



# ELECTRONIC EQUIPMENT FILM CAPACITOR

## HACD Series



- Maximum operating temperature 105°C .
- Allowable temperature rise 15K max.
- Downsizing of HACB series.



### ◆SPECIFICATIONS

| Items                                          | Characteristics                                                                                            |                                                   |      |      |      |      |      |      |      |      |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------|------|------|------|------|------|------|------|
| Category temperature range                     | -40 to +105℃                                                                                               |                                                   |      |      |      |      |      |      |      |      |
| Rated voltage range                            | 630 to 4000V <sub>dc</sub>                                                                                 |                                                   |      |      |      |      |      |      |      |      |
| Capacitance tolerance                          | ± 5%(J)                                                                                                    |                                                   |      |      |      |      |      |      |      |      |
| Voltage proof<br>(Terminal - Terminal)         | No degradation, at 150% of rated voltage shall be applied for 60 seconds.                                  |                                                   |      |      |      |      |      |      |      |      |
| Dissipation factor<br>(tanδ)                   | No more than 0.05% : Equal or less than 1μF.<br>No more than (c×0.015+0.05)% : More than 1μF.              |                                                   |      |      |      |      |      |      |      |      |
| Insulation resistance<br>(Terminal - Terminal) | No less than 30000MΩ : Equal or less than 0.33μF.<br>No less than 10000ΩF : More than 0.33μF.              |                                                   |      |      |      |      |      |      |      |      |
|                                                | Rated voltage (V <sub>dc</sub> )                                                                           | 630                                               | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 |      |
|                                                | Measurement voltage (V <sub>dc</sub> )                                                                     | 500                                               | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Endurance                                      | The following specifications shall be satisfied, after 1000hrs with applying rated voltage×125% at 105℃ .  |                                                   |      |      |      |      |      |      |      |      |
|                                                | Appearance                                                                                                 | No serious degradation                            |      |      |      |      |      |      |      |      |
|                                                | Insulation resistance<br>(Terminal - Terminal)                                                             | No less than 10000MΩ : Equal or less than 0.33μF. |      |      |      |      |      |      |      |      |
|                                                |                                                                                                            | No less than 3000ΩF : More than 0.33μF.           |      |      |      |      |      |      |      |      |
|                                                | Dissipation factor (tanδ)                                                                                  | Not more than initial specification at 1kHz.      |      |      |      |      |      |      |      |      |
|                                                | Capacitance change                                                                                         | Within ±5% of initial value.                      |      |      |      |      |      |      |      |      |
| Loading under damp heat                        | The following specifications shall be satisfied, after 500hrs with applying rated voltage at 40℃ 90～95%RH. |                                                   |      |      |      |      |      |      |      |      |
|                                                | Appearance                                                                                                 | No serious degradation.                           |      |      |      |      |      |      |      |      |
|                                                | Insulation resistance<br>(Terminal - Terminal)                                                             | No less than 10000MΩ : Equal or less than 0.33μF. |      |      |      |      |      |      |      |      |
|                                                |                                                                                                            | No less than 3000ΩF : More than 0.33μF.           |      |      |      |      |      |      |      |      |
|                                                | Dissipation factor (tanδ)                                                                                  | Not more than initial specification at 1kHz.      |      |      |      |      |      |      |      |      |
|                                                | Capacitance change                                                                                         | Within ±5% of initial value.                      |      |      |      |      |      |      |      |      |

