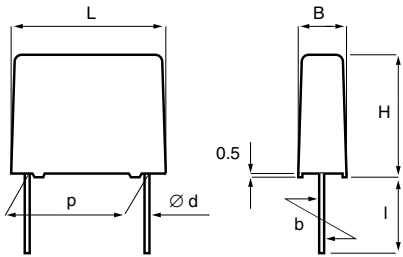


# PHE426

- Single metallized film pulse capacitor, polypropylene dielectric
- According to IEC 60384-16, grade 1.1

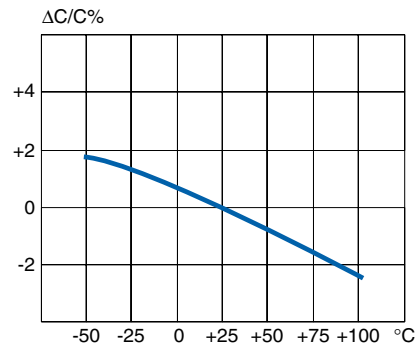
| TYPICAL APPLICATIONS                                                                                                       | CONSTRUCTION                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pulse operation in SMPS, TV, monitor, electrical ballast and other high frequency applications demanding stable operation. | Polypropylene film capacitor with vacuum evaporated aluminum electrodes. Radial leads of tinned wire are electrically welded to the contact metal layer on the ends of the capacitor winding. Encapsulation in self-extinguishing material meeting the requirements of UL 94V-0. |



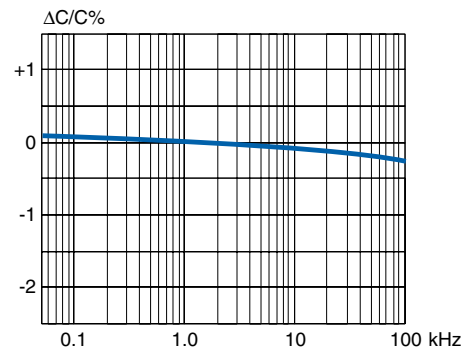
| TECHNICAL DATA                     |                                                                                                                                                                                                                   |              |                    |               |               |                |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|---------------|---------------|----------------|
| Rated voltage U <sub>R</sub> , VDC | 100                                                                                                                                                                                                               | 250          | 300                | 400           | 630           | 1000           |
| Rated voltage U <sub>R</sub> , VAC | 63                                                                                                                                                                                                                | 160          | 160                | 220           | 250           | 250            |
| Capacitance range, µF              | 0.001<br>-0.15                                                                                                                                                                                                    | 0.001<br>-20 | 0.033<br>-12       | 0.001<br>-6.8 | 0.001<br>-3.9 | 0.0033<br>-1.5 |
| Capacitance values                 | In accordance with IEC E12 series                                                                                                                                                                                 |              |                    |               |               |                |
| Capacitance tolerance              | ±5%, other tolerances on request                                                                                                                                                                                  |              |                    |               |               |                |
| Category temperature range         | -55 ... +105°C                                                                                                                                                                                                    |              |                    |               |               |                |
| Rated temperature                  | +85°C                                                                                                                                                                                                             |              |                    |               |               |                |
| Voltage derating                   | The rated voltage is decreased with 1.3%/°C between +85°C and +105°C.                                                                                                                                             |              |                    |               |               |                |
| Climatic category                  | IEC 60068-1, 55/105/56/B                                                                                                                                                                                          |              |                    |               |               |                |
| Passive flammability               | Category B according to IEC 60065                                                                                                                                                                                 |              |                    |               |               |                |
| Maximum pulse steepness:           | dU/dt according to article table<br>For peak to peak voltages lower than rated voltage (U <sub>pp</sub> < U <sub>R</sub> ), the specified dU/dt can be multiplied by the factor U <sub>R</sub> /U <sub>pp</sub> . |              |                    |               |               |                |
| Temperature coefficient            | -200 (+50, -100) ppm/°C (at 1 kHz)                                                                                                                                                                                |              |                    |               |               |                |
| Self-inductance                    | Approximately 6 nH/cm for the total length of capacitor winding and the leads.                                                                                                                                    |              |                    |               |               |                |
| Dissipation factor tanδ            | Maximum values at +23°C                                                                                                                                                                                           |              |                    |               |               |                |
|                                    | C ≤ 0.1 µF                                                                                                                                                                                                        |              | 0.1µF < C ≤ 1.0 µF |               | C > 1.0 µF    |                |
|                                    | 1 kHz                                                                                                                                                                                                             | 0.05%        | 0.05%              |               | 0.10%         |                |
|                                    | 10 kHz                                                                                                                                                                                                            | -            | 0.10%              |               | -             |                |
|                                    | 100 kHz                                                                                                                                                                                                           | 0.25%        | -                  |               | -             |                |
| Insulation resistance              | Measured at +23°C, 100 VDC 60 s for U <sub>R</sub> < 500 VDC and at 500 VDC for U <sub>R</sub> ≥ 500 VDC                                                                                                          |              |                    |               |               |                |
|                                    | Between terminals:<br>C ≤ 0.33 µF: ≥ 100 000 MΩ<br>C > 0.33 µF: ≥ 30 000 s<br>Between terminals and case:<br>≥ 100 000 MΩ.                                                                                        |              |                    |               |               |                |

| p          | d   | std l           | max l | b     |
|------------|-----|-----------------|-------|-------|
| 5.0 ± 0.4  | 0.5 | 5 <sup>-1</sup> | 30    | ± 0.4 |
| 7.5 ± 0.4  | 0.6 | 5 <sup>-1</sup> | 30    | ± 0.4 |
| 10.0 ± 0.4 | 0.6 | 5 <sup>-1</sup> | 30    | ± 0.4 |
| 15.0 ± 0.4 | 0.8 | 6 <sup>-1</sup> | 30    | ± 0.4 |
| 22.5 ± 0.4 | 0.8 | 6 <sup>-1</sup> | 30    | ± 0.4 |
| 27.5 ± 0.4 | 0.8 | 6 <sup>-1</sup> | 30    | ± 0.4 |
| 37.5 ± 0.5 | 1.0 | 6 <sup>-1</sup> | 30    | ± 0.7 |

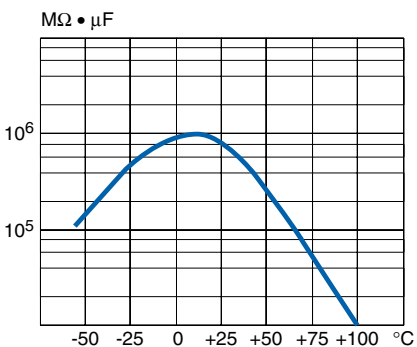
TYPICAL DATA



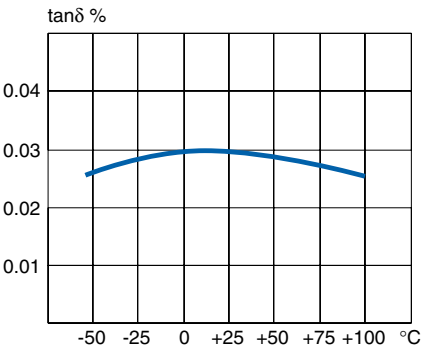
Capacitance vs. temperature (at 1 kHz)



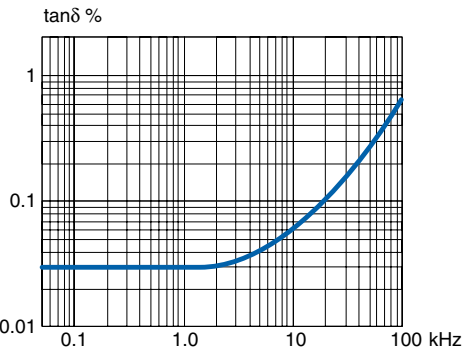
Capacitance vs. frequency (at +23°C)



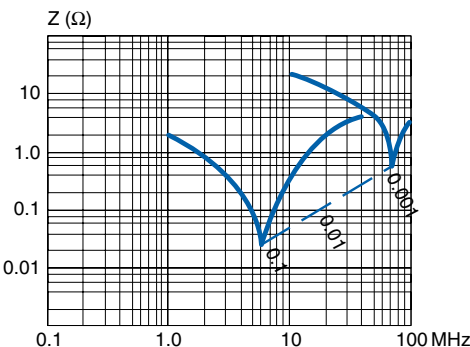
Insulation resistance vs. temperature



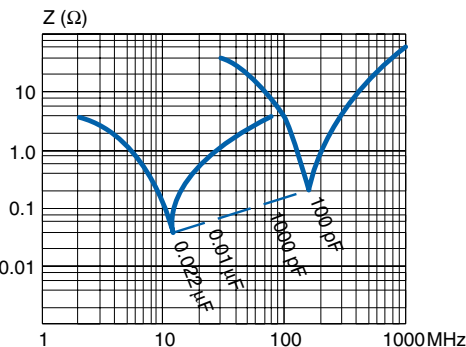
Dissipation factor vs. temperature (at 1 kHz)



Dissipation factor vs. frequency (at +23°C)

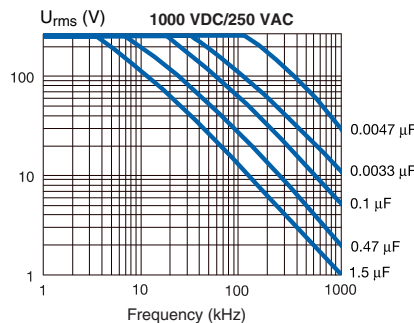
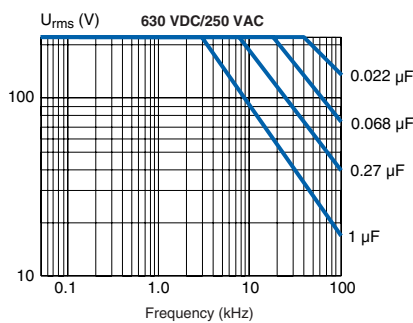
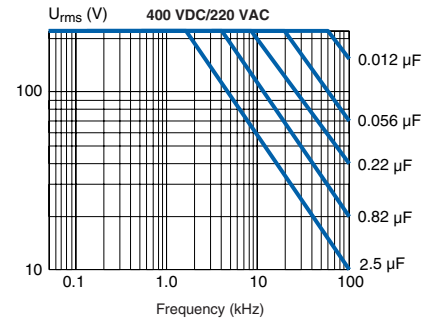
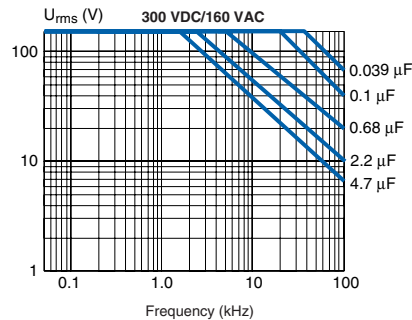
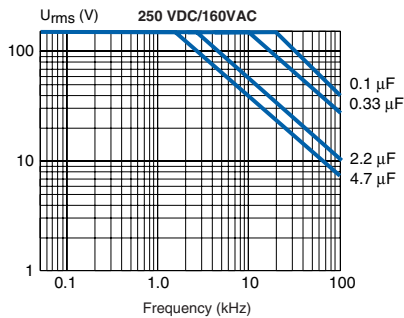


Resonance frequencies PHE 426 Lead spacing 5 mm



Resonance frequencies PHE 426 Lead spacing 7.5 to 37.5 mm

## DERATING OF $U_{RMS}$ VS FREQUENCY, +85°C AMBIENT TEMPERATURE AND 10°C INTERNAL HEATING, TYPICAL VALUES



More simulation possibilities  
in PCCAD software package.  
See page 204.

