

R74NN3120AA00J

Aliases (74NN3120AA00J)

Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 0.12 uF, 5%, 1300 VDC, 85°C, 22.5mm



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

| Dimensions | |
|------------|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| H | 20mm +0.1/-0.5mm |
| T | 11mm +0.2/-0.5mm |
| S | 22.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 360 |

| General Information | |
|--------------------------|--|
| Series | R74 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Termination | Cut (Tinned Wire) |
| Lead | Cut |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 6.96 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| Notes | Series Replaced by R75. |

| Specifications | |
|-----------------------|---------------------------------------|
| Capacitance | 0.12 uF |
| Capacitance Tolerance | 5% |
| Voltage DC | 1300 VDC |
| Voltage AC | 400 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 800 V/us |
| ESR | 10.6 mOhms (100kHz) |
| Ripple Current | 7.5 Amps (100kHz 85C), 96 Amps (Peak) |
| Inductance | 18 nH |