

## Overview

Polypropylene film capacitor with vacuum evaporated aluminum electrodes. Radial leads of tinned wire are electrically welded to the metal layer on the ends of the capacitor winding. The capacitor is encapsulated with a self-extinguishing thermosetting resin in a box material meeting the UL 94 V-0 requirements.

Two different winding constructions are used, depending on voltage and lead spacing. They are specified in the part number table.

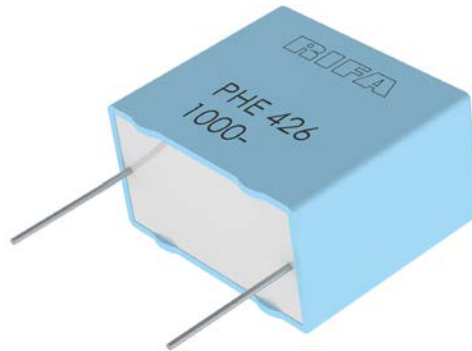
## Applications

Pulse operation in SMPS, TV, monitor, electrical ballast and other high frequency applications demanding stable operation.

*ATTENTION -- This series was replaced by the R75 series. Please click on the link to the R75 series datasheet [HERE](#).*

## Benefits

- Voltage range: 100 – 2000 VDC
- Capacitance range: 0.001 – 27  $\mu$ F
- Lead Spacing: 5 – 37.5 mm
- Capacitance tolerance:  $\pm 5\%$ , other tolerances upon request
- Climatic category: 55/105/56 IEC 60068-1
- Operating temperature range of  $-55^{\circ}\text{C}$  to  $+105^{\circ}\text{C}$
- RoHS compliance and lead-free terminations
- Tape & Reel packaging in accordance with IEC 60286-2
- Self-healing



## Customer Part Number

| PHE426                   | M                                                                                                     | K                                                                        | 4330                                                                                                       | J                                              | R17T0                          |
|--------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------|
| Series                   | Rated Voltage (VDC)                                                                                   | Lead Spacing (mm)                                                        | Capacitance Code (pF)                                                                                      | Capacitance Tolerance                          | Legacy Lead and Packaging Code |
| Metallized Polypropylene | D = 100<br>H = 250<br>J = 300<br>K = 400<br>L = 450<br>M = 630<br>P = 1,000<br>R = 1,600<br>S = 2,000 | J = 5<br>K = 7.5<br>A = 10<br>B = 15<br>D = 22.5<br>F = 27.5<br>R = 37.5 | The last three digits represent significant figures. The first digit specifies the total number of digits. | J = $\pm 5\%$ ;<br>Other tolerances on request | See Ordering Options Table     |

## KEMET Internal Part Number

| F               | 426                      | K                                                                        | G                   | 332                                                                                    | J                                              | 630                                                                                                                     | L                             |
|-----------------|--------------------------|--------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Capacitor Class | Series                   | Lead Spacing (mm)                                                        | Size Code           | Capacitance Code (pF)                                                                  | Capacitance Tolerance                          | Rated Voltage (VDC)                                                                                                     | KEMET Lead and Packaging Code |
| F = Film        | Metallized Polypropylene | J = 5<br>K = 7.5<br>A = 10<br>B = 15<br>D = 22.5<br>F = 27.5<br>R = 37.5 | See Dimension Table | First two digits represent significant figures. Third digit specifies number of zeros. | J = $\pm 5\%$ ,<br>Other tolerances on request | 100 = 100<br>250 = 250<br>300 = 300<br>400 = 400<br>450 = 450<br>630 = 630<br>1K0 = 1,000<br>1K6 = 1,600<br>2K0 = 2,000 | See Ordering Options Table    |

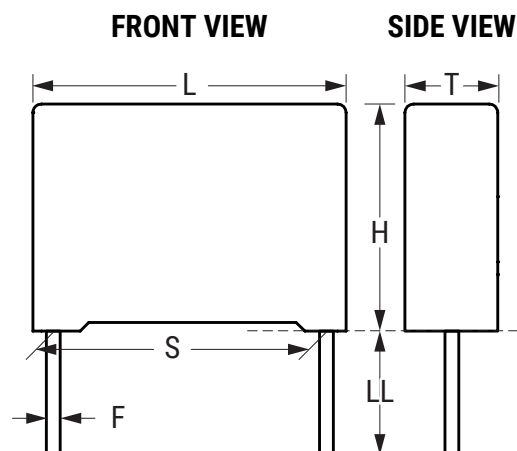
## Ordering Options Table

| Lead Spacing<br>Nominal<br>(mm) | Type of Leads and Packaging                | Lead Length<br>(mm)        | KEMET Lead<br>and Packaging<br>Code | Legacy Lead<br>and Packaging<br>Code |
|---------------------------------|--------------------------------------------|----------------------------|-------------------------------------|--------------------------------------|
| 5                               | <b>Standard Lead and Packaging Options</b> |                            |                                     |                                      |
|                                 | Bulk (Bag) – Short Leads                   | 4 +2/-0                    | C                                   | R05                                  |
|                                 | Bulk (Bag) – Long Leads                    | 17 +0/-1                   | ALH0J                               | R17                                  |
|                                 | Tape & Reel (Standard Reel)                | H <sub>0</sub> = 18.5 ±0.5 | L                                   | R17T0                                |
|                                 | <b>Other Lead and Packaging Options</b>    |                            |                                     |                                      |
|                                 | Bulk (Bag) – Maximum Length Leads          | 20 +5/-0                   | ALL0L                               | R20                                  |
|                                 | Ammo Pack                                  | H <sub>0</sub> = 18.5 ±0.5 | R                                   | R17TA                                |
| 7.5                             | <b>Standard Lead and Packaging Options</b> |                            |                                     |                                      |
|                                 | Bulk (Bag) – Short Leads                   | 4 +2/-0                    | C                                   | R05                                  |
|                                 | Bulk (Bag) – Long Leads                    | 17 +0/-1                   | ALH0J                               | R17                                  |
|                                 | Tape & Reel (Standard Reel)                | H <sub>0</sub> = 18.5 ±0.5 | L                                   | R17T0                                |
|                                 | <b>Other Lead and Packaging Options</b>    |                            |                                     |                                      |
|                                 | Bulk (Bag) – Maximum Length Leads          | 20 +5/-0                   | ALL0L                               | R20                                  |
|                                 | Ammo Pack                                  | H <sub>0</sub> = 18.5 ±0.5 | R                                   | R17TA                                |
| 10                              | <b>Standard Lead and Packaging Options</b> |                            |                                     |                                      |
|                                 | Bulk (Bag) – Short Leads                   | 4 +2/-0                    | C                                   | R05                                  |
|                                 | Bulk (Bag) – Long Leads                    | 17 +0/-1                   | ALH0J                               | R17                                  |
|                                 | Tape & Reel (Standard Reel)                | H <sub>0</sub> = 18.5 ±0.5 | L                                   | R17T0                                |
|                                 | <b>Other Lead and Packaging Options</b>    |                            |                                     |                                      |
|                                 | Bulk (Bag) – Maximum Length Leads          | 20 +5/-0                   | ALL0L                               | R20                                  |
|                                 | Tape & Reel (Large Reel)                   | H <sub>0</sub> = 18.5 ±0.5 | P                                   | R17T1                                |
| 15                              | <b>Standard Lead and Packaging Options</b> |                            |                                     |                                      |
|                                 | Bulk (Bag) – Short Leads                   | 4 +2/-0                    | C                                   | R06                                  |
|                                 | Bulk (Bag) – Long Leads                    | 17 +0/-1                   | ALH0J                               | R17                                  |
|                                 | <b>Other Lead and Packaging Options</b>    |                            |                                     |                                      |
|                                 | Tape & Reel (Standard Reel)                | H <sub>0</sub> = 18.5 ±0.5 | L                                   | R17T0                                |
|                                 | Tape & Reel (Large Reel)                   | H <sub>0</sub> = 18.5 ±0.5 | P                                   | R17T1                                |
|                                 | Bulk (Bag) – Maximum Length Leads          | 25 +5/-0                   | ALR0L                               | R25L                                 |

## Ordering Options Table cont.

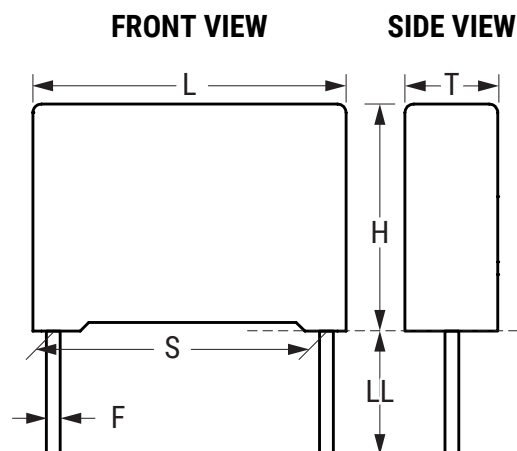
| Lead Spacing<br>Nominal<br>(mm) | Type of Leads and Packaging                | Lead Length<br>(mm)        | KEMET Lead<br>and Packaging<br>Code | Legacy Lead<br>and Packaging<br>Code |
|---------------------------------|--------------------------------------------|----------------------------|-------------------------------------|--------------------------------------|
| 22.5                            | <b>Standard Lead and Packaging Options</b> |                            |                                     |                                      |
|                                 | Bulk (Tray) – Long Leads                   | 17 +0/-1                   | ALH0J                               | R17L2                                |
|                                 | Bulk (Tray) – Short Leads                  | 4 +2/-0                    | C                                   | R06L2                                |
|                                 | <b>Other Lead and Packaging Options</b>    |                            |                                     |                                      |
|                                 | Pizza – Short Leads                        | 3.2 +0.3/-0.2              | CL32K                               | R032KL2                              |
|                                 | Tape & Reel (Standard Reel)                | H <sub>0</sub> = 18.5 ±0.5 | L                                   | R17T0                                |
|                                 | Tape & Reel (Large Reel)                   | H <sub>0</sub> = 18.5 ±0.5 | P                                   | R17T1                                |
| 27.5                            | <b>Standard Lead and Packaging Options</b> |                            |                                     |                                      |
|                                 | Bulk (Tray) – Straight Leads               | 6 +0/-1                    | C                                   | R06L2                                |
|                                 | <b>Other Lead and Packaging Options</b>    |                            |                                     |                                      |
|                                 | Bulk (Tray) – Maximum Length Leads 30      | +5/-0                      | ALW0L                               | R30L2                                |
|                                 | Tape & Reel (Large Reel)                   | H <sub>0</sub> = 18.5 ±0.5 | P                                   | R17T1                                |
| 37.5                            | <b>Standard Lead and Packaging Options</b> |                            |                                     |                                      |
|                                 | Bulk (Tray) – Straight Leads               | 6 +0/-1                    | C                                   | R06L2                                |
|                                 | <b>Other Lead and Packaging Options</b>    |                            |                                     |                                      |
|                                 | Bulk (Tray) – Maximum Length Leads 30      | +5/-0                      | ALW0L                               | R30L2                                |

## Dimensions – Millimeters



| Size Code                                                      | S       |           | T       |           | H       |           | L       |           | F       |           |
|----------------------------------------------------------------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|
|                                                                | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance |
| JF                                                             | 5.0     | ±0.4      | 2.5     | 0/-0.5    | 6.5     | 0/-0.5    | 7.2     | 0/-0.5    | 0.5     | ±0.05     |
| JG                                                             | 5.0     | ±0.4      | 3.5     | 0/-0.5    | 7.5     | 0/-0.5    | 7.2     | 0/-0.5    | 0.5     | ±0.05     |
| JM                                                             | 5.0     | ±0.4      | 4.5     | 0/-0.5    | 9.5     | 0/-0.5    | 7.2     | 0/-0.5    | 0.5     | ±0.05     |
| JQ                                                             | 5.0     | ±0.4      | 5.0     | 0/-0.5    | 10.0    | 0/-0.5    | 7.2     | 0/-0.5    | 0.5     | ±0.05     |
| JT                                                             | 5.0     | ±0.4      | 6.0     | 0/-0.5    | 11.0    | 0/-0.5    | 7.2     | 0/-0.5    | 0.5     | ±0.05     |
| JU                                                             | 5.0     | ±0.4      | 7.2     | 0/-0.5    | 13.0    | 0/-0.5    | 7.2     | 0/-0.5    | 0.5     | ±0.05     |
| KE                                                             | 7.5     | ±0.4      | 2.5     | 0/-0.5    | 6.0     | 0/-0.5    | 10.0    | 0/-0.5    | 0.6     | ±0.05     |
| KF                                                             | 7.5     | ±0.4      | 3.0     | 0/-0.5    | 8.0     | 0/-0.5    | 10.0    | 0/-0.5    | 0.6     | ±0.05     |
| KG                                                             | 7.5     | ±0.4      | 4.0     | 0/-0.5    | 8.0     | 0/-0.5    | 10.0    | 0/-0.5    | 0.6     | ±0.05     |
| KJ                                                             | 7.5     | ±0.4      | 5.0     | 0/-0.5    | 10.5    | 0/-0.5    | 10.0    | 0/-0.5    | 0.6     | ±0.05     |
| KM                                                             | 7.5     | ±0.4      | 6.0     | 0/-0.5    | 12.0    | 0/-0.5    | 10.5    | 0/-0.5    | 0.6     | ±0.05     |
| AG                                                             | 10.0    | ±0.4      | 4.0     | 0/-0.5    | 9.0     | 0/-0.5    | 13.0    | 0/-0.5    | 0.6     | ±0.05     |
| AK                                                             | 10.0    | ±0.4      | 5.0     | 0/-0.5    | 11.0    | 0/-0.5    | 13.0    | 0/-0.5    | 0.6     | ±0.05     |
| AP                                                             | 10.0    | ±0.4      | 6.0     | 0/-0.5    | 12.0    | 0/-0.5    | 13.0    | 0/-0.5    | 0.6     | ±0.05     |
| BB                                                             | 15.0    | ±0.4      | 4.0     | 0/-0.5    | 10.0    | 0/-0.5    | 18.0    | 0/-0.5    | 0.8     | ±0.05     |
| BC                                                             | 15.0    | ±0.4      | 5.0     | 0/-0.5    | 11.0    | 0/-0.5    | 18.0    | 0/-0.5    | 0.8     | ±0.05     |
| BE                                                             | 15.0    | ±0.4      | 5.5     | 0/-0.5    | 12.5    | 0/-0.5    | 18.0    | 0/-0.5    | 0.8     | ±0.05     |
| BG                                                             | 15.0    | ±0.4      | 6.0     | 0/-0.5    | 12.0    | 0/-0.5    | 18.0    | 0/-0.5    | 0.8     | ±0.05     |
| BK                                                             | 15.0    | ±0.4      | 7.5     | 0/-0.5    | 13.5    | 0/-0.5    | 18.0    | 0/-0.5    | 0.8     | ±0.05     |
| BI                                                             | 15.0    | ±0.4      | 6.0     | 0/-0.5    | 17.5    | 0/-0.5    | 18.0    | 0/-0.5    | 0.8     | ±0.05     |
| BP                                                             | 15.0    | ±0.4      | 8.5     | 0/-0.5    | 14.5    | 0/-0.5    | 18.0    | 0/-0.5    | 0.8     | ±0.05     |
| BS                                                             | 15.0    | ±0.4      | 10.0    | 0/-0.5    | 16.0    | 0/-0.5    | 18.0    | 0/-0.5    | 0.8     | ±0.05     |
| BY                                                             | 15.0    | ±0.4      | 11.0    | 0/-0.5    | 19.0    | 0/-0.5    | 18.0    | 0/-0.5    | 0.8     | ±0.05     |
| DB                                                             | 22.5    | ±0.4      | 6.0     | 0/-0.5    | 14.5    | 0/-0.5    | 26.0    | 0/-0.5    | 0.8     | ±0.05     |
| DI                                                             | 22.5    | ±0.4      | 7.0     | 0/-0.5    | 16.0    | 0/-0.5    | 26.0    | 0/-0.5    | 0.8     | ±0.05     |
| DH                                                             | 22.5    | ±0.4      | 8.0     | 0/-0.5    | 16.0    | 0/-0.5    | 26.0    | 0/-0.5    | 0.8     | ±0.05     |
| DJ                                                             | 22.5    | ±0.4      | 8.5     | 0/-0.5    | 17.0    | 0/-0.5    | 26.0    | 0/-0.5    | 0.8     | ±0.05     |
| DM                                                             | 22.5    | ±0.4      | 9.0     | 0/-0.5    | 18.5    | 0/-0.5    | 26.0    | 0/-0.5    | 0.8     | ±0.05     |
| DO                                                             | 22.5    | ±0.4      | 10.0    | 0/-0.5    | 18.5    | 0/-0.5    | 26.0    | 0/-0.5    | 0.8     | ±0.05     |
| Note: See Ordering Options Table for lead length (LL) options. |         |           |         |           |         |           |         |           |         |           |

