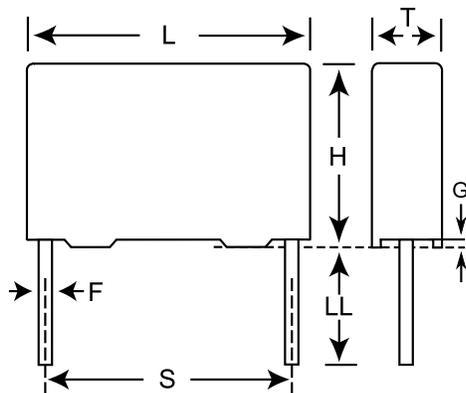


KEMET Part Number: PHE450KB5470JR17
(F450BD473J400A)

Capacitor, Film, Double Metallized Polypropylene, 0.047 uF, +/-5% Tol, -55/+105C, General Purpose, 400 VDC@85C, Lead Spacing=15 mm



| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 18 | MAX |
| H | 10.5 | MAX |
| T | 5.5 | MAX |
| S | 15 | +/-0.4 |
| LL | 17 | -1 |
| G | 0.5 | NOM |
| F | 0.8 | +/-0.05 |

| Packaging Specifications | |
|--------------------------|------|
| Package Kind: | Bulk |
| Package Quantity: | 800 |

| 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: | 0.047 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: | 0.04% |
| Dissipation Factor @ 100kHz: | 0.15% |
| Insulation Resistance: | 638.3 GOhm |
| Inductance: | 6 |
| Maximum dVdT: | 1000 v/us |
| Miscellaneous: | The Rated Voltage Decreases 1.3%/C Between +85C And +105C |
| Miscellaneous: | Rthha= 100 C/W (85C), 0.2 m/s |