

KEMET Part Number: R76PD0680Z300J
(76PD0680Z300J)



R76, Film, Double Metallized Polypropylene, Automotive Grade, 680 pF, 5%, 630 VDC, 85°C, Lead Spacing = 7.5mm



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
Component Weight:	0.482 g

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

Specifications	
Capacitance:	680 pF
Capacitance Tolerance:	5%
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

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