

R71PF2470AA30J

Aliases (71PF2470AA30J)

R71, Film, Metallized Polypropylene, General Purpose, 0.047 uF, 5%, 630 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	0.531 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

Specifications

Capacitance	0.047 uF
Tolerance	5%
Voltage DC	630 VDC
Voltage AC	275 VAC
Temperature Range	-40/+110°C
Rated Temperature	105°C
Dissipation Factor	0.1% 25C
Insulation Resistance	100 GOhms
Max dV/dt	400 V/us
ESR	846.6 mOhms (100kHz)
Ripple Current	0.39 Amps (100kHz 85C), 18.8 Amps (Peak)
Inductance	9 nH

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

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