## Dimensions – Millimeters cont.

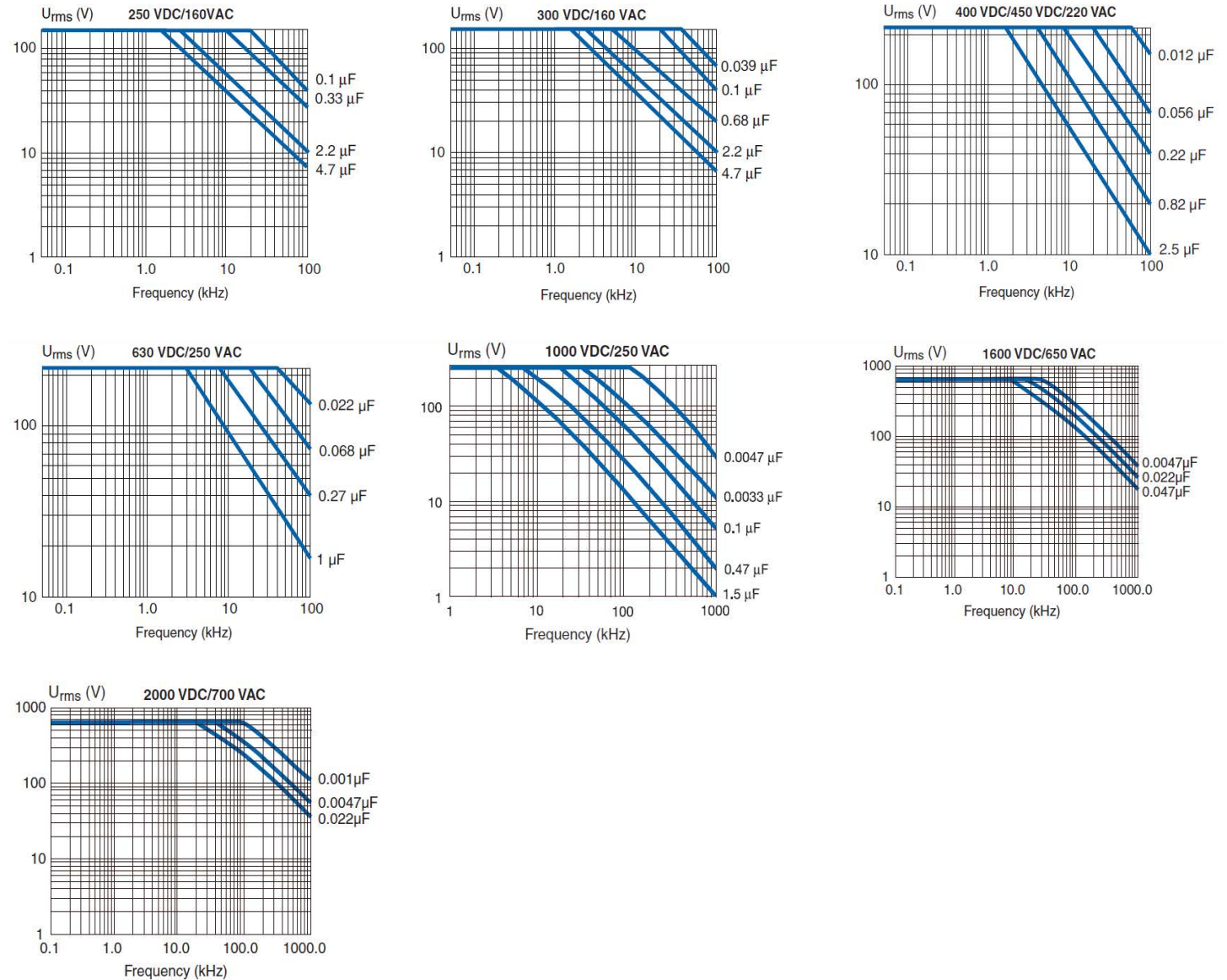


| Size Code                                                      | S       |           | T       |           | H       |           | L       |           | F       |           |
|----------------------------------------------------------------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|
|                                                                | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance |
| DP                                                             | 22.5    | ±0.4      | 11.0    | 0/-0.5    | 20.0    | 0/-0.5    | 26.0    | 0/-0.5    | 0.8     | ±0.05     |
| DU                                                             | 22.5    | ±0.4      | 13.0    | 0/-0.5    | 22.0    | 0/-0.5    | 26.0    | 0/-0.5    | 0.8     | ±0.05     |
| DY                                                             | 22.5    | ±0.4      | 15.5    | 0/-0.5    | 24.5    | 0/-0.5    | 26.0    | 0/-0.5    | 0.8     | ±0.05     |
| FB                                                             | 27.5    | ±0.4      | 9.0     | 0/-0.7    | 17.0    | 0/-0.7    | 31.5    | 0/-0.7    | 0.8     | ±0.05     |
| FC                                                             | 27.5    | ±0.4      | 11.0    | 0/-0.7    | 20.0    | 0/-0.7    | 31.5    | 0/-0.7    | 0.8     | ±0.05     |
| FI                                                             | 27.5    | ±0.4      | 13.0    | 0/-0.7    | 25.0    | 0/-0.7    | 31.5    | 0/-0.7    | 0.8     | ±0.05     |
| FN                                                             | 27.5    | ±0.4      | 14.0    | 0/-0.7    | 28.0    | 0/-0.7    | 31.5    | 0/-0.7    | 0.8     | ±0.05     |
| FR                                                             | 27.5    | ±0.4      | 17.5    | 0/-0.7    | 28.0    | 0/-0.7    | 31.5    | 0/-0.7    | 0.8     | ±0.05     |
| FS                                                             | 27.5    | ±0.4      | 19.0    | 0/-0.7    | 29.0    | 0/-0.7    | 31.5    | 0/-0.7    | 0.8     | ±0.05     |
| FY                                                             | 27.5    | ±0.4      | 22.0    | 0/-0.7    | 37.0    | 0/-0.7    | 31.5    | 0/-0.7    | 0.8     | ±0.05     |
| RB                                                             | 37.5    | ±0.5      | 11.0    | 0/-0.7    | 22.0    | 0/-0.7    | 41.0    | 0/-0.7    | 1       | ±0.05     |
| RF                                                             | 37.5    | ±0.5      | 13.0    | 0/-0.7    | 24.0    | 0/-0.7    | 41.0    | 0/-0.7    | 1       | ±0.05     |
| RH                                                             | 37.5    | ±0.5      | 15.0    | 0/-0.7    | 26.0    | 0/-0.7    | 41.0    | 0/-0.7    | 1       | ±0.05     |
| RC                                                             | 37.5    | ±0.5      | 16.0    | 0/-0.7    | 28.5    | 0/-0.7    | 41.0    | 0/-0.7    | 1       | ±0.05     |
| RD                                                             | 37.5    | ±0.5      | 19.0    | 0/-0.7    | 32.0    | 0/-0.7    | 41.0    | 0/-0.7    | 1       | ±0.05     |
| RP                                                             | 37.5    | ±0.5      | 21.0    | 0/-0.7    | 38.0    | 0/-0.7    | 41.0    | 0/-0.7    | 1       | ±0.05     |
| RO                                                             | 37.5    | ±0.5      | 24.0    | 0/-0.7    | 44.0    | 0/-0.7    | 41.0    | 0/-0.7    | 1       | ±0.05     |
| RU                                                             | 37.5    | ±0.5      | 30.0    | 0/-0.7    | 45.0    | 0/-0.7    | 41.0    | 0/-0.7    | 1       | ±0.05     |
| Note: See Ordering Options Table for lead length (LL) options. |         |           |         |           |         |           |         |           |         |           |

## Performance Characteristics

| Sections                   | 1                                                                                                                                                                                                                   | 1          | 1          | 1                   | 1                | 1           | 1            | 2              | 2             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|---------------------|------------------|-------------|--------------|----------------|---------------|
| Voltage Range (VDC)        | 100                                                                                                                                                                                                                 | 250        | 300        | 400                 | 450              | 630         | 1,000        | 1,600          | 2,000         |
| Voltage Range (VAC)        | 63                                                                                                                                                                                                                  | 160        | 160        | 220                 | 220              | 250         | 250          | 650            | 700           |
| Capacitance Range (μF)     | 0.001 - 0.22                                                                                                                                                                                                        | 0.001 - 27 | 0.033 - 18 | 0.001 - 10          | 0.1 - 3.9        | 0.001 - 5.6 | 0.0027 - 3.3 | 0.0047 - 0.047 | 0.001 - 0.027 |
| Capacitance Values         | In accordance with IEC E12 series                                                                                                                                                                                   |            |            |                     |                  |             |              |                |               |
| Capacitance Tolerance      | ±5%, other tolerances on request                                                                                                                                                                                    |            |            |                     |                  |             |              |                |               |
| Category Temperature Range | -55°C to +105°C                                                                                                                                                                                                     |            |            |                     |                  |             |              |                |               |
| Rated Temperature          | +85°C                                                                                                                                                                                                               |            |            |                     |                  |             |              |                |               |
| Voltage Derating           | The rated voltage is decreased by 1.3%/°C between +85°C and +105°C                                                                                                                                                  |            |            |                     |                  |             |              |                |               |
| Climatic Category          | IEC 60068-1, 55/105/56                                                                                                                                                                                              |            |            |                     |                  |             |              |                |               |
| Passive Flammability       | Category B according to IEC 60065                                                                                                                                                                                   |            |            |                     |                  |             |              |                |               |
| Maximum Pulse Steepness    | dv/dt according to Part Number Table. For peak to peak voltages lower than rated voltage (V <sub>pp</sub> < V <sub>R</sub> ), the specified dv/dt can be multiplied by the factor V <sub>R</sub> /V <sub>pp</sub> . |            |            |                     |                  |             |              |                |               |
| Temperature Coefficient    | -200 (+50, -100) ppm/°C (at 1 kHz)                                                                                                                                                                                  |            |            |                     |                  |             |              |                |               |
| Self-Inductance L          | Approximately 6 nH/cm for the total length of capacitor winding and the leads                                                                                                                                       |            |            |                     |                  |             |              |                |               |
| Dissipation Factor tand    | Maximum Values at +23°C                                                                                                                                                                                             |            |            |                     |                  |             |              |                |               |
|                            |                                                                                                                                                                                                                     | C ≤ 0.1 μF |            | 0.1 μF < C ≤ 1.0 μF |                  | C > 1.0 μF  |              |                |               |
|                            | 1 kHz                                                                                                                                                                                                               | 0.0005     |            | 0.0005              |                  | 0.001       |              |                |               |
|                            | 10 kHz                                                                                                                                                                                                              | -          |            | 0.001               |                  | -           |              |                |               |
|                            | 100 kHz                                                                                                                                                                                                             | 0.0025     |            | -                   |                  | -           |              |                |               |
| Insulation Resistance      | Measured at +23°C, 100 VDC 60 seconds for V <sub>R</sub> < 500 VDC and at 500 VDC for V <sub>R</sub> ≥ 500 VDC                                                                                                      |            |            |                     |                  |             |              |                |               |
|                            | Between Terminals                                                                                                                                                                                                   |            |            |                     |                  |             |              |                |               |
|                            | C ≤ 0.33 μF                                                                                                                                                                                                         |            |            |                     | ≥ 100,000 MΩ     |             |              |                |               |
|                            | C > 0.33 μF                                                                                                                                                                                                         |            |            |                     | ≥ 30,000 MΩ • μF |             |              |                |               |
|                            | Between Terminals and Case                                                                                                                                                                                          |            |            |                     |                  |             |              |                |               |
|                            |                                                                                                                                                                                                                     |            |            |                     | ≥ 100,000 MΩ     |             |              |                |               |

## Derating of $V_{rms}$ vs. Frequency, $\leq 85^{\circ}\text{C}$ Ambient Temperature and with $10^{\circ}\text{C}$ Internal Heating, Typical Values



## Environmental Test Data

| Test                         | IEC Publication         | Procedure                                                                                    | Requirements                                                                                                                                                                                                                                                                                                      |
|------------------------------|-------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Voltage Proof                | 60384-1 Clause 4.6      | $1.6 \times V_R$ after 60 seconds                                                            | The capacitors must withstand the voltage without breakdowns or flashovers and without decreased insulation resistance below the value in each detail specification.<br>No visible damage                                                                                                                         |
|                              | Clause 4.6 2.3          | $2 \times V_R$ (minimum 400 VDC to case) after 60 seconds                                    | As above                                                                                                                                                                                                                                                                                                          |
| Vibration                    | 60068-2-6 Test Fc       | 6 hours with 10 – 500 Hz and 0.75 mm amplitude or 98 m/s <sup>2</sup> depending on frequency | No visible damage<br>$\tan\delta \leq 1.2 \times$ stated value at 100 kHz<br>$\Delta C/C \leq \pm 0.5\%$                                                                                                                                                                                                          |
| Bump                         | 60068-2-29 Test Eb      | 4,000 bumps with 390 m/s <sup>2</sup> mounted on PCB                                         | $\Delta C/C \leq \pm 0.5\%$<br>$\tan\delta \leq 1.2 \times$ stated value at 100 kHz<br>Insulation resistance:<br>$\geq 100,000 \text{ M}\Omega$ for $C_R \leq 0.33 \text{ }\mu\text{F}$<br>$\geq 30,000 \text{ M}\Omega, \text{ }\mu\text{F}$ for $C_R > 0.33 \text{ }\mu\text{F}$                                |
| Resistance to Soldering Heat | 60068-2-20 Method 1A    | Solder bath at $+260^\circ\text{C} \pm 5^\circ\text{C}$ with screening                       | Immersion of the terminations into the solder bath shall be completed in a time not exceeding 1 second and the terminations shall remain immersed to the specified depth for 10 +1 second and then be withdrawn.<br>$\Delta C/C \leq \pm 1.0\%$<br>$\tan\delta$ increase $< 0.001$<br>No visible damage           |
| Climatic Sequence            | 60384-1 Paragraph 4:21  | 60068-2.2 dry heat 16 hours<br>60068-2-34 damp heat, one cycle,<br>60068-2-1 Test Aa 2 hours | Insulation resistance:<br>$\geq 100,000 \text{ M}\Omega$ for $C_R \leq 0.33 \text{ }\mu\text{F}$<br>$\geq 30,000 \text{ M}\Omega, \text{ }\mu\text{F}$ for $C_R > 0.33 \text{ }\mu\text{F}$<br>$\Delta C/C \leq \pm 0.5\%$<br>$\tan\delta \leq 1.2 \times$ stated value at 100 kHz                                |
| Damp Heat Steady State       | 60068-2-3 Test Ca       | $+40^\circ\text{C}$ and 90% – D1095% RH                                                      | 56 days no visible damage<br>Insulation resistance:<br>$\geq 50,000 \text{ M}\Omega$ for $C_R \leq 0.33 \text{ }\mu\text{F}$<br>$\geq 15,000 \text{ M}\Omega \cdot \text{ }\mu\text{F}$ for $C_R > 0.33 \text{ }\mu\text{F}$<br>$\Delta C/C \leq \pm 1\%$<br>$\tan\delta \leq 1.2 \times$ stated value at 100 kHz |
| Endurance, AC                |                         | 1,000 hours at $+85^\circ\text{C}$ and $1.25 \times V_R \text{ AC}$                          | No visible damage<br>$\Delta C/C \leq \pm 3\%$<br>$\tan\delta \leq 1.5 \times$ stated value at 100 kHz<br>Insulation resistance:<br>$\geq 100,000 \text{ M}\Omega$ for $C_R \leq 0.33 \text{ }\mu\text{F}$<br>$\geq 30,000 \text{ M}\Omega, \text{ }\mu\text{F}$ for $C_R > 0.33 \text{ }\mu\text{F}$             |
| Charge and Discharge         | 60384-17 Paragraph 4.13 | 10,000 pulses and with (2 x) dV/dt according to detail specification                         | $\tan\delta$ (100 kHz) $\leq 2 \times$ stated value (100 kHz)<br>$\Delta C/C \leq \pm 0.5\%$<br>Insulation resistance:<br>$\geq 50,000 \text{ M}\Omega$ for $C_R \leq 0.33 \text{ }\mu\text{F}$<br>$\geq 15,000 \text{ M}\Omega, \text{ }\mu\text{F}$ for $C_R > 0.33 \text{ }\mu\text{F}$                        |

## Environmental Compliance

All KEMET pulse capacitors are RoHS compliant.



**Table 1 – Ratings & Part Number Reference**

| VDC       | VAC | Capacitance Value (µF) | Box Code | Max Dimensions in mm |        |        | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |
|-----------|-----|------------------------|----------|----------------------|--------|--------|------------------|--------------|------------------------|-------------------|--------------------|
|           |     |                        |          | T                    | H      | L      |                  |              |                        |                   |                    |
| 1 Section |     |                        |          |                      |        |        |                  |              |                        |                   |                    |
| 100       | 63  | 0.001                  | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF102J100(1)  | PHE426DJ4100J(1)   |
| 100       | 63  | 0.0012                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF122J100(1)  | PHE426DJ4120J(1)   |
| 100       | 63  | 0.0015                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF152J100(1)  | PHE426DJ4150J(1)   |
| 100       | 63  | 0.0018                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF182J100(1)  | PHE426DJ4180J(1)   |
| 100       | 63  | 0.0022                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF222J100(1)  | PHE426DJ4220J(1)   |
| 100       | 63  | 0.0027                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF272J100(1)  | PHE426DJ4270J(1)   |
| 100       | 63  | 0.0033                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF332J100(1)  | PHE426DJ4330J(1)   |
| 100       | 63  | 0.0039                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF392J100(1)  | PHE426DJ4390J(1)   |
| 100       | 63  | 0.0047                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF472J100(1)  | PHE426DJ4470J(1)   |
| 100       | 63  | 0.0056                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF562J100(1)  | PHE426DJ4560J(1)   |
| 100       | 63  | 0.0068                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF682J100(1)  | PHE426DJ4680J(1)   |
| 100       | 63  | 0.0082                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF822J100(1)  | PHE426DJ4820J(1)   |
| 100       | 63  | 0.01                   | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF103J100(1)  | PHE426DJ5100J(1)   |
| 100       | 63  | 0.012                  | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF123J100(1)  | PHE426DJ5120J(1)   |
| 100       | 63  | 0.015                  | J01      | 2.5                  | 6.5    | 7.2    | 5                | 100          | 230                    | F426JF153J100(1)  | PHE426DJ5150J(1)   |
| 100       | 63  | 0.018                  | J02      | 3.5                  | 8      | 7.2    | 5                | 100          | 230                    | F426JJ183J100(1)  | PHE426DJ5180J(1)   |
| 100       | 63  | 0.022                  | J02      | 3.5                  | 8      | 7.2    | 5                | 100          | 230                    | F426JJ223J100(1)  | PHE426DJ5220J(1)   |
| 100       | 63  | 0.027                  | J02      | 3.5                  | 8      | 7.2    | 5                | 100          | 230                    | F426JJ273J100(1)  | PHE426DJ5270J(1)   |
| 100       | 63  | 0.033                  | J02      | 3.5                  | 8      | 7.2    | 5                | 100          | 230                    | F426JJ333J100(1)  | PHE426DJ5330J(1)   |
| 100       | 63  | 0.039                  | J02      | 3.5                  | 8      | 7.2    | 5                | 100          | 230                    | F426JJ393J100(1)  | PHE426DJ5390J(1)   |
| 100       | 63  | 0.047                  | J02      | 3.5                  | 8      | 7.2    | 5                | 100          | 230                    | F426JJ473J100(1)  | PHE426DJ5470J(1)   |
| 100       | 63  | 0.056                  | J03      | 4.5                  | 9      | 7.2    | 5                | 100          | 230                    | F426JL563J100(1)  | PHE426DJ5560J(1)   |
| 100       | 63  | 0.068                  | J03      | 4.5                  | 9      | 7.2    | 5                | 100          | 230                    | F426JL683J100(1)  | PHE426DJ5680J(1)   |
| 100       | 63  | 0.082                  | J04      | 5                    | 10     | 7.2    | 5                | 100          | 230                    | F426JQ823J100(1)  | PHE426DJ5820J(1)   |
| 100       | 63  | 0.1                    | J05      | 6                    | 11     | 7.2    | 5                | 100          | 230                    | F426JT104J100(1)  | PHE426DJ6100J(1)   |
| 100       | 63  | 0.12                   | J05      | 6                    | 11     | 7.2    | 5                | 100          | 230                    | F426JT124J100(1)  | PHE426DJ6120J(1)   |
| 100       | 63  | 0.15                   | J06      | 7.2                  | 13     | 7.2    | 5                | 100          | 230                    | F426JU154J100(1)  | PHE426DJ6150J(1)   |
| 100       | 63  | 0.18                   | J06      | 7.2                  | 13     | 7.2    | 5                | 100          | 230                    | F426JU184J100(1)  | PHE426DJ6180J(1)   |
| 100       | 63  | 0.22                   | J06      | 7.2                  | 13     | 7.2    | 5                | 100          | 230                    | F426JU224J100(1)  | PHE426DJ6220J(1)   |
| 250       | 160 | 0.001                  | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF102J250(1)  | PHE426HJ4100J(1)   |
| 250       | 160 | 0.0012                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF122J250(1)  | PHE426HJ4120J(1)   |
| 250       | 160 | 0.0015                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF152J250(1)  | PHE426HJ4150J(1)   |
| 250       | 160 | 0.0018                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF182J250(1)  | PHE426HJ4180J(1)   |
| 250       | 160 | 0.0022                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF222J250(1)  | PHE426HJ4220J(1)   |
| 250       | 160 | 0.0027                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF272J250(1)  | PHE426HJ4270J(1)   |
| 250       | 160 | 0.0033                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF332J250(1)  | PHE426HJ4330J(1)   |
| 250       | 160 | 0.0039                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF392J250(1)  | PHE426HJ4390J(1)   |
| 250       | 160 | 0.0047                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF472J250(1)  | PHE426HJ4470J(1)   |
| 250       | 160 | 0.0056                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF562J250(1)  | PHE426HJ4560J(1)   |
| 250       | 160 | 0.0068                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF682J250(1)  | PHE426HJ4680J(1)   |
| 250       | 160 | 0.0082                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF822J250(1)  | PHE426HJ4820J(1)   |
| 250       | 160 | 0.01                   | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF103J250(1)  | PHE426HJ5100J(1)   |
| 250       | 160 | 0.012                  | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF123J250(1)  | PHE426HJ5120J(1)   |
| 250       | 160 | 0.015                  | J01      | 2.5                  | 6.5    | 7.2    | 5                | 40           | 230                    | F426JF153J250(1)  | PHE426HJ5150J(1)   |
| 250       | 160 | 0.018                  | J02      | 3.5                  | 8      | 7.2    | 5                | 40           | 230                    | F426JJ183J250(1)  | PHE426HJ5180J(1)   |
| 250       | 160 | 0.022                  | J02      | 3.5                  | 8      | 7.2    | 5                | 40           | 230                    | F426JJ223J250(1)  | PHE426HJ5220J(1)   |
| 250       | 160 | 0.027                  | J02      | 3.5                  | 8      | 7.2    | 5                | 40           | 230                    | F426JJ273J250(1)  | PHE426HJ5270J(1)   |
| 250       | 160 | 0.033                  | J02      | 3.5                  | 8      | 7.2    | 5                | 40           | 230                    | F426JJ333J250(1)  | PHE426HJ5330J(1)   |
| 250       | 160 | 0.039                  | J02      | 3.5                  | 8      | 7.2    | 5                | 40           | 230                    | F426JJ393J250(1)  | PHE426HJ5390J(1)   |
| 250       | 160 | 0.047                  | J02      | 3.5                  | 8      | 7.2    | 5                | 40           | 230                    | F426JJ473J250(1)  | PHE426HJ5470J(1)   |
| 250       | 160 | 0.056                  | J03      | 4.5                  | 9      | 7.2    | 5                | 40           | 230                    | F426JL563J250(1)  | PHE426HJ5560J(1)   |
| VDC       | VAC | Capacitance Value (µF) | Box Code | T (mm)               | H (mm) | L (mm) | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |

\* Please note: These articles have a box code included in the article code.  
(1) Insert lead and packaging code. See Ordering Options Table for available options.

