

R75IW4470AA40K

Aliases (75IW4470AA40K)

R75, Film, Metallized Polypropylene, General Purpose, 4.7 uF, 10%, 250 VDC, 85°C, 37.5 mm



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General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
Typical Component Weight	12.05 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Dimensions

L	41.5mm +0.3/-0.7mm
H	22mm +0.1/-0.7mm
T	11mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	420

Specifications

Capacitance	4.7 uF
Tolerance	10%
Voltage DC	250 VDC
Voltage AC	160 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.06% 1kHz
Insulation Resistance	6.383 GOhms
Max dV/dt	40 V/us
ESR	5.1 mOhms (100kHz)
Ripple Current	12.05 Amps (100kHz 85C), 188 Amps (Peak)
Inductance	20 nH

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