

## R75MN4100JE30K

Aliases (75MN4100JE30K)

R75, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 10%, 400 VDC, 85°C, Lead Spacing = 22.5 mm



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Dimensions	,
L	26.5mm +0.3/-0.5mm
Н	20mm +0.1/-0.5mm
Т	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	R75	
Dielectric	Metallized Polypropylene	
Style	Radial	
Features	Automotive Grade, Pulse	
RoHS	Yes	
Lead	Cut	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.	

Specifications	
Capacitance	1uF
Capacitance Tolerance	10%
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	30 GOhms
Max dV/dt	300 V/us
Resistance	8.8 mOhms (100kHz)
Ripple Current	8.6 Amps (100kHz 85C), 300 Amps (Peak)
Inductance	18 nH

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