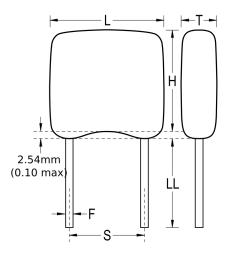


## C642C103MHR5TA

 $\hbox{GoldMax} \ 600 \ \hbox{Comm} \ X7R \ \hbox{HV, Ceramic, } 0.01 \ \hbox{uF, } 20\%, \ 3000 \ \hbox{VDC, } X7R, \ \hbox{GoldMax, Commercial Standard, Lead Spacing = } 10.16 \ \hbox{mm}$ 



Click here for the 3D model.

Dimensions	
L	12.7mm MAX
Н	14.22mm MAX
T	5.08mm MAX
S	10.16mm NOM
LL	7mm MIN
F	0.64mm NOM

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	50	

General Information		
Series	GoldMax 600 Comm X7R HV	
Style	Radial	
Description	GoldMax, Commercial Standard	
RoHS	With Exemptions	
REACH	SVHC (Pb - CAS 7439-92-1)	
Termination	Tin	
Failure Rate	N/A	
AEC-Q200	No	
Halogen Free	Yes	

Specifications	
Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	20%
Voltage DC	3000 VDC
Dielectric Withstanding Voltage	3600 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% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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