

Capacitor, Film, Metallized Polyester (Stacked), 0.047 uF, +/-10% Tol, -55/+105C, General Purpose, 100 VDC@85C, Lead Spacing=5 mm



| General Information | |
|---------------------|--------------------------------|
| Supplier: | KEMET |
| Dielectric: | Metallized Polyester (Stacked) |
| 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 | 7.2 | +0.2 |
| H | 6.5 | +0.1 |
| T | 2.5 | +0.1 |
| S | 5 | +/-0.4 |
| LL | 4 | +1.5 |
| F | 0.5 | +/-0.05 |

| Specifications | |
|------------------------------|---|
| Capacitance: | 0.047 uF |
| Voltage: | 100 VDC |
| Tolerance: | +/-10% |
| Voltage AC: | 63 VAC |
| Rated Temperature: | 85C |
| Temperature Range: | -55/+105C |
| Dissipation Factor @ 1 kHz: | 0.8% |
| Dissipation Factor @ 10 kHz: | 1.2% |
| Dissipation Factor @ 100kHz: | 2.5% |
| Insulation Resistance: | 15 GOhm |
| Inductance: | 7 |
| Maximum dVdT: | 200 v/us |
| Miscellaneous: | Above 85C DC And AC Voltage Derating Is 1.25%/C |

| Packaging Specifications | |
|--------------------------|------|
| Package Kind: | Bulk |
| Package Quantity: | 3000 |