

R75JW41004000J

Aliases (75JW41004000J)

R75, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 5%, 1300 VDC, 85°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	30mm +5mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	108

General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
AEC-Q200	Yes
Component Weight	21.2 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C.

Specifications

Capacitance	1 uF
Capacitance Tolerance	5%
Voltage AC	400 VAC
Voltage DC	1300 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	30 GOhms
Max dV/dt	180 V/us
Resistance	7.958 mOhms (100kHz)
Ripple Current	10.56 Amps (100kHz 85C), 180 Amps (Peak)
Inductance	20 nH