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**General Information**

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	0.695 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

**Specifications**

Capacitance	1,200 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	663.1 mOhms (100kHz)
Ripple Current	0.3 Amps (100kHz 85C), 5 Amps (Peak)
Inductance	8 nH

**Dimensions**

L	10mm +0.2/-0.5mm
H	9mm +0.1/-0.5mm
T	4mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	17mm +1/-2mm
F	0.5mm +/-0.05mm

**Packaging Specifications**

Packaging	Bulk
Packaging Quantity	1500

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