

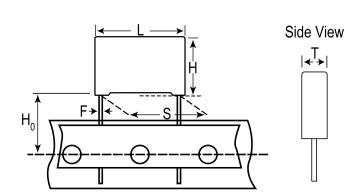
R75IF3100CKA0J

Aliases (75IF3100CKA0J)

General Information

Series

R75, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 5%, 250 VDC, 85°C, 10 mm



Click here for the 3D mod	el.
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Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	0.67 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

R75

13mm +0.2/-0.5mm
9mm +0.1/-0.5mm
4mm +0.2/-0.5mm
10mm +/-0.4mm
18.5mm +/-0.5mm
0.6mm +/-0.05mm

Packaging Specifications	
Packaging	T&R, Large
Packaging Quantity	1500

Specifications	
Capacitance	0.1 uF
Tolerance	5%
Voltage DC	250 VDC
Voltage AC	140 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	150 V/us
ESR	15.9 mOhms (100kHz)
Ripple Current	4 Amps (100kHz 85C), 15 Amps (Peak)
Inductance	9 nH

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