

KEMET Part Number: PHE450KF6470JR06L2
(F450FE474J400Z)

Capacitor, Film, Double Metallized Polypropylene, 0.47 uF, +/-5% Tol, -55/+105C, General Purpose, 400 VDC@85C, Lead Spacing=27.5 mm



| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 31.5 | MAX |
| H | 20.5 | MAX |
| T | 10.5 | MAX |
| S | 27.5 | +/-0.4 |
| LL | 18.5 | +0.5 |
| G | 0.5 | NOM |
| F | 0.8 | +/-0.05 |

| Packaging Specifications | |
|--------------------------|-------|
| Package Kind: | Pizza |
| Package Quantity: | 216 |

| General Information | |
|---------------------|---------------------------------|
| Supplier: | KEMET |
| Dielectric: | Double Metallized Polypropylene |
| Application: | General Purpose |
| Sub Application: | DC or AC applications |
| Style: | Radial Box |
| Lead Form: | Wire Leads |
| Features: | Pulse |
| RoHS: | Yes |

| Specifications | |
|------------------------------|---|
| Capacitance: | 0.47 uF |
| Voltage: | 400 VDC |
| Tolerance: | +/-5% |
| Voltage AC: | 250 VAC |
| Voltage: | 296 VDC (105C) |
| Rated Temperature: | 85C |
| Temperature Range: | -55/+105C |
| Dissipation Factor @ 1 kHz: | 0.03% |
| Dissipation Factor @ 10 kHz: | 0.06% |
| Insulation Resistance: | 63.83 GOhm |
| Inductance: | 6 |
| Maximum dVdT: | 500 v/us |
| Miscellaneous: | The Rated Voltage Decreases 1.3%/C Between +85C And +105C |
| Miscellaneous: | Rthha= 38 C/W (85C), 0.2 m/s |