

KEMET Part Number: R71VI3680CK30J
(71VI3680CK30J)

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R71, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 5%, 520 VDC, 105°C, Lead Spacing = 15mm



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	18mm +/-0.5mm
H	16mm +0.1/-0.5mm
T	10mm +0.2/-0.5mm
S	15mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging:	T&R, Large
Packaging Quantity:	600

Specifications	
Capacitance:	0.68 uF
Capacitance Tolerance:	5%
Voltage AC:	250 VAC
Voltage DC:	520 VDC
Temperature Range:	-40/+110°C
Rated Temperature:	105°C
Dissipation Factor:	0.1% 25C
Insulation Resistance:	44.1176 GOhms
Max dV/dt:	200 V/us
Resistance:	105.3 mOhms (100kHz)
Ripple Current:	1.32 Amps (100kHz 85C), 136 Amps (Peak)
Inductance:	10 nH

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