### ENVIRONMENTAL TEST DATA

|                          |                                    |                                                                                                                                                                                                                                                                                                               |
|--------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Damp heat test</b>    | Test conditions:<br>Test criteria: | $T = +40^{\circ}\text{C}$ , $\text{RH} = 93\%$ , $t = 56$ days.<br>$\Delta C/C \leq \pm 1\%$ ,<br>$\Delta \tan \delta \leq 0.001$ (1 kHz),<br>$I_R$ after test $\geq 0.5 \times I_{R \text{ min}}$ .                                                                                                          |
| <b>Endurance test</b>    | Test conditions:<br>Test criteria: | $T = +85^{\circ}\text{C}$ , $U = 1.25 \times U_R$ ,<br>$t = 2000$ h.<br>$\Delta C/C \leq \pm 1\%$ ,<br>$\Delta \tan \delta \leq 0.002$ (10 kHz), for $C_R \leq 1 \mu\text{F}$<br>$\Delta \tan \delta \leq 0.002$ (1 kHz), for $C_R > 1 \mu\text{F}$<br>$I_R$ after test $\geq 0.5 \times I_{R \text{ min}}$ . |
| <b>Capacitance drift</b> |                                    | Max. 1.5% after a 2 year storage period<br>at a temperature of $+10 \dots +40^{\circ}\text{C}$ and<br>a relative humidity of 40...60%.                                                                                                                                                                        |

### ORDERING INFORMATION

The article code for the standard part is given in the article table.  
For other options, see page 21.

### MARKING

- RIFA
- Article code
- Rated capacitance according to IEC 60062
- Capacitance tolerance code
- Rated voltage
- Manufacturing code (year, month)

### PACKING

The box dimensions for bulk packaging are 245 x 145 x 80 mm. Quantity/package as in article table, based on standard lead length. Reels with taped capacitors are packed 10 in a box with the dimensions 370 x 370 x 560 mm. Quantity per reel as in article table. The standard quantity/reel is for 360 mm reel. If 500 mm reel is required, it must be specified when ordering and the quantity is 2 x the given quantity.

## ARTICLE TABLE

| Capaci-<br>tance<br>μF | Max dimensions in mm |      |     |     | Quantity per package |      |      |      | Weight | Max<br>dU/dt<br>V/μs | Rthha °C/W<br>85 °C<br>0.2 m/s | Article code     |
|------------------------|----------------------|------|-----|-----|----------------------|------|------|------|--------|----------------------|--------------------------------|------------------|
|                        | B                    | H    | L   | p   | Bulk                 | Tray | Reel | Ammo | g      |                      |                                |                  |
| 100 VDC/63 VAC         |                      |      |     |     |                      |      |      |      |        |                      |                                |                  |
| LEAD SPACING 5 MM      |                      |      |     |     |                      |      |      |      |        |                      |                                |                  |
| 0.0010                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ4100JR05 |
| 0.0012                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ4120JR05 |
| 0.0015                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ4150JR05 |
| 0.0018                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ4180JR05 |
| 0.0022                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ4220JR05 |
| 0.0027                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ4270JR05 |
| 0.0033                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ4330JR05 |
| 0.0039                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ4390JR05 |
| 0.0047                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ4470JR05 |
| 0.0056                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ4560JR05 |
| 0.0068                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ4680JR05 |
| 0.0082                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ4820JR05 |
| 0.010                  | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ5100JR05 |
| 0.012                  | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ5120JR05 |
| 0.015                  | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 100                  | 230                            | PHE426DJ5150JR05 |
| 0.018                  | 3.5                  | 8.0  | 7.2 | 5.0 | 2000                 |      | 2000 | 2000 | 0.3    | 100                  | 230                            | PHE426DJ5180JR05 |
| 0.022                  | 3.5                  | 8.0  | 7.2 | 5.0 | 2000                 |      | 2000 | 2000 | 0.3    | 100                  | 230                            | PHE426DJ5220JR05 |
| 0.027                  | 3.5                  | 8.0  | 7.2 | 5.0 | 2000                 |      | 2000 | 2000 | 0.3    | 100                  | 230                            | PHE426DJ5270JR05 |
| 0.033                  | 3.5                  | 8.0  | 7.2 | 5.0 | 2000                 |      | 2000 | 2000 | 0.3    | 100                  | 230                            | PHE426DJ5330JR05 |
| 0.039                  | 3.5                  | 8.0  | 7.2 | 5.0 | 2000                 |      | 2000 | 2000 | 0.3    | 100                  | 230                            | PHE426DJ5390JR05 |
| 0.047                  | 3.5                  | 8.0  | 7.2 | 5.0 | 2000                 |      | 2000 | 2000 | 0.3    | 100                  | 230                            | PHE426DJ5470JR05 |
| 0.056                  | 4.5                  | 9.0  | 7.2 | 5.0 | 1000                 |      | 1500 | 1700 | 0.4    | 100                  | 230                            | PHE426DJ5560JR05 |
| 0.068                  | 4.5                  | 9.0  | 7.2 | 5.0 | 1000                 |      | 1500 | 1700 | 0.4    | 100                  | 230                            | PHE426DJ5680JR05 |
| 0.082                  | 5.0                  | 10.0 | 7.2 | 5.0 | 1000                 |      | 1300 | 1500 | 0.5    | 100                  | 230                            | PHE426DJ5820JR05 |
| 0.10                   | 6.0                  | 11.0 | 7.2 | 5.0 | 1000                 |      | 1000 | 1200 | 0.6    | 100                  | 230                            | PHE426DJ6100JR05 |
| 0.12                   | 6.0                  | 11.0 | 7.2 | 5.0 | 1000                 |      | 1000 | 1200 | 0.6    | 100                  | 230                            | PHE426DJ6120JR05 |
| 0.15                   | 7.2                  | 13.0 | 7.2 | 5.0 | 1000                 |      | 800  |      | 0.9    | 100                  | 230                            | PHE426DJ6150JR05 |
| 250 VDC/160 VAC        |                      |      |     |     |                      |      |      |      |        |                      |                                |                  |
| LEAD SPACING 5 MM      |                      |      |     |     |                      |      |      |      |        |                      |                                |                  |
| 0.0010                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ4100JR05 |
| 0.0012                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ4120JR05 |
| 0.0015                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ4150JR05 |
| 0.0018                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ4180JR05 |
| 0.0022                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ4220JR05 |
| 0.0027                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ4270JR05 |
| 0.0033                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ4330JR05 |
| 0.0039                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ4390JR05 |
| 0.0047                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ4470JR05 |
| 0.0056                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ4560JR05 |
| 0.0068                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ4680JR05 |
| 0.0082                 | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ4820JR05 |
| 0.010                  | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ5100JR05 |
| 0.012                  | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ5120JR05 |
| 0.015                  | 2.5                  | 6.5  | 7.2 | 5.0 | 2000                 |      | 2500 | 3000 | 0.2    | 40                   | 230                            | PHE426HJ5150JR05 |
| 0.018                  | 3.5                  | 8.0  | 7.2 | 5.0 | 2000                 |      | 2000 | 2000 | 0.3    | 40                   | 230                            | PHE426HJ5180JR05 |
| 0.022                  | 3.5                  | 8.0  | 7.2 | 5.0 | 2000                 |      | 2000 | 2000 | 0.3    | 40                   | 230                            | PHE426HJ5220JR05 |
| 0.027                  | 3.5                  | 8.0  | 7.2 | 5.0 | 2000                 |      | 2000 | 2000 | 0.3    | 40                   | 230                            | PHE426HJ5270JR05 |
| 0.033                  | 3.5                  | 8.0  | 7.2 | 5.0 | 2000                 |      | 2000 | 2000 | 0.3    | 40                   | 230                            | PHE426HJ5330JR05 |
| 0.039                  | 3.5                  | 8.0  | 7.2 | 5.0 | 2000                 |      | 2000 | 2000 | 0.3    | 40                   | 230                            | PHE426HJ5390JR05 |
| 0.047                  | 3.5                  | 8.0  | 7.2 | 5.0 | 2000                 |      | 2000 | 2000 | 0.3    | 40                   | 230                            | PHE426HJ5470JR05 |
| 0.056                  | 4.5                  | 9.0  | 7.2 | 5.0 | 1000                 |      | 1500 | 1700 | 0.4    | 40                   | 230                            | PHE426HJ5560JR05 |
| 0.068                  | 4.5                  | 9.0  | 7.2 | 5.0 | 1000                 |      | 1500 | 1700 | 0.4    | 40                   | 230                            | PHE426HJ5680JR05 |
| 0.082                  | 5.0                  | 10.0 | 7.2 | 5.0 | 1000                 |      | 1300 | 1500 | 0.5    | 40                   | 230                            | PHE426HJ5820JR05 |
| 0.10                   | 6.0                  | 11.0 | 7.2 | 5.0 | 1000                 |      | 1000 | 1200 | 0.6    | 40                   | 230                            | PHE426HJ6100JR05 |
| 0.12                   | 6.0                  | 11.0 | 7.2 | 5.0 | 1000                 |      | 1000 | 1200 | 0.6    | 40                   | 230                            | PHE426HJ6120JR05 |
| 0.15                   | 7.2                  | 13.0 | 7.2 | 5.0 | 1000                 |      | 800  |      | 0.9    | 40                   | 230                            | PHE426HJ6150JR05 |

