

R75IN33305030J

Aliases (75IN33305030J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.33 uF, 5%, 250 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions | |
|------------|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| Н | 15mm +0.1/-0.5mm |
| Т | 6mm +0.2/-0.5mm |
| S | 22.5mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.4mm |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging | Bulk, Bag | |
| Packaging Quantity | 500 | |

| 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 | 2.9 g |
| Miscellaneous | Above 85C DC voltage derating is $2\%/C$ and AC voltage derating is $1.25\%/C$. |

| Specifications | |
|-----------------------|--|
| Capacitance | 0.33 uF |
| Capacitance Tolerance | 5% |
| Voltage AC | 160 VAC |
| Voltage DC | 250 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 130 V/us |
| Resistance | 9.646 mOhms (100kHz) |
| Ripple Current | 6.91 Amps (100kHz 85C), 43 Amps (Peak) |
| Inductance | 16 nH |

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