

R75PN3680JM30K

Aliases (75PN3680JM30K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.68 uF, 10%, 630 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions | |
|------------|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| Н | 22mm +0.1/-0.5mm |
| т | 13mm +0.2/-0.5mm |
| S | 22.5mm +/-0.4mm |
| LL | 17mm +/-1mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging | Bulk, Bag | |
| Packaging Quantity | 150 | |

| General Information | |
|---------------------|--|
| Series | R75 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 8.97 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

| Specifications | | |
|---------------------------|---|--|
| Capacitance | 0.68 uF | |
| Capacitance Tolerance | 10% | |
| Voltage AC | 250 VAC | |
| Voltage DC | 630 VDC | |
| Temperature Range | -55/+105°C | |
| Rated Temperature | 85°C | |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz | |
| Insulation Resistance | 44.1176 GOhms | |
| Max dV/dt | 400 V/us | |
| Resistance | 9.4 mOhms (100kHz) | |
| Ripple Current | 8.25 Amps (100kHz 85C), 272 Amps (Peak) | |
| Inductance | 18 nH | |

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