

R75GN4100CK00K

Aliases (75GN4100CK00K)

R75, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 10%, 160 VDC, 85°C, Lead Spacing = 22.5mm



General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	4.913 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications 1uF Capacitance Capacitance Tolerance 10% Voltage AC 90 VAC Voltage DC 160 VDC Temperature Range -55/+105°C **Rated Temperature** 85°C **Dissipation Factor** 0.05% 1kHz, 0.08% 10kHz Insulation Resistance 30 GOhms Max dV/dt 60 V/us Resistance 8 mOhms (100kHz) **Ripple Current** 7.83 Amps (100kHz 85C), 70 Amps (Peak) 18 nH Inductance

Click here for the 3D model.

Dimensions		
L	26.5mm +0.3/-0.5mm	
н	16mm +0.1/-0.5mm	
т	7mm +0.2/-0.5mm	
S	22.5mm +/-0.4mm	
НО	18.5mm +/-0.5mm	
F	0.8mm +/-0.05mm	

Packaging Specifications		
Packaging	T&R, Large	
Packaging Quantity	550	

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