

R75MN4100AAH3J

Aliases (75MN4100AAH3J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 5%, 400 VDC, 105°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions | |
|------------|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| н | 20mm +0.1/-0.5mm |
| т | 11mm +0.2/-0.5mm |
| S | 22.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging | Bulk, Bag | |
| Packaging Quantity | 360 | |

| General Information | |
|---------------------|---|
| Series | R75H |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Lead | Cut |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 7 g |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 1.25%/C. |

| Specifications | , |
|---------------------------|--|
| Capacitance | 1uF |
| Capacitance Tolerance | 5% |
| Voltage AC | 220 VAC |
| Voltage DC | 400 VDC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 105°C |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 30 GOhms |
| Max dV/dt | 300 V/us |
| Resistance | 8 mOhms (100kHz) |
| Ripple Current | 8.6 Amps (100kHz 90C), 300 Amps (Peak) |
| Inductance | 16 nH |

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