## ARTICLE TABLE

| Capacitance<br>μF    | Max dimensions in mm |      |      |      | Quantity per package |      |      |      | Weight | Max<br>dU/dt<br>V/μs | Rthha °C/W<br>85 °C<br>0.2 m/s | Article code       |
|----------------------|----------------------|------|------|------|----------------------|------|------|------|--------|----------------------|--------------------------------|--------------------|
|                      | B                    | H    | L    | p    | Bulk                 | Tray | Reel | Ammo | g      |                      |                                |                    |
| 250 VDC/160 VAC      |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| LEAD SPACING 7.5 MM  |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.0010               | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK4100JR05   |
| 0.0012               | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK4120JR05   |
| 0.0015               | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK4150JR05   |
| 0.0018               | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK4180JR05   |
| 0.0022               | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK4220JR05   |
| 0.0027               | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK4270JR05   |
| 0.0033               | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK4330JR05   |
| 0.0039               | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK4390JR05   |
| 0.0047               | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK4470JR05   |
| 0.0056               | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK4560JR05   |
| 0.0068               | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK4680JR05   |
| 0.0082               | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK4820JR05   |
| 0.010                | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK5100JR05   |
| 0.012                | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK5120JR05   |
| 0.015                | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK5150JR05   |
| 0.018                | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK5180JR05   |
| 0.022                | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK5220JR05   |
| 0.027                | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK5270JR05   |
| 0.033                | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK5330JR05   |
| 0.039                | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK5390JR05   |
| 0.047                | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK5470JR05   |
| 0.056                | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 180                  | 160                            | PHE426HK5560JR05   |
| 0.068                | 5.0                  | 11.0 | 10.0 | 7.5  | 1000                 |      | 1300 | 1500 | 0.8    | 180                  | 160                            | PHE426HK5680JR05   |
| 0.082                | 5.0                  | 11.0 | 10.0 | 7.5  | 1000                 |      | 1300 | 1500 | 0.8    | 180                  | 160                            | PHE426HK5820JR05   |
| 0.10                 | 5.0                  | 11.0 | 10.0 | 7.5  | 1000                 |      | 1300 | 1500 | 0.8    | 180                  | 160                            | PHE426HK6100JR05   |
| 0.12                 | 6.0                  | 12.0 | 10.5 | 7.5  | 1000                 |      | 1000 | 1200 | 1.0    | 180                  | 160                            | PHE426HK6120JR05   |
| 0.15                 | 6.0                  | 12.0 | 10.5 | 7.5  | 1000                 |      | 1000 | 1200 | 1.0    | 180                  | 160                            | PHE426HK6150JR05   |
| LEAD SPACING 10 MM   |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.068                | 4.0                  | 9.0  | 13.0 | 10.0 | 1000                 |      | 900  |      | 0.6    | 160                  | 135                            | PHE426HA5680JR05   |
| 0.082                | 4.0                  | 9.0  | 13.0 | 10.0 | 1000                 |      | 900  |      | 0.6    | 160                  | 135                            | PHE426HA5820JR05   |
| 0.10                 | 4.5                  | 10.5 | 13.0 | 10.0 | 1000                 |      | 800  |      | 0.9    | 160                  | 120                            | PHE426HA6100JR05   |
| 0.12                 | 4.5                  | 10.5 | 13.0 | 10.0 | 1000                 |      | 800  |      | 0.9    | 160                  | 120                            | PHE426HA6120JR05   |
| 0.15                 | 5.0                  | 11.0 | 13.0 | 10.0 | 800                  |      | 700  |      | 1.0    | 160                  | 113                            | PHE426HA6150JR05   |
| 0.18                 | 5.0                  | 11.0 | 13.0 | 10.0 | 800                  |      | 700  |      | 1.0    | 160                  | 113                            | PHE426HA6180JR05   |
| 0.22                 | 6.0                  | 12.0 | 13.0 | 10.0 | 600                  |      | 500  |      | 1.3    | 160                  | 105                            | PHE426HA6220JR05   |
| LEAD SPACING 15 MM   |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.18                 | 5.5                  | 10.5 | 18.0 | 15.0 | 1000                 |      | 600  |      | 1.5    | 120                  | 99                             | PHE426HB6180JR06   |
| 0.22                 | 5.5                  | 10.5 | 18.0 | 15.0 | 1000                 |      | 600  |      | 1.5    | 120                  | 99                             | PHE426HB6220JR06   |
| 0.27                 | 5.5                  | 12.5 | 18.0 | 15.0 | 1000                 |      | 600  |      | 1.7    | 120                  | 85                             | PHE426HB6270JR06   |
| 0.33                 | 6.0                  | 12.0 | 18.0 | 15.0 | 1000                 |      | 500  |      | 1.8    | 120                  | 83                             | PHE426HB6330JR06   |
| 0.39                 | 6.5                  | 12.5 | 18.0 | 15.0 | 1000                 |      | 500  |      | 2.0    | 120                  | 82                             | PHE426HB6390JR06   |
| 0.47                 | 7.5                  | 14.5 | 18.0 | 15.0 | 800                  |      | 400  |      | 2.7    | 120                  | 74                             | PHE426HB6470JR06   |
| 0.56                 | 7.5                  | 14.5 | 18.0 | 15.0 | 800                  |      | 400  |      | 2.7    | 120                  | 74                             | PHE426HB6560JR06   |
| 0.68                 | 8.0                  | 15.0 | 18.0 | 15.0 | 600                  |      | 400  |      | 3.0    | 120                  | 71                             | PHE426HB6680JR06   |
| 0.82                 | 8.5                  | 16.0 | 18.0 | 15.0 | 600                  |      | 400  |      | 3.4    | 120                  | 64                             | PHE426HB6820JR06   |
| 1.0                  | 9.5                  | 17.5 | 18.0 | 15.0 | 500                  |      | 350  |      | 4.2    | 120                  | 60                             | PHE426HB7100JR06   |
| LEAD SPACING 22.5 MM |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.68                 | 6.5                  | 14.5 | 26.0 | 22.5 |                      | 234  |      |      | 3.2    | 80                   | 58                             | PHE426HD6680JR06L2 |
| 0.82                 | 7.0                  | 16.5 | 26.0 | 22.5 |                      | 216  |      |      | 3.9    | 80                   | 53                             | PHE426HD6820JR06L2 |
| 1.0                  | 7.0                  | 16.5 | 26.0 | 22.5 |                      | 216  |      |      | 3.9    | 80                   | 53                             | PHE426HD7100JR06L2 |
| 1.2                  | 8.0                  | 16.0 | 26.0 | 22.5 |                      | 186  |      |      | 4.3    | 80                   | 53                             | PHE426HD7120JR06L2 |
| 1.5                  | 9.0                  | 18.5 | 26.0 | 22.5 |                      | 168  |      |      | 5.6    | 80                   | 48                             | PHE426HD7150JR06L2 |
| 1.8                  | 10.5                 | 19.0 | 26.0 | 22.5 |                      | 264  |      |      | 6.7    | 80                   | 45                             | PHE426HD7180JR06L2 |
| 2.2                  | 11.0                 | 21.5 | 26.0 | 22.5 |                      | 253  |      |      | 8.0    | 80                   | 40                             | PHE426HD7220JR06L2 |
| 2.7                  | 13.5                 | 23.0 | 26.0 | 22.5 |                      | 209  |      |      | 8.2    | 80                   | 40                             | PHE426HD7270JR06L2 |
| 3.3                  | 13.5                 | 23.0 | 26.0 | 22.5 |                      | 209  |      |      | 8.2    | 80                   | 40                             | PHE426HD7330JR06L2 |
| 3.9                  | 15.5                 | 24.5 | 26.0 | 22.5 |                      | 176  |      |      | 10.0   | 80                   | 40                             | PHE426HD7390JR06L2 |
| 4.7                  | 15.5                 | 24.5 | 26.0 | 22.5 |                      | 176  |      |      | 10.0   | 80                   | 40                             | PHE426HD7470JR06L2 |

