

R71MF3100DQ30K

Aliases (71MF3100DQ30K)

R71, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 10%, 420 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	Tinned Wire
Lead	Wire Leads
AEC-Q200	No
Typical Component Weight	0.684 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

Specifications

Capacitance	0.1 uF
Tolerance	10%
Voltage DC	420 VDC
Voltage AC	220 VAC
Temperature Range	-40/+110°C
Rated Temperature	105°C
Dissipation Factor	0.1% 25C
Insulation Resistance	100 GOhms
Max dV/dt	250 V/us
ESR	397.9 mOhms (100kHz)
Ripple Current	0.54 Amps (100kHz 85C), 25 Amps (Peak)
Inductance	9 nH

Dimensions

L	13mm +0.2/-0.5mm
H	9mm +0.1/-0.5mm
T	4mm +0.2/-0.5mm
S	10mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	1000

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