### ◆STANDARD RATINGS

| WV<br>(V <sub>dc</sub> ) | Cap<br>(μF) | Dimensions (mm) |      |      |      |     | Maximum<br>ripple current<br>(Arms) | WV<br>(Vac) | Part Number        | Previous Part Number<br>(Just for your reference) |
|--------------------------|-------------|-----------------|------|------|------|-----|-------------------------------------|-------------|--------------------|---------------------------------------------------|
|                          |             | W               | H    | T    | F    | φd  |                                     |             |                    |                                                   |
| 630                      | 0.047       | 17.7            | 9.8  | 9.3  | 12.5 | 0.8 | 2.65                                | 250         | FHACD631V473J0LGZ0 | HACD2J473J                                        |
|                          | 0.056       |                 | 10.4 | 10.0 |      |     | 2.89                                |             | FHACD631V563J0LGZ0 | HACD2J563J                                        |
|                          | 0.068       |                 | 11.0 | 10.5 |      |     | 3.19                                |             | FHACD631V683J0LGZ0 | HACD2J683J                                        |
|                          | 0.082       |                 | 11.6 | 11.1 |      |     | 3.50                                |             | FHACD631V823J0LGZ0 | HACD2J823J                                        |
|                          | 0.1         |                 | 12.3 | 11.7 |      |     | 3.86                                |             | FHACD631V104J0LGZ0 | HACD2J104J                                        |
|                          | 0.12        |                 | 13.1 | 12.5 |      |     | 4.23                                |             | FHACD631V124J0LGZ0 | HACD2J124J                                        |
|                          | 0.15        | 22.7            | 14.1 | 13.5 | 17.5 | 0.8 | 4.73                                |             | FHACD631V154J0LGZ0 | HACD2J154J                                        |
|                          | 0.18        |                 | 15.1 | 14.4 |      |     | 5.18                                |             | FHACD631V184J0LGZ0 | HACD2J184J                                        |
|                          | 0.22        |                 | 13.8 | 13.2 |      |     | 4.31                                |             | FHACD631V224J1LHZ0 | HACD2J224J                                        |
|                          | 0.27        |                 | 14.9 | 14.2 |      |     | 4.78                                |             | FHACD631V274J1LHZ0 | HACD2J274J                                        |
|                          | 0.33        |                 | 16.1 | 15.3 |      |     | 5.28                                |             | FHACD631V334J1LHZ0 | HACD2J334J                                        |
|                          | 0.39        |                 | 17.1 | 16.3 |      |     | 5.74                                |             | FHACD631V394J1LHZ0 | HACD2J394J                                        |
|                          | 0.47        | 27.7            | 18.5 | 17.6 | 22.5 | 1.0 | 6.30                                |             | FHACD631V474J1LHZ0 | HACD2J474J                                        |
|                          | 0.56        |                 | 19.9 | 18.9 |      |     | 6.88                                |             | FHACD631V564J1LHZ0 | HACD2J564J                                        |
|                          | 0.68        |                 | 19.0 | 18.1 |      |     | 6.19                                |             | FHACD631V684J2LEZ0 | HACD2J684J                                        |
