

R76QI24705050J

Aliases (76QI24705050J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.047 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 15mm



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Dimensions	
L	18mm +0.5/-0.5mm
Н	13.5mm +0.1/-0.5mm
Т	7.5mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	700	

General Information	
Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	2.53 g

Specifications	
Capacitance	0.047 uF
Capacitance Tolerance	5%
Voltage AC	600 VAC
Voltage DC	1000 VDC
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	3500 V/us
Resistance	13.55 mOhms (100kHz)
Ripple Current	5.4 Amps (100kHz 85C), 165 Amps (Peak)
Inductance	10 nH

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