

**KEMET Part Number: R71QR3680AA00M**  
(71QR3680AA00M)

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R71, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 20%, 1000 VDC, 105°C, Lead Spacing = 27.5mm



General Information	
Series:	R71
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	PFC and Pulse
RoHS:	Yes
Lead:	Cut
AEC-Q200:	No
Miscellaneous:	Above 105C DC And AC Voltage Derating Is 4%/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	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging:	Tray
Packaging Quantity:	352

Specifications	
Capacitance:	0.68 uF
Capacitance Tolerance:	20%
Voltage AC:	275 VAC
Voltage DC:	1000 VDC
Temperature Range:	-40/+110°C
Rated Temperature:	105°C
Dissipation Factor:	0.1% 25C
Insulation Resistance:	44.1176 GOhms
Max dV/dt:	180 V/us
Resistance:	175.5 mOhms (100kHz)
Ripple Current:	1.38 Amps (100kHz 85C), 122.4 Amps (Peak)
Inductance:	18 nH

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