|                          | 0.82        |                 | 20.5 | 19.6 |      |     | 6.79                                |             | FHACD631V824J2LEZ0 | HACD2J824J                                        |
|                          | 1.0         |                 | 22.3 | 21.3 |      |     | 7.50                                |             | FHACD631V105J2LEZ0 | HACD2J105J                                        |
|                          | 1.2         |                 | 24.2 | 23.0 |      |     | 8.22                                |             | FHACD631V125J2LEZ0 | HACD2J125J                                        |
| 1000                     | 1.5         | 17.7            | 26.7 | 25.4 | 12.5 | 0.8 | 9.19                                |             | FHACD631V155J2LEZ0 | HACD2J155J                                        |
|                          | 0.033       |                 | 10.0 | 9.6  |      |     | 2.43                                | 270         | FHACD102V333J0LGZ0 | HACD3A333J                                        |
|                          | 0.039       |                 | 10.4 | 10.0 |      |     | 2.64                                |             | FHACD102V393J0LGZ0 | HACD3A393J                                        |
|                          | 0.047       |                 | 11.0 | 10.5 |      |     | 2.90                                |             | FHACD102V473J0LGZ0 | HACD3A473J                                        |
|                          | 0.056       |                 | 11.5 | 11.0 |      |     | 3.17                                |             | FHACD102V563J0LGZ0 | HACD3A563J                                        |
|                          | 0.068       |                 | 12.2 | 11.7 |      |     | 3.49                                |             | FHACD102V683J0LGZ0 | HACD3A683J                                        |
|                          | 0.082       | 22.7            | 13.0 | 12.4 | 17.5 | 0.8 | 3.83                                |             | FHACD102V823J0LGZ0 | HACD3A823J                                        |
|                          | 0.1         |                 | 13.9 | 13.3 |      |     | 4.23                                |             | FHACD102V104J0LGZ0 | HACD3A104J                                        |
|                          | 0.12        |                 | 14.9 | 14.2 |      |     | 4.64                                |             | FHACD102V124J0LGZ0 | HACD3A124J                                        |
|                          | 0.15        |                 | 13.7 | 13.1 |      |     | 3.90                                |             | FHACD102V154J1LHZ0 | HACD3A154J                                        |
|                          | 0.18        |                 | 14.7 | 14.0 |      |     | 4.27                                |             | FHACD102V184J1LHZ0 | HACD3A184J                                        |
|                          | 0.22        |                 | 15.8 | 15.1 |      |     | 4.72                                |             | FHACD102V224J1LHZ0 | HACD3A224J                                        |
|                          | 0.27        | 27.7            | 17.1 | 16.3 |      |     | 5.23                                |             | FHACD102V274J1LHZ0 | HACD3A274J                                        |
|                          | 0.33        |                 | 18.6 | 17.7 |      |     | 5.79                                |             | FHACD102V334J1LHZ0 | HACD3A334J                                        |
|                          | 0.39        |                 | 19.9 | 19.0 |      |     | 6.29                                |             | FHACD102V394J1LHZ0 | HACD3A394J                                        |

