

R71PF3100DQH6M

Aliases (71PF3100DQH6M)

R71H, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 20%, 630 VDC, 85°C, 10 mm



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General Information

Series	R71H
Dielectric	Metallized Polypropylene
Style	Radial
Features	PFC and Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	1 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

Specifications

Capacitance	0.1 uF
Tolerance	20%
Voltage DC	630 VDC
Voltage AC	220 VAC
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	0.1% 25C
Insulation Resistance	100 GOhms
Max dV/dt	260 V/us
ESR	198.9 mOhms (100kHz)
Ripple Current	1.206 Amps (100kHz 85C), 26 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
H0	18.5mm +/-0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	800

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