

## R75JW42704000J

Aliases (75JW42704000J)

R75, Film, Metallized Polypropylene, Automotive Grade, 2.7  $\mu$ F, 5%, 1300 VDC, 85°C, Lead Spacing = 37.5mm



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

### Dimensions

L	41.5mm +0.3/-0.7mm
H	44mm +0.1/-0.7mm
T	24mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	30mm +5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk
Packaging Quantity	72

### General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
AEC-Q200	Yes
Component Weight	52.59 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C.

### Specifications

Capacitance	2.7 $\mu$ F
Capacitance Tolerance	5%
Voltage AC	400 VAC
Voltage DC	1300 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	11.1111 GOhms
Max dV/dt	180 V/us
Resistance	8.842 mOhms (100kHz)
Ripple Current	11.46 Amps (100kHz 85C), 486 Amps (Peak)
Inductance	20 nH