

R749N1270CK00J

Aliases (749N1270CK00J)

Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 2,700 pF, 5%, 2,200 VDC, 85°C, 22.5 mm



Click [here](#) for the 3D model.

General Information

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

Specifications

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|-----------------------|---------------------------------------|
| Capacitance | 2,700 pF |
| Tolerance | 5% |
| Voltage DC | 2200 VDC |
| Voltage AC | 900 VAC |
| 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 | 2,500 V/us |
| ESR | 235.8 mOhms (100kHz) |
| Ripple Current | 1.4 Amps (100kHz 85C), 7 Amps (Peak) |
| Inductance | 18 nH |

Dimensions

| | |
|----|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| H | 15mm +0.1/-0.5mm |
| T | 6mm +0.2/-0.5mm |
| S | 22.5mm +0.6/-0.1mm |
| H0 | 18.5mm +/-0.5mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

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|--------------------|------------|
| Packaging | T&R, Large |
| Packaging Quantity | 700 |

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