

R75MN41505030J

Aliases (75MN41505030J)

R75, Film, Metallized Polypropylene, Automotive Grade, 1.5 uF, 5%, 400 VDC, 85°C, Lead Spacing = 22.5mm



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

Dimensions

L	26.5mm +0.3/-0.5mm
H	22mm +0.1/-0.5mm
T	13mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	200

General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	9.09 g
Miscellaneous	Above 85C DC 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
Dissipation Factor	0.06% 1kHz
Insulation Resistance	20 GOhms
Max dV/dt	300 V/us
Resistance	5.3 mOhms (100kHz)
Ripple Current	7.75 Amps (100kHz 85C), 450 Amps (Peak)
Inductance	18 nH