## ARTICLE TABLE

| Capacitance<br>μF    | Max dimensions in mm |      |      |      | Quantity per package |      |      |      | Weight | Max<br>dU/dt<br>V/μs | Rthha °C/W<br>85 °C<br>0.2 m/s | Article code       |
|----------------------|----------------------|------|------|------|----------------------|------|------|------|--------|----------------------|--------------------------------|--------------------|
|                      | B                    | H    | L    | p    | Bulk                 | Tray | Reel | Ammo | g      |                      |                                |                    |
| 250 VDC/160 VAC      |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| LEAD SPACING 27.5 MM |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 2.2                  | 10.5                 | 20.5 | 31.5 | 27.5 |                      |      |      | 216  | 8.8    | 50                   | 37                             | PHE426HF7220JR06L2 |
| 2.7                  | 10.5                 | 20.5 | 31.5 | 27.5 |                      |      |      | 216  | 8.8    | 50                   | 37                             | PHE426HF7270JR06L2 |
| 3.3                  | 11.5                 | 22.5 | 31.5 | 27.5 |                      |      |      | 198  | 10.6   | 50                   | 34                             | PHE426HF7330JR06L2 |
| 3.9                  | 13.5                 | 23.0 | 31.5 | 27.5 |                      |      |      | 171  | 12.7   | 50                   | 33                             | PHE426HF7390JR06L2 |
| 4.7                  | 13.5                 | 23.0 | 31.5 | 27.5 |                      |      |      | 171  | 12.7   | 50                   | 32                             | PHE426HF7470JR06L2 |
| 5.6                  | 17.5                 | 28.0 | 31.5 | 27.5 |                      |      |      | 126  | 19.7   | 50                   | 28                             | PHE426HF7560JR06L2 |
| 6.8                  | 17.5                 | 28.0 | 31.5 | 27.5 |                      |      |      | 126  | 19.7   | 50                   | 28                             | PHE426HF7680JR06L2 |
| 8.2                  | 19.0                 | 29.0 | 31.5 | 27.5 |                      |      |      | 117  | 22.1   | 50                   | 26                             | PHE426HF7820JR06L2 |
| 10.0                 | 21.0                 | 30.0 | 31.5 | 27.5 |                      |      |      | 108  | 25.3   | 50                   | 26                             | PHE426HF8100JR06L2 |
| LEAD SPACING 37.5 MM |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 4.7                  | 13.0                 | 24.0 | 41.0 | 37.5 |                      |      |      | 140  | 16.6   | 30                   | 27                             | PHE426HR7470JR06L2 |
| 5.6                  | 13.0                 | 24.0 | 41.0 | 37.5 |                      |      |      | 140  | 16.6   | 30                   | 27                             | PHE426HR7560JR06L2 |
| 6.8                  | 15.0                 | 26.0 | 41.0 | 37.5 |                      |      |      | 119  | 20.8   | 30                   | 25                             | PHE426HR7680JR06L2 |
| 8.2                  | 16.5                 | 32.0 | 41.0 | 37.5 |                      |      |      | 105  | 28.1   | 30                   | 21                             | PHE426HR7820JR06L2 |
| 10.0                 | 16.5                 | 32.0 | 41.0 | 37.5 |                      |      |      | 105  | 28.1   | 30                   | 21                             | PHE426HR8100JR06L2 |
| 12.0                 | 19.0                 | 36.0 | 41.0 | 37.5 |                      |      |      | 91   | 36.5   | 30                   | 19                             | PHE426HR8120JR06L2 |
| 15.0                 | 19.0                 | 36.0 | 41.0 | 37.5 |                      |      |      | 91   | 36.5   | 30                   | 19                             | PHE426HR8150JR06L2 |
| 18.0                 | 21.0                 | 38.0 | 41.0 | 37.5 |                      |      |      | 84   | 42.5   | 30                   | 17                             | PHE426HR8180JR06L2 |
| 20.0                 | 21.0                 | 38.0 | 41.0 | 37.5 |                      |      |      | 84   | 42.5   | 30                   | 17                             | PHE426HR8200JR06L2 |
| 300 VDC/160 VAC      |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| LEAD SPACING 10 MM   |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.033                | 4.0                  | 9.0  | 13.0 | 10.0 | 1000                 |      |      | 900  | 0.6    | 200                  | 135                            | PHE426JA5330JR05   |
| 0.039                | 4.0                  | 9.0  | 13.0 | 10.0 | 1000                 |      |      | 900  | 0.6    | 200                  | 135                            | PHE426JA5390JR05   |
| 0.047                | 4.0                  | 9.0  | 13.0 | 10.0 | 1000                 |      |      | 900  | 0.6    | 200                  | 135                            | PHE426JA5470JR05   |
| 0.056                | 4.0                  | 9.0  | 13.0 | 10.0 | 1000                 |      |      | 900  | 0.6    | 200                  | 135                            | PHE426JA5560JR05   |
| 0.068                | 4.5                  | 10.5 | 13.0 | 10.0 | 1000                 |      |      | 800  | 0.9    | 200                  | 120                            | PHE426JA5680JR05   |
| 0.082                | 4.5                  | 10.5 | 13.0 | 10.0 | 1000                 |      |      | 800  | 0.9    | 200                  | 120                            | PHE426JA5820JR05   |
| 0.10                 | 5.0                  | 11.0 | 13.0 | 10.0 | 800                  |      |      | 700  | 1.0    | 200                  | 113                            | PHE426JA6100JR05   |
| 0.12                 | 5.0                  | 11.0 | 13.0 | 10.0 | 800                  |      |      | 700  | 1.0    | 200                  | 113                            | PHE426JA6120JR05   |
| 0.15                 | 6.0                  | 12.0 | 13.0 | 10.0 | 600                  |      |      | 500  | 1.3    | 200                  | 105                            | PHE426JA6150JR05   |
| LEAD SPACING 15 MM   |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.10                 | 5.5                  | 10.5 | 18.0 | 15.0 | 1000                 |      |      | 600  | 1.5    | 150                  | 99                             | PHE426JB6100JR06   |
| 0.12                 | 5.5                  | 10.5 | 18.0 | 15.0 | 1000                 |      |      | 600  | 1.5    | 150                  | 99                             | PHE426JB6120JR06   |
| 0.15                 | 5.5                  | 10.5 | 18.0 | 15.0 | 1000                 |      |      | 600  | 1.5    | 150                  | 99                             | PHE426JB6150JR06   |
| 0.18                 | 5.5                  | 12.5 | 18.0 | 15.0 | 1000                 |      |      | 600  | 1.7    | 150                  | 85                             | PHE426JB6180JR06   |
| 0.22                 | 6.0                  | 12.0 | 18.0 | 15.0 | 1000                 |      |      | 500  | 1.8    | 150                  | 83                             | PHE426JB6220JR06   |
| 0.27                 | 6.5                  | 12.5 | 18.0 | 15.0 | 1000                 |      |      | 500  | 2.0    | 150                  | 82                             | PHE426JB6270JR06   |
| 0.33                 | 7.5                  | 14.5 | 18.0 | 15.0 | 800                  |      |      | 400  | 2.7    | 150                  | 74                             | PHE426JB6330JR06   |
| 0.39                 | 7.5                  | 14.5 | 18.0 | 15.0 | 800                  |      |      | 400  | 2.7    | 150                  | 74                             | PHE426JB6390JR06   |
| 0.47                 | 8.0                  | 15.0 | 18.0 | 15.0 | 600                  |      |      | 400  | 3.0    | 150                  | 71                             | PHE426JB6470JR06   |
| 0.56                 | 8.5                  | 16.0 | 18.0 | 15.0 | 600                  |      |      | 400  | 3.4    | 150                  | 64                             | PHE426JB6560JR06   |
| 0.68                 | 9.5                  | 17.5 | 18.0 | 15.0 | 500                  |      |      | 350  | 4.2    | 150                  | 60                             | PHE426JB6680JR06   |
| LEAD SPACING 22.5 MM |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.33                 | 6.5                  | 14.5 | 26.0 | 22.5 |                      |      |      | 234  | 3.2    | 100                  | 58                             | PHE426JD6330JR06L2 |
| 0.39                 | 6.5                  | 14.5 | 26.0 | 22.5 |                      |      |      | 234  | 3.2    | 100                  | 58                             | PHE426JD6390JR06L2 |
| 0.47                 | 6.5                  | 14.5 | 26.0 | 22.5 |                      |      |      | 234  | 3.2    | 100                  | 58                             | PHE426JD6470JR06L2 |
| 0.56                 | 6.5                  | 14.5 | 26.0 | 22.5 |                      |      |      | 234  | 3.2    | 100                  | 58                             | PHE426JD6560JR06L2 |
| 0.68                 | 7.0                  | 16.5 | 26.0 | 22.5 |                      |      |      | 216  | 3.9    | 100                  | 53                             | PHE426JD6680JR06L2 |
| 0.82                 | 8.0                  | 16.0 | 26.0 | 22.5 |                      |      |      | 186  | 4.3    | 100                  | 53                             | PHE426JD6820JR06L2 |
| 1.0                  | 9.0                  | 18.5 | 26.0 | 22.5 |                      |      |      | 168  | 5.6    | 100                  | 48                             | PHE426JD7100JR06L2 |
| 1.2                  | 10.5                 | 19.0 | 26.0 | 22.5 |                      |      |      | 264  | 6.7    | 100                  | 45                             | PHE426JD7120JR06L2 |
| 1.5                  | 11.0                 | 21.5 | 26.0 | 22.5 |                      |      |      | 253  | 8.0    | 100                  | 40                             | PHE426JD7150JR06L2 |
| 1.8                  | 13.5                 | 23.0 | 26.0 | 22.5 |                      |      |      | 209  | 8.2    | 100                  | 40                             | PHE426JD7180JR06L2 |

## ARTICLE TABLE

| Capaci-<br>tance<br>μF | Max dimensions in mm |      |      |      | Quantity per package |      |      |      | Weight | Max<br>dU/dt<br>V/μs | Rthha °C/W<br>85 °C<br>0.2 m/s | Article code       |
|------------------------|----------------------|------|------|------|----------------------|------|------|------|--------|----------------------|--------------------------------|--------------------|
|                        | B                    | H    | L    | p    | Bulk                 | Tray | Reel | Ammo | g      |                      |                                |                    |
| 300 VDC/160 VAC        |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| LEAD SPACING 22.5 MM   |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 2.2                    | 13.5                 | 23.0 | 26.0 | 22.5 | 209                  |      |      |      | 8.2    | 100                  | 40                             | PHE426JD7220JR06L2 |
| 2.7                    | 15.5                 | 24.5 | 26.0 | 22.5 | 176                  |      |      |      | 10.0   | 100                  | 40                             | PHE426JD7270JR06L2 |
| LEAD SPACING 27.5 MM   |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 1.0                    | 10.5                 | 20.5 | 31.5 | 27.5 | 216                  |      |      |      | 8.8    | 70                   | 37                             | PHE426JF7100JR06L2 |
| 1.2                    | 10.5                 | 20.5 | 31.5 | 27.5 | 216                  |      |      |      | 8.8    | 70                   | 37                             | PHE426JF7120JR06L2 |
| 1.5                    | 10.5                 | 20.5 | 31.5 | 27.5 | 216                  |      |      |      | 8.8    | 70                   | 37                             | PHE426JF7150JR06L2 |
| 1.8                    | 10.5                 | 20.5 | 31.5 | 27.5 | 216                  |      |      |      | 8.8    | 70                   | 37                             | PHE426JF7180JR06L2 |
| 2.2                    | 11.5                 | 22.5 | 31.5 | 27.5 | 198                  |      |      |      | 10.6   | 70                   | 34                             | PHE426JF7220JR06L2 |
| 2.7                    | 13.5                 | 23.0 | 31.5 | 27.5 | 171                  |      |      |      | 12.7   | 70                   | 33                             | PHE426JF7270JR06L2 |
| 3.3                    | 14.5                 | 24.5 | 31.5 | 27.5 | 153                  |      |      |      | 14.5   | 70                   | 32                             | PHE426JF7330JR06L2 |
| 3.9                    | 17.5                 | 28.0 | 31.5 | 27.5 | 126                  |      |      |      | 19.7   | 70                   | 28                             | PHE426JF7390JR06L2 |
| 4.7                    | 17.5                 | 28.0 | 31.5 | 27.5 | 126                  |      |      |      | 19.7   | 70                   | 28                             | PHE426JF7470JR06L2 |
| 5.6                    | 19.0                 | 29.0 | 31.5 | 27.5 | 117                  |      |      |      | 22.1   | 70                   | 26                             | PHE426JF7560JR06L2 |
| 6.8                    | 21.0                 | 30.0 | 31.5 | 27.5 | 108                  |      |      |      | 25.3   | 70                   | 26                             | PHE426JF7680JR06L2 |
| LEAD SPACING 37.5 MM   |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 3.3                    | 13.0                 | 24.0 | 41.0 | 37.5 | 140                  |      |      |      | 16.6   | 40                   | 27                             | PHE426JR7330JR06L2 |
| 3.9                    | 13.0                 | 24.0 | 41.0 | 37.5 | 140                  |      |      |      | 16.6   | 40                   | 27                             | PHE426JR7390JR06L2 |
| 4.7                    | 15.0                 | 26.0 | 41.0 | 37.5 | 119                  |      |      |      | 20.8   | 40                   | 25                             | PHE426JR7470JR06L2 |
| 5.6                    | 16.5                 | 32.0 | 41.0 | 37.5 | 105                  |      |      |      | 28.1   | 40                   | 21                             | PHE426JR7560JR06L2 |
| 6.8                    | 16.5                 | 32.0 | 41.0 | 37.5 | 105                  |      |      |      | 28.1   | 40                   | 21                             | PHE426JR7680JR06L2 |
| 8.2                    | 19.0                 | 36.0 | 41.0 | 37.5 | 91                   |      |      |      | 36.5   | 40                   | 19                             | PHE426JR7820JR06L2 |
| 10.0                   | 19.0                 | 36.0 | 41.0 | 37.5 | 91                   |      |      |      | 36.5   | 40                   | 19                             | PHE426JR8100JR06L2 |
| 12.0                   | 21.0                 | 38.0 | 41.0 | 37.5 | 84                   |      |      |      | 42.5   | 40                   | 17                             | PHE426JR8120JR06L2 |
| 400 VDC/220 VAC        |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| LEAD SPACING 5 MM      |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.0010                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426KJ4100JR05   |
| 0.0012                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426KJ4120JR05   |
| 0.0015                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426KJ4150JR05   |
| 0.0018                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426KJ4180JR05   |
| 0.0022                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426KJ4220JR05   |
| 0.0027                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426KJ4270JR05   |
| 0.0033                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426KJ4330JR05   |
| 0.0039                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426KJ4390JR05   |
| 0.0047                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426KJ4470JR05   |
| 0.0056                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426KJ4560JR05   |
| 0.0068                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426KJ4680JR05   |
| 0.0082                 | 3.5                  | 8.0  | 7.2  | 5.0  | 2000                 |      | 2000 | 2000 | 0.2    | 30                   | 230                            | PHE426KJ4820JR05   |
| 0.010                  | 3.5                  | 8.0  | 7.2  | 5.0  | 2000                 |      | 2000 | 2000 | 0.3    | 30                   | 230                            | PHE426KJ5100JR05   |
| 0.012                  | 3.5                  | 8.0  | 7.2  | 5.0  | 2000                 |      | 2000 | 2000 | 0.3    | 30                   | 230                            | PHE426KJ5120JR05   |
| 0.015                  | 3.5                  | 8.0  | 7.2  | 5.0  | 2000                 |      | 2000 | 2000 | 0.3    | 30                   | 230                            | PHE426KJ5150JR05   |
| 0.018                  | 3.5                  | 8.0  | 7.2  | 5.0  | 2000                 |      | 2000 | 2000 | 0.3    | 30                   | 230                            | PHE426KJ5180JR05   |
| 0.022                  | 3.5                  | 8.0  | 7.2  | 5.0  | 2000                 |      | 2000 | 2000 | 0.3    | 30                   | 230                            | PHE426KJ5220JR05   |
| 0.027                  | 4.5                  | 9.0  | 7.2  | 5.0  | 1000                 |      | 1500 | 1700 | 0.4    | 30                   | 230                            | PHE426KJ5270JR05   |
| 0.033                  | 4.5                  | 9.0  | 7.2  | 5.0  | 1000                 |      | 1500 | 1700 | 0.4    | 30                   | 230                            | PHE426KJ5330JR05   |
| 0.039                  | 5.0                  | 10.0 | 7.2  | 5.0  | 1000                 |      | 1300 | 1500 | 0.5    | 30                   | 230                            | PHE426KJ5390JR05   |
| 0.047                  | 6.0                  | 11.0 | 7.2  | 5.0  | 1000                 |      | 1000 | 1200 | 0.6    | 30                   | 230                            | PHE426KJ5470JR05   |
| 0.056                  | 6.0                  | 11.0 | 7.2  | 5.0  | 1000                 |      | 1000 | 1200 | 0.6    | 30                   | 230                            | PHE426KJ5560JR05   |
| 0.068                  | 7.2                  | 13.0 | 7.2  | 5.0  | 1000                 |      | 800  |      | 0.9    | 30                   | 230                            | PHE426KJ5680JR05   |
| LEAD SPACING 7.5 MM    |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.0010                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK4100JR05   |
| 0.0012                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK4120JR05   |
| 0.0015                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK4150JR05   |
| 0.0018                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK4180JR05   |

