

## R75MR41504040J

Aliases (75MR41504040J)

R75, Film, Metallized Polypropylene, Automotive Grade, 1.5 uF, 5%, 400 VDC, 85°C, Lead Spacing = 27.5mm



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

### Dimensions

L	32mm +0.3/-0.7mm
H	20mm +0.1/-0.7mm
T	11mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	30mm +5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk
Packaging Quantity	336

### General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
AEC-Q200	Yes
Component Weight	10.98 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C.

### Specifications

Capacitance	1.5 uF
Capacitance Tolerance	5%
Voltage AC	220 VAC
Voltage DC	400 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	20 GOhms
Max dV/dt	130 V/us
Resistance	10.61 mOhms (100kHz)
Ripple Current	7.748 Amps (100kHz 85C), 195 Amps (Peak)
Inductance	18 nH