

R75PF1220DQ01M

Aliases (75PF1220DQ01M)

R75, Film, Metallized Polypropylene, Automotive Grade, 2,200 pF, 20%, 630 VDC, 85°C, 10 mm



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

General Information

| | |
|--------------------------|--|
| Series | R75 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 0.764 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

Specifications

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|-----------------------|---------------------------------------|
| Capacitance | 2,200 pF |
| Tolerance | 20% |
| Voltage DC | 630 VDC |
| Voltage AC | 250 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 2,000 V/us |
| ESR | 361.7 mOhms (100kHz) |
| Ripple Current | 0.35 Amps (100kHz 85C), 4 Amps (Peak) |
| Inductance | 9 nH |

Dimensions

| | |
|----|------------------|
| L | 13mm +0.2/-0.5mm |
| H | 9mm +0.1/-0.5mm |
| T | 4mm +0.2/-0.5mm |
| S | 10mm +/-0.4mm |
| H0 | 18.5mm +/-0.5mm |
| F | 0.6mm +/-0.05mm |

Packaging Specifications

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|--------------------|-------------------------|
| Packaging | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 1000 |

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