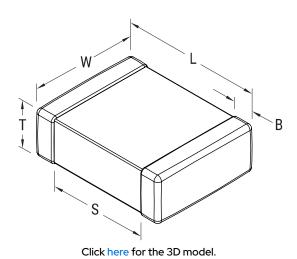




SMD Comm X8G HT150C Flex, Ceramic, 13 pF, 1%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 1210, 1.5 mm



| General Information      |  |
|--------------------------|--|
| Series                   | SMD Comm X8G HT150C Flex                     |
| Style                    | SMD Chip                                     |
| Description              | SMD, MLCC, High Temperature,<br>Ultra-Stable |
| Features                 | High Temperature, Ultra-Stable               |
| RoHS                     | Yes  |
| Termination              | Flexible Termination                         |
| Marking                  | No   |
| AEC-Q200                 | No   |
| Typical Component Weight | 30 mg  |
| Shelf Life               | 78 Weeks                                     |
| MSL                      | 1  |

| Dimensions |                  |
|------------|------------------|
| Chip Size  | 1210             |
| L          | 3.3mm +/-0.4mm   |
| W          | 2.6mm +/-0.3mm   |
| Т          | 0.78mm +/-0.20mm |
| S          | 1.5mm MIN        |
| В          | 0.6mm +/-0.25mm  |
| R          | U.6mm +/-U.25mm  |

| Packaging Specifications |                                 | Ca   |
|--------------------------|---------------------------------|------|
|                          |                                 | Te   |
| В                        | 0.6mm +/-0.25mm                 | Te   |
| S                        | 1.5mm MIN                       | Die  |
| T                        | 0.78mm +/-0.20mm                | Vo   |
| W                        | 2.6mm +/-0.3mm                  | То   |
| _                        | 3.5Hill ·/ O. <del>4</del> Hill | 1410 |

| Specifications   |  |  |
|--|--|--|
| Capacitance  | 13 pF  |  |
| Measurement Condition  | 1 MHz 1.0Vrms                                      |  |
| Tolerance  | 1%   |  |
| 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  |  |

| Packaging          | T&R, 330mm, Plastic Tape | Reference to +25°C and 0 VDC<br>Applied (TCC) |
|--------------------|--------------------------|---|
| Packaging Quantity | 10000                    | Dissipation Factor                            |
|                    |                          | Aging Rate                                    |

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