

**KEMET Part Number: R71MR41005000M**  
(71MR41005000M)

R71, Film, Metallized Polypropylene, General Purpose, 1 uF, 20%, 420 VDC, 105°C, Lead Spacing = 27.5mm



General Information	
Series:	R71
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	PFC and Pulse
RoHS:	Yes
Lead:	Wire Leads
AEC-Q200:	No
Miscellaneous:	Above 105C DC And AC Voltage Derating Is 4%/C.

Dimensions	
L	32mm +0.3/-0.7mm
H	17mm +0.1/-0.7mm
T	9mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging:	Tray
Packaging Quantity:	408

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	20%
Voltage AC:	220 VAC
Voltage DC:	420 VDC
Temperature Range:	-40/+110°C
Rated Temperature:	105°C
Dissipation Factor:	0.1% 25C
Insulation Resistance:	30 GOhms
Max dV/dt:	80 V/us
Resistance:	119.4 mOhms (100kHz)
Ripple Current:	1.55 Amps (100kHz 85C), 80 Amps (Peak)
Inductance:	18 nH

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