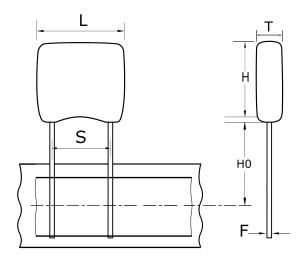


## C320C185M5N5TA91707303

Aliases (C320C185M5N5TA9170TR)

 $\label{eq:GoldMax} GoldMax\,300\,Auto\,X8L\,HT150C,\,Ceramic,\,1.8\,uF,\,20\%,\,50\,VDC,\,X8L,\,\\ "GoldMax,\,Automotive\,Grade",\,Lead\,Spacing\,=\,2.54mm$ 



Click here for the 3D model.

Dimensions	
L	5.08mm MAX
Н	5.84mm MAX
Т	3.18mm MAX
S	2.54mm +/-0.78mm
НО	18mm MIN
F	0.51mm +0.1/-0.025mm

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

General Information		
Series	GoldMax 300 Auto X8L 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	1.8 uF			
Capacitance Tolerance	20%			
Voltage DC	50 VDC			
Dielectric Withstanding Voltage	125 VDC			
Temperature Range	-55/+150°C			
Temperature Coefficient	X8L			
Dissipation Factor	2.5%			
Aging Rate	3% Loss/Decade Hour			
Insulation Resistance	555.6 MOhms			

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.