(1)The maximum ripple current : +85°C max., 100kHz, sine wave

(2)WV(Vac) : 50Hz or 60Hz, sine wave

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# ELECTRONIC EQUIPMENT FILM CAPACITOR

**HACD** Series

## ◆STANDARD RATINGS

| WV<br>(Vdc) | Cap<br>(µF) | Dimensions (mm) |       |      |                    |                    | Maximum<br>ripple current<br>(Arms) | WV<br>(Vac)        | Part Number        | Previous Part Number<br>(Just for your reference) |                    |            |
|-------------|-------------|-----------------|-------|------|--------------------|--------------------|-------------------------------------|--------------------|--------------------|---------------------------------------------------|--------------------|------------|
|             |             | W               | H     | T    | F                  | φd                 |                                     |                    |                    |                                                   |                    |            |
| 1000        | 0.47        | 27.7            | 18.9  | 18.0 | 22.5               | 1.0                | 5.63                                | 270                | FHACD102V474J2LEZ0 | HACD3A474J                                        |                    |            |
|             | 0.56        |                 | 20.4  | 19.4 |                    |                    | 6.15                                |                    | FHACD102V564J2LEZ0 | HACD3A564J                                        |                    |            |
|             | 0.68        |                 | 22.1  | 21.1 |                    |                    | 6.78                                |                    | FHACD102V684J2LEZ0 | HACD3A684J                                        |                    |            |
|             | 0.82        |                 | 24.0  | 22.9 |                    |                    | 7.44                                |                    | FHACD102V824J2LEZ0 | HACD3A824J                                        |                    |            |
|             | 1.0         |                 | 26.2  | 25.0 |                    |                    | 8.22                                |                    | FHACD102V105J2LEZ0 | HACD3A105J                                        |                    |            |
|             | 1.2         |                 | 28.5  | 27.1 |                    |                    | 9.00                                |                    | FHACD102V125J2LEZ0 | HACD3A125J                                        |                    |            |
|             | 1250        |                 | 0.018 | 17.7 |                    |                    | 9.7                                 |                    | 9.3                | 12.5                                              | 0.8                | 2.04       |
| 0.022       |             | 10.4            | 9.9   |      | 2.25               | FHACD1C2V223J0LGZ0 | HACD3B223J                          |                    |                    |                                                   |                    |            |
| 0.027       |             | 11.0            | 10.5  |      | 2.50               | FHACD1C2V273J0LGZ0 | HACD3B273J                          |                    |                    |                                                   |                    |            |
| 0.033       |             | 11.6            | 11.1  |      | 2.76               | FHACD1C2V333J0LGZ0 | HACD3B333J                          |                    |                    |                                                   |                    |            |
| 0.039       |             | 12.3            | 11.7  |      | 3.00               | FHACD1C2V393J0LGZ0 | HACD3B393J                          |                    |                    |                                                   |                    |            |
| 0.047       |             | 13.0            | 12.4  |      | 3.29               | FHACD1C2V473J0LGZ0 | HACD3B473J                          |                    |                    |                                                   |                    |            |
| 0.056       |             | 13.8            | 13.2  |      | 3.60               | FHACD1C2V563J0LGZ0 | HACD3B563J                          |                    |                    |                                                   |                    |            |
| 0.068       |             | 14.8            | 14.2  |      | 3.96               | FHACD1C2V683J0LGZ0 | HACD3B683J                          |                    |                    |                                                   |                    |            |
| 0.082       |             | 13.3            | 12.7  |      | 3.24               | FHACD1C2V823J1LHZ0 | HACD3B823J                          |                    |                    |                                                   |                    |            |
| 0.1         |             | 14.3            | 13.6  |      | 3.57               | FHACD1C2V104J1LHZ0 | HACD3B104J                          |                    |                    |                                                   |                    |            |
| 0.12        |             | 15.3            | 14.6  | 3.91 | FHACD1C2V124J1LHZ0 | HACD3B124J         |                                     |                    |                    |                                                   |                    |            |
