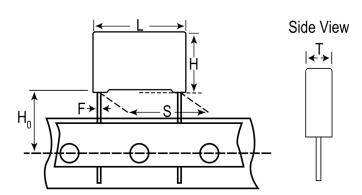


## R75GC3100DQ40J

Aliases (75GC3100DQ40J)

R75, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 5%, 160 VDC, 85°C, Lead Spacing = 5mm



Click here for the 3D model.

Dimensions		
L	7.2mm +0.3/-0.5mm	
Н	10mm +0.1/-0.5mm	
Т	5mm +0.1/-0.5mm	
S	5mm +/-0.4mm	
НО	18.5mm +/-0.5mm	
F	0.5mm +/-0.05mm	

Packaging Specifications		
Packaging	Ammo	
Packaging Quantity	1700	

General Information	n
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
AEC-Q200	No
Component Weight	0.7 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Specifications				
Capacitance	0.1 uF			
Capacitance Tolerance	5%			
Voltage AC	70 VAC			
Voltage DC	160 VDC			
Temperature Range	-55/+105°C			
Rated Temperature	85°C			
Insulation Resistance	100 GOhms			
Max dV/dt	100 V/us			
Resistance	47.75 mOhms (100kHz)			
Ripple Current	2.159 Amps (100kHz 85C), 10 Amps (Peak)			
Inductance	7 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.