

R71VF3150AA30J

Aliases (71VF3150AA30J)

R71, Film, Metallized Polypropylene, General Purpose, 0.15 uF, 5%, 520 VDC, 105°C, 10 mm



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General Information

Series	R71
Dielectric	Metallized Polypropylene
Style	Radial
Features	PFC and Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
AEC-Q200	No
Typical Component Weight	1.22 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

Dimensions

L	13mm +0.2/-0.5mm
H	12mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	4mm +2mm
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1000

Specifications

Capacitance	0.15 uF
Tolerance	5%
Voltage DC	520 VDC
Voltage AC	250 VAC
Temperature Range	-40/+110°C
Rated Temperature	105°C
Dissipation Factor	0.1% 25C
Insulation Resistance	100 GOhms
Max dV/dt	300 V/us
ESR	265.3 mOhms (100kHz)
Ripple Current	0.7 Amps (100kHz 85C), 45 Amps (Peak)
Inductance	9 nH

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