## ARTICLE TABLE

| Capaci-<br>tance<br>μF | Max dimensions in mm |      |      |      | Quantity per package |      |      |      | Weight | Max<br>dU/dt<br>V/μs | Rthha °C/W<br>85 °C<br>0.2 m/s | Article code       |
|------------------------|----------------------|------|------|------|----------------------|------|------|------|--------|----------------------|--------------------------------|--------------------|
|                        | B                    | H    | L    | p    | Bulk                 | Tray | Reel | Ammo | g      |                      |                                |                    |
| 400 VDC/220 VAC        |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| LEAD SPACING 7.5 MM    |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.0022                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK4220JR05   |
| 0.0027                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK4270JR05   |
| 0.0033                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK4330JR05   |
| 0.0039                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK4390JR05   |
| 0.0047                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK4470JR05   |
| 0.0056                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK4560JR05   |
| 0.0068                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK4680JR05   |
| 0.0082                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK4820JR05   |
| 0.010                  | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK5100JR05   |
| 0.012                  | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK5120JR05   |
| 0.015                  | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK5150JR05   |
| 0.018                  | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK5180JR05   |
| 0.022                  | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK5220JR05   |
| 0.027                  | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426KK5270JR05   |
| 0.033                  | 5.0                  | 11.0 | 10.0 | 7.5  | 1000                 |      | 1300 | 1500 | 0.8    | 200                  | 160                            | PHE426KK5330JR05   |
| 0.039                  | 5.0                  | 11.0 | 10.0 | 7.5  | 1000                 |      | 1300 | 1500 | 0.8    | 200                  | 160                            | PHE426KK5390JR05   |
| 0.047                  | 5.0                  | 11.0 | 10.0 | 7.5  | 1000                 |      | 1300 | 1500 | 0.8    | 200                  | 160                            | PHE426KK5470JR05   |
| 0.056                  | 6.0                  | 12.0 | 10.5 | 7.5  | 1000                 |      | 1000 | 1200 | 1.0    | 200                  | 160                            | PHE426KK5560JR05   |
| 0.068                  | 6.0                  | 12.0 | 10.5 | 7.5  | 1000                 |      | 1000 | 1200 | 1.0    | 200                  | 160                            | PHE426KK5680JR05   |
| LEAD SPACING 10 MM     |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.022                  | 4.0                  | 9.0  | 13.0 | 10.0 | 1000                 |      | 900  |      | 0.6    | 300                  | 135                            | PHE426KA5220JR05   |
| 0.027                  | 4.0                  | 9.0  | 13.0 | 10.0 | 1000                 |      | 900  |      | 0.6    | 300                  | 135                            | PHE426KA5270JR05   |
| 0.033                  | 4.5                  | 10.5 | 13.0 | 10.0 | 1000                 |      | 800  |      | 0.9    | 300                  | 120                            | PHE426KA5330JR05   |
| 0.039                  | 4.5                  | 10.5 | 13.0 | 10.0 | 1000                 |      | 800  |      | 0.9    | 300                  | 120                            | PHE426KA5390JR05   |
| 0.047                  | 4.5                  | 10.5 | 13.0 | 10.0 | 1000                 |      | 800  |      | 0.9    | 300                  | 120                            | PHE426KA5470JR05   |
| 0.056                  | 5.0                  | 11.0 | 13.0 | 10.0 | 800                  |      | 700  |      | 1.0    | 300                  | 113                            | PHE426KA5560JR05   |
| 0.068                  | 6.0                  | 12.0 | 13.0 | 10.0 | 600                  |      | 500  |      | 1.3    | 300                  | 105                            | PHE426KA5680JR05   |
| 0.082                  | 6.0                  | 12.0 | 13.0 | 10.0 | 600                  |      | 500  |      | 1.3    | 300                  | 105                            | PHE426KA5820JR05   |
| LEAD SPACING 15 MM     |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.068                  | 5.5                  | 10.5 | 18.0 | 15.0 | 1000                 |      | 600  |      | 1.5    | 200                  | 99                             | PHE426KB5680JR06   |
| 0.082                  | 5.5                  | 10.5 | 18.0 | 15.0 | 1000                 |      | 600  |      | 1.5    | 200                  | 99                             | PHE426KB5820JR06   |
| 0.10                   | 5.5                  | 10.5 | 18.0 | 15.0 | 1000                 |      | 600  |      | 1.5    | 200                  | 99                             | PHE426KB6100JR06   |
| 0.12                   | 5.5                  | 12.5 | 18.0 | 15.0 | 1000                 |      | 600  |      | 1.7    | 200                  | 85                             | PHE426KB6120JR06   |
| 0.15                   | 6.5                  | 12.5 | 18.0 | 15.0 | 1000                 |      | 500  |      | 2.0    | 200                  | 84                             | PHE426KB6150JR06   |
| 0.18                   | 7.5                  | 14.5 | 18.0 | 15.0 | 800                  |      | 400  |      | 2.7    | 200                  | 74                             | PHE426KB6180JR06   |
| 0.22                   | 7.5                  | 14.5 | 18.0 | 15.0 | 800                  |      | 400  |      | 2.7    | 200                  | 74                             | PHE426KB6220JR06   |
| 0.27                   | 8.0                  | 15.0 | 18.0 | 15.0 | 600                  |      | 400  |      | 3.0    | 200                  | 71                             | PHE426KB6270JR06   |
| 0.33                   | 8.5                  | 16.0 | 18.0 | 15.0 | 600                  |      | 400  |      | 3.4    | 200                  | 64                             | PHE426KB6330JR06   |
| 0.39                   | 9.5                  | 17.5 | 18.0 | 15.0 | 500                  |      | 350  |      | 4.2    | 200                  | 60                             | PHE426KB6390JR06   |
| 0.47                   | 9.5                  | 17.5 | 18.0 | 15.0 | 500                  |      | 350  |      | 4.2    | 200                  | 60                             | PHE426KB6470JR06   |
| LEAD SPACING 22.5 MM   |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.18                   | 6.5                  | 14.5 | 26.0 | 22.5 |                      | 234  |      |      | 3.2    | 150                  | 58                             | PHE426KD6180JR06L2 |
| 0.22                   | 6.5                  | 14.5 | 26.0 | 22.5 |                      | 234  |      |      | 3.2    | 150                  | 58                             | PHE426KD6220JR06L2 |
| 0.27                   | 6.5                  | 14.5 | 26.0 | 22.5 |                      | 234  |      |      | 3.2    | 150                  | 58                             | PHE426KD6270JR06L2 |
| 0.33                   | 6.5                  | 14.5 | 26.0 | 22.5 |                      | 234  |      |      | 3.2    | 150                  | 58                             | PHE426KD6330JR06L2 |
| 0.39                   | 7.0                  | 16.5 | 26.0 | 22.5 |                      | 216  |      |      | 3.9    | 150                  | 53                             | PHE426KD6390JR06L2 |
| 0.47                   | 8.0                  | 16.0 | 26.0 | 22.5 |                      | 186  |      |      | 4.3    | 150                  | 53                             | PHE426KD6470JR06L2 |
| 0.56                   | 9.0                  | 18.5 | 26.0 | 22.5 |                      | 168  |      |      | 5.6    | 150                  | 48                             | PHE426KD6560JR06L2 |
| 0.68                   | 9.0                  | 18.5 | 26.0 | 22.5 |                      | 168  |      |      | 5.6    | 150                  | 48                             | PHE426KD6680JR06L2 |
| 0.82                   | 10.5                 | 19.0 | 26.0 | 22.5 |                      | 264  |      |      | 6.7    | 150                  | 45                             | PHE426KD6820JR06L2 |
| 1.0                    | 11.0                 | 21.5 | 26.0 | 22.5 |                      | 253  |      |      | 8.0    | 150                  | 40                             | PHE426KD7100JR06L2 |
| 1.2                    | 13.5                 | 23.0 | 26.0 | 22.5 |                      | 209  |      |      | 8.2    | 150                  | 40                             | PHE426KD7120JR06L2 |
| 1.5                    | 13.5                 | 23.0 | 26.0 | 22.5 |                      | 209  |      |      | 8.2    | 150                  | 40                             | PHE426KD7150JR06L2 |
| 1.8                    | 15.5                 | 24.5 | 26.0 | 22.5 |                      | 176  |      |      | 10.0   | 150                  | 40                             | PHE426KD7180JR06L2 |



