

KEMET Part Number: R76PD1470SE40J
(76PD1470SE40J)

Capacitor, Film, Double Metallized Polypropylene, 4700 pF, +/-5% Tol, -55/+105C, General Purpose, 630 VDC@85C, Lead Spacing=7.5 mm



| General Information | |
|---------------------|---------------------------------|
| Supplier: | KEMET |
| Dielectric: | Double Metallized Polypropylene |
| Application: | General Purpose |
| Sub Application: | AEC-Q200 |
| Style: | Radial Box |
| Lead Form: | cut |
| Features: | Pulse |
| Approvals: | AEC-Q200 |
| RoHS: | Yes |

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 10 | +0.2 |
| H | 9 | +0.1 |
| T | 4 | +0.1 |
| S | 7.5 | +/-0.4 |
| LL | 4 | +1.5 |
| F | 0.6 | +/-0.05 |

| Specifications | |
|------------------------------|------------------------------------------------------------------|
| Capacitance: | 4700 pF |
| Voltage: | 630 VDC |
| Tolerance: | +/-5% |
| Voltage AC: | 250 VAC |
| Rated Temperature: | 85C |
| Temperature Range: | -55/+105C |
| Dissipation Factor @ 1 kHz: | 0.1% |
| Dissipation Factor @ 10 kHz: | 0.06% |
| Dissipation Factor @ 100kHz: | 0.1% |
| Insulation Resistance: | 100 GOhm |
| Inductance: | 8 |
| Maximum dVdT: | 2800 v/us |
| Miscellaneous: | Voltage Derating: 1.35%/C Above 75C (AC), 1.25%/C Above 85C (DC) |

| Packaging Specifications | |
|--------------------------|------|
| Package Kind: | Bulk |
| Package Quantity: | 2000 |