

R75IN4270AA40K

Aliases (75IN4270AA40K)

R75, Film, Metallized Polypropylene, Automotive Grade, 2.7 uF, 10%, 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	Cut (Tinned Wire)
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	8.6 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications

Capacitance	2.7 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	11.1111 GOhms
Max dV/dt	130 V/us
ESR	8.8 mOhms (100kHz)
Ripple Current	8.49 Amps (100kHz 85C), 351 Amps (Peak)
Inductance	16 nH

Dimensions

L	26.5mm +0.3/-0.5mm
H	22mm +0.1/-0.5mm
T	13mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	300

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