

KEMET Part Number: R75IF3180DQA0J
(75IF3180DQA0J)

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R75, Film, Metallized Polypropylene, Automotive Grade, 0.18 uF, 5%, 250 VDC, 85°C, Lead Spacing = 10mm



General Information	
Series:	R75
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Wire Leads
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
H0	18.5mm +/-0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging:	Ammo, 360x340x59mm, Box
Packaging Quantity:	680

Specifications	
Capacitance:	0.18 uF
Capacitance Tolerance:	5%
Voltage AC:	140 VAC
Voltage DC:	250 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	150 V/us
Resistance:	13.3 mOhms (100kHz)
Ripple Current:	4.86 Amps (100kHz 85C), 27 Amps (Peak)
Inductance:	9 nH

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