

R76PDO680Z300K

Aliases (76PDO680Z300K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 680 pF, 10%, 630 VDC, 85°C, Lead Spacing = 7.5mm



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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	17mm +1/-2mm
F	0.5mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk
Packaging Quantity	1750

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

Specifications	
Capacitance	680 pF
Capacitance Tolerance	10%
Voltage AC	250 VAC
Voltage DC	630 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	2800 V/us
Resistance	936.21 mOhms (100kHz)
Ripple Current	0.1 Amps (100kHz 85C), 2 Amps (Peak)
Inductance	8 nH