

R74NF1820JH00J

Aliases (74NF1820JH00J)

Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 8200 pF, 5%, 1300 VDC, 85°C, Lead Spacing = 10mm



Click here for the 3D model.

| Dimensions | |
|------------|-------------------|
| L | 13mm +0.2/-0.5mm |
| Н | 12mm +0.1/-0.5mm |
| Т | 6mm +0.2/-0.5mm |
| S | 10mm +/-0.4mm |
| LL | 3.2mm +0.3/-0.2mm |
| F | 0.6mm +/-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 | Cut |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 1.3 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| Notes | Series Replaced by R75. |

| Specifications | |
|-----------------------|---------------------------------------|
| Capacitance | 8200 pF |
| Capacitance Tolerance | 5% |
| 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 | 77.6 mOhms (100kHz) |
| Ripple Current | 2 Amps (100kHz 85C), 18 Amps (Peak) |
| Inductance | 9 nH |

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