

R75QR415050H0J

Aliases (75QR415050H0J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 1.5 uF, 5%, 1000 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	32.5 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

Specifications

Capacitance	1.5 uF
Capacitance Tolerance	5%
Voltage DC	1000 VDC
Voltage AC	250 VAC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.06% 1kHz
Insulation Resistance	20 GOhms
Max dV/dt	350 V/us
ESR	0.5 mOhms (100kHz)
Ripple Current	9.53 Amps (100kHz 90C), 525 Amps (Peak)
Inductance	18 nH