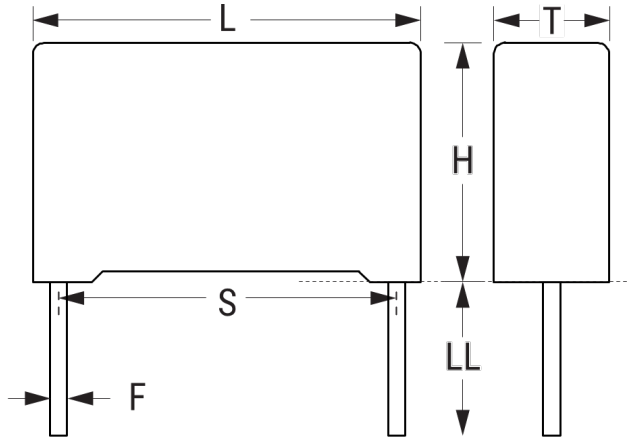


R76MD1270SE30K

Aliases (76MD1270SE30K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 2700 pF, 10%, 400 VDC, 85°C, 7.5mm



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

Dimensions

L	10mm +0.2/-0.5mm
H	8mm +0.1/-0.5mm
T	3mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	4mm +2mm
F	0.5mm +/-0.05mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	1500

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

Specifications

Capacitance	2700 pF
Capacitance Tolerance	10%
Voltage DC	400 VDC
Voltage AC	250 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	1700 V/us
ESR	235.79 mOhms (100kHz)
Ripple Current	0.4 Amps (100kHz 85C), 5 Amps (Peak)
Inductance	8 nH