

C648C105KCR5TA

GoldMax 600 Comm X7R HV, Ceramic, 1 uF, 10%, 500 VDC, X7R, GoldMax, Commercial Standard, Lead Spacing = 12.06mm



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

Dimensions

L	14.5mm MAX
H	18.28mm MAX
T	6.89mm MAX
S	12.06mm 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	1 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	1 GOhms