

C1206T332F1GCLTU

Aliases (C1206T332F1GCL7800)

SMD COTS COG, Ceramic, 3300 pF, 1%, 100 VDC, COG, SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class I, 1206



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| Chip Size | 1206 |
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| Т | 1.1mm +/-0.10mm |
| В | 0.5mm +/-0.25mm |

| Packaging Specifications | | |
|--------------------------|--------------------------|--|
| Packaging | T&R, 180mm, Plastic Tape | |
| Packaging Quantity | 2500 | |

| 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 | ▲ 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 | 25 mg | |
| Shelf Life | 78 Weeks | |
| MSL | 1 | |

| Specifications | |
|--|---------------------------|
| Capacitance | 3300 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 1% |
| 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 |

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