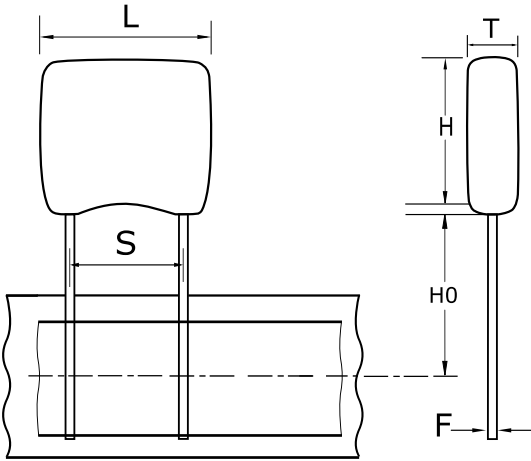


## C647C125KCR5TA7303

Aliases (C647C125KCR5TATR)

GoldMax 600 Comm X7R HV, Ceramic, 1.2 uF, 10%, 500 VDC, X7R,  
GoldMax, Commercial Standard, 12.06 mm



Click [here](#) for the 3D model.

### 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
Lead	Wire Leads
Failure Rate	N/A
AEC-Q200	No
Halogen Free	Yes

### Dimensions

L	14.5mm MAX
H	12.7mm MAX
T	6.89mm MAX
S	12.06mm NOM
H0	18mm MIN
F	0.64mm NOM

### Packaging Specifications

Packaging	T&R, 305mm
Packaging Quantity	500

### Specifications

Capacitance	1.2 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	0.15, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	830 MOhms

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