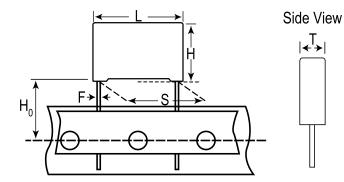


R75QI2470CK00J

Aliases (75QI2470CK00J) R75, Film, Metallized Polypropylene, Automotive Grade, 0.047 uF, 5%, 1,000 VDC, 85°C, 15 mm



## Click here for the 3D model.

18mm +/-0.5mm
13.5mm +0.1/-0.5mm
7.5mm +0.2/-0.5mm
15mm +/-0.4mm
18.5mm +/-0.5mm
0.8mm +/-0.05mm

## Packaging SpecificationsPackagingT&R, LargePackaging Quantity800

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	2.4 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance	0.047 uF
Tolerance	5%
Voltage DC	1000 VDC
Voltage AC	300 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	2,000 V/us
ESR	23.7 mOhms (100kHz)
Ripple Current	4.08 Amps (100kHz 85C), 94 Amps (Peak)
Inductance	10 nH

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