

R75QI2100AA00K

Aliases (75QI2100AA00K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.01 uF, 10%, 1000 VDC, 85°C, Lead Spacing = 15mm



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Dimensions

L	18mm +0.3/-0.5mm
H	11mm +0.1/-0.5mm
T	5mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.4mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	2000

General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	1.2 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Specifications

Capacitance	0.01 uF
Capacitance Tolerance	10%
Voltage AC	250 VAC
Voltage DC	1000 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	2000 V/us
Resistance	79.58 mOhms (100kHz)
Ripple Current	1.571 Amps (100kHz 85C), 20 Amps (Peak)
Inductance	10 nH

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