

## R75QD1680JM30J

Aliases (75QD1680JM30J) Not for New Design

R75, Film, Metallized Polypropylene, Automotive Grade, 6800 pF, 5%, 1000 VDC, 85°C, Lead Spacing = 7.5mm



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Dimensions	
L	10.5mm +0.2/-0.5mm
н	12mm +0.1/-0.5mm
т	6mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	17mm +/-1mm
F	0.5mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk
Packaging Quantity	800

General Information		
Series	R75	
Dielectric	Metallized Polypropylene	
Style	Radial	
Features	Automotive Grade, Pulse	
RoHS	Yes	
Lead	Wire Leads	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.	

Specifications	
Capacitance	6800 pF
Capacitance Tolerance	5%
Voltage AC	400 VAC
Voltage DC	1000 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	4000 V/us
Ripple Current	1.57 Amps (100kHz 85C), 27 Amps (Peak)
Inductance	8 nH

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