



Click [here](#) for the 3D model.

### Dimensions

L	18mm +0.3/-0.5mm
H	10mm +0.1/-0.5mm
T	4mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.4mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1500

### 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	1.2 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

### Specifications

Capacitance	3300 pF
Capacitance Tolerance	5%
Voltage AC	650 VAC
Voltage DC	1600 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	6000 V/us
Resistance	241.1 mOhms (100kHz)
Ripple Current	1.126 Amps (100kHz 85C), 20 Amps (Peak)
Inductance	10 nH