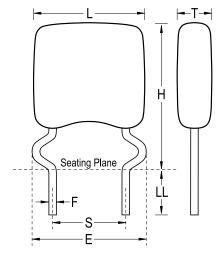


C327C271K5R5TA9170

GoldMax 300 Auto X7R, Ceramic, 270 pF, 10%, 50 VDC, X7R, GoldMax, Automotive Grade, 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

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
Lead	Crimped Out
Failure Rate	N/A
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	true

Specifications	
Capacitance	270 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
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%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour
Insulation Resistance	100 GOhms

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