

R76QD1270JE00K

Aliases (76QD1270JE00K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 2,700 pF, 10%, 1,000 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

Dimensions

L	10.5mm +0.2/-0.5mm
H	12mm +0.1/-0.5mm
T	6mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	4mm +0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	1000

Specifications

Capacitance	2,700 pF
Tolerance	10%
Voltage DC	1000 VDC
Voltage AC	400 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	6,000 V/us
ESR	235.79 mOhms (100kHz)
Ripple Current	0.7 Amps (100kHz 85°C), 16 Amps (Peak)
Inductance	8 nH

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