| 0.15        |             | 16.7            | 15.9  | 4.38 | FHACD1C2V154J1LHZ0 | HACD3B154J         |                                     |                    |                    |                                                   |                    |            |
| 0.18        |             | 17.9            | 17.1  | 4.79 | FHACD1C2V184J1LHZ0 | HACD3B184J         |                                     |                    |                    |                                                   |                    |            |
| 0.22        |             | 19.5            | 18.6  | 5.30 | FHACD1C2V224J1LHZ0 | HACD3B224J         |                                     |                    |                    |                                                   |                    |            |
| 0.27        |             | 18.5            | 17.7  | 4.77 | FHACD1C2V274J2LEZ0 | HACD3B274J         |                                     |                    |                    |                                                   |                    |            |
| 0.33        |             | 20.1            | 19.2  | 5.28 | FHACD1C2V334J2LEZ0 | HACD3B334J         |                                     |                    |                    |                                                   |                    |            |
| 0.39        |             | 21.6            | 20.6  | 5.74 | FHACD1C2V394J2LEZ0 | HACD3B394J         |                                     |                    |                    |                                                   |                    |            |
| 0.47        |             | 23.4            | 22.3  | 6.30 | FHACD1C2V474J2LEZ0 | HACD3B474J         |                                     |                    |                    |                                                   |                    |            |
| 0.56        |             | 25.3            | 24.1  | 6.87 | FHACD1C2V564J2LEZ0 | HACD3B564J         |                                     |                    |                    |                                                   |                    |            |
| 0.68        |             | 27.6            | 26.3  | 7.58 | FHACD1C2V684J2LEZ0 | HACD3B684J         |                                     |                    |                    |                                                   |                    |            |
| 0.82        |             | 23.2            | 22.1  | 5.55 | FHACD1C2V824JTLJZ0 | HACD3B824J         |                                     |                    |                    |                                                   |                    |            |
| 1.0         |             | 25.4            | 24.2  | 6.13 | FHACD1C2V105JTLJZ0 | HACD3B105J         |                                     |                    |                    |                                                   |                    |            |
| 1.2         |             | 27.5            | 26.2  | 6.72 | FHACD1C2V125JTLJZ0 | HACD3B125J         |                                     |                    |                    |                                                   |                    |            |
| 1600        |             | 0.0068          | 19.7  | 10.0 | 9.5                | 15.0               | 0.8                                 | 1.49               | 350                | FHACD162V682JKLDZ0                                | HACD3C682J         |            |
|             |             | 0.0082          |       | 10.6 | 10.1               |                    |                                     | 1.80               |                    | FHACD162V822JKLDZ0                                | HACD3C822J         |            |
|             |             | 0.01            |       | 11.2 | 10.6               |                    |                                     | 2.09               |                    | FHACD162V103JKLDZ0                                | HACD3C103J         |            |
|             |             | 0.012           |       | 11.8 | 11.2               |                    |                                     | 2.29               |                    | FHACD162V123JKLDZ0                                | HACD3C123J         |            |
|             |             | 0.015           |       | 12.6 | 12.0               |                    |                                     | 2.56               |                    | FHACD162V153JKLDZ0                                | HACD3C153J         |            |
|             |             | 0.018           |       | 13.4 | 12.8               |                    |                                     | 2.80               |                    | FHACD162V183JKLDZ0                                | HACD3C183J         |            |
|             |             | 0.022           |       | 14.4 | 13.7               |                    |                                     | 3.10               |                    | FHACD162V223JKLDZ0                                | HACD3C223J         |            |
|             |             | 0.027           |       | 15.0 | 14.3               |                    |                                     | 3.43               |                    | FHACD162V273JKLDZ0                                | HACD3C273J         |            |
|             |             | 0.033           |       | 16.3 | 15.5               |                    |                                     | 3.80               |                    | FHACD162V333JKLDZ0                                | HACD3C333J         |            |
|             |             | 0.039           |       | 13.0 | 12.4               |                    |                                     | 2.60               |                    | FHACD162V393J1LHZ0                                | HACD3C393J         |            |
