

R75GR510050H0J

Aliases (75GR510050H0J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 10 uF, 5%, 160 VDC, 105°C, 27.5mm



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Dimensions	
L	32mm +0.3/-0.7mm
H	37mm +0.1/-0.7mm
T	22mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	112

General Information	
Series	R75H
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	29.1 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance	10 uF
Capacitance Tolerance	5%
Voltage DC	160 VDC
Voltage AC	90 VAC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.1% 1kHz
Insulation Resistance	3 GOhms
Max dV/dt	60 V/us
ESR	4.77 mOhms (100kHz)
Ripple Current	14.2 Amps (100kHz 90C), 600 Amps (Peak)
Inductance	18 nH

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