## ARTICLE TABLE

| Capaci-<br>tance<br>μF | Max dimensions in mm |      |      |      | Quantity per package |      |      |      | Weight | Max<br>dU/dt<br>V/μs | Rthha °C/W<br>85 °C<br>0.2 m/s | Article code       |
|------------------------|----------------------|------|------|------|----------------------|------|------|------|--------|----------------------|--------------------------------|--------------------|
|                        | B                    | H    | L    | p    | Bulk                 | Tray | Reel | Ammo | g      |                      |                                |                    |
| 400 VDC/220 VAC        |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| LEAD SPACING 27.5 MM   |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.56                   | 10.5                 | 20.5 | 31.5 | 27.5 |                      |      | 216  |      | 8.8    | 90                   | 37                             | PHE426KF6560JR06L2 |
| 0.68                   | 10.5                 | 20.5 | 31.5 | 27.5 |                      |      | 216  |      | 8.8    | 90                   | 37                             | PHE426KF6680JR06L2 |
| 0.82                   | 10.5                 | 20.5 | 31.5 | 27.5 |                      |      | 216  |      | 8.8    | 90                   | 37                             | PHE426KF6820JR06L2 |
| 1.0                    | 10.5                 | 20.5 | 31.5 | 27.5 |                      |      | 216  |      | 8.8    | 90                   | 34                             | PHE426KF7100JR06L2 |
| 1.2                    | 10.5                 | 20.5 | 31.5 | 27.5 |                      |      | 216  |      | 8.8    | 90                   | 34                             | PHE426KF7120JR06L2 |
| 1.5                    | 11.5                 | 22.5 | 31.5 | 27.5 |                      |      | 198  |      | 10.6   | 90                   | 32                             | PHE426KF7150JR06L2 |
| 1.8                    | 13.5                 | 23.0 | 31.5 | 27.5 |                      |      | 171  |      | 11.9   | 90                   | 28                             | PHE426KF7180JR06L2 |
| 2.2                    | 14.5                 | 24.5 | 31.5 | 27.5 |                      |      | 153  |      | 14.5   | 90                   | 28                             | PHE426KF7220JR06L2 |
| 2.7                    | 17.5                 | 28.0 | 31.5 | 27.5 |                      |      | 126  |      | 19.7   | 90                   | 26                             | PHE426KF7270JR06L2 |
| 3.3                    | 19.0                 | 29.0 | 31.5 | 27.5 |                      |      | 117  |      | 22.1   | 90                   | 26                             | PHE426KF7330JR06L2 |
| LEAD SPACING 37.5 MM   |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 1.5                    | 13.0                 | 24.0 | 41.0 | 37.5 |                      |      | 140  |      | 16.6   | 60                   | 27                             | PHE426KR7150JR06L2 |
| 1.8                    | 13.0                 | 24.0 | 41.0 | 37.5 |                      |      | 140  |      | 16.6   | 60                   | 27                             | PHE426KR7180JR06L2 |
| 2.2                    | 13.0                 | 24.0 | 41.0 | 37.5 |                      |      | 140  |      | 16.6   | 60                   | 27                             | PHE426KR7220JR06L2 |
| 2.7                    | 15.0                 | 26.0 | 41.0 | 37.5 |                      |      | 119  |      | 20.8   | 60                   | 25                             | PHE426KR7270JR06L2 |
| 3.3                    | 16.5                 | 32.0 | 41.0 | 37.5 |                      |      | 105  |      | 28.1   | 60                   | 21                             | PHE426KR7330JR06L2 |
| 3.9                    | 16.5                 | 32.0 | 41.0 | 37.5 |                      |      | 105  |      | 28.1   | 60                   | 21                             | PHE426KR7390JR06L2 |
| 4.7                    | 19.0                 | 36.0 | 41.0 | 37.5 |                      |      | 91   |      | 36.5   | 60                   | 19                             | PHE426KR7470JR06L2 |
| 5.6                    | 19.0                 | 36.0 | 41.0 | 37.5 |                      |      | 91   |      | 36.5   | 60                   | 19                             | PHE426KR7560JR06L2 |
| 6.8                    | 21.0                 | 38.0 | 41.0 | 37.5 |                      |      | 84   |      | 42.5   | 60                   | 17                             | PHE426KR7680JR06L2 |
| 630 VDC/250 VAC        |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| LEAD SPACING 5 MM      |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.0010                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426MJ4100JR05   |
| 0.0012                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426MJ4120JR05   |
| 0.0015                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426MJ4150JR05   |
| 0.0018                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426MJ4180JR05   |
| 0.0022                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426MJ4220JR05   |
| 0.0027                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426MJ4270JR05   |
| 0.0033                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426MJ4330JR05   |
| 0.0039                 | 2.5                  | 6.5  | 7.2  | 5.0  | 2000                 |      | 2500 | 3000 | 0.2    | 30                   | 230                            | PHE426MJ4390JR05   |
| 0.0047                 | 3.5                  | 8.0  | 7.2  | 5.0  | 2000                 |      | 2000 | 2000 | 0.3    | 30                   | 230                            | PHE426MJ4470JR05   |
| 0.0056                 | 3.5                  | 8.0  | 7.2  | 5.0  | 2000                 |      | 2000 | 2000 | 0.3    | 30                   | 230                            | PHE426MJ4560JR05   |
| 0.0068                 | 4.5                  | 9.0  | 7.2  | 5.0  | 1000                 |      | 1500 | 1700 | 0.4    | 30                   | 230                            | PHE426MJ4680JR05   |
| 0.0082                 | 4.5                  | 9.0  | 7.2  | 5.0  | 1000                 |      | 1500 | 1700 | 0.4    | 30                   | 230                            | PHE426MJ4820JR05   |
| 0.010                  | 4.5                  | 9.0  | 7.2  | 5.0  | 1000                 |      | 1500 | 1700 | 0.4    | 30                   | 230                            | PHE426MJ5100JR05   |
| 0.012                  | 5.0                  | 10.0 | 7.2  | 5.0  | 1000                 |      | 1300 | 1500 | 0.5    | 30                   | 230                            | PHE426MJ5120JR05   |
| 0.015                  | 6.0                  | 11.0 | 7.2  | 5.0  | 1000                 |      | 1000 | 1200 | 0.6    | 30                   | 230                            | PHE426MJ5150JR05   |
| 0.018                  | 6.0                  | 11.0 | 7.2  | 5.0  | 1000                 |      | 1000 | 1200 | 0.6    | 30                   | 230                            | PHE426MJ5180JR05   |
| 0.022                  | 7.2                  | 13.0 | 7.2  | 5.0  | 1000                 |      | 800  |      | 0.9    | 30                   | 230                            | PHE426MJ5220JR05   |
| 0.027                  | 7.2                  | 13.0 | 7.2  | 5.0  | 1000                 |      | 800  |      | 0.9    | 30                   | 230                            | PHE426MJ5270JR05   |
| 0.033                  | 7.2                  | 13.0 | 7.2  | 5.0  | 1000                 |      | 800  |      | 0.9    | 30                   | 230                            | PHE426MJ5330JR05   |
| 0.039                  | 7.2                  | 13.0 | 7.2  | 5.0  | 1000                 |      | 800  |      | 0.9    | 30                   | 230                            | PHE426MJ5390JR05   |
| 0.047                  | 7.2                  | 13.0 | 7.2  | 5.0  | 1000                 |      | 800  |      | 0.9    | 30                   | 230                            | PHE426MJ5470JR05   |
| LEAD SPACING 7.5 MM    |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.0010                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426MK4100JR05   |
| 0.0012                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426MK4120JR05   |
| 0.0015                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426MK4150JR05   |
| 0.0018                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426MK4180JR05   |
| 0.0022                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426MK4220JR05   |
| 0.0027                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426MK4270JR05   |
| 0.0033                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426MK4330JR05   |
| 0.0039                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426MK4390JR05   |
| 0.0047                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426MK4470JR05   |
| 0.0056                 | 4.0                  | 8.0  | 10.0 | 7.5  | 1000                 |      | 1700 | 1900 | 0.5    | 200                  | 160                            | PHE426MK4560JR05   |
| 0.0068                 | 5.0                  | 11.0 | 10.0 | 7.5  | 1000                 |      | 1300 | 1500 | 0.8    | 200                  | 160                            | PHE426MK4680JR05   |

