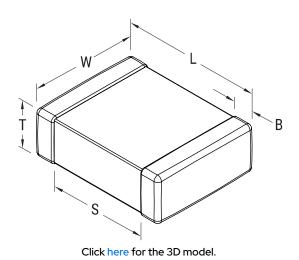




SMD Comm X8G HT150C, Ceramic, 330 pF, 1%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 0603, 0.5 mm



| 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 | 3.7 mg | | |
| Shelf Life | 78 Weeks | | |
| MSL | 1 | | |

| Dimensions | |
|------------|------------------|
| Chip Size | 0603 |
| L | 1.6mm +/-0.15mm |
| W | 0.8mm +/-0.15mm |
| Т | 0.8mm +/-0.07mm |
| S | 0.5mm MIN |
| В | 0.35mm +/-0.15mm |
| | |

| T | 0.8mm +/-0.07mm |
|--------------------------|------------------|
| S | 0.5mm MIN |
| В | 0.35mm +/-0.15mm |
| | |
| Packaging Specifications | |

| Specifications | | |
|--|--|--|
| Capacitance | 330 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 Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1MegaHz 1.0Vrms | |
| Dissipation Factor | 0.1% 1 MHz 1.0Vrms | |
| Aging Rate | 0% Loss/Decade Hour: Referee Time is 1000 Hours | |
| Insulation Resistance | 100 GOhms | |

| Packaging T&R, 330mm, Paper Tape Packaging Quantity 15000 | Reference to +25°C and 0 VDC Applied (TCC) | 3 | |
|---|---|-----------------------|--|
| | 15000 | Dissipation Factor | 0.1% 1 MHz 1.0Vrms |
| | | Aging Rate | 0% Loss/Decade Hour: Referee Time is 1000 Hours |
| | | Insulation Resistance | 100 GOhms |
| | | | |

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