

R75QW4220AAH0J

Aliases (75QW4220AAH0J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 2.2 uF, 5%, 1000 VDC, 105°C, Lead Spacing = 37.5mm



Click [here](#) for the 3D model.

Dimensions

L	41.5mm +0.3/-0.7mm
H	40mm +0.1/-0.7mm
T	20mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	126

General Information

Series	R75H
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	39.1g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

Specifications

Capacitance	2.2 uF
Capacitance Tolerance	5%
Voltage AC	250 VAC
Voltage DC	1000 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.06% 1kHz
Insulation Resistance	13.6364 GOhms
Max dV/dt	200 V/us
Resistance	0.4 mOhms (100kHz)
Ripple Current	12.14 Amps (100kHz 90C), 440 Amps (Peak)
Inductance	20 nH