

KEMET Part Number: R82IC2470DQ50K
(82IC2470DQ50K)

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R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.047 uF, 10%, 250 VDC, 85°C, Lead Spacing = 5mm



Dimensions

Dimension	Value
L	7.2mm +0.3mm
H	9.5mm +0.1mm
T	4.5mm +0.1mm
S	5mm +0.6/-0.1mm
H0	18.5mm +/-0.5mm
F	0.5mm +/-0.05mm

Packaging Specifications

Packaging:	Ammo, 360x340x59mm, Box
Packaging Quantity:	1900

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:	0.62 g
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications

Capacitance:	0.047 uF
Capacitance Tolerance:	10%
Voltage AC:	160 VAC
Voltage DC:	250 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:	250 V/us
Inductance:	7 nH

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