

R747I1270JM00J

Aliases (747I1270JM00J)

Not for New Design R74, Film, Metallized Polypropylene, Automotive Grade, 2700 pF, 5%, 2000 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions | |
|------------|------------------|
| L | 18mm +0.3/-0.5mm |
| н | 11mm +0.1/-0.5mm |
| Т | 5mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 18mm +/-1mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging | Bulk, Bag | |
| Packaging Quantity | 1000 | |

| General Information | |
|---------------------|--|
| Series | R74 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 1.613 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| Notes | Series Replaced by R75. |

| Specifications | |
|-----------------------|---------------------------------------|
| Capacitance | 2700 pF |
| Capacitance Tolerance | 5% |
| Voltage AC | 700 VAC |
| Voltage DC | 2000 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 9500 V/us |
| Resistance | 235.8 mOhms (100kHz) |
| Ripple Current | 1.2 Amps (100kHz 85C), 26 Amps (Peak) |
| Inductance | 10 nH |

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