

**KEMET Part Number: R749R28205000J**  
(749R28205000J)

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R74, Film, Metallized Polypropylene, General Purpose, 0.082 uF, 5%, 2200 VDC, 85°C, Lead Spacing = 27.5mm



General Information	
Series:	R74
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Pulse
RoHS:	Yes
Lead:	Wire Leads
AEC-Q200:	No
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Dimensions	
L	32mm +0.3/-0.7mm
H	28mm +0.1/-0.7mm
T	14mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Specifications	
Capacitance:	0.082 uF
Capacitance Tolerance:	5%
Voltage AC:	900 VAC
Voltage DC:	2200 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	1500 V/us
Resistance:	15.5 mOhms (100KHz)
Ripple Current:	7 Amps (100kHz 85C), 123 Amps (Peak)
Inductance:	18 nH

Packaging Specifications	
Packaging:	Tray
Packaging Quantity:	176

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