

**KEMET Part Number: R76MN38205050J**  
(76MN38205050J)

**KEMET**  
a YAGEO company

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.82 uF, 5%, 400 VDC, 85°C, Lead Spacing = 22.5mm



General Information	
Series:	R76
Dielectric:	Double Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	9.2 g

Dimensions	
L	26.5mm +0.3/-0.5mm
H	22mm +0.1/-0.5mm
T	13mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Specifications	
Capacitance:	0.82 uF
Capacitance Tolerance:	5%
Voltage AC:	250 VAC
Voltage DC:	400 VDC
Temperature Range:	-55/+110°C
Rated Temperature:	85°C
Dissipation Factor:	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance:	36.585 GOhms
Max dV/dt:	500 V/us
Resistance:	3.88 mOhms (100kHz)
Ripple Current:	12.8 Amps (100kHz 85C), 410 Amps (Peak)
Inductance:	16 nH

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	200

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