

KEMET Part Number: R75PD1680Z340J
(75PD1680Z340J)

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R75, Film, Metallized Polypropylene, Automotive Grade, 6800 pF, 5%, 630 VDC, 85°C, Lead Spacing = 7.5mm



Dimensions

L	10mm +0.2/-0.5mm
H	9mm +0.1/-0.5mm
T	4mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	17mm +1/-2mm
F	0.5mm +/-0.05mm

Packaging Specifications

Packaging:	Bulk
Packaging Quantity:	1500

General Information

Series:	R75
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	0.49 g
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications

Capacitance:	6800 pF
Capacitance Tolerance:	5%
Voltage AC:	250 VAC
Voltage DC:	630 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	2400 V/us
Resistance:	361.7 mOhms (100kHz)
Ripple Current:	1.07 Amps (100kHz 85C), 16 Amps (Peak)
Inductance:	8 nH

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