

KEMET Part Number: R71VN41004030K
(71VN41004030K)

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R71, Film, Metallized Polypropylene, General Purpose, 1 uF, 10%, 520 VDC, 105°C, Lead Spacing = 22.5mm



General Information	
Series:	R71
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	PFC and Pulse
RoHS:	Yes
Lead:	Wire Leads
AEC-Q200:	No
Component Weight:	6.449 g
Miscellaneous:	Above 105C DC And AC Voltage Derating Is 4%/C.

Dimensions	
L	26.5mm +0.3/-0.5mm
H	18.5mm +0.1/-0.5mm
T	10mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	30mm +5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	300

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage AC:	250 VAC
Voltage DC:	520 VDC
Temperature Range:	-40/+110°C
Rated Temperature:	105°C
Dissipation Factor:	0.1% 25C
Insulation Resistance:	30 GOhms
Max dV/dt:	120 V/us
Resistance:	95.5 mOhms (100kHz)
Ripple Current:	1.63 Amps (100kHz 85C), 120 Amps (Peak)
Inductance:	18 nH

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