

R75PF2470AA40K

Aliases (75PF2470AA40K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.047 uF, 10%, 630 VDC, 85°C, 10 mm



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General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
AEC-Q200	Yes
Typical Component Weight	1.298 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Dimensions

L	13mm +0.2/-0.5mm
H	12mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	4mm +2mm
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	1000

Specifications

Capacitance	0.047 uF
Tolerance	10%
Voltage DC	630 VDC
Voltage AC	250 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.03% 1kHz
Insulation Resistance	100 GOhms
Max dV/dt	2,000 V/us
ESR	23.7 mOhms (100kHz)
Ripple Current	3.634 Amps (100kHz 85C), 94 Amps (Peak)
Inductance	9 nH

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