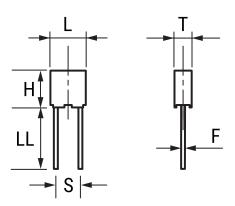
KEMET Part Number: R82MC1680AA50K



R82, Film, Metallized Polyester Stacked, Automotive Grade, 6800 pF, 10%, 400 VDC, 85°C, Lead Spacing = 5mm



Dimensions		
L	7.2mm +0.2mm	
Н	7.5mm +0.1mm	
Т	3.5mm +0.1mm	
S	5mm +/-0.4mm	
LL	4mm +1.5mm	
F	0.5mm +/-0.05mm	

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	2000	

General Information		
Series:	R82	
Dielectric:	Metallized Polyester Stacked	
Style:	Radial	
Features:	Automotive Grade, DC Multipurpose Applications	
RoHS:	Yes	
Lead:	Cut	
Qualifications:	AEC-Q200	
AEC-Q200:	Yes	
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C	

Specifications		
Capacitance:	6800 pF	
Capacitance Tolerance:	10%	
Voltage AC:	200 VAC	
Voltage DC:	400 VDC	
Temperature Range:	-55/+105°C	
Rated Temperature:	85°C	
Dissipation Factor:	0.80% 1kHz, 1.20% 10kHz, 2.50% 100kHz	
Insulation Resistance:	30 GOhms	
Max dV/dt:	400 V/us	
Inductance:	7 nH	

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