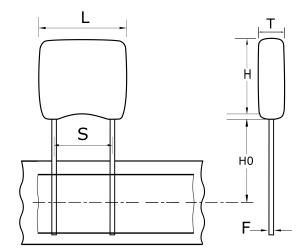


C315C102J3H5TA91707301 GoldMax 300 Auto X8R HT150C, Ceramic, 1000 pF, 5%, 25 VDC, X8R, GoldMax, Automotive Grade, Lead Spacing = 2.54mm



Click here for the 3D model.

Dimensions	
L	3.81mm MAX
Н	3.14mm MAX
т	2.54mm MAX
S	2.54mm +/-0.78mm
НО	16mm +/-0.5mm
F	0.51mm +0.1/-0.025mm

## Packaging Specifications

Packaging T&	&R, 305mm
Packaging Quantity 25	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% 1 MHz 1.0Vrms		
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.