**Table 1 – Ratings & Part Number Reference cont.**

| VDC | VAC | Capacitance Value (µF) | Box Code | Max Dimensions in mm |        |        | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |
|-----|-----|------------------------|----------|----------------------|--------|--------|------------------|--------------|------------------------|-------------------|--------------------|
|     |     |                        |          | T                    | H      | L      |                  |              |                        |                   |                    |
| 250 | 160 | 0.068                  | J03      | 4.5                  | 9      | 7.2    | 5                | 40           | 230                    | F426JL683J250(1)  | PHE426HJ5680J(1)   |
| 250 | 160 | 0.082                  | J04      | 5                    | 10     | 7.2    | 5                | 40           | 230                    | F426JQ823J250(1)  | PHE426HJ5820J(1)   |
| 250 | 160 | 0.1                    | J05      | 6                    | 11     | 7.2    | 5                | 40           | 230                    | F426JT104J250(1)  | PHE426HJ6100J(1)   |
| 250 | 160 | 0.12                   | J05      | 6                    | 11     | 7.2    | 5                | 40           | 230                    | F426JT124J250(1)  | PHE426HJ6120J(1)   |
| 250 | 160 | 0.15                   | J06      | 7.2                  | 13     | 7.2    | 5                | 40           | 230                    | F426JU154J250(1)  | PHE426HJ6150J(1)   |
| 250 | 160 | 0.18                   | J06      | 7.2                  | 13     | 7.2    | 5                | 40           | 230                    | F426JU184J250(1)  | PHE426HJ6180J(1)   |
| 250 | 160 | 0.22                   | J06      | 7.2                  | 13     | 7.2    | 5                | 40           | 230                    | F426JU224J250(1)  | PHE426HJ6220J(1)   |
| 250 | 160 | 0.001                  | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF102J250(1)  | PHE426HK4100J(1)   |
| 250 | 160 | 0.0012                 | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF122J250(1)  | PHE426HK4120J(1)   |
| 250 | 160 | 0.0015                 | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF152J250(1)  | PHE426HK4150J(1)   |
| 250 | 160 | 0.0018                 | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF182J250(1)  | PHE426HK4180J(1)   |
| 250 | 160 | 0.0022                 | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF222J250(1)  | PHE426HK4220J(1)   |
| 250 | 160 | 0.0027                 | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF272J250(1)  | PHE426HK4270J(1)   |
| 250 | 160 | 0.0033                 | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF332J250(1)  | PHE426HK4330J(1)   |
| 250 | 160 | 0.0039                 | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF392J250(1)  | PHE426HK4390J(1)   |
| 250 | 160 | 0.0047                 | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF472J250(1)  | PHE426HK4470J(1)   |
| 250 | 160 | 0.0056                 | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF562J250(1)  | PHE426HK4560J(1)   |
| 250 | 160 | 0.0068                 | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF682J250(1)  | PHE426HK4680J(1)   |
| 250 | 160 | 0.0082                 | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF822J250(1)  | PHE426HK4820J(1)   |
| 250 | 160 | 0.01                   | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF103J250(1)  | PHE426HK5100J(1)   |
| 250 | 160 | 0.012                  | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF123J250(1)  | PHE426HK5120J(1)   |
| 250 | 160 | 0.015                  | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF153J250(1)  | PHE426HK5150J(1)   |
| 250 | 160 | 0.018                  | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF183J250(1)  | PHE426HK5180J(1)   |
| 250 | 160 | 0.022                  | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF223J250(1)  | PHE426HK5220J(1)   |
| 250 | 160 | 0.027                  | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF273J250(1)  | PHE426HK5270J(1)   |
| 250 | 160 | 0.033                  | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF333J250(1)  | PHE426HK5330J(1)   |
| 250 | 160 | 0.039                  | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF393J250(1)  | PHE426HK5390J(1)   |
| 250 | 160 | 0.047                  | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF473J250(1)  | PHE426HK5470J(1)   |
| 250 | 160 | 0.056                  | K01      | 4                    | 8      | 10     | 7.5              | 180          | 160                    | F426KF563J250(1)  | PHE426HK5560J(1)   |
| 250 | 160 | 0.068                  | K03      | 5                    | 11     | 10     | 7.5              | 180          | 160                    | F426KK683J250(1)  | PHE426HK5680J(1)   |
| 250 | 160 | 0.082                  | K03      | 5                    | 11     | 10     | 7.5              | 180          | 160                    | F426KK823J250(1)  | PHE426HK5820J(1)   |
| 250 | 160 | 0.1                    | K03      | 5                    | 11     | 10     | 7.5              | 180          | 160                    | F426KK104J250(1)  | PHE426HK6100J(1)   |
| 250 | 160 | 0.12                   | K04      | 6                    | 12     | 10.5   | 7.5              | 180          | 160                    | F426KM124J250(1)  | PHE426HK6120J(1)   |
| 250 | 160 | 0.15                   | K04      | 6                    | 12     | 10.5   | 7.5              | 180          | 160                    | F426KM154J250(1)  | PHE426HK6150J(1)   |
| 250 | 160 | 0.068                  | A01      | 4                    | 9      | 13     | 10               | 160          | 135                    | F426AG683J250(1)  | PHE426HA5680J(1)   |
| 250 | 160 | 0.082                  | A01      | 4                    | 9      | 13     | 10               | 160          | 135                    | F426AG823J250(1)  | PHE426HA5820J(1)   |
| 250 | 160 | 0.1                    | A02      | 4.5                  | 10.5   | 13     | 10               | 160          | 120                    | F426AH104J250(1)  | PHE426HA6100J(1)   |
| 250 | 160 | 0.12                   | A02      | 4.5                  | 10.5   | 13     | 10               | 160          | 120                    | F426AH124J250(1)  | PHE426HA6120J(1)   |
| 250 | 160 | 0.15                   | A03      | 5                    | 11     | 13     | 10               | 160          | 113                    | F426AK154J250(1)  | PHE426HA6150J(1)   |
| 250 | 160 | 0.18                   | A03      | 5                    | 11     | 13     | 10               | 160          | 113                    | F426AK184J250(1)  | PHE426HA6180J(1)   |
| 250 | 160 | 0.22                   | A04      | 6                    | 12     | 13     | 10               | 160          | 105                    | F426AP224J250(1)  | PHE426HA6220J(1)   |
| 250 | 160 | 0.18                   | B04      | 5.5                  | 10.5   | 18     | 15               | 120          | 99                     | F426BD184J250(1)  | PHE426HB6180J(1)   |
| 250 | 160 | 0.22                   | B04      | 5.5                  | 10.5   | 18     | 15               | 120          | 99                     | F426BD224J250(1)  | PHE426HB6220J(1)   |
| 250 | 160 | 0.27                   | B05      | 5.5                  | 12.5   | 18     | 15               | 120          | 85                     | F426BE274J250(1)  | PHE426HB6270J(1)   |
| 250 | 160 | 0.33                   | B15      | 6                    | 12     | 18     | 15               | 120          | 83                     | F426BG334J250(1)  | PHE426HB6330J(1)   |
| 250 | 160 | 0.39                   | B10      | 6.5                  | 12.5   | 18     | 15               | 120          | 82                     | F426BJ394J250(1)  | PHE426HB6390J(1)   |
| 250 | 160 | 0.47                   | B06      | 7.5                  | 14.5   | 18     | 15               | 120          | 74                     | F426BL474J250(1)  | PHE426HB6470J(1)   |
| 250 | 160 | 0.56                   | B06      | 7.5                  | 14.5   | 18     | 15               | 120          | 74                     | F426BL564J250(1)  | PHE426HB6560J(1)   |
| 250 | 160 | 0.68                   | B12      | 8                    | 15     | 18     | 15               | 120          | 71                     | F426BM684J250(1)  | PHE426HB6680J(1)   |
| 250 | 160 | 0.82                   | B11      | 8.5                  | 16     | 18     | 15               | 120          | 64                     | F426BQ824J250(1)  | PHE426HB6820J(1)   |
| 250 | 160 | 1                      | B14      | 9.5                  | 17.5   | 18     | 15               | 120          | 60                     | F426BV105J250(1)  | PHE426HB7100J(1)   |
| 250 | 160 | 0.68                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 80           | 58                     | F426DD684J250(1)  | PHE426HD6680J(1)   |
| 250 | 160 | 0.82                   | D17      | 7                    | 16.5   | 26     | 22.5             | 80           | 53                     | F426DF824J250(1)  | PHE426HD6820J(1)   |
| VDC | VAC | Capacitance Value (µF) | Box Code | T (mm)               | H (mm) | L (mm) | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |

\* Please note: These articles have a box code included in the article code.

(1) Insert lead and packaging code. See Ordering Options Table for available options.

**Table 1 – Ratings & Part Number Reference cont.**

| VDC | VAC | Capacitance Value (µF) | Box Code | Max Dimensions in mm |        |        | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |
|-----|-----|------------------------|----------|----------------------|--------|--------|------------------|--------------|------------------------|-------------------|--------------------|
|     |     |                        |          | T                    | H      | L      |                  |              |                        |                   |                    |
| 250 | 160 | 1                      | D17      | 7                    | 16.5   | 26     | 22.5             | 80           | 53                     | F426DF105J250(1)  | PHE426HD7100J(1)   |
| 250 | 160 | 1.2                    | D14      | 8                    | 16     | 26     | 22.5             | 80           | 53                     | F426DH125J250(1)  | PHE426HD7120J(1)   |
| 250 | 160 | 1.5                    | D15      | 9                    | 18.5   | 26     | 22.5             | 80           | 48                     | F426DM155J250(1)  | PHE426HD7150J(1)   |
| 250 | 160 | 1.8                    | D18      | 10.5                 | 19     | 26     | 22.5             | 80           | 45                     | F426DR185J250(1)  | PHE426HD7180J(1)   |
| 250 | 160 | 2.2                    | D16      | 11                   | 21.5   | 26     | 22.5             | 80           | 40                     | F426DT225J250(1)  | PHE426HD7220J(1)   |
| 250 | 160 | 2.7                    | D20      | 13.5                 | 23     | 26     | 22.5             | 80           | 40                     | F426DW275J250(1)  | PHE426HD7270J(1)   |
| 250 | 160 | 3.3                    | D20      | 13.5                 | 23     | 26     | 22.5             | 80           | 40                     | F426DW335J250(1)  | PHE426HD7330J(1)   |
| 250 | 160 | 3.9                    | D19      | 15.5                 | 24.5   | 26     | 22.5             | 80           | 40                     | F426DY395J250(1)  | PHE426HD7390J(1)   |
| 250 | 160 | 4.7                    | D19      | 15.5                 | 24.5   | 26     | 22.5             | 80           | 40                     | F426DY475J250(1)  | PHE426HD7470J(1)   |
| 250 | 160 | 2.2                    | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 50           | 37                     | F426FE225J250(1)  | PHE426HF7220J(1)   |
| 250 | 160 | 2.7                    | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 50           | 37                     | F426FE275J250(1)  | PHE426HF7270J(1)   |
| 250 | 160 | 2.7                    | F17      | 21                   | 12.5   | 31.5   | 27.5             | 50           | 37                     | F426TH275J250(1)  | PHE426HT7270J(1)   |
| 250 | 160 | 3.3                    | F12      | 11.5                 | 22.5   | 31.5   | 27.5             | 50           | 34                     | F426FG335J250(1)  | PHE426HF7330J(1)   |
| 250 | 160 | 3.9                    | F03      | 13.5                 | 23     | 31.5   | 27.5             | 50           | 33                     | F426FK395J250(1)  | PHE426HF7390J(1)   |
| 250 | 160 | 4.7                    | F03      | 13.5                 | 23     | 31.5   | 27.5             | 50           | 32                     | F426FK475J250(1)  | PHE426HF7470J(1)   |
| 250 | 160 | 5.6                    | F14      | 17.5                 | 28     | 31.5   | 27.5             | 50           | 28                     | F426FR565J250(1)  | PHE426HF7560J(1)   |
| 250 | 160 | 6.8                    | F14      | 17.5                 | 28     | 31.5   | 27.5             | 50           | 28                     | F426FR685J250(1)  | PHE426HF7680J(1)   |
| 250 | 160 | 6.8                    | F19      | 27.5                 | 16     | 31.5   | 27.5             | 50           | 28                     | F426TQ685J250(1)  | PHE426HT7680J(1)   |
| 250 | 160 | 8.2                    | F15      | 19                   | 29     | 31.5   | 27.5             | 50           | 26                     | F426FS825J250(1)  | PHE426HF7820J(1)   |
| 250 | 160 | 10                     | F16      | 21                   | 30     | 31.5   | 27.5             | 50           | 26                     | F426FV106J250(1)  | PHE426HF8100J(1)   |
| 250 | 160 | 10                     | F18      | 31                   | 19     | 31.5   | 27.5             | 50           | 26                     | F426TT106J250(1)  | PHE426HT8100J(1)   |
| 250 | 160 | 4.7                    | R05      | 13                   | 24     | 41     | 37.5             | 30           | 27                     | F426RF475J250(1)  | PHE426HR7470J(1)   |
| 250 | 160 | 5.6                    | R05      | 13                   | 24     | 41     | 37.5             | 30           | 27                     | F426RF565J250(1)  | PHE426HR7560J(1)   |
| 250 | 160 | 6.8                    | R04      | 15                   | 26     | 41     | 37.5             | 30           | 25                     | F426RH685J250(1)  | PHE426HR7680J(1)   |
| 250 | 160 | 8.2                    | R02      | 16.5                 | 32     | 41     | 37.5             | 30           | 21                     | F426RD825J250(1)  | PHE426HR7820J(1)   |
| 250 | 160 | 10                     | R02      | 16.5                 | 32     | 41     | 37.5             | 30           | 21                     | F426RD106J250(1)  | PHE426HR8100J(1)   |
| 250 | 160 | 12                     | R03      | 19                   | 36     | 41     | 37.5             | 30           | 19                     | F426RM126J250(1)  | PHE426HR8120J(1)   |
| 250 | 160 | 15                     | R03      | 19                   | 36     | 41     | 37.5             | 30           | 19                     | F426RM156J250(1)  | PHE426HR8150J(1)   |
| 250 | 160 | 18                     | R06      | 21                   | 38     | 41     | 37.5             | 30           | 17                     | F426RP186J250(1)  | PHE426HR8180J(1)   |
| 250 | 160 | 20                     | R06      | 21                   | 38     | 41     | 37.5             | 30           | 17                     | F426RP206J250(1)  | PHE426HR8200J(1)   |
| 250 | 160 | 22                     | R08      | 28                   | 43     | 41     | 37.5             | 30           | 17                     | F426RS226J250(1)  | PHE426HR8220J(1)   |
| 250 | 160 | 27                     | R08      | 28                   | 43     | 41     | 37.5             | 30           | 17                     | F426RS276J250(1)  | PHE426HR8270J(1)   |
| 300 | 160 | 0.033                  | A01      | 4                    | 9      | 13     | 10               | 200          | 135                    | F426AG333J300(1)  | PHE426JA5330J(1)   |
| 300 | 160 | 0.039                  | A01      | 4                    | 9      | 13     | 10               | 200          | 135                    | F426AG393J300(1)  | PHE426JA5390J(1)   |
| 300 | 160 | 0.047                  | A01      | 4                    | 9      | 13     | 10               | 200          | 135                    | F426AG473J300(1)  | PHE426JA5470J(1)   |
| 300 | 160 | 0.056                  | A01      | 4                    | 9      | 13     | 10               | 200          | 135                    | F426AG563J300(1)  | PHE426JA5560J(1)   |
| 300 | 160 | 0.068                  | A02      | 4.5                  | 10.5   | 13     | 10               | 200          | 120                    | F426AH683J300(1)  | PHE426JA5680J(1)   |
| 300 | 160 | 0.082                  | A02      | 4.5                  | 10.5   | 13     | 10               | 200          | 120                    | F426AH823J300(1)  | PHE426JA5820J(1)   |
| 300 | 160 | 0.1                    | A03      | 5                    | 11     | 13     | 10               | 200          | 113                    | F426AK104J300(1)  | PHE426JA6100J(1)   |
| 300 | 160 | 0.12                   | A03      | 5                    | 11     | 13     | 10               | 200          | 113                    | F426AK124J300(1)  | PHE426JA6120J(1)   |
| 300 | 160 | 0.15                   | A04      | 6                    | 12     | 13     | 10               | 200          | 105                    | F426AP154J300(1)  | PHE426JA6150J(1)   |
| 300 | 160 | 0.1                    | B04      | 5.5                  | 10.5   | 18     | 15               | 150          | 99                     | F426BD104J300(1)  | PHE426JB6100J(1)   |
| 300 | 160 | 0.12                   | B04      | 5.5                  | 10.5   | 18     | 15               | 150          | 99                     | F426BD124J300(1)  | PHE426JB6120J(1)   |
| 300 | 160 | 0.15                   | B04      | 5.5                  | 10.5   | 18     | 15               | 150          | 99                     | F426BD154J300(1)  | PHE426JB6150J(1)   |
| 300 | 160 | 0.18                   | B05      | 5.5                  | 12.5   | 18     | 15               | 150          | 85                     | F426BE184J300(1)  | PHE426JB6180J(1)   |
| 300 | 160 | 0.22                   | B15      | 6                    | 12     | 18     | 15               | 150          | 83                     | F426BG224J300(1)  | PHE426JB6220J(1)   |
| 300 | 160 | 0.27                   | B10      | 6.5                  | 12.5   | 18     | 15               | 150          | 82                     | F426BJ274J300(1)  | PHE426JB6270J(1)   |
| 300 | 160 | 0.33                   | B06      | 7.5                  | 14.5   | 18     | 15               | 150          | 74                     | F426BL334J300(1)  | PHE426JB6330J(1)   |
| 300 | 160 | 0.39                   | B06      | 7.5                  | 14.5   | 18     | 15               | 150          | 74                     | F426BL394J300(1)  | PHE426JB6390J(1)   |
| 300 | 160 | 0.47                   | B12      | 8                    | 15     | 18     | 15               | 150          | 71                     | F426BM474J300(1)  | PHE426JB6470J(1)   |
| 300 | 160 | 0.56                   | B11      | 8.5                  | 16     | 18     | 15               | 150          | 64                     | F426BQ564J300(1)  | PHE426JB6560J(1)   |
| 300 | 160 | 0.68                   | B14      | 9.5                  | 17.5   | 18     | 15               | 150          | 60                     | F426BV684J300(1)  | PHE426JB6680J(1)   |
| 300 | 160 | 0.33                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 100          | 58                     | F426DD334J300(1)  | PHE426JD6330J(1)   |
| VDC | VAC | Capacitance Value (µF) | Box Code | T (mm)               | H (mm) | L (mm) | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |

\* Please note: These articles have a box code included in the article code.

