

KEMET Part Number: R75GI4100DQ00K
(75GI4100DQ00K)

R75, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 10%, 160 VDC, 85°C, Lead Spacing = 15mm



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	18mm +/-0.5mm
H	16mm +0.1/-0.5mm
T	10mm +0.2/-0.5mm
S	15mm +/-0.4mm
H ₀	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging:	Ammo, 360x340x59mm, Box
Packaging Quantity:	380

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage AC:	90 VAC
Voltage DC:	160 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance:	30 GOhms
Max dV/dt:	100 V/us
Resistance:	4.8 mOhms (100kHz)
Ripple Current:	9.75 Amps (100kHz 85C), 120 Amps (Peak)
Inductance:	10 nH

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