

R71VF3100AA30K

Aliases (71VF3100AA30K)

R71, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 10%, 520 VDC, 105°C, 10mm



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Dimensions

L	13mm +0.2/-0.5mm
H	11mm +0.1/-0.5mm
T	5mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	4mm +2mm
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1300

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	0.769 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

Specifications

Capacitance	0.1 uF
Capacitance Tolerance	10%
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	397.9 mOhms (100kHz)
Ripple Current	0.56 Amps (100kHz 85C), 30 Amps (Peak)
Inductance	9 nH

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