

C0603T222J1GCLTU

Aliases (C0603T222J1GCL7867)

SMD COTS COG, Ceramic, 2200 pF, 5%, 100 VDC, COG, SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class I, 0603



Click here for the 3D model.

| Dimensions | |
|------------|------------------|
| Chip Size | 0603 |
| L | 1.6mm +/-0.15mm |
| W | 0.8mm +/-0.15mm |
| Т | 0.8mm +/-0.07mm |
| S | 0.7mm MIN |
| В | 0.35mm +/-0.15mm |

| Packaging Specifications | |
|--------------------------|--|
| Packaging | |

Packaging Quantity

T&R, 180mm, Paper Tape 4000

| General Information | | |
|---------------------|---|--|
| Series | SMD COTS COG | |
| Style | SMD Chip | |
| Description | SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class I | |
| Features | Ultra-Stable, Low Loss, Class I | |
| RoHS | No | |
| Prop 65 | A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov. | |
| SCIP Number | 2d771165-5336-48a3-96fa-3663929fd828 | |
| Termination | Lead (SnPb) | |
| Marking | No | |
| Failure Rate | Testing per MIL-PRF-55681 PDA 8%, DPA per EIA- 469, Humidity per MIL-STD-202, Method 103, Condition A | |
| AEC-Q200 | No | |
| Component Weight | 3.7 mg | |
| Shelf Life | 78 Weeks | |
| MSL | 1 | |

| Specifications | |
|---|---------------------------|
| Capacitance | 2200 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 5% |
| Voltage DC | 100 VDC |
| Dielectric Withstanding Voltage | 250 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | COG |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1kHz 1.0Vrms |
| Dissipation Factor | 0.1% 1 kHz 1.0Vrms |
| Aging Rate | 0% 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.