

# **C327C682K1R5TA7301**

GoldMax 300 Comm X7R, Ceramic, 6800 pF, 10%, 100 VDC, X7R, GoldMax, Commercial Standard, Lead Spacing = 5.08mm

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

### Dimensions

L 5.08mm MAX  
H 8.13mm MAX  
T 3.18mm MAX  
S 5.08mm +/-0.78mm  
H0 16mm +/-0.5mm  
F 0.51mm +0.1/-0.025mm  
E 6.86mm NOM

### Packaging Specifications

Packaging T&R, 305mm  
Packaging Quantity 2500

### General Information

Series GoldMax 300 Comm X7R  
Style Radial  
Description GoldMax, Commercial Standard  
RoHS Yes  
Termination Tin  
Failure Rate N/A  
AEC-Q200 No  
Halogen Free Yes

### Specifications

Capacitance	6800 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 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
Insulation Resistance	100 GOhms

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.

Generated 5/18/2023 - 43647264-f720-4b4b-ac6f-437c6677fc5f  
© 2006 - 2023 KEMET  
Generated 5/18/2023 - 43647264-f720-4b4b-ac6f-437c6677fc5f  
© 2006 - 2023 KEMET