|             | 0.047       | 13.8            | 13.2  | 2.85 | FHACD162V473J1LHZ0 | HACD3C473J         |                                     |                    |                    |                                                   |                    |            |
|             | 0.056       | 14.7            | 14.0  | 3.11 | FHACD162V563J1LHZ0 | HACD3C563J         |                                     |                    |                    |                                                   |                    |            |
|             | 0.068       | 15.8            | 15.1  | 3.43 | FHACD162V683J1LHZ0 | HACD3C683J         |                                     |                    |                    |                                                   |                    |            |
|             | 0.082       | 17.0            | 16.2  | 3.77 | FHACD162V823J1LHZ0 | HACD3C823J         |                                     |                    |                    |                                                   |                    |            |
|             | 0.1         | 18.4            | 17.6  | 4.16 | FHACD162V104J1LHZ0 | HACD3C104J         |                                     |                    |                    |                                                   |                    |            |
|             | 0.12        | 17.2            | 16.4  | 3.68 | FHACD162V124J2LEZ0 | HACD3C124J         |                                     |                    |                    |                                                   |                    |            |
|             | 0.15        | 18.9            | 18.0  | 4.12 | FHACD162V154J2LEZ0 | HACD3C154J         |                                     |                    |                    |                                                   |                    |            |
|             | 0.18        | 20.4            | 19.4  | 4.51 | FHACD162V184J2LEZ0 | HACD3C184J         |                                     |                    |                    |                                                   |                    |            |
|             | 0.22        | 22.2            | 21.1  | 4.99 | FHACD162V224J2LEZ0 | HACD3C224J         |                                     |                    |                    |                                                   |                    |            |
|             | 0.27        | 24.2            | 23.1  | 5.53 | FHACD162V274J2LEZ0 | HACD3C274J         |                                     |                    |                    |                                                   |                    |            |
|             | 0.33        | 26.5            | 25.3  | 6.11 | FHACD162V334J2LEZ0 | HACD3C334J         |                                     |                    |                    |                                                   |                    |            |
|             | 2000        | 0.0033          | 19.7  | 9.3  | 8.9                | 15.0               | 0.8                                 | 0.73               |                    | 350                                               | FHACD202V332JKLDZ0 | HACD3D332J |
|             |             | 0.0039          |       | 9.7  | 9.2                |                    |                                     | 0.85               |                    |                                                   | FHACD202V392JKLDZ0 | HACD3D392J |
| 0.0047      |             | 10.2            |       | 9.7  | 1.03               |                    |                                     | FHACD202V472JKLDZ0 | HACD3D472J         |                                                   |                    |            |
| 0.0056      |             | 10.9            |       | 10.4 | 1.23               |                    |                                     | FHACD202V562JKLDZ0 | HACD3D562J         |                                                   |                    |            |
| 0.0068      |             | 11.8            |       | 11.2 | 1.50               |                    |                                     | FHACD202V682JKLDZ0 | HACD3D682J         |                                                   |                    |            |
| 0.0082      |             | 12.6            |       | 12.0 | 1.80               |                    |                                     | FHACD202V822JKLDZ0 | HACD3D822J         |                                                   |                    |            |
| 0.01        |             | 13.5            |       | 12.9 | 2.20               |                    |                                     | FHACD202V103JKLDZ0 | HACD3D103J         |                                                   |                    |            |
| 0.012       |             | 14.4            |       | 13.7 | 2.63               |                    |                                     | FHACD202V123JKLDZ0 | HACD3D123J         |                                                   |                    |            |
| 0.015       |             | 15.6            |       | 14.9 | 2.97               |                    |                                     | FHACD202V153JKLDZ0 | HACD3D153J         |                                                   |                    |            |
| 0.018       |             | 16.7            |       | 16.0 | 3.26               |                    |                                     | FHACD202V183JKLDZ0 | HACD3D183J         |                                                   |                    |            |

