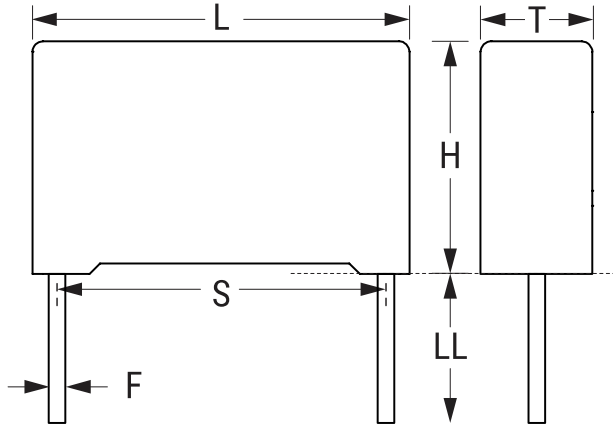


## PHE844RD6470MR06L2

Aliases (F844DY474M440C, PHE844RD6470MD19R06L2)  
PHE844/F844, Film, Metallized Polypropylene, Safety, 0.47 uF, 20%,  
1,000 VDC, 440 VAC (X1) (ENEC), 480 VAC (UL, cUL), 105°C, 22.5 mm



Click [here](#) for the 3D model.

### General Information

|                          |                          |
|--------------------------|--------------------------|
| Series                   | PHE844/F844              |
| Dielectric               | Metallized Polypropylene |
| Style                    | Radial                   |
| Features                 | EMI Safety               |
| RoHS                     | Yes                      |
| Termination              | Tinned Wire              |
| Lead                     | Wire Leads               |
| Safety Class             | X1                       |
| Qualifications           | ENEC, UL, cUL            |
| AEC-Q200                 | No                       |
| THB Performance          | Yes                      |
| Typical Component Weight | 10.21 g                  |
| Miscellaneous            | ClimCat: 40/105/56/B.    |

### Dimensions

|    |                 |
|----|-----------------|
| L  | 26mm MAX        |
| H  | 24.5mm MAX      |
| T  | 15.5mm MAX      |
| S  | 22.5mm +/-0.4mm |
| LL | 6mm -1mm        |
| F  | 0.8mm +/-0.05mm |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 176  |

### Specifications

|                       |                                        |
|-----------------------|----------------------------------------|
| Capacitance           | 0.47 uF                                |
| Tolerance             | 20%                                    |
| Voltage DC            | 1000 VDC                               |
| Voltage AC            | 440 VAC (X1) (ENEC), 480 VAC (UL, cUL) |
| Temperature Range     | -40/+105°C                             |
| Rated Temperature     | 105°C                                  |
| Dissipation Factor    | 0.1% 1kHz, 0.4% 10kHz                  |
| Insulation Resistance | 21.2766 GOhms                          |
| Max dV/dt             | 100 V/us                               |

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