

R75QN3100DQ00J

R75

Radial

Aliases (75QN3100DQ00J)

General Information

Series

Style

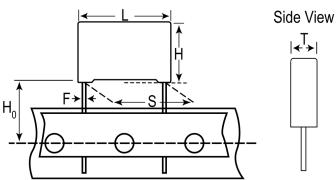
Dielectric

Features

R75, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 22.5mm

Metallized Polypropylene

Automotive Grade, Pulse



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|--------------|---------------|---------------------|--|
| | | RoHS | Yes |
| <u> </u> | | Lead | Wire Leads |
| <u> </u> | | Qualifications | AEC-Q200 |
| 7 \ | | AEC-Q200 | Yes |
| | | Component Weight | 3.5 g |
| | | Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| | | | |

Click here for the 3D model.

| Dimensions | |
|------------|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| Н | 16mm +0.1/-0.5mm |
| Т | 7mm +0.2/-0.5mm |
| S | 22.5mm +/-0.4mm |
| НО | 18.5mm +/-0.5mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-------------------------|
| Packaging | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 380 |

| Specifications | |
|-----------------------|--|
| Capacitance | 0.1 uF |
| Capacitance Tolerance | 5% |
| Voltage AC | 250 VAC |
| Voltage DC | 1000 VDC |
| 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 | 600 V/us |
| Resistance | 27.1 mOhms (100kHz) |
| Ripple Current | 4.24 Amps (100kHz 85C), 80 Amps (Peak) |
| Inductance | 18 nH |

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