

## R75GC3100Z340J

## Aliases (75GC3100Z340J)

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



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Dimensions	
L	7.2mm +0.3/-0.5mm
н	10mm +0.1/-0.5mm
т	5mm +0.1/-0.5mm
S	5mm +/-0.4mm
LL	17mm +1/-2mm
F	0.5mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk	
Packaging Quantity	1500	

General Information		
Series	R75	
Dielectric	Metallized Polypropylene	
Style	Radial	
Features	Automotive Grade, Pulse	
RoHS	Yes	
Lead	Wire Leads	
AEC-Q200	No	
Component Weight	0.501 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	

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