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## General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	1.339 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

## Specifications

Capacitance	0.022 uF
Tolerance	5%
Voltage DC	1000 VDC
Voltage AC	300 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	2,000 V/us
ESR	50.6 mOhms (100kHz)
Ripple Current	2.56 Amps (100kHz 85C), 44 Amps (Peak)
Inductance	10 nH

## Dimensions

L	18mm +0.3/-0.5mm
H	11mm +0.1/-0.5mm
T	5mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	3.2mm +0.3/-0.2mm
F	0.8mm +/-0.05mm

## Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	2000

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