

Dimensio

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## R75IF3100DQA0J

Aliases (75IF3100DQA0J)

**General Information** 

Series

Style Features

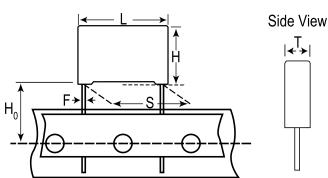
Dielectric

R75, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 5%, 250 VDC,  $85^{\circ}\text{C}$ , 10 mm

R75

Metallized Polypropylene

Automotive Grade, Pulse



13mm +0.2/-0.5mm	Capacitance	0.1 uF
ons	Specifications	
Click here for the 3D model.	Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
	Typical Component Weight	0.773 g
	AEC-Q200	Yes
	Qualifications	AEC-Q200
	Lead	Wire Leads
	Termination	Tinned Wire
	RoHS	Yes

Packaging Specifications	
Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	1000

9mm +0.1/-0.5mm

4mm +0.2/-0.5mm 10mm +/-0.4mm

18.5mm +/-0.5mm 0.6mm +/-0.05mm

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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