

R75QD0680DQ30J

Aliases (75QD0680DQ30J)

R75, Film, Metallized Polypropylene, Automotive Grade, 680 pF, 5%, 1,000 VDC, 85°C, 7.5 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 |
| AEC-Q200 | Yes |
| Typical Component Weight | 0.482 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

Specifications

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|-----------------------|---------------------------------------|
| Capacitance | 680 pF |
| Tolerance | 5% |
| Voltage DC | 1000 VDC |
| Voltage AC | 400 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 | 4,000 V/us |
| ESR | 1170.3 mOhms (100kHz) |
| Ripple Current | 0.17 Amps (100kHz 85C), 3 Amps (Peak) |
| Inductance | 8 nH |

Dimensions

| | |
|----|------------------|
| L | 10mm +0.2/-0.5mm |
| H | 8mm +0.1/-0.5mm |
| T | 3mm +0.1/-0.5mm |
| S | 7.5mm +/-0.4mm |
| H0 | 18.5mm +/-0.5mm |
| F | 0.5mm +/-0.05mm |

Packaging Specifications

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|--------------------|-------------------------|
| Packaging | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 2800 |

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