

KEMET Part Number: R76QN2470SE30J
(76QN2470SE30J)

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R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.047 μ F, 5%, 1000 VDC, 85°C, Lead Spacing = 22.5mm



Dimensions

Dimension	Value
L	26.5mm +0.3/-0.5mm
H	16mm +0.1/-0.5mm
T	7mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	700

General Information

Series:	R76
Dielectric:	Double Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Cut
Qualifications:	AEC-Q200
AEC-Q200:	Yes

Specifications

Capacitance:	0.047 μ F
Capacitance Tolerance:	5%
Voltage AC:	600 VAC
Voltage DC:	1000 VDC
Temperature Range:	-55/+110°C
Rated Temperature:	85°C
Dissipation Factor:	0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	2100 V/us
Resistance:	13.5 mOhms (100kHz)
Ripple Current:	6 Amps (100kHz 85C), 99 Amps (Peak)
Inductance:	16 nH

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