

R75RF1680AA40J

Aliases (75RF1680AA40J)

R75, Film, Metallized Polypropylene, Automotive Grade, 6800 pF, 5%, 1250 VDC, 85°C, Lead Spacing = 10mm



Click here for the 3D model.

Dimensions	
L	13mm +0.2/-0.5mm
н	12mm +0.1/-0.5mm
Т	6mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	4mm +2mm
F	0.6mm +/-0.4mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	1000	

General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	1.23 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Specifications		
Capacitance	6800 pF	
Capacitance Tolerance	5%	
Voltage AC	450 VAC	
Voltage DC	1250 VDC	
Temperature Range	-55/+105°C	
Rated Temperature	85°C	
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz	
Insulation Resistance	100 GOhms	
Max dV/dt	6000 V/us	
Resistance	117 mOhms (100kHz)	
Ripple Current	1.636 Amps (100kHz 85C), 41 Amps (Peak)	
Inductance	9 nH	

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