

R82EC1100DQ50J

Aliases (82EC1100DQ50J)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 1000 pF, 5%, 100 VDC, 85°C, 5mm



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Dimensions

L	7.2mm +0.2mm
H	6.5mm +0.1mm
T	2.5mm +0.1mm
S	5mm +0.6/-0.1mm
H ₀	18.5mm +/-0.5mm
F	0.5mm +/-0.05mm

Packaging Specifications

Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	3500

General Information

Series	R82
Dielectric	Metallized Polyester Stacked
Style	Radial
Features	Automotive Grade, DC Multipurpose Applications
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	0.331 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications

Capacitance	1000 pF
Capacitance Tolerance	5%
Voltage DC	100 VDC
Voltage AC	63 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz
Insulation Resistance	15 GOhms
Max dV/dt	200 V/us
Inductance	7 nH

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