## ARTICLE TABLE

| Capaci-<br>tance<br>μF | Max dimensions in mm |      |      |      | Quantity per package |      |      |      | Weight | Max<br>dU/dt<br>V/μs | Rthha °C/W<br>85 °C<br>0.2 m/s | Article code       |
|------------------------|----------------------|------|------|------|----------------------|------|------|------|--------|----------------------|--------------------------------|--------------------|
|                        | B                    | H    | L    | p    | Bulk                 | Tray | Reel | Ammo | g      |                      |                                |                    |
| 630 VDC/250 VAC        |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| LEAD SPACING 7.5 MM    |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.0082                 | 5.0                  | 11.0 | 10.0 | 7.5  | 1000                 |      | 1300 | 1500 | 0.8    | 200                  | 160                            | PHE426MK4820JR05   |
| 0.010                  | 5.0                  | 11.0 | 10.0 | 7.5  | 1000                 |      | 1300 | 1500 | 0.8    | 200                  | 160                            | PHE426MK5100JR05   |
| 0.012                  | 5.0                  | 11.0 | 10.0 | 7.5  | 1000                 |      | 1300 | 1500 | 0.8    | 200                  | 160                            | PHE426MK5120JR05   |
| 0.015                  | 6.0                  | 12.0 | 10.5 | 7.5  | 1000                 |      | 1000 | 1200 | 1.0    | 200                  | 160                            | PHE426MK5150JR05   |
| 0.018                  | 6.0                  | 12.0 | 10.5 | 7.5  | 1000                 |      | 1000 | 1200 | 1.0    | 200                  | 160                            | PHE426MK5180JR05   |
| 0.022                  | 6.0                  | 12.0 | 10.5 | 7.5  | 1000                 |      | 1000 | 1200 | 1.0    | 200                  | 160                            | PHE426MK5220JR05   |
| 0.027                  | 6.0                  | 12.0 | 10.5 | 7.5  | 1000                 |      | 1000 | 1200 | 1.0    | 200                  | 160                            | PHE426MK5270JR05   |
| 0.033                  | 6.0                  | 12.0 | 10.5 | 7.5  | 1000                 |      | 1000 | 1200 | 1.0    | 200                  | 160                            | PHE426MK5330JR05   |
| LEAD SPACING 10 MM     |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.010                  | 4.0                  | 9.0  | 13.0 | 10.0 | 1000                 |      | 900  |      | 0.6    | 400                  | 135                            | PHE426MA5100JR05   |
| 0.012                  | 4.0                  | 9.0  | 13.0 | 10.0 | 1000                 |      | 900  |      | 0.6    | 400                  | 135                            | PHE426MA5120JR05   |
| 0.015                  | 4.0                  | 9.0  | 13.0 | 10.0 | 1000                 |      | 900  |      | 0.6    | 400                  | 135                            | PHE426MA5150JR05   |
| 0.018                  | 4.0                  | 9.0  | 13.0 | 10.0 | 1000                 |      | 900  |      | 0.6    | 400                  | 135                            | PHE426MA5180JR05   |
| 0.022                  | 4.5                  | 10.5 | 13.0 | 10.0 | 1000                 |      | 800  |      | 0.9    | 400                  | 120                            | PHE426MA5220JR05   |
| 0.027                  | 4.5                  | 10.5 | 13.0 | 10.0 | 1000                 |      | 800  |      | 0.9    | 400                  | 120                            | PHE426MA5270JR05   |
| 0.033                  | 5.0                  | 11.0 | 13.0 | 10.0 | 800                  |      | 700  |      | 1.0    | 400                  | 113                            | PHE426MA5330JR05   |
| 0.039                  | 6.0                  | 12.0 | 13.0 | 10.0 | 600                  |      | 500  |      | 1.3    | 400                  | 105                            | PHE426MA5390JR05   |
| 0.047                  | 6.0                  | 12.0 | 13.0 | 10.0 | 600                  |      | 500  |      | 1.3    | 400                  | 105                            | PHE426MA5470JR05   |
| LEAD SPACING 15 MM     |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.033                  | 5.5                  | 10.5 | 18.0 | 15.0 | 1000                 |      | 600  |      | 1.5    | 300                  | 99                             | PHE426MB5330JR06   |
| 0.039                  | 5.5                  | 10.5 | 18.0 | 15.0 | 1000                 |      | 600  |      | 1.5    | 300                  | 99                             | PHE426MB5390JR06   |
| 0.047                  | 5.5                  | 10.5 | 18.0 | 15.0 | 1000                 |      | 600  |      | 1.5    | 300                  | 99                             | PHE426MB5470JR06   |
| 0.056                  | 5.5                  | 12.5 | 18.0 | 15.0 | 1000                 |      | 600  |      | 1.7    | 300                  | 85                             | PHE426MB5560JR06   |
| 0.068                  | 6.0                  | 12.0 | 18.0 | 15.0 | 1000                 |      | 500  |      | 1.8    | 300                  | 83                             | PHE426MB5680JR06   |
| 0.082                  | 6.5                  | 12.5 | 18.0 | 15.0 | 1000                 |      | 500  |      | 2.0    | 300                  | 84                             | PHE426MB5820JR06   |
| 0.10                   | 7.5                  | 14.5 | 18.0 | 15.0 | 800                  |      | 400  |      | 2.7    | 300                  | 74                             | PHE426MB6100JR06   |
| 0.12                   | 7.5                  | 14.5 | 18.0 | 15.0 | 800                  |      | 400  |      | 2.7    | 300                  | 74                             | PHE426MB6120JR06   |
| 0.15                   | 8.5                  | 16.0 | 18.0 | 15.0 | 600                  |      | 400  |      | 3.4    | 300                  | 64                             | PHE426MB6150JR06   |
| 0.18                   | 9.5                  | 17.5 | 18.0 | 15.0 | 500                  |      | 350  |      | 4.2    | 300                  | 60                             | PHE426MB6180JR06   |
| 0.22                   | 9.5                  | 17.5 | 18.0 | 15.0 | 500                  |      | 350  |      | 4.2    | 300                  | 60                             | PHE426MB6220JR06   |
| LEAD SPACING 22.5 MM   |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.10                   | 6.5                  | 14.5 | 26.0 | 22.5 |                      | 234  |      |      | 3.2    | 200                  | 58                             | PHE426MD6100JR06L2 |
| 0.12                   | 6.5                  | 14.5 | 26.0 | 22.5 |                      | 234  |      |      | 3.2    | 200                  | 58                             | PHE426MD6120JR06L2 |
| 0.15                   | 6.5                  | 14.5 | 26.0 | 22.5 |                      | 234  |      |      | 3.2    | 200                  | 58                             | PHE426MD6150JR06L2 |
| 0.18                   | 7.0                  | 16.5 | 26.0 | 22.5 |                      | 216  |      |      | 3.9    | 200                  | 53                             | PHE426MD6180JR06L2 |
| 0.22                   | 8.0                  | 16.0 | 26.0 | 22.5 |                      | 186  |      |      | 4.3    | 200                  | 53                             | PHE426MD6220JR06L2 |
| 0.27                   | 9.0                  | 18.5 | 26.0 | 22.5 |                      | 168  |      |      | 5.6    | 200                  | 48                             | PHE426MD6270JR06L2 |
| 0.33                   | 9.0                  | 18.5 | 26.0 | 22.5 |                      | 168  |      |      | 5.6    | 200                  | 48                             | PHE426MD6330JR06L2 |
| 0.39                   | 10.5                 | 19.0 | 26.0 | 22.5 |                      | 264  |      |      | 6.7    | 200                  | 45                             | PHE426MD6390JR06L2 |
| 0.47                   | 11.0                 | 21.5 | 26.0 | 22.5 |                      | 253  |      |      | 8.0    | 200                  | 40                             | PHE426MD6470JR06L2 |
| 0.56                   | 13.5                 | 23.0 | 26.0 | 22.5 |                      | 209  |      |      | 8.2    | 200                  | 40                             | PHE426MD6560JR06L2 |
| 0.68                   | 15.5                 | 24.5 | 26.0 | 22.5 |                      | 176  |      |      | 10.0   | 200                  | 40                             | PHE426MD6680JR06L2 |
| 0.82                   | 15.5                 | 24.5 | 26.0 | 22.5 |                      | 176  |      |      | 10.0   | 200                  | 40                             | PHE426MD6820JR06L2 |
| LEAD SPACING 27.5 MM   |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.33                   | 10.5                 | 20.5 | 31.5 | 27.5 |                      | 216  |      |      | 8.8    | 140                  | 37                             | PHE426MF6330JR06L2 |
| 0.39                   | 10.5                 | 20.5 | 31.5 | 27.5 |                      | 216  |      |      | 8.8    | 140                  | 37                             | PHE426MF6390JR06L2 |
| 0.47                   | 10.5                 | 20.5 | 31.5 | 27.5 |                      | 216  |      |      | 8.8    | 140                  | 37                             | PHE426MF6470JR06L2 |
| 0.56                   | 11.5                 | 22.5 | 31.5 | 27.5 |                      | 198  |      |      | 10.6   | 140                  | 34                             | PHE426MF6560JR06L2 |
| 0.68                   | 11.5                 | 22.5 | 31.5 | 27.5 |                      | 198  |      |      | 10.6   | 140                  | 34                             | PHE426MF6680JR06L2 |
| 0.82                   | 13.5                 | 23.0 | 31.5 | 27.5 |                      | 171  |      |      | 12.7   | 140                  | 33                             | PHE426MF6820JR06L2 |
| 1.0                    | 14.5                 | 24.5 | 31.5 | 27.5 |                      | 153  |      |      | 14.5   | 140                  | 32                             | PHE426MF7100JR06L2 |
| 1.2                    | 17.5                 | 28.0 | 31.5 | 27.5 |                      | 126  |      |      | 19.7   | 140                  | 28                             | PHE426MF7120JR06L2 |
| 1.5                    | 19.0                 | 29.0 | 31.5 | 27.5 |                      | 117  |      |      | 22.1   | 140                  | 26                             | PHE426MF7150JR06L2 |
| 1.8                    | 21.0                 | 30.0 | 31.5 | 27.5 |                      | 108  |      |      | 25.3   | 140                  | 26                             | PHE426MF7180JR06L2 |

