

## R75MN4100JEH3K

Aliases (75MN4100JEH3K)

R75H, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 10%, 400 VDC, 105°C, Lead Spacing = 22.5mm



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

Dimensions	
L	26.5mm +0.3/-0.5mm
H	20mm +0.1/-0.5mm
T	11mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	4mm +0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	360

General Information	
Series	R75H
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance	1 uF
Capacitance Tolerance	10%
Voltage AC	220 VAC
Voltage DC	400 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	30 GOhms
Max dV/dt	300 V/us
Resistance	7.958 mOhms (100kHz)
Ripple Current	8.6 Amps (100kHz 90C), 300 Amps (Peak)
Inductance	16 nH

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