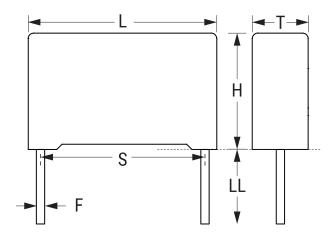


R75UI1680JB30J

Aliases (75UI1680JB30J) R75, Film, Metallized Polypropylene, Automotive Grade, 6,800 pF, 5%, 2,000 VDC, 85°C, 15 mm



Click here for the 3D model.

18mm +0.3/-0.5mm
12mm +0.1/-0.5mm
6mm +0.2/-0.5mm
15mm +/-0.4mm
3.5mm +0.5mm
0.8mm +/-0.05mm

Packaging SpecificationsPackagingBulk, BagPackaging Quantity1750

General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	1.788 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance	6,800 pF
Tolerance	5%
Voltage DC	2000 VDC
Voltage AC	700 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	9,500 V/us
ESR	117 mOhms (100kHz)
Ripple Current	1.75 Amps (100kHz 85C), 65 Amps (Peak)
Inductance	10 nH

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