

R82, Film, Metallized Polyester, Commercial Grade, 4.7 uF, 10%, 50 V, 85C, Lead Spacing = 5mm



Dimensions	
L	7.2mm +0.3mm
H	13mm +0.1mm
T	7.2mm +0.1mm
S	5mm +/-0.4mm
LL	4mm +1.5mm
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	1500

General Information	
Supplier:	KEMET
Series:	R82
Dielectric:	Metallized Polyester
Style:	Radial
Features:	Automotive Grade, DC Multipurpose Applications
RoHS:	Yes
Lead:	Cut
Approvals:	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:	10%
Voltage DC:	50 VDC
Voltage AC:	30 VAC
Temperature Range:	-55/+105C
Rated Temperature:	85C
Dissipation Factor:	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance:	212.8 MOhms
Max dVdt:	25 V
Inductance:	7 nH