(1) Insert lead and packaging code. See Ordering Options Table for available options.

**Table 1 – Ratings & Part Number Reference cont.**

| VDC | VAC | Capacitance Value (µF) | Box Code | Max Dimensions in mm |        |        | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |
|-----|-----|------------------------|----------|----------------------|--------|--------|------------------|--------------|------------------------|-------------------|--------------------|
|     |     |                        |          | T                    | H      | L      |                  |              |                        |                   |                    |
| 300 | 160 | 0.39                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 100          | 58                     | F426DD394J300(1)  | PHE426JD6390J(1)   |
| 300 | 160 | 0.47                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 100          | 58                     | F426DD474J300(1)  | PHE426JD6470J(1)   |
| 300 | 160 | 0.56                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 100          | 58                     | F426DD564J300(1)  | PHE426JD6560J(1)   |
| 300 | 160 | 0.68                   | D17      | 7                    | 16.5   | 26     | 22.5             | 100          | 53                     | F426DF684J300(1)  | PHE426JD6680J(1)   |
| 300 | 160 | 0.82                   | D14      | 8                    | 16     | 26     | 22.5             | 100          | 53                     | F426DH824J300(1)  | PHE426JD6820J(1)   |
| 300 | 160 | 1                      | D15      | 9                    | 18.5   | 26     | 22.5             | 100          | 48                     | F426DM105J300(1)  | PHE426JD7100J(1)   |
| 300 | 160 | 1.2                    | D18      | 10.5                 | 19     | 26     | 22.5             | 100          | 45                     | F426DR125J300(1)  | PHE426JD7120J(1)   |
| 300 | 160 | 1.5                    | D16      | 11                   | 21.5   | 26     | 22.5             | 100          | 40                     | F426DT155J300(1)  | PHE426JD7150J(1)   |
| 300 | 160 | 1.8                    | D20      | 13.5                 | 23     | 26     | 22.5             | 100          | 40                     | F426DW185J300(1)  | PHE426JD7180J(1)   |
| 300 | 160 | 2.2                    | D20      | 13.5                 | 23     | 26     | 22.5             | 100          | 40                     | F426DW225J300(1)  | PHE426JD7220J(1)   |
| 300 | 160 | 2.7                    | D19      | 15.5                 | 24.5   | 26     | 22.5             | 100          | 40                     | F426DY275J300(1)  | PHE426JD7270J(1)   |
| 300 | 160 | 1                      | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 70           | 37                     | F426FE105J300(1)  | PHE426JF7100J(1)   |
| 300 | 160 | 1.2                    | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 70           | 37                     | F426FE125J300(1)  | PHE426JF7120J(1)   |
| 300 | 160 | 1.5                    | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 70           | 37                     | F426FE155J300(1)  | PHE426JF7150J(1)   |
| 300 | 160 | 1.8                    | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 70           | 37                     | F426FE185J300(1)  | PHE426JF7180J(1)   |
| 300 | 160 | 1.8                    | F17      | 21                   | 12.5   | 31.5   | 27.5             | 70           | 37                     | F426TH185J300(1)  | PHE426JT7180J(1)   |
| 300 | 160 | 2.2                    | F12      | 11.5                 | 22.5   | 31.5   | 27.5             | 70           | 34                     | F426TG225J300(1)  | PHE426JT7220J(1)   |
| 300 | 160 | 2.7                    | F03      | 13.5                 | 23     | 31.5   | 27.5             | 70           | 33                     | F426FK275J300(1)  | PHE426JF7270J(1)   |
| 300 | 160 | 3.3                    | F13      | 14.5                 | 24.5   | 31.5   | 27.5             | 70           | 32                     | F426FM335J300(1)  | PHE426JF7330J(1)   |
| 300 | 160 | 3.9                    | F14      | 17.5                 | 28     | 31.5   | 27.5             | 70           | 28                     | F426FR395J300(1)  | PHE426JF7390J(1)   |
| 300 | 160 | 3.9                    | F19      | 27.5                 | 16     | 31.5   | 27.5             | 70           | 28                     | F426TQ395J300(1)  | PHE426JT7390J(1)   |
| 300 | 160 | 4.7                    | F14      | 17.5                 | 28     | 31.5   | 27.5             | 70           | 28                     | F426FR475J300(1)  | PHE426JF7470J(1)   |
| 300 | 160 | 5.6                    | F15      | 19                   | 29     | 31.5   | 27.5             | 70           | 26                     | F426FS565J300(1)  | PHE426JF7560J(1)   |
| 300 | 160 | 5.6                    | F18      | 31                   | 19     | 31.5   | 27.5             | 70           | 26                     | F426TT565J300(1)  | PHE426JT7560J(1)   |
| 300 | 160 | 6.8                    | F16      | 21                   | 30     | 31.5   | 27.5             | 70           | 26                     | F426FV685J300(1)  | PHE426JF7680J(1)   |
| 300 | 160 | 3.3                    | R05      | 13                   | 24     | 41     | 37.5             | 40           | 27                     | F426RF335J300(1)  | PHE426JR7330J(1)   |
| 300 | 160 | 3.9                    | R05      | 13                   | 24     | 41     | 37.5             | 40           | 27                     | F426RF395J300(1)  | PHE426JR7390J(1)   |
| 300 | 160 | 4.7                    | R04      | 15                   | 26     | 41     | 37.5             | 40           | 25                     | F426RH475J300(1)  | PHE426JR7470J(1)   |
| 300 | 160 | 5.6                    | R02      | 16.5                 | 32     | 41     | 37.5             | 40           | 21                     | F426RD565J300(1)  | PHE426JR7560J(1)   |
| 300 | 160 | 6.8                    | R02      | 16.5                 | 32     | 41     | 37.5             | 40           | 21                     | F426RD685J300(1)  | PHE426JR7680J(1)   |
| 300 | 160 | 8.2                    | R03      | 19                   | 36     | 41     | 37.5             | 40           | 19                     | F426RM825J300(1)  | PHE426JR7820J(1)   |
| 300 | 160 | 10                     | R03      | 19                   | 36     | 41     | 37.5             | 40           | 19                     | F426RM106J300(1)  | PHE426JR8100J(1)   |
| 300 | 160 | 12                     | R06      | 21                   | 38     | 41     | 37.5             | 40           | 17                     | F426RP126J300(1)  | PHE426JR8120J(1)   |
| 300 | 160 | 15                     | R08      | 28                   | 43     | 41     | 37.5             | 40           | 17                     | F426RS156J300(1)  | PHE426JR8150J(1)   |
| 300 | 160 | 18                     | R08      | 28                   | 43     | 41     | 37.5             | 40           | 17                     | F426RS186J300(1)  | PHE426JR8180J(1)   |
| 400 | 220 | 0.001                  | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF102J400(1)  | PHE426KJ4100J(1)   |
| 400 | 220 | 0.0012                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF122J400(1)  | PHE426KJ4120J(1)   |
| 400 | 220 | 0.0015                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF152J400(1)  | PHE426KJ4150J(1)   |
| 400 | 220 | 0.0018                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF182J400(1)  | PHE426KJ4180J(1)   |
| 400 | 220 | 0.0022                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF222J400(1)  | PHE426KJ4220J(1)   |
| 400 | 220 | 0.0027                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF272J400(1)  | PHE426KJ4270J(1)   |
| 400 | 220 | 0.0033                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF332J400(1)  | PHE426KJ4330J(1)   |
| 400 | 220 | 0.0039                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF392J400(1)  | PHE426KJ4390J(1)   |
| 400 | 220 | 0.0047                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF472J400(1)  | PHE426KJ4470J(1)   |
| 400 | 220 | 0.0056                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF562J400(1)  | PHE426KJ4560J(1)   |
| 400 | 220 | 0.0068                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF682J400(1)  | PHE426KJ4680J(1)   |
| 400 | 220 | 0.0082                 | J02      | 3.5                  | 8      | 7.2    | 5                | 30           | 230                    | F426JJ822J400(1)  | PHE426KJ4820J(1)   |
| 400 | 220 | 0.01                   | J02      | 3.5                  | 8      | 7.2    | 5                | 30           | 230                    | F426JJ103J400(1)  | PHE426KJ5100J(1)   |
| 400 | 220 | 0.012                  | J02      | 3.5                  | 8      | 7.2    | 5                | 30           | 230                    | F426JJ123J400(1)  | PHE426KJ5120J(1)   |
| 400 | 220 | 0.015                  | J02      | 3.5                  | 8      | 7.2    | 5                | 30           | 230                    | F426JJ153J400(1)  | PHE426KJ5150J(1)   |
| 400 | 220 | 0.018                  | J02      | 3.5                  | 8      | 7.2    | 5                | 30           | 230                    | F426JJ183J400(1)  | PHE426KJ5180J(1)   |
| 400 | 220 | 0.022                  | J02      | 3.5                  | 8      | 7.2    | 5                | 30           | 230                    | F426JJ223J400(1)  | PHE426KJ5220J(1)   |
| 400 | 220 | 0.027                  | J03      | 4.5                  | 9      | 7.2    | 5                | 30           | 230                    | F426JL273J400(1)  | PHE426KJ5270J(1)   |
| VDC | VAC | Capacitance Value (µF) | Box Code | T (mm)               | H (mm) | L (mm) | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |

\* Please note: These articles have a box code included in the article code.

(1) Insert lead and packaging code. See Ordering Options Table for available options.

**Table 1 – Ratings & Part Number Reference cont.**

| VDC | VAC | Capacitance Value (µF) | Box Code | Max Dimensions in mm |        |        | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |
|-----|-----|------------------------|----------|----------------------|--------|--------|------------------|--------------|------------------------|-------------------|--------------------|
|     |     |                        |          | T                    | H      | L      |                  |              |                        |                   |                    |
| 400 | 220 | 0.033                  | J03      | 4.5                  | 9      | 7.2    | 5                | 30           | 230                    | F426JL333J400(1)  | PHE426KJ5330J(1)   |
| 400 | 220 | 0.039                  | J04      | 5                    | 10     | 7.2    | 5                | 30           | 230                    | F426JQ393J400(1)  | PHE426KJ5390J(1)   |
| 400 | 220 | 0.047                  | J05      | 6                    | 11     | 7.2    | 5                | 30           | 230                    | F426JT473J400(1)  | PHE426KJ5470J(1)   |
| 400 | 220 | 0.056                  | J05      | 6                    | 11     | 7.2    | 5                | 30           | 230                    | F426JT563J400(1)  | PHE426KJ5560J(1)   |
| 400 | 220 | 0.068                  | J06      | 7.2                  | 13     | 7.2    | 5                | 30           | 230                    | F426JU683J400(1)  | PHE426KJ5680J(1)   |
| 400 | 220 | 0.001                  | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF102J400(1)  | PHE426KK4100J(1)   |
| 400 | 220 | 0.0012                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF122J400(1)  | PHE426KK4120J(1)   |
| 400 | 220 | 0.0015                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF152J400(1)  | PHE426KK4150J(1)   |
| 400 | 220 | 0.0018                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF182J400(1)  | PHE426KK4180J(1)   |
| 400 | 220 | 0.0022                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF222J400(1)  | PHE426KK4220J(1)   |
| 400 | 220 | 0.0027                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF272J400(1)  | PHE426KK4270J(1)   |
| 400 | 220 | 0.0033                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF332J400(1)  | PHE426KK4330J(1)   |
| 400 | 220 | 0.0039                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF392J400(1)  | PHE426KK4390J(1)   |
| 400 | 220 | 0.0047                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF472J400(1)  | PHE426KK4470J(1)   |
| 400 | 220 | 0.0056                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF562J400(1)  | PHE426KK4560J(1)   |
| 400 | 220 | 0.0068                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF682J400(1)  | PHE426KK4680J(1)   |
| 400 | 220 | 0.0082                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF822J400(1)  | PHE426KK4820J(1)   |
| 400 | 220 | 0.01                   | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF103J400(1)  | PHE426KK5100J(1)   |
| 400 | 220 | 0.012                  | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF123J400(1)  | PHE426KK5120J(1)   |
| 400 | 220 | 0.015                  | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF153J400(1)  | PHE426KK5150J(1)   |
| 400 | 220 | 0.018                  | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF183J400(1)  | PHE426KK5180J(1)   |
| 400 | 220 | 0.022                  | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF223J400(1)  | PHE426KK5220J(1)   |
| 400 | 220 | 0.027                  | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF273J400(1)  | PHE426KK5270J(1)   |
| 400 | 220 | 0.033                  | K03      | 5                    | 11     | 10     | 7.5              | 200          | 160                    | F426KK333J400(1)  | PHE426KK5330J(1)   |
| 400 | 220 | 0.039                  | K03      | 5                    | 11     | 10     | 7.5              | 200          | 160                    | F426KK393J400(1)  | PHE426KK5390J(1)   |
| 400 | 220 | 0.047                  | K03      | 5                    | 11     | 10     | 7.5              | 200          | 160                    | F426KK473J400(1)  | PHE426KK5470J(1)   |
| 400 | 220 | 0.056                  | K04      | 6                    | 12     | 10.5   | 7.5              | 200          | 160                    | F426KM563J400(1)  | PHE426KK5560J(1)   |
| 400 | 220 | 0.068                  | K04      | 6                    | 12     | 10.5   | 7.5              | 200          | 160                    | F426KM683J400(1)  | PHE426KK5680J(1)   |
| 400 | 220 | 0.022                  | A01      | 4                    | 9      | 13     | 10               | 300          | 135                    | F426AG223J400(1)  | PHE426KA5220J(1)   |
| 400 | 220 | 0.027                  | A01      | 4                    | 9      | 13     | 10               | 300          | 135                    | F426AG273J400(1)  | PHE426KA5270J(1)   |
| 400 | 220 | 0.033                  | A02      | 4.5                  | 10.5   | 13     | 10               | 300          | 120                    | F426AH333J400(1)  | PHE426KA5330J(1)   |
| 400 | 220 | 0.039                  | A02      | 4.5                  | 10.5   | 13     | 10               | 300          | 120                    | F426AH393J400(1)  | PHE426KA5390J(1)   |
| 400 | 220 | 0.047                  | A02      | 4.5                  | 10.5   | 13     | 10               | 300          | 120                    | F426AH473J400(1)  | PHE426KA5470J(1)   |
| 400 | 220 | 0.056                  | A03      | 5                    | 11     | 13     | 10               | 300          | 113                    | F426AK563J400(1)  | PHE426KA5560J(1)   |
| 400 | 220 | 0.068                  | A04      | 6                    | 12     | 13     | 10               | 300          | 105                    | F426AP683J400(1)  | PHE426KA5680J(1)   |
| 400 | 220 | 0.082                  | A04      | 6                    | 12     | 13     | 10               | 300          | 105                    | F426AP823J400(1)  | PHE426KA5820J(1)   |
| 400 | 220 | 0.068                  | B04      | 5.5                  | 10.5   | 18     | 15               | 200          | 99                     | F426BD683J400(1)  | PHE426KB5680J(1)   |
| 400 | 220 | 0.082                  | B04      | 5.5                  | 10.5   | 18     | 15               | 200          | 99                     | F426BD823J400(1)  | PHE426KB5820J(1)   |
| 400 | 220 | 0.1                    | B04      | 5.5                  | 10.5   | 18     | 15               | 200          | 99                     | F426BD104J400(1)  | PHE426KB6100J(1)   |
| 400 | 220 | 0.12                   | B05      | 5.5                  | 12.5   | 18     | 15               | 200          | 85                     | F426BE124J400(1)  | PHE426KB6120J(1)   |
| 400 | 220 | 0.15                   | B10      | 6.5                  | 12.5   | 18     | 15               | 200          | 84                     | F426BJ154J400(1)  | PHE426KB6150J(1)   |
| 400 | 220 | 0.18                   | B06      | 7.5                  | 14.5   | 18     | 15               | 200          | 74                     | F426BL184J400(1)  | PHE426KB6180J(1)   |
| 400 | 220 | 0.22                   | B06      | 7.5                  | 14.5   | 18     | 15               | 200          | 74                     | F426BL224J400(1)  | PHE426KB6220J(1)   |
| 400 | 220 | 0.27                   | B12      | 8                    | 15     | 18     | 15               | 200          | 71                     | F426BM274J400(1)  | PHE426KB6270J(1)   |
| 400 | 220 | 0.33                   | B11      | 8.5                  | 16     | 18     | 15               | 200          | 64                     | F426BQ334J400(1)  | PHE426KB6330J(1)   |
| 400 | 220 | 0.39                   | B14      | 9.5                  | 17.5   | 18     | 15               | 200          | 60                     | F426BV394J400(1)  | PHE426KB6390J(1)   |
| 400 | 220 | 0.47                   | B14      | 9.5                  | 17.5   | 18     | 15               | 200          | 60                     | F426BV474J400(1)  | PHE426KB6470J(1)   |
| 400 | 220 | 0.18                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 150          | 58                     | F426DD184J400(1)  | PHE426KD6180J(1)   |
| 400 | 220 | 0.22                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 150          | 58                     | F426DD224J400(1)  | PHE426KD6220J(1)   |
| 400 | 220 | 0.27                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 150          | 58                     | F426DD274J400(1)  | PHE426KD6270J(1)   |
| 400 | 220 | 0.33                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 150          | 58                     | F426DD334J400(1)  | PHE426KD6330J(1)   |
| 400 | 220 | 0.39                   | D17      | 7                    | 16.5   | 26     | 22.5             | 150          | 53                     | F426DF394J400(1)  | PHE426KD6390J(1)   |
| 400 | 220 | 0.47                   | D14      | 8                    | 16     | 26     | 22.5             | 150          | 53                     | F426DH474J400(1)  | PHE426KD6470J(1)   |
| VDC | VAC | Capacitance Value (µF) | Box Code | T (mm)               | H (mm) | L (mm) | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |

\* Please note: These articles have a box code included in the article code.

(1) Insert lead and packaging code. See Ordering Options Table for available options.