(1)The maximum ripple current : +85°C max., 100kHz, sine wave

(2)WV(Vac) : 50Hz or 60Hz, sine wave

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Product specifications in this catalog are subject to change without notice. Request our product specifications before purchase and/or use. Please use our products based on the information contained in this catalog and product specifications.



# ELECTRONIC EQUIPMENT FILM CAPACITOR

**HACD**Series

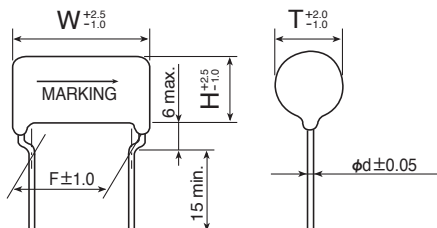
## ◆STANDARD RATINGS

| WV<br>(Vdc) | Cap<br>(μF) | Dimensions (mm) |        |      |      |                    | Maximum<br>ripple current<br>(Arms) | WV<br>(Vac) | Part Number        | Previous Part Number<br>(Just for your reference) |
|-------------|-------------|-----------------|--------|------|------|--------------------|-------------------------------------|-------------|--------------------|---------------------------------------------------|
|             |             | W               | H      | T    | F    | φd                 |                                     |             |                    |                                                   |
| 2000        | 0.022       | 22.7            | 13.1   | 12.5 | 17.5 | 0.8                | 2.27                                | 350         | FHACD202V223J1LHZ0 | HACD3D223J                                        |
|             | 0.027       |                 | 14.0   | 13.4 |      |                    | 2.51                                |             | FHACD202V273J1LHZ0 | HACD3D273J                                        |
|             | 0.033       |                 | 15.1   | 14.4 |      |                    | 2.78                                |             | FHACD202V333J1LHZ0 | HACD3D333J                                        |
|             | 0.039       |                 | 16.1   | 15.3 |      |                    | 3.02                                |             | FHACD202V393J1LHZ0 | HACD3D393J                                        |
|             | 0.047       |                 | 17.3   | 16.5 |      |                    | 3.32                                |             | FHACD202V473J1LHZ0 | HACD3D473J                                        |
|             | 0.056       |                 | 18.6   | 17.7 |      |                    | 3.62                                |             | FHACD202V563J1LHZ0 | HACD3D563J                                        |
|             | 0.068       | 27.7            | 17.5   | 16.6 | 22.5 | 1.0                | 3.22                                |             | FHACD202V683J2LEZ0 | HACD3D683J                                        |
|             | 0.082       |                 | 18.8   | 18.0 |      |                    | 3.54                                |             | FHACD202V823J2LEZ0 | HACD3D823J                                        |
|             | 0.1         |                 | 20.5   | 19.5 |      |                    | 3.91                                |             | FHACD202V104J2LEZ0 | HACD3D104J                                        |
|             | 0.12        |                 | 22.1   | 21.1 |      |                    | 4.28                                |             | FHACD202V124J2LEZ0 | HACD3D124J                                        |
|             | 0.15        |                 | 24.4   | 23.2 |      |                    | 4.79                                |             | FHACD202V154J2LEZ0 | HACD3D154J                                        |
|             | 0.18        |                 | 26.4   | 25.2 |      |                    | 5.24                                |             | FHACD202V184J2LEZ0 | HACD3D184J                                        |
|             | 0.22        | 42.7            | 22.6   | 21.5 | 37.5 | 3.93               | FHACD202V224JTLJZ0                  |             | HACD3D224J         |                                                   |
|             | 0.27        |                 | 24.7   | 23.5 |      | 4.35               | FHACD202V274JTLJZ0                  |             | HACD3D274J         |                                                   |
|             | 0.33        |                 | 27.0   | 25.7 |      | 4.81               | FHACD202V334JTLJZ0                  |             | HACD3D334J         |                                                   |
| 2500        | 0.015       | 34.7            | 11.7   | 11.2 | 30.0 | 1.0                | 2.11                                | 500         | FHACD252V153JRLQZ0 | HACD3E153J                                        |
|             | 0.018       |                 | 12.6   | 12.0 |      |                    | 2.31                                |             | FHACD252V183JRLQZ0 | HACD3E183J                                        |
|             | 0.022       |                 | 13.7   | 13.0 |      |                    | 2.55                                |             | FHACD252V223JRLQZ0 | HACD3E223J                                        |
|             | 0.027       |                 | 14.9   | 14.2 |      |                    | 2.83                                |             | FHACD252V273JRLQZ0 | HACD3E273J                                        |
|             | 0.033       |                 | 16.2   | 15.4 |      |                    | 3.13                                |             | FHACD252V333JRLQZ0 | HACD3E333J                                        |
|             | 0.039       |                 | 17.4   | 16.6 |      |                    | 3.40                                |             | FHACD252V393JRLQZ0 | HACD3E393J                                        |
|             | 0.047       |                 | 18.9   | 18.0 |      |                    | 3.73                                |             | FHACD252V473JRLQZ0 | HACD3E473J                                        |
