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**General Information**

Series	R76
Dielectric	Double 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	1.07 g

**Dimensions**

L	13mm +0.2/-0.5mm
H	11mm +0.1/-0.5mm
T	5mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	4mm +2mm
F	0.6mm +/-0.05mm

**Specifications**

Capacitance	0.047 uF
Tolerance	5%
Voltage DC	250 VDC
Voltage AC	180 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	1,000 V/us
ESR	13.55 mOhms (100kHz)
Ripple Current	4.6 Amps (100kHz 85C), 47 Amps (Peak)
Inductance	9 nH

**Packaging Specifications**

Packaging	Bulk, Bag
Packaging Quantity	1300

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