

R76QD0680SE40J

Aliases (76QD0680SE40J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 680 pF, 5%, 1000 VDC, 85°C, Lead Spacing = 7.5mm



Click [here](#) for the 3D model.

Dimensions

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
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
Component Weight	0.588 g

Specifications

Capacitance	680 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	936.21 mOhms (100kHz)
Ripple Current	0.2 Amps (100kHz 85C), 4 Amps (Peak)
Inductance	8 nH