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**General Information**

Series	R82
Dielectric	Metallized Polyester Stacked
Style	Radial
Features	Automotive Grade, DC Multipurpose Applications
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
Typical Component Weight	0.53 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

**Dimensions**

L	7.2mm +0.3/-0.5mm
H	10mm +0.1/-0.5mm
T	5mm +0.1/-0.5mm
S	5mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.5mm +/-0.05mm

**Specifications**

Capacitance	1 uF
Tolerance	5%
Voltage DC	63 VDC
Voltage AC	40 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	5 GOhms
Max dV/dt	160 V/us
Inductance	7 nH

**Packaging Specifications**

Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	1700

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