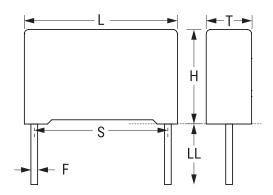
KEMET Part Number: R75GI4100AA00J

(75GI4100AA00J)



R75, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 5%, 160 VDC, 85°C, Lead Spacing = 15mm



Dimensions		
L	18mm +/-0.5mm	
Н	16mm +0.1/-0.5mm	
Т	10mm +0.2/-0.5mm	
S	15mm +/-0.4mm	
LL	4mm +2mm	
F	0.8mm +/-0.05mm	

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	750	

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 And AC Voltage Derating Is 1.25%/C.	

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	5%	
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:	100 V/us	
Resistance:	4.8 mOhms (100kHz)	
Ripple Current:	9.75 Amps (100kHz 85C), 120 Amps (Peak)	
Inductance:	10 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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