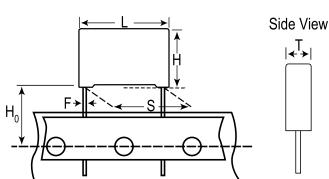


## R75TI1680DQ30J

Aliases (75TI1680DQ30J)

R75, Film, Metallized Polypropylene, Automotive Grade, 6,800 pF, 5%, 1,600 VDC, 85°C, 15 mm



7 <u>10</u>	<del></del>		Qualifications
<u> </u>		Ш	AEC-Q200
			Typical Component Weight
			Miscellaneous
	Click here for the 3D model.		
Dimensions			Specifications
L	18mm +0.3/-0.5mm		Capacitance
Н	11mm +0.1/-0.5mm		Tolerance
Т	5mm +0.2/-0.5mm		Voltage DC

15mm +/-0.4mm

18.5mm +/-0.5mm 0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Ammo, 360x340x59mm, Box	
Packaging Quantity	800	

S

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General Information		
Series	R75	
Dielectric	Metallized Polypropylene	
Style	Radial	
Features	Automotive Grade, Pulse	
RoHS	Yes	
Termination	Tinned Wire	
Lead	Wire Leads	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Typical Component Weight	1.732 g	
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.	

Specifications	
Capacitance	6,800 pF
Tolerance	5%
Voltage DC	1600 VDC
Voltage AC	650 VAC
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	6,000 V/us
ESR	117 mOhms (100kHz)
Ripple Current	1.68 Amps (100kHz 85C), 41 Amps (Peak)
Inductance	10 nH

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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