

## C640C682KCR5HA

GoldMax 600 Comm X7R HV, Ceramic, 6,800 pF, 10%, 500 VDC, X7R, GoldMax, Commercial Standard, 10.16 mm



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

### General Information

Series	GoldMax 600 Comm X7R HV
Style	Radial
Description	GoldMax, Commercial Standard
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	54ffb58c-50e6-4bd6-beb9-39b7b0b26104
Termination	Lead (SnPb)
Lead	Wire Leads
Failure Rate	N/A
AEC-Q200	No
Halogen Free	Yes

### Specifications

Capacitance	6,800 pF
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% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

### Dimensions

L	14mm MAX
H	7.11mm MAX
T	6.35mm MAX
S	10.16mm NOM
LL	7mm MIN
F	0.64mm NOM

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	50

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