

KEMET Part Number: R75PI2470JH30J
(75PI2470JH30J)

Capacitor, Film, Metallized Polypropylene, 0.047 uF, +/-5% Tol, -55/+105C, General Purpose, 630 VDC@85C, Lead Spacing=15 mm



| General Information | |
|---------------------|--------------------------|
| Supplier: | KEMET |
| Dielectric: | 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 | 18 | +0.3 |
| H | 11 | +0.1 |
| T | 5 | +0.2 |
| S | 15 | +/-0.4 |
| LL | 3.2 | +0.3/-0.2 |
| F | 0.8 | +/-0.05 |

| Specifications | |
|------------------------------|---|
| Capacitance: | 0.047 uF |
| Voltage: | 630 VDC |
| Tolerance: | +/-5% |
| Voltage AC: | 250 VAC |
| Rated Temperature: | 85C |
| Temperature Range: | -55/+105C |
| Dissipation Factor @ 1 kHz: | 0.04% |
| Dissipation Factor @ 10 kHz: | 0.06% |
| Dissipation Factor @ 100kHz: | 0.25% |
| Insulation Resistance: | 100 GOhm |
| Inductance: | 10 |
| Maximum dVdT: | 1000 v/us |
| Miscellaneous: | Above 85C DC And AC Voltage Derating Is 1.25%/C |

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