

## R76QF1270JE00K

## Aliases (76QF1270JE00K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 2700 pF, 10%, 1000 VDC, 85°C, Lead Spacing = 10mm



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Dimensions	Ê
L	13mm +0.2/-0.5mm
н	9mm +0.1/-0.5mm
т	4mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	4mm +0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
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	

Specifications	
Capacitance	2700 pF
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	6500 V/us
Resistance	235.79 mOhms (100kHz)
Ripple Current	1 Amps (100kHz 85C), 18 Amps (Peak)
Inductance	9 nH

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