

KEMET Part Number: R745R3680AA00J
(745R3680AA00J)

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R74, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 27.5mm



Dimensions

L	32mm +0.3/-0.7mm
H	33mm +0.1/-0.7mm
T	18mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging:	Tray
Packaging Quantity:	256

General Information

Series:	R74
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Pulse
RoHS:	Yes
Lead:	Cut
AEC-Q200:	No
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications

Capacitance:	0.68 uF
Capacitance Tolerance:	5%
Voltage AC:	500 VAC
Voltage DC:	1600 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance:	44.1176 GOhms
Max dV/dt:	500 V/us
Resistance:	14 mOhms (100kHz)
Ripple Current:	7.9 Amps (100kHz 85C), 340 Amps (Peak)
Inductance:	18 nH

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