

R75QW4100AAH0K

Aliases (75QW4100AAH0K)

R75H, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 10%, 1000 VDC, 105°C, Lead Spacing = 37.5mm



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

Dimensions

L	41.5mm +0.3/-0.7mm
H	28.5mm +0.1/-0.7mm
T	16mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	216

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	20.7 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

Specifications

Capacitance	1 uF
Capacitance Tolerance	10%
Voltage AC	250 VAC
Voltage DC	1000 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	30 GOhms
Max dV/dt	200 V/us
Resistance	0.8 mOhms (100kHz)
Ripple Current	10.56 Amps (100kHz 90C), 200 Amps (Peak)
Inductance	20 nH