



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

| Dimensions | |
|----------------|------------------|
| L | 13mm +0.2/-0.5mm |
| H | 9mm +0.1/-0.5mm |
| T | 4mm +0.2/-0.5mm |
| S | 10mm +0.6/-0.1mm |
| H ₀ | 18.5mm +/-0.5mm |
| F | 0.6mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging | T&R, Large |
| Packaging Quantity | 1500 |

| 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 | |
|-----------------------|---------------------------------------|
| Capacitance | 1,000 pF |
| Tolerance | 5% |
| Voltage DC | 1600 VDC |
| Voltage AC | 500 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.01% 1kHz, 0.02% 10kHz, 0.03% 100kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 6,000 V/us |
| ESR | 636.6 mOhms (100kHz) |
| Ripple Current | 0.3 Amps (100kHz 85C), 6 Amps (Peak) |
| Inductance | 9 nH |

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