|             | 0.056       |                 | 20.4   | 19.5 |      |                    | 4.07                                |             | FHACD252V563JRLQZ0 | HACD3E563J                                        |
|             | 0.068       |                 | 22.3   | 21.3 |      |                    | 4.49                                |             | FHACD252V683JRLQZ0 | HACD3E683J                                        |
|             | 0.082       |                 | 24.3   | 23.1 |      |                    | 4.93                                |             | FHACD252V823JRLQZ0 | HACD3E823J                                        |
|             | 0.1         |                 | 26.6   | 25.4 |      |                    | 5.44                                |             | FHACD252V104JRLQZ0 | HACD3E104J                                        |
|             | 3150        |                 | 0.0068 | 34.7 |      |                    | 11.5                                |             | 11.0               | 30.0                                              |
| 0.0082      |             | 12.4            | 11.8   |      | 1.80 | FHACD3B2V822JRLQZ0 | HACD3F822J                          |             |                    |                                                   |
| 0.01        |             | 13.4            | 12.8   |      | 1.99 | FHACD3B2V103JRLQZ0 | HACD3F103J                          |             |                    |                                                   |
| 0.012       |             | 14.4            | 13.7   |      | 2.18 | FHACD3B2V123JRLQZ0 | HACD3F123J                          |             |                    |                                                   |
| 0.015       |             | 15.8            | 15.1   |      | 2.44 | FHACD3B2V153JRLQZ0 | HACD3F153J                          |             |                    |                                                   |
| 0.018       |             | 17.1            | 16.3   |      | 2.67 | FHACD3B2V183JRLQZ0 | HACD3F183J                          |             |                    |                                                   |
| 0.022       |             | 18.7            | 17.8   |      | 2.95 | FHACD3B2V223JRLQZ0 | HACD3F223J                          |             |                    |                                                   |
| 0.027       |             | 20.5            | 19.5   |      | 3.27 | FHACD3B2V273JRLQZ0 | HACD3F273J                          |             |                    |                                                   |
| 0.033       |             | 22.4            | 21.4   |      | 3.62 | FHACD3B2V333JRLQZ0 | HACD3F333J                          |             |                    |                                                   |
| 0.039       |             | 24.2            | 23.1   |      | 3.93 | FHACD3B2V393JRLQZ0 | HACD3F393J                          |             |                    |                                                   |
| 0.047       |             | 26.4            | 25.1   |      | 4.31 | FHACD3B2V473JRLQZ0 | HACD3F473J                          |             |                    |                                                   |
| 4000        |             | 0.0039          | 34.7   |      | 11.2 | 10.6               | 30.0                                | 1.0         | 1.63               |                                                   |
|             | 0.0047      | 12.0            |        | 11.4 | 1.79 | FHACD402V472JRLQZ0 |                                     |             | HACD3G472J         |                                                   |
|             | 0.0056      | 12.8            |        | 12.2 | 1.95 | FHACD402V562JRLQZ0 |                                     |             | HACD3G562J         |                                                   |
|             | 0.0068      | 13.9            |        | 13.2 | 2.15 | FHACD402V682JRLQZ0 |                                     |             | HACD3G682J         |                                                   |
|             | 0.0082      | 15.0            |        | 14.3 | 2.36 | FHACD402V822JRLQZ0 |                                     |             | HACD3G822J         |                                                   |
|             | 0.01        | 16.3            |        | 15.6 | 2.60 | FHACD402V103JRLQZ0 |                                     |             | HACD3G103J         |                                                   |
|             | 0.012       | 17.7            |        | 16.8 | 2.85 | FHACD402V123JRLQZ0 |                                     |             | HACD3G123J         |                                                   |
|             | 0.015       | 19.5            |        | 18.6 | 3.19 | FHACD402V153JRLQZ0 |                                     |             | HACD3G153J         |                                                   |
|             | 0.018       | 21.2            |        | 20.2 | 3.49 | FHACD402V183JRLQZ0 |                                     |             | HACD3G183J         |                                                   |
|             | 0.022       | 23.2            |        | 22.1 | 3.86 | FHACD402V223JRLQZ0 |                                     |             | HACD3G223J         |                                                   |
|             | 0.027       | 25.5            |        | 24.2 | 4.28 | FHACD402V273JRLQZ0 |                                     |             | HACD3G273J         |                                                   |

(1) The maximum ripple current : +85°C max., 100kHz, sine wave

(2) WV(Vac) : 50Hz or 60Hz, sine wave

## ◆DIMENSIONS (mm)



All products featured in this catalog, which were manufactured by NIPPON CHEMI-CON CORPORATION, are now manufactured by TAITSU CORPORATION, and have been since April 2024.

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