

R76IN41005030J

Aliases (76IN41005030J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 1 uF, 5%, 250 VDC, 85°C, 22.5 mm



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General Information

Series	R76
Dielectric	Double 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	8.081 g

Dimensions

L	26.5mm +0.3/-0.5mm
H	20mm +0.1/-0.5mm
T	11mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	250

Specifications

Capacitance	1 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, 0.06% 10kHz
Insulation Resistance	30 GOhms
Max dV/dt	300 V/us
ESR	5.57 mOhms (100kHz)
Ripple Current	10.3 Amps (100kHz 85C), 300 Amps (Peak)
Inductance	16 nH

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