

KEMET Part Number: R76QD1100SE40J
(76QD1100SE40J)

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R76, Film, Double Metallized Polypropylene, Automotive Grade, 1000 pF, 5%, 1000 VDC, 85°C, Lead Spacing = 7.5mm



Dimensions

Dimension	Value
L	10mm +0.2/-0.5mm
H	9mm +0.1/-0.5mm
T	4mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	4mm +2mm
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	2000

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:	1000 pF
Capacitance Tolerance:	5%
Voltage AC:	400 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:	6000 V/us
Resistance:	636.6 mOhms (100kHz)
Ripple Current:	0.25 Amps (100kHz 85C), 6 Amps (Peak)
Inductance:	8 nH

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