

R74NF1270AA00K

Aliases (74NF1270AA00K)

Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 2700 pF, 10%, 1300 VDC, 85°C, Lead Spacing = 10mm



Click here for the 3D model.

| Dimensions | |
|------------|------------------|
| L | 13mm +0.2/-0.5mm |
| Н | 9mm +0.1/-0.5mm |
| Т | 4mm +0.2/-0.5mm |
| S | 10mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.6mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 2000 |

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

| Specifications | | |
|-----------------------|---------------------------------------|--|
| Capacitance | 2700 pF | |
| Capacitance Tolerance | 10% | |
| Voltage AC | 400 VAC | |
| Voltage DC | 1300 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 | 2200 V/us | |
| Resistance | 235.8 mOhms (100kHz) | |
| Ripple Current | 0.7 Amps (100kHz 85C), 6 Amps (Peak) | |
| Inductance | 9 nH | |

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