

R71PW5100AA00K

Aliases (71PW5100AA00K)

R71, Film, Metallized Polypropylene, General Purpose, 10 uF, 10%, 630 VDC, 105°C, 37.5 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	52.59 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

Dimensions

L	41.5mm +0.3/-0.7mm
H	44mm +0.1/-0.7mm
T	24mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	108

Specifications

Capacitance	10 uF
Tolerance	10%
Voltage DC	630 VDC
Voltage AC	275 VAC
Temperature Range	-40/+110°C
Rated Temperature	105°C
Dissipation Factor	0.1% 25C
Insulation Resistance	3 GOhms
Max dV/dt	80 V/us
ESR	43 mOhms (100kHz)
Ripple Current	3.32 Amps (100kHz 85C), 800 Amps (Peak)
Inductance	20 nH

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