**Table 1 – Ratings & Part Number Reference cont.**

| VDC | VAC | Capacitance Value (µF) | Box Code | Max Dimensions in mm |        |        | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |
|-----|-----|------------------------|----------|----------------------|--------|--------|------------------|--------------|------------------------|-------------------|--------------------|
|     |     |                        |          | T                    | H      | L      |                  |              |                        |                   |                    |
| 400 | 220 | 0.56                   | D15      | 9                    | 18.5   | 26     | 22.5             | 150          | 48                     | F426DM564J400(1)  | PHE426KD6560J(1)   |
| 400 | 220 | 0.68                   | D15      | 9                    | 18.5   | 26     | 22.5             | 150          | 48                     | F426DM684J400(1)  | PHE426KD6680J(1)   |
| 400 | 220 | 0.82                   | D18      | 10.5                 | 19     | 26     | 22.5             | 150          | 45                     | F426DR824J400(1)  | PHE426KD6820J(1)   |
| 400 | 220 | 1                      | D16      | 11                   | 21.5   | 26     | 22.5             | 150          | 40                     | F426DT105J400(1)  | PHE426KD7100J(1)   |
| 400 | 220 | 1.2                    | D20      | 13.5                 | 23     | 26     | 22.5             | 150          | 40                     | F426DW125J400(1)  | PHE426KD7120J(1)   |
| 400 | 220 | 1.5                    | D20      | 13.5                 | 23     | 26     | 22.5             | 150          | 40                     | F426DW155J400(1)  | PHE426KD7150J(1)   |
| 400 | 220 | 1.8                    | D19      | 15.5                 | 24.5   | 26     | 22.5             | 150          | 40                     | F426DY185J400(1)  | PHE426KD7180J(1)   |
| 400 | 220 | 0.56                   | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 90           | 37                     | F426FE564J400(1)  | PHE426KF6560J(1)   |
| 400 | 220 | 0.68                   | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 90           | 37                     | F426FE684J400(1)  | PHE426KF6680J(1)   |
| 400 | 220 | 0.82                   | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 90           | 37                     | F426FE824J400(1)  | PHE426KF6820J(1)   |
| 400 | 220 | 1                      | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 90           | 34                     | F426FE105J400(1)  | PHE426KF7100J(1)   |
| 400 | 220 | 1.2                    | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 90           | 34                     | F426FE125J400(1)  | PHE426KF7120J(1)   |
| 400 | 220 | 1.2                    | F17      | 21                   | 12.5   | 31.5   | 27.5             | 90           | 34                     | F426TH125J400(1)  | PHE426KF7120J(1)   |
| 400 | 220 | 1.5                    | F12      | 11.5                 | 22.5   | 31.5   | 27.5             | 90           | 32                     | F426FG155J400(1)  | PHE426KF7150J(1)   |
| 400 | 220 | 1.8                    | F03      | 13.5                 | 23     | 31.5   | 27.5             | 90           | 28                     | F426FK185J400(1)  | PHE426KF7180J(1)   |
| 400 | 220 | 2.2                    | F13      | 14.5                 | 24.5   | 31.5   | 27.5             | 90           | 28                     | F426FM225J400(1)  | PHE426KF7220J(1)   |
| 400 | 220 | 2.7                    | F14      | 17.5                 | 28     | 31.5   | 27.5             | 90           | 26                     | F426FR275J400(1)  | PHE426KF7270J(1)   |
| 400 | 220 | 2.7                    | F19      | 27.5                 | 16     | 31.5   | 27.5             | 90           | 26                     | F426TQ275J400(1)  | PHE426KT7270J(1)   |
| 400 | 220 | 3.3                    | F15      | 19                   | 29     | 31.5   | 27.5             | 90           | 26                     | F426FS335J400(1)  | PHE426KF7330J(1)   |
| 400 | 220 | 3.9                    | F16      | 21                   | 30     | 31.5   | 27.5             | 90           | 26                     | F426FV395J400(1)  | PHE426KF7390J(1)   |
| 400 | 220 | 3.9                    | F18      | 31                   | 19     | 31.5   | 27.5             | 90           | 26                     | F426TT395J400(1)  | PHE426KT7390J(1)   |
| 400 | 220 | 1.5                    | R05      | 13                   | 24     | 41     | 37.5             | 60           | 27                     | F426RF155J400(1)  | PHE426KR7150J(1)   |
| 400 | 220 | 1.8                    | R05      | 13                   | 24     | 41     | 37.5             | 60           | 27                     | F426RF185J400(1)  | PHE426KR7180J(1)   |
| 400 | 220 | 2.2                    | R05      | 13                   | 24     | 41     | 37.5             | 60           | 27                     | F426RF225J400(1)  | PHE426KR7220J(1)   |
| 400 | 220 | 2.7                    | R04      | 15                   | 26     | 41     | 37.5             | 60           | 25                     | F426RH275J400(1)  | PHE426KR7270J(1)   |
| 400 | 220 | 3.3                    | R02      | 16.5                 | 32     | 41     | 37.5             | 60           | 21                     | F426RD335J400(1)  | PHE426KR7330J(1)   |
| 400 | 220 | 3.9                    | R02      | 16.5                 | 32     | 41     | 37.5             | 60           | 21                     | F426RD395J400(1)  | PHE426KR7390J(1)   |
| 400 | 220 | 4.7                    | R03      | 19                   | 36     | 41     | 37.5             | 60           | 19                     | F426RM475J400(1)  | PHE426KR7470J(1)   |
| 400 | 220 | 5.6                    | R03      | 19                   | 36     | 41     | 37.5             | 60           | 19                     | F426RM565J400(1)  | PHE426KR7560J(1)   |
| 400 | 220 | 6.8                    | R06      | 21                   | 38     | 41     | 37.5             | 60           | 17                     | F426RP685J400(1)  | PHE426KR7680J(1)   |
| 400 | 220 | 8.2                    | R08      | 28                   | 43     | 41     | 37.5             | 60           | 17                     | F426RS825J400(1)  | PHE426KR7820J(1)   |
| 400 | 220 | 10                     | R08      | 28                   | 43     | 41     | 37.5             | 60           | 17                     | F426RS106J400(1)  | PHE426KR8100J(1)   |
| 450 | 220 | 0.1                    | B04      | 5.5                  | 10.5   | 18     | 15               | 200          | 99                     | F426BD104J450(1)  | PHE426LB6100J(1)   |
| 450 | 220 | 0.12                   | B05      | 5.5                  | 12.5   | 18     | 15               | 200          | 85                     | F426BE124J450(1)  | PHE426LB6120J(1)   |
| 450 | 220 | 0.15                   | B10      | 6.5                  | 12.5   | 18     | 15               | 200          | 84                     | F426BJ154J450(1)  | PHE426LB6150J(1)   |
| 450 | 220 | 0.18                   | B06      | 7.5                  | 14.5   | 18     | 15               | 200          | 74                     | F426BL184J450(1)  | PHE426LB6180J(1)   |
| 450 | 220 | 0.22                   | B06      | 7.5                  | 14.5   | 18     | 15               | 200          | 74                     | F426BL224J450(1)  | PHE426LB6220J(1)   |
| 450 | 220 | 0.27                   | B12      | 8                    | 15     | 18     | 15               | 200          | 71                     | F426BM274J450(1)  | PHE426LB6270J(1)   |
| 450 | 220 | 0.33                   | B11      | 8.5                  | 16     | 18     | 15               | 200          | 64                     | F426BQ334J450(1)  | PHE426LB6330J(1)   |
| 450 | 220 | 0.39                   | B14      | 9.5                  | 17.5   | 18     | 15               | 200          | 60                     | F426BV394J450(1)  | PHE426LB6390J(1)   |
| 450 | 220 | 0.47                   | B14      | 9.5                  | 17.5   | 18     | 15               | 200          | 60                     | F426BV474J450(1)  | PHE426LB6470J(1)   |
| 450 | 220 | 0.18                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 150          | 58                     | F426DD184J450(1)  | PHE426LD6180J(1)   |
| 450 | 220 | 0.22                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 150          | 58                     | F426DD224J450(1)  | PHE426LD6220J(1)   |
| 450 | 220 | 0.27                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 150          | 58                     | F426DD274J450(1)  | PHE426LD6270J(1)   |
| 450 | 220 | 0.33                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 150          | 58                     | F426DD334J450(1)  | PHE426LD6330J(1)   |
| 450 | 220 | 0.39                   | D17      | 7                    | 16.5   | 26     | 22.5             | 150          | 53                     | F426DF394J450(1)  | PHE426LD6390J(1)   |
| 450 | 220 | 0.47                   | D14      | 8                    | 16     | 26     | 22.5             | 150          | 53                     | F426DH474J450(1)  | PHE426LD6470J(1)   |
| 450 | 220 | 0.56                   | D15      | 9                    | 18.5   | 26     | 22.5             | 150          | 48                     | F426DM564J450(1)  | PHE426LD6560J(1)   |
| 450 | 220 | 0.68                   | D15      | 9                    | 18.5   | 26     | 22.5             | 150          | 48                     | F426DM684J450(1)  | PHE426LD6680J(1)   |
| 450 | 220 | 0.82                   | D18      | 10.5                 | 19     | 26     | 22.5             | 150          | 45                     | F426DR824J450(1)  | PHE426LD6820J(1)   |
| 450 | 220 | 1                      | D16      | 11                   | 21.5   | 26     | 22.5             | 150          | 40                     | F426DT105J450(1)  | PHE426LD7100J(1)   |
| 450 | 220 | 1.2                    | D20      | 13.5                 | 23     | 26     | 22.5             | 150          | 40                     | F426DW125J450(1)  | PHE426LD7120J(1)   |
| 450 | 220 | 1.5                    | D20      | 13.5                 | 23     | 26     | 22.5             | 150          | 40                     | F426DW155J450(1)  | PHE426LD7150J(1)   |
| VDC | VAC | Capacitance Value (µF) | Box Code | T (mm)               | H (mm) | L (mm) | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |

\* Please note: These articles have a box code included in the article code.

(1) Insert lead and packaging code. See Ordering Options Table for available options.

**Table 1 – Ratings & Part Number Reference cont.**

| VDC | VAC | Capacitance Value (µF) | Box Code | Max Dimensions in mm |        |        | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |
|-----|-----|------------------------|----------|----------------------|--------|--------|------------------|--------------|------------------------|-------------------|--------------------|
|     |     |                        |          | T                    | H      | L      |                  |              |                        |                   |                    |
| 450 | 220 | 1.8                    | D19      | 15.5                 | 24.5   | 26     | 22.5             | 150          | 40                     | F426DY185J450(1)  | PHE426LD7180J(1)   |
| 450 | 220 | 0.56                   | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 90           | 37                     | F426FE564J450(1)  | PHE426LF6560J(1)   |
| 450 | 220 | 0.68                   | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 90           | 37                     | F426FE684J450(1)  | PHE426LF6680J(1)   |
| 450 | 220 | 0.82                   | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 90           | 37                     | F426FE824J450(1)  | PHE426LF6820J(1)   |
| 450 | 220 | 1                      | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 90           | 34                     | F426FE105J450(1)  | PHE426LF7100J(1)   |
| 450 | 220 | 1.2                    | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 90           | 34                     | F426FE125J450(1)  | PHE426LF7120J(1)   |
| 450 | 220 | 1.5                    | F12      | 11.5                 | 22.5   | 31.5   | 27.5             | 90           | 32                     | F426FG155J450(1)  | PHE426LF7150J(1)   |
| 450 | 220 | 1.8                    | F03      | 13.5                 | 23     | 31.5   | 27.5             | 90           | 28                     | F426FK185J450(1)  | PHE426LF7180J(1)   |
| 450 | 220 | 2.2                    | F13      | 14.5                 | 24.5   | 31.5   | 27.5             | 90           | 28                     | F426FM225J450(1)  | PHE426LF7220J(1)   |
| 450 | 220 | 2.7                    | F14      | 17.5                 | 28     | 31.5   | 27.5             | 90           | 26                     | F426FR275J450(1)  | PHE426LF7270J(1)   |
| 450 | 220 | 3.3                    | F15      | 19                   | 29     | 31.5   | 27.5             | 90           | 26                     | F426FS335J450(1)  | PHE426LF7330J(1)   |
| 450 | 220 | 3.9                    | F16      | 21                   | 30     | 31.5   | 27.5             | 90           | 26                     | F426FV395J450(1)  | PHE426LF7390J(1)   |
| 600 | 250 | 0.001                  | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF102J600(1)  | PHE426MJ4100J(1)   |
| 600 | 250 | 0.0012                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF122J600(1)  | PHE426MJ4120J(1)   |
| 600 | 250 | 0.0015                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF152J600(1)  | PHE426MJ4150J(1)   |
| 600 | 250 | 0.0018                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF182J600(1)  | PHE426MJ4180J(1)   |
| 600 | 250 | 0.0022                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF222J600(1)  | PHE426MJ4220J(1)   |
| 600 | 250 | 0.0027                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF272J600(1)  | PHE426MJ4270J(1)   |
| 600 | 250 | 0.0033                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF332J600(1)  | PHE426MJ4330J(1)   |
| 600 | 250 | 0.0039                 | J01      | 2.5                  | 6.5    | 7.2    | 5                | 30           | 230                    | F426JF392J600(1)  | PHE426MJ4390J(1)   |
| 600 | 250 | 0.0047                 | J02      | 3.5                  | 8      | 7.2    | 5                | 30           | 230                    | F426JJ472J600(1)  | PHE426MJ4470J(1)   |
| 600 | 250 | 0.0056                 | J02      | 3.5                  | 8      | 7.2    | 5                | 30           | 230                    | F426JJ562J600(1)  | PHE426MJ4560J(1)   |
| 600 | 250 | 0.0068                 | J03      | 4.5                  | 9      | 7.2    | 5                | 30           | 230                    | F426JL682J600(1)  | PHE426MJ4680J(1)   |
| 600 | 250 | 0.0082                 | J03      | 4.5                  | 9      | 7.2    | 5                | 30           | 230                    | F426JL822J600(1)  | PHE426MJ4820J(1)   |
| 600 | 250 | 0.01                   | J03      | 4.5                  | 9      | 7.2    | 5                | 30           | 230                    | F426JL103J600(1)  | PHE426MJ5100J(1)   |
| 600 | 250 | 0.012                  | J04      | 5                    | 10     | 7.2    | 5                | 30           | 230                    | F426JQ123J600(1)  | PHE426MJ5120J(1)   |
| 600 | 250 | 0.015                  | J05      | 6                    | 11     | 7.2    | 5                | 30           | 230                    | F426JT153J600(1)  | PHE426MJ5150J(1)   |
| 600 | 250 | 0.018                  | J05      | 6                    | 11     | 7.2    | 5                | 30           | 230                    | F426JT183J600(1)  | PHE426MJ5180J(1)   |
| 600 | 250 | 0.022                  | J06      | 7.2                  | 13     | 7.2    | 5                | 30           | 230                    | F426JU223J600(1)  | PHE426MJ5220J(1)   |
| 600 | 250 | 0.027                  | J06      | 7.2                  | 13     | 7.2    | 5                | 30           | 230                    | F426JU273J600(1)  | PHE426MJ5270J(1)   |
| 600 | 250 | 0.033                  | J06      | 7.2                  | 13     | 7.2    | 5                | 30           | 230                    | F426JU333J600(1)  | PHE426MJ5330J(1)   |
| 600 | 250 | 0.039                  | J06      | 7.2                  | 13     | 7.2    | 5                | 30           | 230                    | F426JU393J600(1)  | PHE426MJ5390J(1)   |
| 600 | 250 | 0.047                  | J06      | 7.2                  | 13     | 7.2    | 5                | 30           | 230                    | F426JU473J600(1)  | PHE426MJ5470J(1)   |
| 600 | 250 | 0.001                  | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF102J600(1)  | PHE426MK4100J(1)   |
| 600 | 250 | 0.0012                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF122J600(1)  | PHE426MK4120J(1)   |
| 600 | 250 | 0.0015                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF152J600(1)  | PHE426MK4150J(1)   |
| 600 | 250 | 0.0018                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF182J600(1)  | PHE426MK4180J(1)   |
| 600 | 250 | 0.0022                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF222J600(1)  | PHE426MK4220J(1)   |
| 600 | 250 | 0.0027                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF272J600(1)  | PHE426MK4270J(1)   |
| 600 | 250 | 0.0033                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF332J600(1)  | PHE426MK4330J(1)   |
| 600 | 250 | 0.0039                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF392J600(1)  | PHE426MK4390J(1)   |
| 600 | 250 | 0.0047                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF472J600(1)  | PHE426MK4470J(1)   |
| 600 | 250 | 0.0056                 | K01      | 4                    | 8      | 10     | 7.5              | 200          | 160                    | F426KF562J600(1)  | PHE426MK4560J(1)   |
| 600 | 250 | 0.0068                 | K03      | 5                    | 11     | 10     | 7.5              | 200          | 160                    | F426KK682J600(1)  | PHE426MK4680J(1)   |
| 600 | 250 | 0.0082                 | K03      | 5                    | 11     | 10     | 7.5              | 200          | 160                    | F426KK822J600(1)  | PHE426MK4820J(1)   |
| 600 | 250 | 0.01                   | K03      | 5                    | 11     | 10     | 7.5              | 200          | 160                    | F426KK103J600(1)  | PHE426MK5100J(1)   |
| 600 | 250 | 0.012                  | K03      | 5                    | 11     | 10     | 7.5              | 200          | 160                    | F426KK123J600(1)  | PHE426MK5120J(1)   |
| 600 | 250 | 0.015                  | K04      | 6                    | 12     | 10.5   | 7.5              | 200          | 160                    | F426KM153J600(1)  | PHE426MK5150J(1)   |
| 600 | 250 | 0.018                  | K04      | 6                    | 12     | 10.5   | 7.5              | 200          | 160                    | F426KM183J600(1)  | PHE426MK5180J(1)   |
| 600 | 250 | 0.022                  | K04      | 6                    | 12     | 10.5   | 7.5              | 200          | 160                    | F426KM223J600(1)  | PHE426MK5220J(1)   |
| 600 | 250 | 0.027                  | K04      | 6                    | 12     | 10.5   | 7.5              | 200          | 160                    | F426KM273J600(1)  | PHE426MK5270J(1)   |
| 600 | 250 | 0.033                  | K04      | 6                    | 12     | 10.5   | 7.5              | 200          | 160                    | F426KM333J600(1)  | PHE426MK5330J(1)   |
| 600 | 250 | 0.01                   | A01      | 4                    | 9      | 13     | 10               | 400          | 135                    | F426AG103J600(1)  | PHE426MA5100J(1)   |
| VDC | VAC | Capacitance Value (µF) | Box Code | T (mm)               | H (mm) | L (mm) | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |

\* Please note: These articles have a box code included in the article code.

(1) Insert lead and packaging code. See Ordering Options Table for available options.

