

R82, Film, Metallized Polyester, Automotive Grade, 4.7 uF, 5%, 50 VDC, 85C, Lead Spacing = 5mm



Dimensions	
L	7.2mm +0.3mm
H	13mm +0.1mm
T	7.2mm +0.1mm
S	5mm +/-0.4mm
LL	17mm +1/-2mm
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	750

General Information	
Supplier:	KEMET
Series:	R82
Dielectric:	Metallized Polyester
Style:	Radial
Features:	Automotive Grade, DC Multipurpose Applications
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: This Capacitor Uses Wound Technology Rather Than Stacked, Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance:	4.7 uF
Capacitance Tolerance:	5%
Voltage AC:	30 VAC
Voltage DC:	50 VDC
Temperature Range:	-55/+105C
Rated Temperature:	85C
Dissipation Factor:	0.80% 1kHz, 1.20% 10kHz
Insulation Resistance:	212.8 MOhms
Max dV/dt:	25 V/us
Inductance:	7 nH

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