

**KEMET Part Number: R75MN38205030J**  
(75MN38205030J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.82 uF, 5%, 400 VDC, 85°C, Lead Spacing = 22.5mm



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

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	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	300

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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