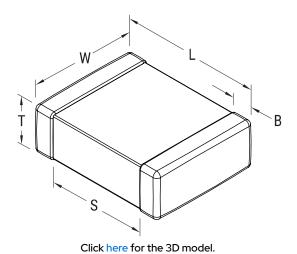


C1206C332GATACTU

Aliases (C1206C332GATAC7800)

SMD Comm X8G HT150C, Ceramic, 3,300 pF, 2%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 1206, 1.5 mm



| General Information | | | | |
|--------------------------|--|--|--|--|
| Series | SMD Comm X8G HT150C | | | |
| Style | SMD Chip | | | |
| Description | SMD, MLCC, High Temperature, Ultra-Stable | | | |
| Features | High Temperature, Ultra-Stable | | | |
| RoHS | Yes | | | |
| Termination | Tin | | | |
| Marking | No | | | |
| AEC-Q200 | No | | | |
| Typical Component Weight | 15 mg | | | |
| Shelf Life | 78 Weeks | | | |
| MSL | 1 | | | |

3,300 pF

100 GOhms

| Dimensions | |
|------------|------------------|
| Chip Size | 1206 |
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| Т | 0.78mm +/-0.10mm |
| S | 1.5mm MIN |
| В | 0.5mm +/-0.25mm |
| | |

| 3.2mm +/-0.2mm | Measurement Condition | 1 kHz 1.0Vrms |
|--------------------------|---|---------------------|
| 1.6mm +/-0.2mm | Tolerance | 2% |
| 0.78mm +/-0.10mm | Voltage DC | 250 VDC |
| 1.5mm MIN | Dielectric Withstanding Voltage | 625 VDC |
| 0.5mm +/-0.25mm | Temperature Range | -55/+150°C |
| | Temp. Coefficient | X8G |
| | Capacitance Change with | 30 ppm/C, 1kHz 1.0V |
| T&R, 180mm, Plastic Tape | Reference to +25°C and 0 VDC Applied (TCC) | |
| 4000 | 11 - 1 | |

Insulation Resistance

Specifications

Capacitance

| | , | | |
|--------------------------|--------------------------|---|--|
| Т | 0.78mm +/-0.10mm | Voltage DC | 250 VDC |
| S | 1.5mm MIN | Dielectric Withstanding Voltage | 625 VDC |
| В | 0.5mm +/-0.25mm | Temperature Range | -55/+150°C |
| | | Temp. Coefficient | X8G |
| Packaging Specifications | | Capacitance Change with | 30 ppm/C, 1kHz 1.0Vrms |
| Packaging | T&R, 180mm, Plastic Tape | Reference to +25°C and 0 VDC Applied (TCC) | ., , |
| Packaging Quantity 4000 | Dissipation Factor | 0.1% 1 kHz 1.0Vrms | |
| | | Aging Rate | 0% Loss/Decade Hour: Referee Time is 1000 Hours |

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.

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