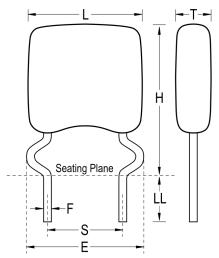


C327C103K1R5TA9170

GoldMax 300 Auto X7R, Ceramic, 0.01 uF, 10%, 100 VDC, X7R, GoldMax, Automotive Grade, Lead Spacing = 5.08mm



Click here for the 3D model.

Dimensions	, ,
L	5.08mm MAX
н	8.13mm MAX
т	3.18mm MAX
S	5.08mm +/-0.78mm
LL	5.08mm
F	0.51mm +0.1/-0.025mm
E	6.86mm NOM

Packaging Specifications

5 5 1	
Packaging	Bulk, Bag
Packaging Quantity	500

General Information	
Series	GoldMax 300 Auto X7R
Style	Radial
Description	GoldMax, Automotive Grade
Features	Automotive Grade
RoHS	Yes
Termination	Tin
Failure Rate	N/A
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes

Specifications				
Capacitance	0.01 uF			
Measurement Condition	1 kHz 1.0Vrms			
Capacitance Tolerance	10%			
Voltage DC	100 VDC			
Dielectric Withstanding Voltage	250 VDC			
Temperature Range	-55/+125°C			
Temperature Coefficient	X7R			
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	0.15, 1kHz 1.0Vrms			
Dissipation Factor	2.5%1 kHz 1.0Vrms			
Aging Rate	3% Loss/Decade Hour			
Insulation Resistance	100 GOhms			

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