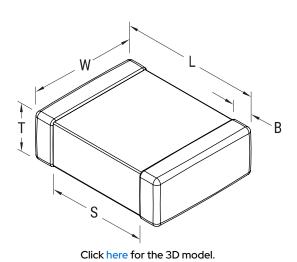




SMD Comm X8G HT150C, Ceramic, 1,000 pF, 2%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 1812, 2.3 mm



| General Information      |  |
|--------------------------|--|
| Series                   | SMD Comm X8G HT150C                          |
| Style                    | SMD Chip                                     |
| Description              | SMD, MLCC, High Temperature,<br>Ultra-Stable |
| Features                 | High Temperature, Ultra-Stable               |
| RoHS                     | Yes  |
| Termination              | Tin  |
| Marking                  | No   |
| AEC-Q200                 | No   |
| Typical Component Weight | 67 mg  |
| Shelf Life               | 78 Weeks                                     |
| MSL                      | 1  |

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 1812            |
| L          | 4.5mm +/-0.3mm  |
| W          | 3.2mm +/-0.3mm  |
| Т          | 1mm +/-0.10mm   |
| S          | 2.3mm MIN       |
| В          | 0.6mm +/-0.35mm |
|            |                 |

| VV                       | 3.211111 +/ -0.311111 |
|--------------------------|-----------------------|
| Т                        | 1mm +/-0.10mm         |
| S                        | 2.3mm MIN             |
| В                        | 0.6mm +/-0.35mm       |
|                          |                       |
| Packaging Specifications |                       |

4000

Packaging

Packaging Quantity

T&R, 330mm, Plastic Tape

| Specifications   |  |
|--|--|
| Capacitance  | 1,000 pF   |
| Measurement Condition  | 1 MHz 1.0Vrms                                      |
| Tolerance  | 2%   |
| Voltage DC   | 250 VDC  |
| Dielectric Withstanding Voltage  | 625 VDC  |
| Temperature Range  | -55/+150°C   |
| Temp. Coefficient  | X8G  |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | 30 ppm/C, 1MegaHz 1.0Vrms                          |
| Dissipation Factor   | 0.1% 1 MHz 1.0Vrms                                 |
| Aging Rate   | 0% Loss/Decade Hour: Referee<br>Time is 1000 Hours |
| 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  |
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