

R75IC3100Z340K

Aliases (75IC3100Z340K)

R75, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 10%, 250 VDC, 85°C, Lead Spacing = 5mm



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Dimensions	
L	7.2mm +0.3/-0.5mm
Н	11mm +0.1/-0.5mm
Т	6mm +0.1/-0.5mm
S	5mm +/-0.4mm
LL	17mm +1/-2mm
F	0.5mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk	
Packaging Quantity	1000	

General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
AEC-Q200	No
Component Weight	1.21 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	10%		
Voltage AC	160 VAC		
Voltage DC	250 VDC		
Temperature Range	-55/+105°C		
Rated Temperature	85°C		
Insulation Resistance	100 GOhms		
Max dV/dt	250 V/us		
Resistance	47.75 mOhms (100kHz)		
Ripple Current	2.26 Amps (100kHz 85C), 25 Amps (Peak)		
Inductance	7 nH		

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