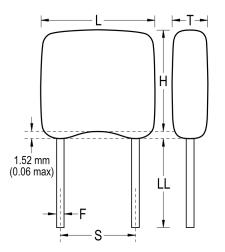


C315C102J3H5TA9170

GoldMax 300 Auto X8R HT150C, Ceramic, 1000 pF, 5%, 25 VDC, X8R, GoldMax, Automotive Grade, Lead Spacing = 2.54mm



Click here for the 3D model.

Dimensions	
L	3.81mm MAX
Н	3.14mm MAX
Т	2.54mm MAX
S	2.54mm +/-0.78mm
LL	7mm MIN
F	0.51mm +0.1/-0.025mm

## Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	500

General Information			
Series	GoldMax 300 Auto X8R HT150C		
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	1000 pF			
Measurement Condition	1 MHz 1.0Vrms			
Capacitance Tolerance	5%			
Voltage DC	25 VDC			
Dielectric Withstanding Voltage	62.5 VDC			
Temperature Range	-55/+150°C			
Temperature Coefficient	X8R			
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+15%/-40%, 1MHz 1.0Vrms			
Dissipation Factor	2.5%1MHz1.0Vrms			
Aging Rate	3% Loss/Decade Hour			
Insulation Resistance	100 GOhms			

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.