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General Information

Series	R74
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	1.043 g
Miscellaneous	Above 85°C DC And AC Voltage Derating Is 1.25%/°C.
Notes	Series Replaced by R75.

Specifications

Capacitance	2,200 pF
Tolerance	5%
Voltage DC	2000 VDC
Voltage AC	600 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.01% 1kHz, 0.02% 10kHz, 0.03% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	10,000 V/us
ESR	289.4 mOhms (100kHz)
Ripple Current	0.8 Amps (100kHz 85°C), 22 Amps (Peak)
Inductance	9 nH

Dimensions

L	13mm +0.2/-0.5mm
H	11mm +0.1/-0.5mm
T	5mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	3.2mm +0.3/-0.2mm
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1300

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