



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

Dimensions

L	10mm +0.2/-0.5mm
H	8mm +0.1/-0.5mm
T	3mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	18mm +/-1mm
F	0.5mm +/-0.05mm

Packaging Specifications

Packaging Quantity	1750
--------------------	------

General Information

Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	0.34 g
Miscellaneous	Voltage Derating: 1.25%/C Above 85C (DC).

Specifications

Capacitance	220 pF
Capacitance Tolerance	10%
Voltage AC	400 VAC
Voltage DC	1000 VDC
Temperature Range	-55/+110°C
Rated Temperature	85°C
Dissipation Factor	0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	6000 V/us
Resistance	2894 mOhms (100kHz)
Ripple Current	0.055 Amps (100kHz 85C), 1 Amps (Peak)
Inductance	8 nH