

KEMET Part Number: R74NF1680JE00J
(74NF1680JE00J)

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R74, Film, Metallized Polypropylene, Automotive Grade, 6800 pF, 5%, 1300 VDC, 85°C, Lead Spacing = 10mm



General Information

Series:	R74
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Cut
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Dimensions

L	13mm +0.2/-0.5mm
H	12mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	4mm +0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	1000

Specifications

Capacitance:	6800 pF
Capacitance Tolerance:	5%
Voltage AC:	400 VAC
Voltage DC:	1300 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	2200 V/us
Resistance:	93.6 mOhms (100kHz)
Ripple Current:	1.7 Amps (100kHz 85C), 15 Amps (Peak)
Inductance:	9 nH

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