

## R75MN3820AA30J

Aliases (75MN3820AA30J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.82 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	18.5mm +0.1/-0.5mm
T	10mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	396

### General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	5.5 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	0.82 uF
Capacitance Tolerance	5%
Voltage AC	220 VAC
Voltage DC	400 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	36.5854 GOhms
Max dV/dt	300 V/us
Resistance	9.7 mOhms (100KHz)
Ripple Current	7.59 Amps (100kHz 85C), 246 Amps (Peak)
Inductance	18 nH

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