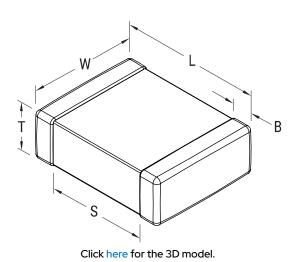




SMD Comm X8G HT150C Flex, Ceramic, 1,200 pF, 5%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 1812, 2.3 mm



| 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 | 67 mg  |
| Shelf Life               | 78 Weeks                                     |
| MSL                      | 1  |

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 1812            |
| L          | 4.5mm +/-0.4mm  |
| W          | 3.2mm +/-0.3mm  |
| Т          | 1mm +/-0.10mm   |
| S          | 2.3mm MIN       |
| В          | 0.7mm +/-0.35mm |
|            |                 |

| W                        | 3.2mm +/-0.3mm  |
|--------------------------|-----------------|
| T                        | 1mm +/-0.10mm   |
| S                        | 2.3mm MIN       |
| В                        | 0.7mm +/-0.35mm |
|                          |                 |
| Packaging Specifications |                 |

| Spe | ecifications   |  |
|-----|--|--|
| Cap | oacitance  | 1,200 pF   |
| Me  | asurement Condition  | 1 kHz 1.0Vrms                                      |
| Tol | erance   | 5%   |
| Vol | tage DC  | 250 VDC  |
| Die | lectric Withstanding Voltage                                       | 625 VDC  |
| Ter | nperature Range  | -55/+150°C   |
| Ter | np. Coefficient  | X8G  |
| Ref | pacitance Change with<br>Ference to +25°C and 0 VDC<br>plied (TCC) | 30 ppm/C, 1kHz 1.0Vrms                             |
| Dis | sipation Factor  | 0.1% 1 kHz 1.0Vrms                                 |
| Agi | ing Rate   | 0% Loss/Decade Hour: Referee<br>Time is 1000 Hours |
| Ins | ulation Resistance   | 100 GOhms  |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging                | T&R, 330mm, Plastic Tape |
| Packaging Quantity       | 4000                     |

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