

R75IN4270AA40K

Aliases (75IN4270AA40K)

R75, Film, Metallized Polypropylene, Automotive Grade, 2.7 uF, 10%, 250 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

Dimensions	
L	26.5mm +0.3/-0.5mm
н	22mm +0.1/-0.5mm
т	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	

General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	8.6 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications		
Capacitance	2.7 uF	
Capacitance Tolerance	10%	
Voltage AC	160 VAC	
Voltage DC	250 VDC	
Temperature Range	-55/+105°C	
Rated Temperature	85°C	
Dissipation Factor	0.06% 1kHz	
Insulation Resistance	11.1111 GOhms	
Max dV/dt	125 V/us	
Resistance	8.8 mOhms (100kHz)	
Ripple Current	8.49 Amps (100kHz 85C), 351 Amps (Peak)	
Inductance	18 nH	

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