

## R75MD2120JE40J

Aliases (75MD2120JE40J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.012 uF, 5%, 400 VDC, 85°C, 7.5 mm



General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Click here for the 3D model.

L 10mm +0.2/-0.5mm H 9mm +0.1/-0.5mm
H 9mm +0.1/-0.5mm
T 4mm +0.1/-0.5mm
S 7.5mm +/-0.4mm
LL 4mm +0.5mm
F 0.5mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk	
Packaging Quantity	2000	

Specifications	
Capacitance	0.012 uF
Tolerance	5%
Voltage DC	400 VDC
Voltage AC	220 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	1,500 V/us
ESR	92.8 mOhms (100kHz)
Ripple Current	1.57 Amps (100kHz 85C), 18 Amps (Peak)
Inductance	8 nH

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