**Table 1 – Ratings & Part Number Reference cont.**

| VDC | VAC | Capacitance Value (µF) | Box Code | Max Dimensions in mm |        |        | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |
|-----|-----|------------------------|----------|----------------------|--------|--------|------------------|--------------|------------------------|-------------------|--------------------|
|     |     |                        |          | T                    | H      | L      |                  |              |                        |                   |                    |
| 600 | 250 | 0.012                  | A01      | 4                    | 9      | 13     | 10               | 400          | 135                    | F426AG123J600(1)  | PHE426MA5120J(1)   |
| 600 | 250 | 0.015                  | A01      | 4                    | 9      | 13     | 10               | 400          | 135                    | F426AG153J600(1)  | PHE426MA5150J(1)   |
| 600 | 250 | 0.018                  | A01      | 4                    | 9      | 13     | 10               | 400          | 135                    | F426AG183J600(1)  | PHE426MA5180J(1)   |
| 600 | 250 | 0.022                  | A02      | 4.5                  | 10.5   | 13     | 10               | 400          | 120                    | F426AH223J600(1)  | PHE426MA5220J(1)   |
| 600 | 250 | 0.027                  | A02      | 4.5                  | 10.5   | 13     | 10               | 400          | 120                    | F426AH273J600(1)  | PHE426MA5270J(1)   |
| 600 | 250 | 0.033                  | A03      | 5                    | 11     | 13     | 10               | 400          | 113                    | F426AK333J600(1)  | PHE426MA5330J(1)   |
| 600 | 250 | 0.039                  | A04      | 6                    | 12     | 13     | 10               | 400          | 105                    | F426AP393J600(1)  | PHE426MA5390J(1)   |
| 600 | 250 | 0.047                  | A04      | 6                    | 12     | 13     | 10               | 400          | 105                    | F426AP473J600(1)  | PHE426MA5470J(1)   |
| 600 | 250 | 0.033                  | B04      | 5.5                  | 10.5   | 18     | 15               | 300          | 99                     | F426BD333J600(1)  | PHE426MB5270J(1)   |
| 600 | 250 | 0.039                  | B04      | 5.5                  | 10.5   | 18     | 15               | 300          | 99                     | F426BD393J600(1)  | PHE426MB5390J(1)   |
| 600 | 250 | 0.047                  | B04      | 5.5                  | 10.5   | 18     | 15               | 300          | 99                     | F426BD473J600(1)  | PHE426MB5470J(1)   |
| 600 | 250 | 0.056                  | B05      | 5.5                  | 12.5   | 18     | 15               | 300          | 85                     | F426BE563J600(1)  | PHE426MB5560J(1)   |
| 600 | 250 | 0.068                  | B15      | 6                    | 12     | 18     | 15               | 300          | 83                     | F426BG683J600(1)  | PHE426MB5680J(1)   |
| 600 | 250 | 0.082                  | B10      | 6.5                  | 12.5   | 18     | 15               | 300          | 84                     | F426BJ823J600(1)  | PHE426MB5820J(1)   |
| 600 | 250 | 0.1                    | B06      | 7.5                  | 14.5   | 18     | 15               | 300          | 74                     | F426BL104J600(1)  | PHE426MB6100J(1)   |
| 600 | 250 | 0.12                   | B06      | 7.5                  | 14.5   | 18     | 15               | 300          | 74                     | F426BL124J600(1)  | PHE426MB6120J(1)   |
| 600 | 250 | 0.15                   | B11      | 8.5                  | 16     | 18     | 15               | 300          | 64                     | F426BQ154J600(1)  | PHE426MB6150J(1)   |
| 600 | 250 | 0.18                   | B14      | 9.5                  | 17.5   | 18     | 15               | 300          | 60                     | F426BV184J600(1)  | PHE426MB6180J(1)   |
| 600 | 250 | 0.22                   | B14      | 9.5                  | 17.5   | 18     | 15               | 300          | 60                     | F426BV224J600(1)  | PHE426MB6220J(1)   |
| 600 | 250 | 0.1                    | D13      | 6.5                  | 14.5   | 26     | 22.5             | 200          | 58                     | F426DD104J600(1)  | PHE426MD6100J(1)   |
| 600 | 250 | 0.12                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 200          | 58                     | F426DD124J600(1)  | PHE426MD6120J(1)   |
| 600 | 250 | 0.15                   | D13      | 6.5                  | 14.5   | 26     | 22.5             | 200          | 58                     | F426DD154J600(1)  | PHE426MD6150J(1)   |
| 600 | 250 | 0.18                   | D17      | 7                    | 16.5   | 26     | 22.5             | 200          | 53                     | F426DF184J600(1)  | PHE426MD6180J(1)   |
| 600 | 250 | 0.22                   | D14      | 8                    | 16     | 26     | 22.5             | 200          | 53                     | F426DH224J600(1)  | PHE426MD6220J(1)   |
| 600 | 250 | 0.27                   | D15      | 9                    | 18.5   | 26     | 22.5             | 200          | 48                     | F426DM274J600(1)  | PHE426MD6270J(1)   |
| 600 | 250 | 0.33                   | D15      | 9                    | 18.5   | 26     | 22.5             | 200          | 48                     | F426DM334J600(1)  | PHE426MD6330J(1)   |
| 600 | 250 | 0.39                   | D18      | 10.5                 | 19     | 26     | 22.5             | 200          | 45                     | F426DR394J600(1)  | PHE426MD6390J(1)   |
| 600 | 250 | 0.47                   | D16      | 11                   | 21.5   | 26     | 22.5             | 200          | 40                     | F426DT474J600(1)  | PHE426MD6470J(1)   |
| 600 | 250 | 0.56                   | D20      | 13.5                 | 23     | 26     | 22.5             | 200          | 40                     | F426DW564J600(1)  | PHE426MD6560J(1)   |
| 600 | 250 | 0.68                   | D19      | 15.5                 | 24.5   | 26     | 22.5             | 200          | 40                     | F426DY684J600(1)  | PHE426MD6680J(1)   |
| 600 | 250 | 0.82                   | D19      | 15.5                 | 24.5   | 26     | 22.5             | 200          | 40                     | F426DY824J600(1)  | PHE426MD6820J(1)   |
| 600 | 250 | 0.33                   | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 140          | 37                     | F426FE334J600(1)  | PHE426MF6330J(1)   |
| 600 | 250 | 0.39                   | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 140          | 37                     | F426FE394J600(1)  | PHE426MF6390J(1)   |
| 600 | 250 | 0.47                   | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 140          | 37                     | F426FE474J600(1)  | PHE426MF6470J(1)   |
| 600 | 250 | 0.56                   | F12      | 11.5                 | 22.5   | 31.5   | 27.5             | 140          | 34                     | F426FG564J600(1)  | PHE426MF6560J(1)   |
| 600 | 250 | 0.56                   | F17      | 21                   | 12.5   | 31.5   | 27.5             | 140          | 34                     | F426TH564J600(1)  | PHE426MT6560J(1)   |
| 600 | 250 | 0.68                   | F12      | 11.5                 | 22.5   | 31.5   | 27.5             | 140          | 34                     | F426FG684J600(1)  | PHE426MF6680J(1)   |
| 600 | 250 | 0.82                   | F03      | 13.5                 | 23     | 31.5   | 27.5             | 140          | 33                     | F426FK824J600(1)  | PHE426MF6820J(1)   |
| 600 | 250 | 1                      | F13      | 14.5                 | 24.5   | 31.5   | 27.5             | 140          | 32                     | F426FM105J600(1)  | PHE426MF7100J(1)   |
| 600 | 250 | 1.2                    | F14      | 17.5                 | 28     | 31.5   | 27.5             | 140          | 28                     | F426FR125J600(1)  | PHE426MF7120J(1)   |
| 600 | 250 | 1.2                    | F19      | 27.5                 | 16     | 31.5   | 27.5             | 140          | 28                     | F426TQ125J600(1)  | PHE426MT7120J(1)   |
| 600 | 250 | 1.5                    | F15      | 19                   | 29     | 31.5   | 27.5             | 140          | 26                     | F426FS155J600(1)  | PHE426MF7150J(1)   |
| 600 | 250 | 1.8                    | F16      | 21                   | 30     | 31.5   | 27.5             | 140          | 26                     | F426FV185J600(1)  | PHE426MF7180J(1)   |
| 600 | 250 | 1.8                    | F18      | 31                   | 19     | 31.5   | 27.5             | 140          | 26                     | F426TT185J600(1)  | PHE426MT7180J(1)   |
| 600 | 250 | 0.82                   | R05      | 13                   | 24     | 41     | 37.5             | 80           | 27                     | F426RF824J600(1)  | PHE426MR6820J(1)   |
| 600 | 250 | 1                      | R05      | 13                   | 24     | 41     | 37.5             | 80           | 27                     | F426RF105J600(1)  | PHE426MR7100J(1)   |
| 600 | 250 | 1.2                    | R04      | 15                   | 26     | 41     | 37.5             | 80           | 25                     | F426RH125J600(1)  | PHE426MR7120J(1)   |
| 600 | 250 | 1.5                    | R04      | 15                   | 26     | 41     | 37.5             | 80           | 25                     | F426RH155J600(1)  | PHE426MR7150J(1)   |
| 600 | 250 | 1.8                    | R02      | 16.5                 | 32     | 41     | 37.5             | 80           | 21                     | F426RD185J600(1)  | PHE426MR7180J(1)   |
| 600 | 250 | 2.2                    | R02      | 16.5                 | 32     | 41     | 37.5             | 80           | 21                     | F426RD225J600(1)  | PHE426MR7220J(1)   |
| 600 | 250 | 2.7                    | R03      | 19                   | 36     | 41     | 37.5             | 80           | 19                     | F426RM275J600(1)  | PHE426MR7270J(1)   |
| 600 | 250 | 3.3                    | R03      | 19                   | 36     | 41     | 37.5             | 80           | 19                     | F426RM335J600(1)  | PHE426MR7330J(1)   |
| 600 | 250 | 3.9                    | R06      | 21                   | 38     | 41     | 37.5             | 80           | 17                     | F426RP395J600(1)  | PHE426MR7390J(1)   |
| VDC | VAC | Capacitance Value (µF) | Box Code | T (mm)               | H (mm) | L (mm) | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |

\* Please note: These articles have a box code included in the article code.

(1) Insert lead and packaging code. See Ordering Options Table for available options.

**Table 1 – Ratings & Part Number Reference cont.**

| VDC  | VAC | Capacitance Value (µF) | Box Code | Max Dimensions in mm |        |        | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |
|------|-----|------------------------|----------|----------------------|--------|--------|------------------|--------------|------------------------|-------------------|--------------------|
|      |     |                        |          | T                    | H      | L      |                  |              |                        |                   |                    |
| 600  | 250 | 4.7                    | R08      | 28                   | 43     | 41     | 37.5             | 80           | 17                     | F426RS475J600(1)  | PHE426MR7470J(1)   |
| 600  | 250 | 5.6                    | R08      | 28                   | 43     | 41     | 37.5             | 80           | 17                     | F426RS565J600(1)  | PHE426MR7560J(1)   |
| 1000 | 250 | 0.0027                 | A01      | 4                    | 9      | 13     | 10               | 600          | 135                    | F426AG272J1K0(1)  | PHE426PA4270J(1)   |
| 1000 | 250 | 0.0033                 | A01      | 4                    | 9      | 13     | 10               | 600          | 135                    | F426AG332J1K0(1)  | PHE426PA4330J(1)   |
| 1000 | 250 | 0.0047                 | A01      | 4                    | 9      | 13     | 10               | 600          | 135                    | F426AG472J1K0(1)  | PHE426PA4470J(1)   |
| 1000 | 250 | 0.0056                 | A02      | 4.5                  | 10.5   | 13     | 10               | 600          | 120                    | F426AH562J1K0(1)  | PHE426PA4560J(1)   |
| 1000 | 250 | 0.0068                 | A02      | 4.5                  | 10.5   | 13     | 10               | 600          | 120                    | F426AH682J1K0(1)  | PHE426PA4680J(1)   |
| 1000 | 250 | 0.0082                 | A03      | 5                    | 11     | 13     | 10               | 600          | 113                    | F426AK822J1K0(1)  | PHE426PA4820J(1)   |
| 1000 | 250 | 0.01                   | A03      | 5                    | 11     | 13     | 10               | 600          | 113                    | F426AK103J1K0(1)  | PHE426PA5100J(1)   |
| 1000 | 250 | 0.012                  | A04      | 6                    | 12     | 13     | 10               | 600          | 105                    | F426AP123J1K0(1)  | PHE426PA5120J(1)   |
| 1000 | 250 | 0.015                  | A04      | 6                    | 12     | 13     | 10               | 600          | 105                    | F426AP153J1K0(1)  | PHE426PA5150J(1)   |
| 1000 | 250 | 0.01                   | B04      | 5.5                  | 10.5   | 18     | 15               | 450          | 99                     | F426BD103J1K0(1)  | PHE426PB5100J(1)   |
| 1000 | 250 | 0.012                  | B04      | 5.5                  | 10.5   | 18     | 15               | 450          | 99                     | F426BD123J1K0(1)  | PHE426PB5120J(1)   |
| 1000 | 250 | 0.015                  | B04      | 5.5                  | 10.5   | 18     | 15               | 450          | 99                     | F426BD153J1K0(1)  | PHE426PB5150J(1)   |
| 1000 | 250 | 0.018                  | B05      | 5.5                  | 12.5   | 18     | 15               | 450          | 85                     | F426BE183J1K0(1)  | PHE426PB5180J(1)   |
| 1000 | 250 | 0.022                  | B05      | 5.5                  | 12.5   | 18     | 15               | 450          | 85                     | F426BE223J1K0(1)  | PHE426PB5220J(1)   |
| 1000 | 250 | 0.027                  | B15      | 6                    | 12     | 18     | 15               | 450          | 83                     | F426BG273J1K0(1)  | PHE426PB5270J(1)   |
| 1000 | 250 | 0.033                  | B10      | 6.5                  | 12.5   | 18     | 15               | 450          | 84                     | F426BJ333J1K0(1)  | PHE426PB5330J(1)   |
| 1000 | 250 | 0.039                  | B06      | 7.5                  | 14.5   | 18     | 15               | 450          | 74                     | F426BL393J1K0(1)  | PHE426PB5390J(1)   |
| 1000 | 250 | 0.047                  | B06      | 7.5                  | 14.5   | 18     | 15               | 450          | 74                     | F426BL473J1K0(1)  | PHE426PB5470J(1)   |
| 1000 | 250 | 0.056                  | B11      | 8.5                  | 16     | 18     | 15               | 450          | 64                     | F426BQ563J1K0(1)  | PHE426PB5560J(1)   |
| 1000 | 250 | 0.068                  | B14      | 9.5                  | 17.5   | 18     | 15               | 450          | 60                     | F426BV683J1K0(1)  | PHE426PB5680J(1)   |
| 1000 | 250 | 0.082                  | B14      | 9.5                  | 17.5   | 18     | 15               | 450          | 60                     | F426BV823J1K0(1)  | PHE426PB5820J(1)   |
| 1000 | 250 | 0.1                    | B14      | 9.5                  | 17.5   | 18     | 15               | 450          | 60                     | F426BV104J1K0(1)  | PHE426PB6100J(1)   |
| 1000 | 250 | 0.033                  | D13      | 6.5                  | 14.5   | 26     | 22.5             | 300          | 58                     | F426DD333J1K0(1)  | PHE426PD5330J(1)   |
| 1000 | 250 | 0.039                  | D13      | 6.5                  | 14.5   | 26     | 22.5             | 300          | 58                     | F426DD393J1K0(1)  | PHE426PD5390J(1)   |
| 1000 | 250 | 0.047                  | D13      | 6.5                  | 14.5   | 26     | 22.5             | 300          | 58                     | F426DD473J1K0(1)  | PHE426PD5470J(1)   |
| 1000 | 250 | 0.056                  | D17      | 7                    | 16.5   | 26     | 22.5             | 300          | 53                     | F426DF563J1K0(1)  | PHE426PD5560J(1)   |
| 1000 | 250 | 0.068                  | D17      | 7                    | 16.5   | 26     | 22.5             | 300          | 53                     | F426DF683J1K0(1)  | PHE426PD5680J(1)   |
| 1000 | 250 | 0.082                  | D14      | 8                    | 16     | 26     | 22.5             | 300          | 53                     | F426DH823J1K0(1)  | PHE426PD5820J(1)   |
| 1000 | 250 | 0.1                    | D15      | 9                    | 18.5   | 26     | 22.5             | 300          | 48                     | F426DM104J1K0(1)  | PHE426PD6100J(1)   |
| 1000 | 250 | 0.12                   | D15      | 9                    | 18.5   | 26     | 22.5             | 300          | 48                     | F426DM124J1K0(1)  | PHE426PD6120J(1)   |
| 1000 | 250 | 0.15                   | D18      | 10.5                 | 19     | 26     | 22.5             | 300          | 45                     | F426DR154J1K0(1)  | PHE426PD6150J(1)   |
| 1000 | 250 | 0.18                   | D16      | 11                   | 21.5   | 26     | 22.5             | 300          | 40                     | F426DT184J1K0(1)  | PHE426PD6180J(1)   |
| 1000 | 250 | 0.22                   | D16      | 11                   | 21.5   | 26     | 22.5             | 300          | 40                     | F426DT224J1K0(1)  | PHE426PD6220J(1)   |
| 1000 | 250 | 0.27                   | D19      | 15.5                 | 24.5   | 26     | 22.5             | 300          | 40                     | F426DY274J1K0(1)  | PHE426PD6270J(1)   |
| 1000 | 250 | 0.1                    | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 180          | 37                     | F426FE104J1K0(1)  | PHE426PF6100J(1)   |
| 1000 | 250 | 0.12                   | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 180          | 37                     | F426FE124J1K0(1)  | PHE426PF6120J(1)   |
| 1000 | 250 | 0.15                   | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 180          | 37                     | F426FE154J1K0(1)  | PHE426PF6150J(1)   |
| 1000 | 250 | 0.18                   | F11      | 10.5                 | 20.5   | 31.5   | 27.5             | 180          | 37                     | F426FE184J1K0(1)  | PHE426PF6180J(1)   |
| 1000 | 250 | 0.18                   | F17      | 21                   | 12.5   | 31.5   | 27.5             | 180          | 37                     | F426TH184J1K0(1)  | PHE426PT6180J(1)   |
| 1000 | 250 | 0.22                   | F12      | 11.5                 | 22.5   | 31.5   | 27.5             | 180          | 34                     | F426FG224J1K0(1)  | PHE426PF6220J(1)   |
| 1000 | 250 | 0.27                   | F03      | 13.5                 | 23     | 31.5   | 27.5             | 180          | 33                     | F426FK274J1K0(1)  | PHE426PF6270J(1)   |
| 1000 | 250 | 0.33                   | F13      | 14.5                 | 24.5   | 31.5   | 27.5             | 180          | 32                     | F426FM334J1K0(1)  | PHE426PF6330J(1)   |
| 1000 | 250 | 0.39                   | F14      | 17.5                 | 28     | 31.5   | 27.5             | 180          | 28                     | F426FR394J1K0(1)  | PHE426PF6390J(1)   |
| 1000 | 250 | 0.39                   | F19      | 27.5                 | 16     | 31.5   | 27.5             | 180          | 28                     | F426TQ394J1K0(1)  | PHE426PT6390J(1)   |
| 1000 | 250 | 0.47                   | F14      | 17.5                 | 28     | 31.5   | 27.5             | 180          | 28                     | F426FR474J1K0(1)  | PHE426PF6470J(1)   |
| 1000 | 250 | 0.56                   | F15      | 19                   | 29     | 31.5   | 27.5             | 180          | 26                     | F426FS564J1K0(1)  | PHE426PF6560J(1)   |
| 1000 | 250 | 0.56                   | F18      | 31                   | 19     | 31.5   | 27.5             | 180          | 26                     | F426TT564J1K0(1)  | PHE426PT6560J(1)   |
| 1000 | 250 | 0.68                   | F16      | 21                   | 30     | 31.5   | 27.5             | 180          | 26                     | F426FV684J1K0(1)  | PHE426PF6680J(1)   |
| 1000 | 250 | 0.33                   | R05      | 13                   | 24     | 41     | 37.5             | 100          | 27                     | F426RF334J1K0(1)  | PHE426PR6330J(1)   |
| 1000 | 250 | 0.39                   | R05      | 13                   | 24     | 41     | 37.5             | 100          | 27                     | F426RF394J1K0(1)  | PHE426PR6390J(1)   |
| 1000 | 250 | 0.47                   | R04      | 15                   | 26     | 41     | 37.5             | 100          | 25                     | F426RH474J1K0(1)  | PHE426PR6470J(1)   |
| VDC  | VAC | Capacitance Value (µF) | Box Code | T (mm)               | H (mm) | L (mm) | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number |

\* Please note: These articles have a box code included in the article code.

