

R82MC1470DQ50M

Aliases (82MC1470DQ50M)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 4700 pF, 20%, 400 VDC, 85°C, Lead Spacing = 5mm



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

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
Component Weight	0.23 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance	4700 pF
Capacitance Tolerance	20%
Voltage AC	200 VAC
Voltage DC	400 VDC
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