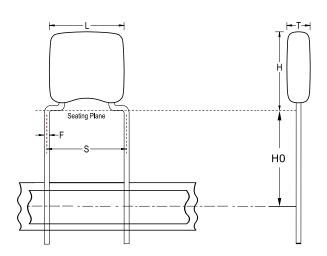


**General Information** 



GoldMax 300 Auto X8R HT150C, Ceramic, 1.5 pF, +/-0.5 pF, 50 VDC, X8R, GoldMax, Automotive Grade, 5.08mm



Click here for the 3D model.

	Series	GoldMax 300 Auto X8R HT150C
	Style	Radial
	Description	GoldMax, Automotive Grade
	Features	Automotive Grade
	RoHS	Yes
	Termination	Tin
	Lead	Wire Leads
	Failure Rate	N/A
	Qualifications	AEC-Q200
	AEC-Q200	Yes
	Halogen Free	true

Dimensions			
3.81mm MAX			
5.08mm MAX			
2.54mm MAX			
5.08mm +/-0.78mm			
16mm +/-0.5mm			
0.51mm +0.1/-0.025mm			

Packaging Specifications	
Packaging	T&R, 305mm
Packaging Quantity	2500

Specifications			
Capacitance	1.5 pF		
Measurement Condition	1 MHz 1.0Vrms		
Capacitance Tolerance	+/-0.5 pF		
Voltage DC	50 VDC		
Dielectric Withstanding Voltage	125 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.

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