



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

Dimensions

L	18mm +/-0.5mm
H	14.5mm +0.1/-0.5mm
T	8.5mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	30mm +5mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	500

General Information

Series	R74
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

Specifications

Capacitance	0.1 uF
Capacitance Tolerance	5%
Voltage AC	250 VAC
Voltage DC	630 VDC
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	250 V/us
Resistance	15.9 mOhms (100kHz)
Ripple Current	5.1 Amps (100kHz 85C), 25 Amps (Peak)
Inductance	10 nH