

R75RF2100AA40K

Aliases (75RF2100AA40K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.01 uF, 10%, 1250 VDC, 85°C, Lead Spacing = 10mm



Click here for the 3D model.

Dimensions	
L	13mm +0.2/-0.5mm
н	12mm +0.1/-0.5mm
т	6mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	4mm +2mm
F	0.6mm +/-0.4mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	1000

General Information			
Series	R75		
Dielectric	Metallized Polypropylene		
Style	Radial		
Features	Automotive Grade, Pulse		
RoHS	Yes		
Lead	Cut		
Qualifications	AEC-Q200		
AEC-Q200	Yes		
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .		

Capacitance 0.01 uF Capacitance Tolerance 10%	
Capacitance Tolerance 10%	
Voltage AC 450 VAC	
Voltage DC 1250 VDC	
Temperature Range -55/+105°C	
Rated Temperature 85°C	
Dissipation Factor 0.04% 1kHz, 0.06% 10kHz	
Insulation Resistance 100 GOhms	
Max dV/dt 6000 V/us	
Resistance 79.58 mOhms (100kHz)	
Ripple Current 1.984 Amps (100kHz 85C), 60 Amps (Pe	eak)
Inductance 9 nH	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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