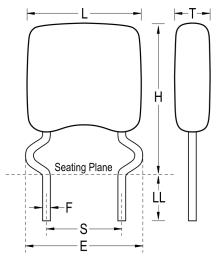


C327C104M5R5TA9170

GoldMax 300 Auto X7R, Ceramic, 0.1 uF, 20%, 50 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	0.1 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	20%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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	10 GOhms

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