(1) Insert lead and packaging code. See Ordering Options Table for available options.

**Table 1 – Ratings & Part Number Reference cont.**

| VDC        | VAC | Capacitance Value (µF) | Box Code | Max Dimensions in mm |        |        | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number    |
|------------|-----|------------------------|----------|----------------------|--------|--------|------------------|--------------|------------------------|-------------------|-----------------------|
|            |     |                        |          | T                    | H      | L      |                  |              |                        |                   |                       |
| 1000       | 250 | 0.56                   | R04      | 15                   | 26     | 41     | 37.5             | 100          | 25                     | F426RH564J1K0(1)  | PHE426PR6560J(1)      |
| 1000       | 250 | 0.68                   | R02      | 16.5                 | 32     | 41     | 37.5             | 100          | 21                     | F426RD684J1K0(1)  | PHE426PR6680J(1)      |
| 1000       | 250 | 0.82                   | R02      | 16.5                 | 32     | 41     | 37.5             | 100          | 21                     | F426RD824J1K0(1)  | PHE426PR6820J(1)      |
| 1000       | 250 | 1                      | R03      | 19                   | 36     | 41     | 37.5             | 100          | 19                     | F426RM105J1K0(1)  | PHE426PR7100J(1)      |
| 1000       | 250 | 1.2                    | R03      | 19                   | 36     | 41     | 37.5             | 100          | 19                     | F426RM125J1K0(1)  | PHE426PR7120J(1)      |
| 1000       | 250 | 1.5                    | R03      | 19                   | 36     | 41     | 37.5             | 100          | 19                     | F426RM155J1K0C    | PHE426PR7150JR0R06L2* |
| 1000       | 250 | 1.8                    | R06      | 21                   | 38     | 41     | 37.5             | 100          | 17                     | F426RP185J1K0(1)  | PHE426PR7180J(1)      |
| 1000       | 250 | 2.2                    | R06      | 21                   | 38     | 41     | 37.5             | 100          | 17                     | F426RP225J1000C   | PHE426PR7220JR0R06L2* |
| 1000       | 250 | 2.7                    | R08      | 28                   | 43     | 41     | 37.5             | 100          | 15                     | F426RS275J1K0(1)  | PHE426PR7270J(1)      |
| 1000       | 250 | 3.3                    | R08      | 28                   | 43     | 41     | 37.5             | 100          | 15                     | F426RS335J1K0(1)  | PHE426PR7330J(1)      |
| 2 Sections |     |                        |          |                      |        |        |                  |              |                        |                   |                       |
| 1600       | 650 | 0.0047                 | B04      | 5.5                  | 10.5   | 18     | 15               | 1500         | 99                     | F426BD472J1K6(1)  | PHE426RB4470J(1)      |
| 1600       | 650 | 0.0056                 | B04      | 5.5                  | 10.5   | 18     | 15               | 1500         | 99                     | F426BD562J1K6(1)  | PHE426RB4560J(1)      |
| 1600       | 650 | 0.0068                 | B04      | 5.5                  | 10.5   | 18     | 15               | 1500         | 99                     | F426BD682J1K6(1)  | PHE426RB4680J(1)      |
| 1600       | 650 | 0.0082                 | B05      | 5.5                  | 12.5   | 18     | 15               | 1500         | 85                     | F426BE822J1K6(1)  | PHE426RB4820J(1)      |
| 1600       | 650 | 0.01                   | B05      | 5.5                  | 12.5   | 18     | 15               | 1500         | 85                     | F426BE103J1K6(1)  | PHE426RB5100J(1)      |
| 1600       | 650 | 0.012                  | B10      | 6.5                  | 12.5   | 18     | 15               | 1500         | 84                     | F426BJ123J1K6(1)  | PHE426RB5120J(1)      |
| 1600       | 650 | 0.015                  | B06      | 7.5                  | 14.5   | 18     | 15               | 1500         | 74                     | F426BL153J1K6(1)  | PHE426RB5150J(1)      |
| 1600       | 650 | 0.018                  | B06      | 7.5                  | 14.5   | 18     | 15               | 1500         | 74                     | F426BL183J1K6(1)  | PHE426RB5180J(1)      |
| 1600       | 650 | 0.022                  | B12      | 8                    | 15     | 18     | 15               | 1500         | 71                     | F426BM223J1K6(1)  | PHE426RB5220J(1)      |
| 1600       | 650 | 0.027                  | B14      | 9.5                  | 17.5   | 18     | 15               | 1500         | 60                     | F426BV273J1K6(1)  | PHE426RB5270J(1)      |
| 1600       | 650 | 0.033                  | B14      | 9.5                  | 17.5   | 18     | 15               | 1500         | 60                     | F426BV333J1K6(1)  | PHE426RB5330J(1)      |
| 1600       | 650 | 0.039                  | B16      | 11                   | 19     | 18     | 15               | 1500         | 59                     | F426BY393J1K6(1)  | PHE426RB5390J(1)      |
| 1600       | 650 | 0.047                  | B16      | 11                   | 19     | 18     | 15               | 1500         | 59                     | F426BY473J1K6(1)  | PHE426RB5470J(1)      |
| 2000       | 700 | 0.001                  | B04      | 5.5                  | 10.5   | 18     | 15               | 1500         | 99                     | F426BD102J2K0(1)  | PHE426SB4100J(1)      |
| 2000       | 700 | 0.0012                 | B04      | 5.5                  | 10.5   | 18     | 15               | 1500         | 99                     | F426BD122J2K0(1)  | PHE426SB4120J(1)      |
| 2000       | 700 | 0.0015                 | B04      | 5.5                  | 10.5   | 18     | 15               | 1500         | 99                     | F426BD152J2K0(1)  | PHE426SB4150J(1)      |
| 2000       | 700 | 0.0018                 | B04      | 5.5                  | 10.5   | 18     | 15               | 1500         | 99                     | F426BD182J2K0(1)  | PHE426SB4180J(1)      |
| 2000       | 700 | 0.0022                 | B04      | 5.5                  | 10.5   | 18     | 15               | 1500         | 99                     | F426BD222J2K0(1)  | PHE426SB4220J(1)      |
| 2000       | 700 | 0.0027                 | B04      | 5.5                  | 10.5   | 18     | 15               | 1500         | 99                     | F426BD272J2K0(1)  | PHE426SB4270J(1)      |
| 2000       | 700 | 0.0033                 | B04      | 5.5                  | 10.5   | 18     | 15               | 1500         | 99                     | F426BD332J2K0(1)  | PHE426SB4330J(1)      |
| 2000       | 700 | 0.0039                 | B04      | 5.5                  | 10.5   | 18     | 15               | 1500         | 99                     | F426BD392J2K0(1)  | PHE426SB4390J(1)      |
| 2000       | 700 | 0.0047                 | B05      | 5.5                  | 12.5   | 18     | 15               | 1500         | 85                     | F426BE472J2K0(1)  | PHE426SB4470J(1)      |
| 2000       | 700 | 0.0056                 | B05      | 5.5                  | 12.5   | 18     | 15               | 1500         | 85                     | F426BE562J2K0(1)  | PHE426SB4560J(1)      |
| 2000       | 700 | 0.0068                 | B10      | 6.5                  | 12.5   | 18     | 15               | 1500         | 84                     | F426BJ682J2K0(1)  | PHE426SB4680J(1)      |
| 2000       | 700 | 0.0082                 | B06      | 7.5                  | 14.5   | 18     | 15               | 1500         | 74                     | F426BL822J2K0(1)  | PHE426SB4820J(1)      |
| 2000       | 700 | 0.01                   | B06      | 7.5                  | 14.5   | 18     | 15               | 1500         | 74                     | F426BL103J2K0(1)  | PHE426SB5100J(1)      |
| 2000       | 700 | 0.012                  | B12      | 8                    | 15     | 18     | 15               | 1500         | 71                     | F426BM123J2K0(1)  | PHE426SB5120J(1)      |
| 2000       | 700 | 0.015                  | B11      | 8.5                  | 16     | 18     | 15               | 1500         | 64                     | F426BQ153J2K0(1)  | PHE426SB5150J(1)      |
| 2000       | 700 | 0.018                  | B14      | 9.5                  | 17.5   | 18     | 15               | 1500         | 60                     | F426BV183J2K0(1)  | PHE426SB5180J(1)      |
| 2000       | 700 | 0.022                  | B16      | 11                   | 19     | 18     | 15               | 1500         | 59                     | F426BY223J2K0(1)  | PHE426SB5220J(1)      |
| 2000       | 700 | 0.027                  | B16      | 11                   | 19     | 18     | 15               | 1500         | 59                     | F426BY273J2K0(1)  | PHE426SB5270J(1)      |
| VDC        | VAC | Capacitance Value (µF) | Box Code | T (mm)               | H (mm) | L (mm) | Lead Spacing (S) | dV/dt (V/µs) | Rthha °C/W 85°C 0.2m/s | KEMET Part Number | Legacy Part Number    |

\* Please note: These articles have a box code included in the article code.

(1) Insert lead and packaging code. See Ordering Options Table for available options.

## Soldering Process

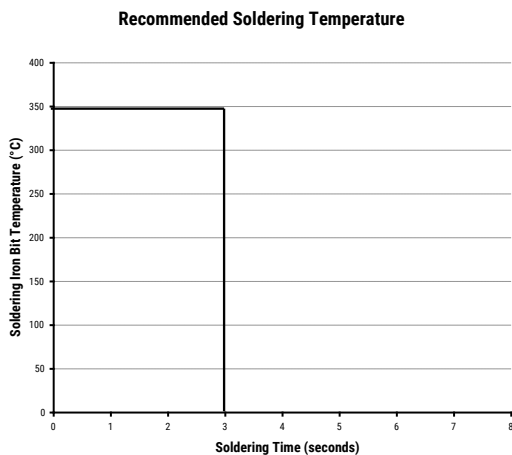
The implementation of the RoHS directive has resulted in the selection of SnAgCu (SAC) alloys or SnCu alloys as primary solder. This has increased the liquidus temperature from that of 183°C for SnPb eutectic alloy to 217 – 221°C for the new alloys. As a result, the heat stress to the components, even in wave soldering, has increased considerably due to higher pre-heat and wave temperatures. Polypropylene capacitors are especially sensitive to heat (the melting point of polypropylene is 160 – 170°C). Wave soldering can be destructive, especially for mechanically small polypropylene capacitors (with lead spacing of 5 – 15 mm), and great care has to be taken during soldering. The recommended solder profiles from KEMET should be used. Please consult KEMET with any questions. In general, the wave soldering curve from IEC Publication 61760-1 Edition 2 serves as a solid guideline for successful soldering. Please see Figure 1.

Reflow soldering is not recommended for through-hole film capacitors. Exposing capacitors to a soldering profile in excess of the above the recommended limits may result to degradation or permanent damage to the capacitors.

Do not place the polypropylene capacitor through an adhesive curing oven to cure resin for surface mount components. Insert through-hole parts after the curing of surface mount parts. Consult KEMET to discuss the actual temperature profile in the oven, if through-hole components must pass through the adhesive curing process. A maximum two soldering cycles is recommended. Please allow time for the capacitor surface temperature to return to a normal temperature before the second soldering cycle.

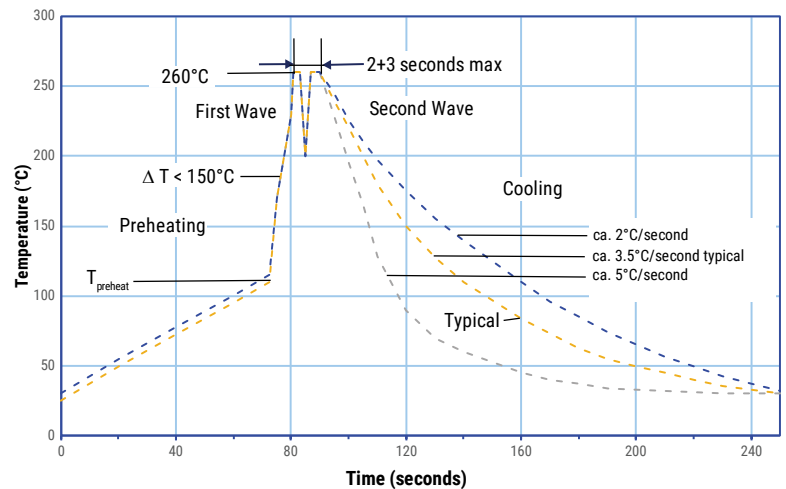
### Manual Soldering Recommendations

Following is the recommendation for manual soldering with a soldering iron.



The soldering iron tip temperature should be set at 350°C (+10°C maximum) with the soldering duration not to exceed more than 3 seconds.

### Wave Soldering Recommendations



## Soldering Process cont.

### Wave Soldering Recommendations cont.

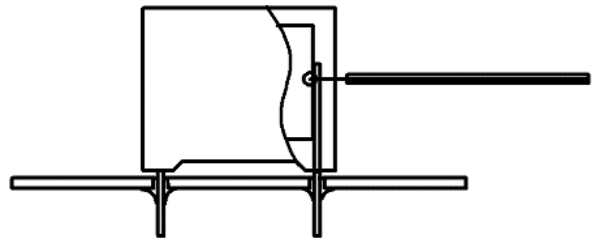
1. The table indicates the maximum set-up temperature of the soldering process  
Figure 1

| Dielectric Film Material | Maximum Preheat Temperature |                         |                         | Maximum Peak Soldering Temperature |                         |
|--------------------------|-----------------------------|-------------------------|-------------------------|------------------------------------|-------------------------|
|                          | Capacitor Pitch ≤ 10 mm     | Capacitor Pitch = 15 mm | Capacitor Pitch > 15 mm | Capacitor Pitch ≤ 15 mm            | Capacitor Pitch > 15 mm |
| Polyester                | 130°C                       | 130°C                   | 130°C                   | 270°C                              | 270°C                   |
| Polypropylene            | 100°C                       | 110°C                   | 130°C                   | 260°C                              | 270°C                   |
| Paper                    | 130°C                       | 130°C                   | 140°C                   | 270°C                              | 270°C                   |
| Polyphenylene Sulphide   | 150°C                       | 150°C                   | 160°C                   | 270°C                              | 270°C                   |

2. The maximum temperature measured inside the capacitor:  
Set the temperature so that inside the element the maximum temperature is below the limit:

| Dielectric Film Material | Maximum temperature measured inside the element |
|--------------------------|-------------------------------------------------|
| Polyester                | 160°C                                           |
| Polypropylene            | 110°C                                           |
| Paper                    | 160°C                                           |
| Polyphenylene Sulphide   | 160°C                                           |

*Temperature monitored inside the capacitor.*

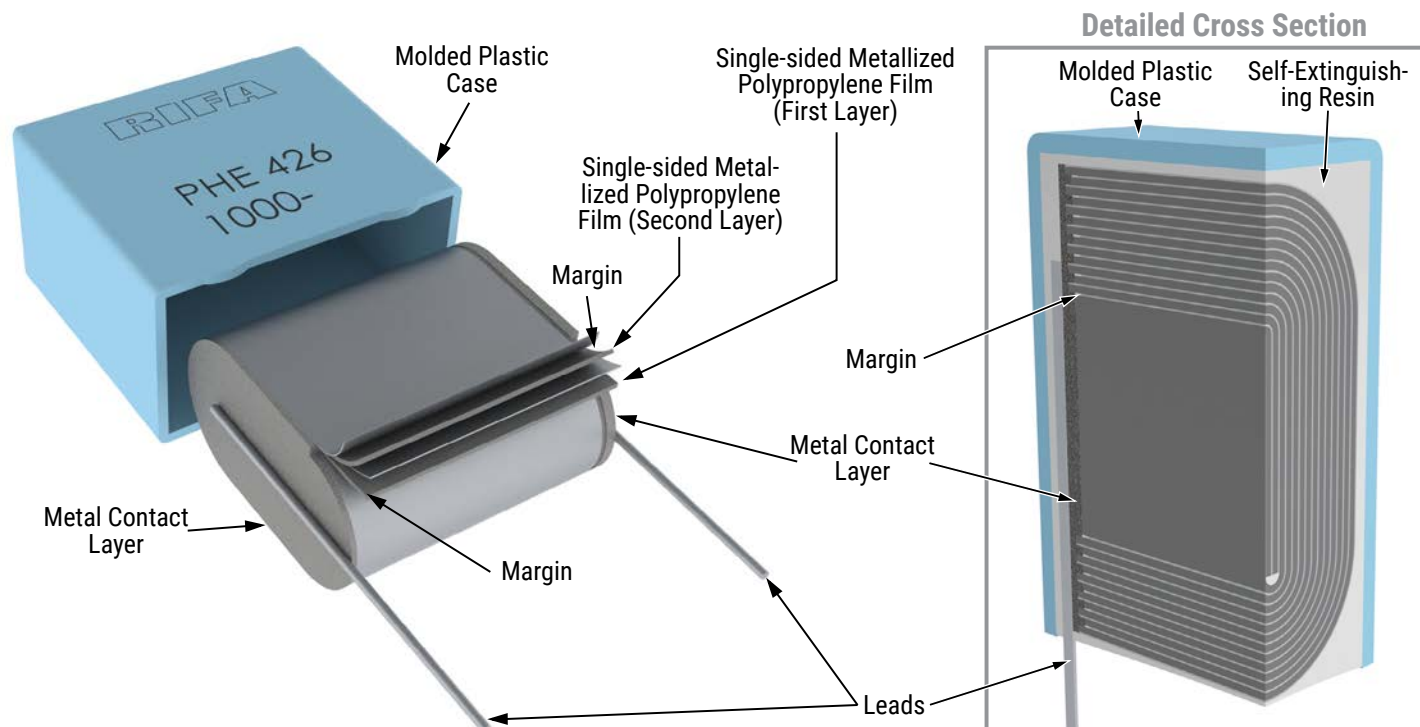


### Selective Soldering Recommendations

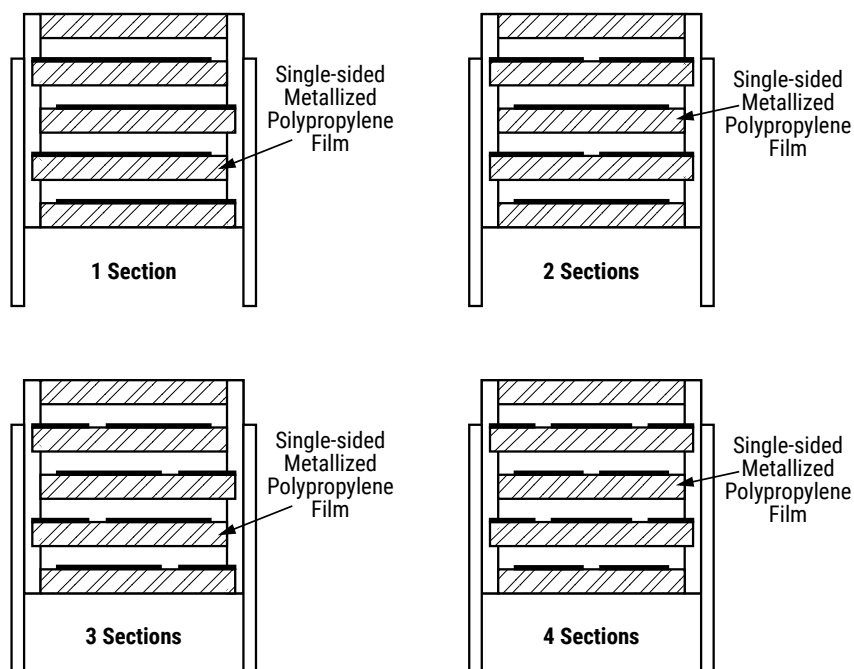
Selective dip soldering is a variation of reflow soldering. In this method, the printed circuit board with through-hole components to be soldered is preheated and transported over the solder bath as in normal flow soldering without touching the solder. When the board is over the bath, it is stopped and pre-designed solder pots are lifted from the bath with molten solder only at the places of the selected components, and pressed against the lower surface of the board to solder the components.

