

R76QF1150DQ00J

Aliases (76QF1150DQ00J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 1,500 pF, 5%, 1,000 VDC, 85°C, 10 mm



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Dimensions	
L	13mm +0.2/-0.5mm
H	9mm +0.1/-0.5mm
T	4mm +0.2/-0.5mm
S	10mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	1000

General Information

Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
Typical Component Weight	0.7 g

Specifications	
Capacitance	1,500 pF
Tolerance	5%
Voltage DC	1000 VDC
Voltage AC	600 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	6,500 V/us
ESR	424.41 mOhms (100kHz)
Ripple Current	0.6 Amps (100kHz 85C), 10 Amps (Peak)
Inductance	9 nH

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