

R76ID1680SE30K

Aliases (76ID1680SE30K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 6,800 pF, 10%, 250 VDC, 85°C, 7.5 mm



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General Information

Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	0.34 g

Specifications

Capacitance	6,800 pF
Tolerance	10%
Voltage DC	250 VDC
Voltage AC	180 VAC
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	1,100 V/us
ESR	93.62 mOhms (100kHz)
Ripple Current	0.8 Amps (100kHz 85C), 7 Amps (Peak)
Inductance	8 nH

Dimensions

L	10mm +0.2/-0.5mm
H	8mm +0.1/-0.5mm
T	3mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	4mm +2mm
F	0.5mm +/-0.05mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	1500

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