



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

### Dimensions

L	32mm +0.3/-0.7mm
H	17mm +0.1/-0.7mm
T	9mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	30mm +5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk
Packaging Quantity	408

### General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
AEC-Q200	Yes
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

### Specifications

Capacitance	0.082 uF
Capacitance Tolerance	5%
Voltage AC	600 VAC
Voltage DC	1250 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	100 GOhms
Max dV/dt	750 V/us
Resistance	13.59 mOhms (100kHz)
Ripple Current	6.49 Amps (100kHz 85C), 62 Amps (Peak)
Inductance	18 nH