

## R76MD2270JE30K

Aliases (76MD2270JE30K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.027 uF, 10%, 400 VDC, 85°C, Lead Spacing = 7.5mm



Click [here](#) for the 3D model.

Dimensions	
L	10.5mm +0.2/-0.5mm
H	12mm +0.1/-0.5mm
T	6mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	4mm +0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk
Packaging Quantity	1000

General Information	
Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes

Specifications	
Capacitance	0.027 uF
Capacitance Tolerance	10%
Voltage AC	250 VAC
Voltage DC	400 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	1700 V/us
Resistance	23.58 mOhms (100kHz)
Ripple Current	3.5 Amps (100kHz 85C), 46 Amps (Peak)
Inductance	8 nH