

KEMET Part Number: R71QW4680AA10J
(71QW4680AA10J)

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R71, Film, Metallized Polypropylene, General Purpose, 6.8 uF, 5%, 1000 VDC, 105°C, Lead Spacing = 37.5mm



Dimensions

L	41.5mm +0.3/-0.7mm
H	44mm +0.1/-0.7mm
T	24mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

Packaging Specifications

Packaging:	Tray
Packaging Quantity:	108

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.

Specifications

Capacitance:	6.8 uF
Capacitance Tolerance:	5%
Voltage AC:	275 VAC
Voltage DC:	1000 VDC
Temperature Range:	-40/+110°C
Rated Temperature:	105°C
Dissipation Factor:	0.1% 25C
Insulation Resistance:	4.4118 GOhms
Max dV/dt:	80 V/us
Resistance:	49.2 mOhms (100kHz)
Ripple Current:	3.11 Amps (100kHz 85C), 544 Amps (Peak)
Inductance:	20 nH

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