

R75PN3560DQ30J

Aliases (75PN3560DQ30J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.56 uF, 5%, 630 VDC, 85°C, 22.5 mm



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

General Information

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

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 |
| H0 | 18.5mm +/-0.5mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

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|--------------------|-------------------------|
| Packaging | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 217 |

Specifications

| | |
|-----------------------|--|
| Capacitance | 0.56 uF |
| Tolerance | 5% |
| Voltage DC | 630 VDC |
| Voltage AC | 250 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 53.5714 GOhms |
| Max dV/dt | 400 V/us |
| ESR | 11.4 mOhms (100kHz) |
| Ripple Current | 7.2 Amps (100kHz 85C), 224 Amps (Peak) |
| Inductance | 16 nH |

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