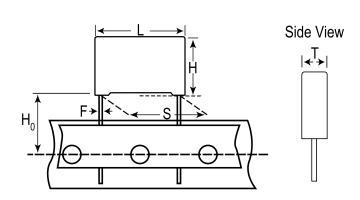


## R76PI3100DQ30J

Aliases (76PI3100DQ30J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.1 uF, 5%, 630 VDC, 85°C, 15 mm



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	4.1 q

Click here for the 3D model.

18mm +/-0.5mm
16mm +0.1/-0.5mm
10mm +0.2/-0.5mm
15mm +/-0.4mm
18.5mm +/-0.5mm
0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	380

Specifications	
Capacitance	0.1 uF
Tolerance	5%
Voltage DC	630 VDC
Voltage AC	400 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	3,000 V/us
ESR	11.14 mOhms (100kHz)
Ripple Current	6.4 Amps (100kHz 85C), 300 Amps (Peak)
Inductance	10 nH

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