

R82, Film, Metallized Polyester Stacked, Commercial Grade, 0.047 uF, 10%, 400 V, 85C, Lead Spacing = 5mm

**Dimensions**

L	7.2mm +0.3mm
H	11mm +0.1mm
T	6mm +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**

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

**Specifications**

Capacitance:	0.047 uF
Capacitance Tolerance:	10%
Voltage DC:	400 VDC
Voltage AC:	200 VAC
Temperature Range:	-55/+105C
Rated Temperature:	85C
Dissipation Factor:	0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz
Insulation Resistance:	30 GOhms
Max dVdt:	400 V
Inductance:	7 nH