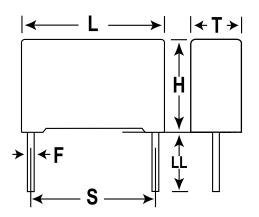
KEMET Part Number: R82IC2470Z350K



Capacitor, Film, Metallized Polyester (Stacked), 0.047 uF, +/-10% Tol, -55/+105C, General Purpose, 250 VDC@85C, Lead Spacing=5 mm



| Dimensions (mm) | | | |
|-----------------|-----------|-----------|--|
| Symbol | Dimension | Tolerance | |
| L | 7.2 | +0.3 | |
| Н | 9.5 | +0.1 | |
| т | 4.5 | +0.1 | |
| S | 5 | +/-0.4 | |
| LL | 17 | +1/-2 | |
| F | 0.5 | +/-0.05 | |

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

| General Information | | |
|---------------------|--------------------------------|--|
| Supplier: | KEMET | |
| Dielectric: | Metallized Polyester (Stacked) | |
| Application: | General Purpose | |
| Sub Application: | AEC-Q200 | |
| Style: | Radial Box | |
| Lead Form: | Wire Leads | |
| Features: | Pulse | |
| Approvals: | AEC-Q200 | |
| RoHS: | Yes | |

| Specifications | | |
|------------------------------|--|--|
| Capacitance: | 0.047 uF | |
| Voltage: | 250 VDC | |
| Tolerance: | +/-10% | |
| Voltage AC: | 160 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: | 30 GOhm | |
| Inductance: | 7 | |
| Maximum dVdT: | 250 v/us | |
| Miscellaneous: | Above 85C DC And AC Voltage Derating Is 1.25%/C | |

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