

R75MC1680AA40K

Aliases (75MC1680AA40K)

R75, Film, Metallized Polypropylene, General Purpose, 6800 pF, 10%, 400 VDC, 85°C, Lead Spacing = 5mm



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Dimensions

L	7.2mm +0.2/-0.5mm
H	7.5mm +0.1/-0.5mm
T	3.5mm +0.1/-0.5mm
S	5mm +/-0.4mm
LL	4mm +1.5mm
F	0.5mm +/-0.05mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	2000

General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
AEC-Q200	No
Component Weight	0.301 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C.

Specifications

Capacitance	6800 pF
Capacitance Tolerance	10%
Voltage AC	200 VAC
Voltage DC	400 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	100 GOhms
Max dV/dt	400 V/us
Resistance	702.2 mOhms (100kHz)
Ripple Current	0.507 Amps (100kHz 85C), 3 Amps (Peak)
Inductance	7 nH