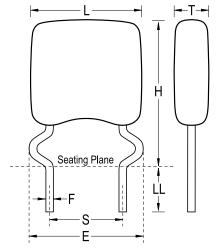


## C316C222K5R5HA

GoldMax 300 Comm X7R, Ceramic, 2,200 pF, 10%, 50 VDC, X7R, GoldMax, Commercial Standard, 2.54 mm



Click here for the 3D model.

| General Information |   |
|---------------------|---|
| Series              | GoldMax 300 Comm X7R  |
| Style               | Radial  |
| Description         | GoldMax, Commercial Standard  |
| RoHS                | No  |
| Prop 65             | WARNING: Cancer and<br>reproductive harm -<br>https://www.p65warnings.ca.gov<br>/ |
| SCIP Number         | d4c83dcf-0af3-4f6a-8c42-c84<br>Ocabd6f5b  |
| Termination         | Lead (SnPb)   |
| Lead                | Crimped Out   |
| Failure Rate        | N/A   |
| AEC-Q200            | No  |
| Halogen Free        | Yes   |

| Dimensions |                      |
|------------|----------------------|
| L          | 3.81mm MAX           |
| н          | 5.84mm MAX           |
| Т          | 2.54mm MAX           |
| S          | 2.54mm +/-0.78mm     |
| LL         | 5.08mm MIN           |
| F          | 0.51mm +0.1/-0.025mm |
| Е          | 5.08mm NOM           |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 500       |

| Specifications   |                     |
|--|---------------------|
| Capacitance  | 2,200 pF            |
| Measurement Condition  | 1 kHz 1.0Vrms       |
| Tolerance  | 10%                 |
| Voltage DC   | 50 VDC              |
| Dielectric Withstanding Voltage  | 125 VDC             |
| Temperature Range  | -55/+125°C          |
| Temp. Coefficient  | X7R                 |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | 0.15, 1kHz 1.0Vrms  |
| Dissipation Factor   | 2.5%1kHz1.0Vrms     |
| 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.