## ARTICLE TABLE

| Capacitance<br>μF    | Max dimensions in mm |      |      |      | Quantity per package |      |      |      | Weight | Max<br>dU/dt<br>V/μs | Rthha °C/W<br>85 °C<br>0.2 m/s | Article code       |
|----------------------|----------------------|------|------|------|----------------------|------|------|------|--------|----------------------|--------------------------------|--------------------|
|                      | B                    | H    | L    | p    | Bulk                 | Tray | Reel | Ammo | g      |                      |                                |                    |
| 630 VDC/250 VAC      |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| LEAD SPACING 37.5 MM |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.82                 | 13.0                 | 24.0 | 41.0 | 37.5 |                      |      | 140  |      | 16.6   | 80                   | 27                             | PHE426MR6820JR06L2 |
| 1.0                  | 13.0                 | 24.0 | 41.0 | 37.5 |                      |      | 140  |      | 16.6   | 80                   | 27                             | PHE426MR7100JR06L2 |
| 1.2                  | 15.0                 | 26.0 | 41.0 | 37.5 |                      |      | 119  |      | 20.8   | 80                   | 25                             | PHE426MR7120JR06L2 |
| 1.5                  | 15.0                 | 26.0 | 41.0 | 37.5 |                      |      | 119  |      | 20.8   | 80                   | 25                             | PHE426MR7150JR06L2 |
| 1.8                  | 16.5                 | 32.0 | 41.0 | 37.5 |                      |      | 105  |      | 28.1   | 80                   | 21                             | PHE426MR7180JR06L2 |
| 2.2                  | 16.5                 | 32.0 | 41.0 | 37.5 |                      |      | 105  |      | 28.1   | 80                   | 21                             | PHE426MR7220JR06L2 |
| 2.7                  | 19.0                 | 36.0 | 41.0 | 37.5 |                      |      | 91   |      | 36.5   | 80                   | 19                             | PHE426MR7270JR06L2 |
| 3.3                  | 19.0                 | 36.0 | 41.0 | 37.5 |                      |      | 91   |      | 36.5   | 80                   | 19                             | PHE426MR7330JR06L2 |
| 3.9                  | 21.0                 | 38.0 | 41.0 | 37.5 |                      |      | 84   |      | 42.5   | 80                   | 17                             | PHE426MR7390JR06L2 |
| 1000 VDC/250 VAC     |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| LEAD SPACING 10 MM   |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.0033               | 4.0                  | 9.0  | 13.0 | 10.0 | 1000                 |      |      | 900  | 0.6    | 600                  | 135                            | PHE426PA4330JR05   |
| 0.0047               | 4.0                  | 9.0  | 13.0 | 10.0 | 1000                 |      |      | 900  | 0.6    | 600                  | 135                            | PHE426PA4470JR05   |
| 0.0056               | 4.5                  | 10.5 | 13.0 | 10.0 | 1000                 |      |      | 800  | 0.9    | 600                  | 120                            | PHE426PA4560JR05   |
| 0.0068               | 4.5                  | 10.5 | 13.0 | 10.0 | 1000                 |      |      | 800  | 0.9    | 600                  | 120                            | PHE426PA4680JR05   |
| 0.0082               | 5.0                  | 11.0 | 13.0 | 10.0 | 800                  |      |      | 700  | 1.0    | 600                  | 113                            | PHE426PA4820JR05   |
| 0.010                | 5.0                  | 11.0 | 13.0 | 10.0 | 800                  |      |      | 700  | 1.0    | 600                  | 113                            | PHE426PA5100JR05   |
| 0.012                | 6.0                  | 12.0 | 13.0 | 10.0 | 600                  |      |      | 500  | 1.3    | 600                  | 105                            | PHE426PA5120JR05   |
| 0.015                | 6.0                  | 12.0 | 13.0 | 10.0 | 600                  |      |      | 500  | 1.3    | 600                  | 105                            | PHE426PA5150JR05   |
| LEAD SPACING 15 MM   |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.010                | 5.5                  | 10.5 | 18.0 | 15.0 | 1000                 |      |      | 600  | 1.5    | 450                  | 99                             | PHE426PB5100JR06   |
| 0.012                | 5.5                  | 10.5 | 18.0 | 15.0 | 1000                 |      |      | 600  | 1.5    | 450                  | 99                             | PHE426PB5120JR06   |
| 0.015                | 5.5                  | 10.5 | 18.0 | 15.0 | 1000                 |      |      | 600  | 1.5    | 450                  | 99                             | PHE426PB5150JR06   |
| 0.018                | 5.5                  | 12.5 | 18.0 | 15.0 | 1000                 |      |      | 600  | 1.7    | 450                  | 85                             | PHE426PB5180JR06   |
| 0.022                | 5.5                  | 12.5 | 18.0 | 15.0 | 1000                 |      |      | 600  | 1.7    | 450                  | 85                             | PHE426PB5220JR06   |
| 0.027                | 6.0                  | 12.0 | 18.0 | 15.0 | 1000                 |      |      | 500  | 1.8    | 450                  | 83                             | PHE426PB5270JR06   |
| 0.033                | 6.5                  | 12.5 | 18.0 | 15.0 | 1000                 |      |      | 500  | 2.0    | 450                  | 84                             | PHE426PB5330JR06   |
| 0.039                | 7.5                  | 14.5 | 18.0 | 15.0 | 800                  |      |      | 400  | 2.7    | 450                  | 74                             | PHE426PB5390JR06   |
| 0.047                | 7.5                  | 14.5 | 18.0 | 15.0 | 800                  |      |      | 400  | 2.7    | 450                  | 74                             | PHE426PB5470JR06   |
| 0.056                | 8.5                  | 16.0 | 18.0 | 15.0 | 600                  |      |      | 400  | 3.4    | 450                  | 64                             | PHE426PB5560JR06   |
| 0.068                | 9.5                  | 17.5 | 18.0 | 15.0 | 500                  |      |      | 350  | 4.2    | 450                  | 60                             | PHE426PB5680JR06   |
| 0.082                | 9.5                  | 17.5 | 18.0 | 15.0 | 500                  |      |      | 350  | 4.2    | 450                  | 60                             | PHE426PB5820JR06   |
| 0.10                 | 9.5                  | 17.5 | 18.0 | 15.0 | 500                  |      |      | 350  | 4.2    | 450                  | 60                             | PHE426PB6100JR06   |
| LEAD SPACING 22.5 MM |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.033                | 6.5                  | 14.5 | 26.0 | 22.5 |                      |      | 234  |      | 3.2    | 300                  | 58                             | PHE426PD5330JR06L2 |
| 0.039                | 6.5                  | 14.5 | 26.0 | 22.5 |                      |      | 234  |      | 3.2    | 300                  | 58                             | PHE426PD5390JR06L2 |
| 0.047                | 6.5                  | 14.5 | 26.0 | 22.5 |                      |      | 234  |      | 3.2    | 300                  | 58                             | PHE426PD5470JR06L2 |
| 0.056                | 7.0                  | 16.5 | 26.0 | 22.5 |                      |      | 216  |      | 3.9    | 300                  | 53                             | PHE426PD5560JR06L2 |
| 0.068                | 7.0                  | 16.5 | 26.0 | 22.5 |                      |      | 216  |      | 3.9    | 300                  | 53                             | PHE426PD5680JR06L2 |
| 0.082                | 8.0                  | 16.0 | 26.0 | 22.5 |                      |      | 186  |      | 4.3    | 300                  | 53                             | PHE426PD5820JR06L2 |
| 0.10                 | 9.0                  | 18.5 | 26.0 | 22.5 |                      |      | 168  |      | 5.6    | 300                  | 48                             | PHE426PD6100JR06L2 |
| 0.12                 | 9.0                  | 18.5 | 26.0 | 22.5 |                      |      | 168  |      | 5.6    | 300                  | 48                             | PHE426PD6120JR06L2 |
| 0.15                 | 10.5                 | 19.0 | 26.0 | 22.5 |                      |      | 264  |      | 6.7    | 300                  | 45                             | PHE426PD6150JR06L2 |
| 0.18                 | 11.0                 | 21.5 | 26.0 | 22.5 |                      |      | 253  |      | 8.0    | 300                  | 40                             | PHE426PD6180JR06L2 |
| 0.22                 | 11.0                 | 21.5 | 26.0 | 22.5 |                      |      | 253  |      | 8.0    | 300                  | 40                             | PHE426PD6220JR06L2 |
| 0.27                 | 15.5                 | 24.5 | 26.0 | 22.5 |                      |      | 176  |      | 10.0   | 300                  | 40                             | PHE426PD6270JR06L2 |
| LEAD SPACING 27.5 MM |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.10                 | 10.5                 | 20.5 | 31.5 | 27.5 |                      |      | 216  |      | 8.8    | 180                  | 37                             | PHE426PF6100JR06L2 |
| 0.12                 | 10.5                 | 20.5 | 31.5 | 27.5 |                      |      | 216  |      | 8.8    | 180                  | 37                             | PHE426PF6120JR06L2 |
| 0.15                 | 10.5                 | 20.5 | 31.5 | 27.5 |                      |      | 216  |      | 8.8    | 180                  | 37                             | PHE426PF6150JR06L2 |
| 0.18                 | 10.5                 | 20.5 | 31.5 | 27.5 |                      |      | 216  |      | 8.8    | 180                  | 37                             | PHE426PF6180JR06L2 |
| 0.22                 | 11.5                 | 22.5 | 31.5 | 27.5 |                      |      | 198  |      | 10.6   | 180                  | 34                             | PHE426PF6220JR06L2 |

## ARTICLE TABLE

| Capacitance<br>μF    | Max dimensions in mm |      |      |      | Quantity per package |      |      |      | Weight | Max<br>dU/dt<br>V/μs | Rthha °C/W<br>85 °C<br>0.2 m/s | Article code       |
|----------------------|----------------------|------|------|------|----------------------|------|------|------|--------|----------------------|--------------------------------|--------------------|
|                      | B                    | H    | L    | p    | Bulk                 | Tray | Reel | Ammo | g      |                      |                                |                    |
| 1000 VDC/250 VAC     |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| LEAD SPACING 27.5 MM |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.27                 | 13.5                 | 23.0 | 31.5 | 27.5 | 171                  |      |      |      | 12.7   | 180                  | 33                             | PHE426PF6270JR06L2 |
| 0.33                 | 14.5                 | 24.5 | 31.5 | 27.5 | 153                  |      |      |      | 14.5   | 180                  | 32                             | PHE426PF6330JR06L2 |
| 0.39                 | 17.5                 | 28.0 | 31.5 | 27.5 | 126                  |      |      |      | 19.7   | 180                  | 28                             | PHE426PF6390JR06L2 |
| 0.47                 | 17.5                 | 28.0 | 31.5 | 27.5 | 126                  |      |      |      | 19.7   | 180                  | 28                             | PHE426PF6470JR06L2 |
| 0.56                 | 19.0                 | 29.0 | 31.5 | 27.5 | 117                  |      |      |      | 22.1   | 180                  | 26                             | PHE426PF6560JR06L2 |
| 0.68                 | 21.0                 | 30.0 | 31.5 | 27.5 | 108                  |      |      |      | 25.3   | 180                  | 26                             | PHE426PF6680JR06L2 |
| LEAD SPACING 37.5 MM |                      |      |      |      |                      |      |      |      |        |                      |                                |                    |
| 0.33                 | 13.0                 | 24.0 | 41.0 | 37.5 | 140                  |      |      |      | 16.6   | 100                  | 27                             | PHE426PR6330JR06L2 |
| 0.39                 | 13.0                 | 24.0 | 41.0 | 37.5 | 140                  |      |      |      | 16.6   | 100                  | 27                             | PHE426PR6390JR06L2 |
| 0.47                 | 15.0                 | 26.0 | 41.0 | 37.5 | 119                  |      |      |      | 20.8   | 100                  | 25                             | PHE426PR6470JR06L2 |
| 0.56                 | 15.0                 | 26.0 | 41.0 | 37.5 | 119                  |      |      |      | 20.8   | 100                  | 25                             | PHE426PR6560JR06L2 |
| 0.68                 | 16.5                 | 32.0 | 41.0 | 37.5 | 105                  |      |      |      | 28.1   | 100                  | 21                             | PHE426PR6680JR06L2 |
| 0.82                 | 16.5                 | 32.0 | 41.0 | 37.5 | 105                  |      |      |      | 28.1   | 100                  | 21                             | PHE426PR6820JR06L2 |
| 1.0                  | 19.0                 | 36.0 | 41.0 | 37.5 | 91                   |      |      |      | 36.5   | 100                  | 19                             | PHE426PR7100JR06L2 |
| 1.2                  | 19.0                 | 36.0 | 41.0 | 37.5 | 91                   |      |      |      | 36.5   | 100                  | 19                             | PHE426PR7120JR06L2 |
| 1.5                  | 21.0                 | 38.0 | 41.0 | 37.5 | 84                   |      |      |      | 42.5   | 100                  | 17                             | PHE426PR7150JR06L2 |