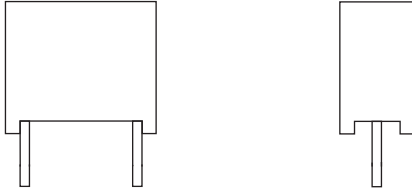




## AC Capacitors (Metallized Polypropylene Film), 400 V<sub>AC</sub>, Radial Type



### FEATURES

- Material categorization:  
for definitions of compliance please see  
[www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)

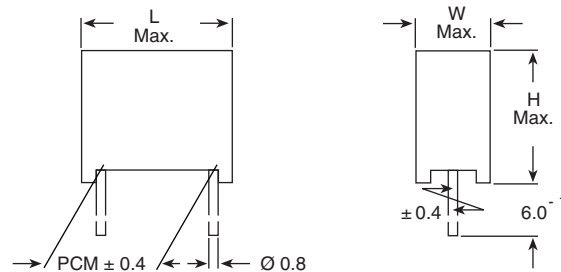


**RoHS**  
COMPLIANT  
HALOGEN  
**FREE**  
**GREEN**  
(5-2008)

### QUICK REFERENCE DATA

|                                           |                                                                                        |
|-------------------------------------------|----------------------------------------------------------------------------------------|
| Technical data                            | Please refer to <a href="http://www.vishay.com/doc?26522">www.vishay.com/doc?26522</a> |
| Terminals                                 | Radial tinned copper (longer leads or insulated leads on request)                      |
| Rated AC voltage                          | 400 V <sub>AC</sub> , 50 Hz / 60 Hz                                                    |
| Coating                                   | Plastic case epoxy sealed, flame retardant<br>UL-class 94 V-0                          |
| Climatic testing class acc. to EN 60068-1 | 40/085/56                                                                              |

### DIMENSIONS in millimeters



### ELECTRICAL DATA AND ORDERING CODE

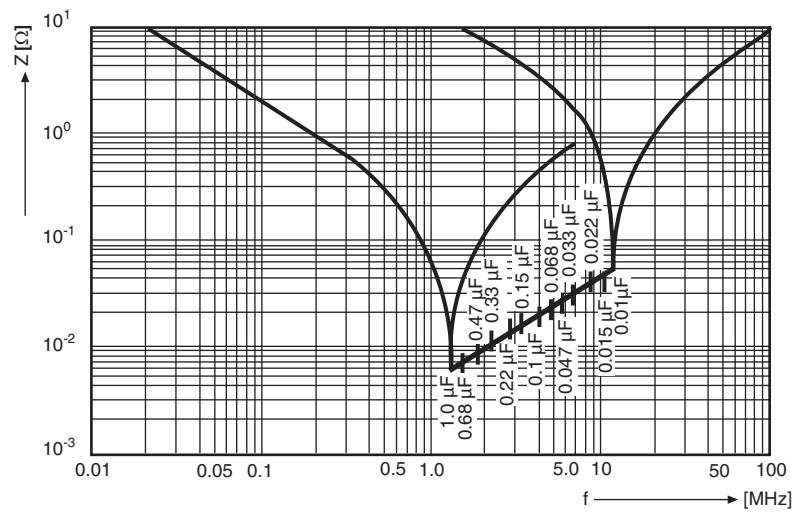
| U <sub>RAC</sub> | CAP.<br>(μF) | TOL.<br>J = ± 5 %<br>K = ± 10 %<br>M = ± 20 % | PITCH<br>(mm) | BOX<br>NO. | DIMENSIONS<br>W x H x L<br>(mm)<br>(+ 0.2 mm/- 0.4 mm) | WEIGHT<br>(lead length<br>≤ 6 mm to 1 mm)<br>(g) | QUANTITY<br>PACKAGE<br>(lead length<br>≤ 6 mm to 1 mm)<br>(pcs) <sup>(1)</sup> | ORDERING CODE <sup>(2)</sup> |
|------------------|--------------|-----------------------------------------------|---------------|------------|--------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------|------------------------------|
| 400              | 0.010        | M                                             | 10.0          | 04         | 6.3 x 11.3 x 12.8                                      | 0.9                                              | 750                                                                            | MKP1844-310-4000             |
|                  | 0.015        | M                                             | 15.0          | 03         | 5.3 x 10.3 x 17.8                                      | 1.2                                              | 1000                                                                           | MKP1844-315-4000             |
|                  | 0.022        | M                                             | 15.0          | 04         | 6.3 x 11.3 x 17.8                                      | 1.7                                              | 750                                                                            | MKP1844-322-4000             |
|                  | 0.033        | M                                             | 15.0          | 07         | 7.3 x 13.3 x 17.8                                      | 2.1                                              | 450                                                                            | MKP1844-333-4000             |
|                  | 0.047        | M                                             | 15.0          | 08         | 8.3 x 14.3 x 17.8                                      | 2.5                                              | 325                                                                            | MKP1844-347-4000             |
|                  | 0.068        | M                                             | 22.5          | 11         | 7.3 x 15.3 x 26.3                                      | 3.5                                              | 235                                                                            | MKP1844-368-4000             |
|                  | 0.10         | M                                             | 22.5          | 12         | 8.3 x 16.3 x 26.3                                      | 4.2                                              | 200                                                                            | MKP1844-410-4000             |
|                  | 0.15         | K                                             | 22.5          | 13         | 10.3 x 18.3 x 26.3                                     | 5.9                                              | 170                                                                            | MKP1844-415-4000             |
|                  | 0.22         | K                                             | 27.5          | 3011       | 11.0 x 21.0 x 31.0                                     | 8.9                                              | 125                                                                            | MKP1844-422-4000             |
|                  | 0.33         | K                                             | 27.5          | 15         | 13.0 x 23.3 x 31.3                                     | 11.2                                             | 110                                                                            | MKP1844-433-4000             |
|                  | 0.47         | K                                             | 27.5          | 18         | 14.0 x 24.3 x 31.3                                     | 13.2                                             | 100                                                                            | MKP1844-447-4000             |
|                  | 0.68         | K                                             | 37.5          | 16         | 14.0 x 24.3 x 41.3                                     | 16.2                                             | 80                                                                             | MKP1844-468-4000             |
|                  | 1.0          | K                                             | 37.5          | 19         | 15.5 x 28.3 x 41.3                                     | 21.2                                             | 70                                                                             | MKP1844-510-4000             |

#### Notes

- Further information about packaging quantities with different lead length and/or taped versions see packaging information [www.vishay.com/doc?28139](http://www.vishay.com/doc?28139)
- These capacitors can be delivered on continuous tape and reel - see [www.vishay.com/doc?28139](http://www.vishay.com/doc?28139)  
The ordering code is MKP1844-...-4900 at H = 16.5 mm  
MKP1844-...-4901 at H = 18.5 mm

**IMPEDANCE (Z) AS A FUNCTION OF FREQUENCY (f) AT  $T_A = 20\text{ }^{\circ}\text{C}$  (AVERAGE)**

Measurement with lead length 6 mm





## Disclaimer

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