

R82MC1680Z350J

Aliases (82MC1680Z350J)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 6800 pF, 5%, 400 VDC, 85°C, 5mm



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

Dimensions

L	7.2mm +0.2mm
H	7.5mm +0.1mm
T	3.5mm +0.1mm
S	5mm +/-0.4mm
LL	17mm +1/-2mm
F	0.5mm +/-0.05mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	3000

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
AEC-Q200	Yes
Typical Component Weight	0.38 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications

Capacitance	6800 pF
Capacitance Tolerance	5%
Voltage DC	400 VDC
Voltage AC	200 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz
Insulation Resistance	30 GOhms
Max dV/dt	400 V/us
Inductance	7 nH