The temperature profile for selective soldering is similar to the double wave flow soldering outlined in this document, **however, instead of two baths, there is only one bath with a time from 3 to 10 seconds.** In selective soldering, the risk of overheating is greater than in double wave flow soldering, and great care must be taken so that the parts are not overheated.

## Construction

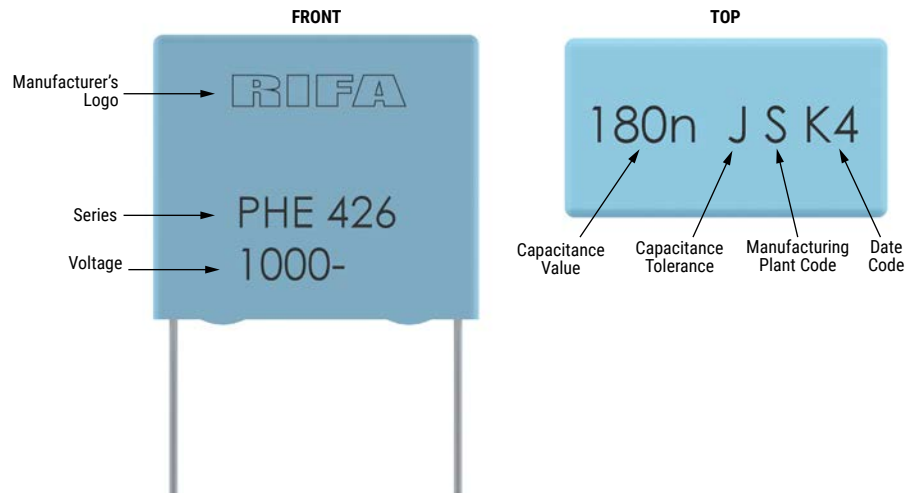


## Winding Schemes

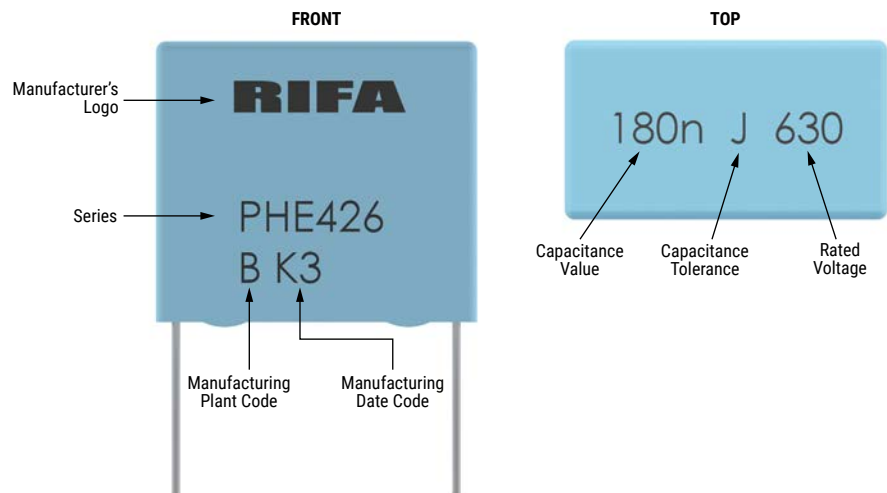


Marking

Variant 1, Pitch > 10 mm:



Variant 2, Pitch 7.5 to 27.5 mm:



| Manufacturing Date Code (IEC-60062) |      |      |      |          |      |           |      |
|-------------------------------------|------|------|------|----------|------|-----------|------|
| Year                                | Code | Year | Code | Month    | Code | Month     | Code |
| 2010                                | A    | 2020 | M    | January  | 1    | July      | 7    |
| 2011                                | B    | 2021 | N    | February | 2    | August    | 8    |
| 2012                                | C    | 2022 | P    | March    | 3    | September | 9    |
| 2013                                | D    | 2023 | R    | April    | 4    | October   | 0    |
| 2014                                | E    | 2024 | S    | May      | 5    | November  | N    |
| 2015                                | F    | 2025 | T    | June     | 6    | December  | D    |
| 2016                                | H    | 2026 | U    |          |      |           |      |
| 2017                                | J    | 2027 | V    |          |      |           |      |
| 2018                                | K    | 2028 | W    |          |      |           |      |
| 2019                                | L    | 2029 | X    |          |      |           |      |

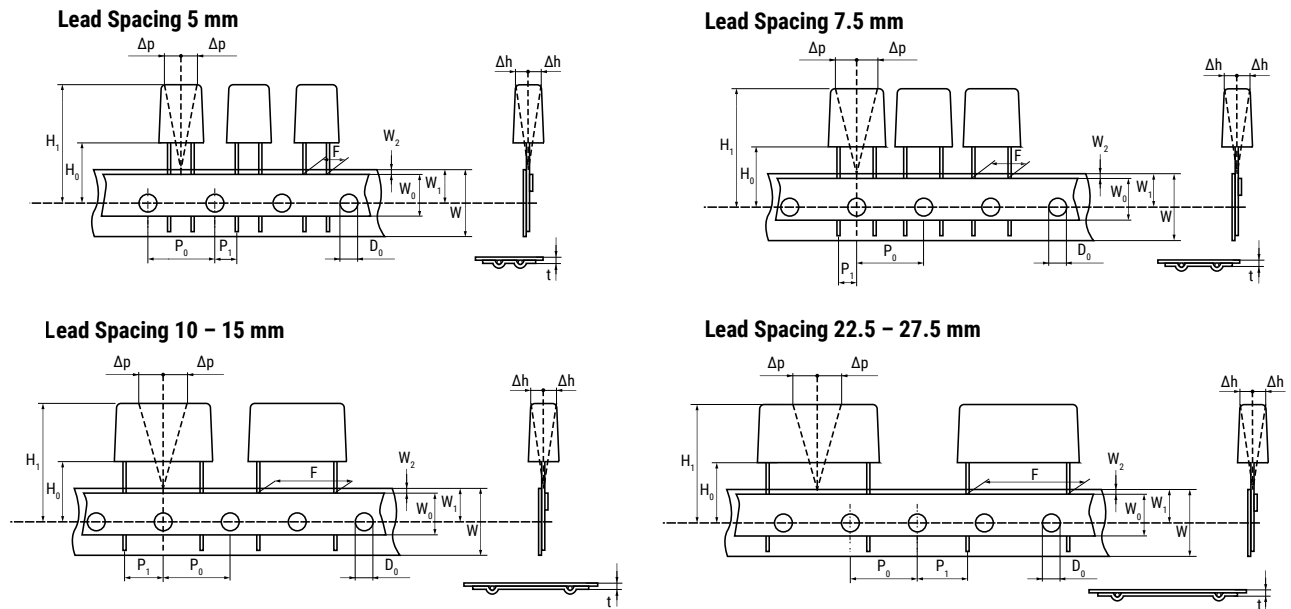
## Packaging Quantities

| Size Code | Lead Spacing | Thickness (mm) | Height (mm) | Length (mm) | Bulk Short Leads | Bulk Long Leads | Standard Reel<br>ø 355 mm | Large Reel<br>ø 500 mm | Ammo  | Pizza |
|-----------|--------------|----------------|-------------|-------------|------------------|-----------------|---------------------------|------------------------|-------|-------|
| JF        | 5            | 2.5            | 6.5         | 7.2         | 3,000            | 4,000           | 2,500                     |                        | 3,500 |       |
| JJ        |              | 3.5            | 8.0         | 7.2         | 2,000            | 2,000           | 2,000                     |                        | 2,000 |       |
| JL        |              | 4.5            | 9           | 7.2         | 1,000            | 1,000           | 1,500                     |                        | 1,700 |       |
| JQ        |              | 5              | 10          | 7.2         | 1,000            | 1,500           | 1,200                     |                        | 1,700 |       |
| JT        |              | 6              | 11          | 7.2         | 2,000            | 1,000           | 1,000                     |                        | 1,400 |       |
| JU        |              | 7.2            | 13          | 7.2         | 1,500            | 750             | 800                       |                        | 1,150 |       |
| KG        | 7.5          | 4              | 8           | 10          | 1,000            | 1,000           | 1,700                     | 3,400                  | 1,900 |       |
| KK        |              | 5              | 11          | 10          | 1,000            | 1,000           | 1,300                     | 2,600                  | 1,500 |       |
| KM        |              | 6              | 12          | 10.5        | 1,000            | 1,000           | 1,000                     | 2,000                  | 1,200 |       |
| AG        | 10           | 4              | 9           | 13          | 1,000            | 1,000           | 900                       | 1,800                  |       |       |
| AH        |              | 4.5            | 10.5        | 13          | 1,000            | 1,000           | 800                       | 1,600                  |       |       |
| AK        |              | 5              | 11          | 13          | 800              | 800             | 700                       | 1,400                  |       |       |
| AP        |              | 6              | 12          | 13          | 600              | 600             | 500                       | 1,000                  |       |       |
| BD        | 15           | 5.5            | 10.5        | 18          | 1,000            | 800             | 600                       | 1,200                  |       |       |
| BE        |              | 5.5            | 12.5        | 18          | 1,000            | 800             | 600                       | 1,200                  |       |       |
| BL        |              | 7.5            | 14.5        | 18          | 800              | 400             | 400                       | 800                    |       |       |
| BJ        |              | 6.5            | 12.5        | 18          | 1,000            | 600             | 500                       | 1,000                  |       |       |
| BQ        |              | 8.5            | 16          | 18          | 600              | 400             | 400                       | 800                    |       |       |
| BM        |              | 8              | 15          | 18          | 600              | 400             | 400                       | 800                    |       |       |
| BV        |              | 9.5            | 17.5        | 18          | 500              | 300             | 350                       | 700                    |       |       |
| BG        |              | 6              | 12          | 18          | 1,000            | 800             | 500                       | 1,000                  |       |       |
| BY        |              | 11             | 19          | 18          | 450              | 250             | 300                       | 600                    |       |       |

## Packaging Quantities cont.

| Size Code | Lead Spacing | Thickness (mm) | Height (mm) | Length (mm) | Bulk Short Leads | Bulk Long Leads | Standard Reel<br>ø 355 mm | Large Reel<br>ø 500 mm | Ammo | Pizza |
|-----------|--------------|----------------|-------------|-------------|------------------|-----------------|---------------------------|------------------------|------|-------|
| DD        | 22.5         | 6.5            | 14.5        | 26          | 234              |                 | 300                       | 600                    |      | 440   |
| DH        |              | 8              | 16          | 26          | 186              |                 | 250                       | 500                    |      | 352   |
| DM        |              | 9              | 18.5        | 26          |                  |                 | 250                       | 500                    |      | 308   |
| DT        |              | 11             | 21.5        | 26          |                  |                 | 200                       | 400                    |      | 253   |
| DF        |              | 7              | 16.5        | 26          | 216              |                 | 300                       | 600                    |      | 396   |
| DR        |              | 10.5           | 19          | 26          |                  |                 | 200                       | 400                    |      | 264   |
| DY        |              | 15.5           | 24.5        | 26          |                  |                 | 110                       | 250                    |      | 176   |
| DW        |              | 13.5           | 23          | 26          |                  |                 | 160                       | 300                    |      | 209   |
| FK        | 27.5         | 13.5           | 23          | 31.5        |                  |                 |                           | 250                    |      | 171   |
| FE        |              | 10.5           | 20.5        | 31.5        |                  |                 |                           | 350                    |      | 216   |
| FG        |              | 11.5           | 22.5        | 31.5        |                  |                 |                           | 300                    |      | 198   |
| FM        |              | 14.5           | 24.5        | 31.5        |                  |                 |                           | 250                    |      | 153   |
| FR        |              | 17.5           | 28          | 31.5        |                  |                 |                           |                        |      | 126   |
| FS        |              | 19             | 29          | 31.5        |                  |                 |                           |                        |      | 117   |
| FV        |              | 21             | 30          | 31.5        |                  |                 |                           |                        |      | 108   |
| FH        |              | 21             | 12.5        | 31.5        |                  |                 |                           |                        |      | 108   |
| FT        |              | 31             | 19          | 31.5        |                  |                 |                           |                        |      | 72    |
| FQ        |              | 27.5           | 16          | 31.5        |                  |                 |                           |                        |      | 81    |
| RK        | 37.5         | 16.5           | 32          | 41          |                  |                 |                           |                        |      | 105   |
| RM        |              | 19             | 36          | 41          |                  |                 |                           |                        |      | 91    |
| RH        |              | 15             | 26          | 41          |                  |                 |                           |                        |      | 119   |
| RF        |              | 13             | 24          | 41          |                  |                 |                           |                        |      | 140   |
| RP        |              | 21             | 38          | 41          |                  |                 |                           |                        |      | 84    |
| RS        |              | 28             | 43          | 41          |                  |                 |                           |                        |      | 63    |

## Lead Taping & Packaging (IEC 60286-2)



## Taping Specification

| Dimensions in mm          |                     |                               |                      |                      |                      |                      |                      |                      | Standard IEC 60286-2    |
|---------------------------|---------------------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------------|
| Lead Spacing              | +0.6/-0.1           | F                             | 5.0                  | 7.5                  | 10.0                 | 15.0                 | 22.5                 | 27.5                 | F                       |
| Carrier Tape Width        | +1/-0.5             | W                             | 18.0                 | 18.0                 | 18.0                 | 18.0                 | 18.0                 | 18.0                 | 18 <sup>+1/-0.5</sup>   |
| Hold-Down Tape Width      | Minimum             | W <sub>0</sub>                | 6.0                  | 6.0                  | 9.0                  | 10.0                 | 10.0                 | 10.0                 |                         |
| Position of Sprocket Hole | ±0.5                | W <sub>1</sub>                | 9.0                  | 9.0                  | 9.0                  | 9.0                  | 9.0                  | 9.0                  | 9 <sup>+0.75/-0.5</sup> |
| Distance Between Tapes    | Maximum             | W <sub>2</sub>                | 3.0                  | 3.0                  | 3.0                  | 3.0                  | 3.0                  | 3.0                  | 3.0                     |
| Sprocket Hole Diameter    | ±0.2                | D <sub>0</sub>                | 4.0                  | 4.0                  | 4.0                  | 4.0                  | 4.0                  | 4.0                  | 4.0                     |
| Feed Hole Lead Spacing    | ±0.2 <sup>(1)</sup> | P <sub>0</sub> <sup>(3)</sup> | 12.7                 | 12.7                 | 12.7                 | 12.7                 | 12.7                 | 12.7                 | 12.7                    |
| Distance Lead - Feed Hole | ±0.7                | P <sub>1</sub>                | 3.85                 | 3.75                 | 7.7                  | 5.2                  | 7.8                  | 5.3                  | P <sup>1</sup>          |
| Deviation Tape - Plane    | Maximum             | Δp                            | 1.3                  | 1.3                  | 1.3                  | 1.3                  | 1.3                  | 1.3                  | 1.3                     |
| Lateral Deviation         | ±2                  | Δh                            | 2.0                  | 2.0                  | 2.0                  | 2.0                  | 2.0                  | 2.0                  | 2.0                     |
| Total Thickness           | ±0.2                | t                             | 0.7                  | 0.7                  | 0.7                  | 0.7                  | 0.9 <sup>MAX</sup>   | 0.9 <sup>MAX</sup>   | 0.9 <sup>MAX</sup>      |
| Sprocket Hole/Cap Body    | ±0.5                | H <sub>0</sub> <sup>(2)</sup> | 18.5 <sup>±0.5</sup> | 18.5 <sup>±0.5</sup> | 18.5 <sup>±0.5</sup> | 18.5 <sup>±0.5</sup> | 18.5 <sup>±0.5</sup> | 18.5 <sup>±0.5</sup> | 18 <sup>+2/-0</sup>     |

(1) Maximum cumulative feed hole error, 1 mm per 20 parts.

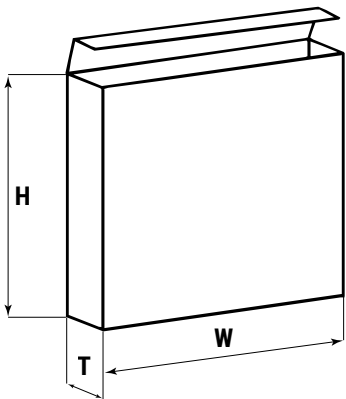
(2) 16.5 mm available on request.

(3) 15 mm available on request (F ≥ 10 mm).

Lead Taping & Packaging (IEC 60286-2) cont.

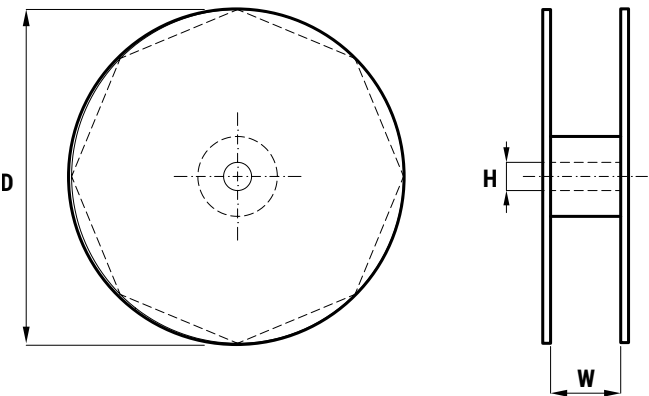
Ammo Specifications

| Series                 | Dimensions (mm) |     |    |
|------------------------|-----------------|-----|----|
|                        | H               | W   | T  |
| F5A, F5B, F5D          | 360             | 340 | 59 |
| F6xx, F8xx             |                 |     |    |
| PHExxx, PMExxx, PMRxxx | 330             | 330 | 50 |



Reel Specifications

| Series                 | Dimensions (mm) |    |          |
|------------------------|-----------------|----|----------|
|                        | D               | H  | W        |
| F5A, F5B, F5D          | 355             | 30 | 55 (Max) |
| F6xx, F8xx             | 500             | 25 |          |
| PHExxx, PMExxx, PMRxxx | 360             | 30 | 46 (Max) |
|                        | 500             |    |          |



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