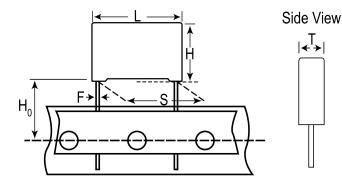


R76MI3100CK70J

General Information

Aliases (76MI3100CK70J) R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.1 uF, 5%, 400 VDC, 85°C, 15 mm



DielectricDouble Metallized PolypropyleneStyleRadialFeaturesAutomotive Grade, PulseRoHSYesTerminationTinned WireLeadWire LeadsQualificationsAEC-Q200AEC-Q200YesTypical Component Weight2.3 g	Series	R76
FeaturesAutomotive Grade, PulseRoHSYesTerminationTinned WireLeadWire LeadsQualificationsAEC-Q200AEC-Q200Yes	Dielectric	
RoHSYesTerminationTinned WireLeadWire LeadsQualificationsAEC-Q200AEC-Q200Yes	Style	Radial
TerminationTinned WireLeadWire LeadsQualificationsAEC-Q200AEC-Q200Yes	Features	Automotive Grade, Pulse
LeadWire LeadsQualificationsAEC-Q200AEC-Q200Yes	RoHS	Yes
QualificationsAEC-Q200AEC-Q200Yes	Termination	Tinned Wire
AEC-Q200 Yes	Lead	Wire Leads
	Qualifications	AEC-Q200
Typical Component Weight 2.3 g	AEC-Q200	Yes
	Typical Component Weight	2.3 g

Specifications	
Capacitance	0.1 uF
Tolerance	5%
Voltage DC	400 VDC
Voltage AC	250 VAC
Temperature Range	-55/+110°C
Rated Temperature	85°C
Dissipation Factor	0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	900 V/us
ESR	11.14 mOhms (100kHz)
Ripple Current	6 Amps (100kHz 85C), 90 Amps (Peak)
Inductance	10 nH

Click here for the 3D model.

18mm +/-0.5mm
12.5mm +0.1/-0.5mm
9mm +0.2/-0.5mm
15mm +/-0.4mm
18.5mm +/-0.5mm
0.8mm +/-0.05mm

Packaging Specifications Packaging T&R, Large Packaging Quantity 650

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