

KEMET Part Number: R76QR3100SE40K
(76QR3100SE40K)

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R76, Film, Double Metallized Polypropylene, General Purpose, 0.1 uF, 10%, 1000 VDC, 85°C, Lead Spacing = 27.5mm



Dimensions

L	32mm +0.3/-0.7mm
H	17mm +0.1/-0.7mm
T	9mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging:	Tray
Packaging Quantity:	816

General Information

Series:	R76
Dielectric:	Double Metallized Polypropylene
Style:	Radial
Features:	Pulse
RoHS:	Yes
Lead:	Cut
AEC-Q200:	No
Component Weight:	5.88 g

Specifications

Capacitance:	0.1 uF
Capacitance Tolerance:	10%
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:	1000 V/us
Resistance:	11.14 mOhms (100kHz)
Ripple Current:	7.2 Amps (100kHz 85C), 100 Amps (Peak)
Inductance:	18 nH

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