

R75IN3470CK30J

Aliases (75IN3470CK30J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.47 uF, 5%, 250 VDC, 85°C, 22.5 mm



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General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	3.916 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications

Capacitance	0.47 uF
Tolerance	5%
Voltage DC	250 VDC
Voltage AC	160 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	63.8298 GOhms
Max dV/dt	130 V/us
ESR	8.5 mOhms (100kHz)
Ripple Current	7.38 Amps (100kHz 85C), 61 Amps (Peak)
Inductance	16 nH

Dimensions

L	26.5mm +0.3/-0.5mm
H	15mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	T&R, Large
Packaging Quantity	700

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