

R75MN4100DQ30M

Aliases (75MN4100DQ30M)

R75, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 20%, 400 VDC, 85°C, 22.5 mm



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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
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	217

General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	8.346 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance	1 uF
Tolerance	20%
Voltage DC	400 VDC
Voltage AC	220 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	30 GOhms
Max dV/dt	300 V/us
ESR	8 mOhms (100kHz)
Ripple Current	8.6 Amps (100kHz 85C), 300 Amps (Peak)
Inductance	16 nH

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