



Click [here](#) for the 3D model.

General Information

| | |
|--------------------------|--|
| Series | SMD Comm X8R HT150C Flex |
| Style | SMD Chip |
| Description | SMD, MLCC, High Temperature, Ultra-Stable |
| Features | Ultra-Stable |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| Termination | Flexible Termination With Lead (SnPb) |
| Marking | false |
| AEC-Q200 | No |
| Typical Component Weight | 50 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

Specifications

| | |
|--|---|
| Capacitance | 0.01 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 25 VDC |
| Dielectric Withstanding Voltage | 62.5 VDC |
| Temperature Range | -55/+150°C |
| Temperature Coefficient | X8R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms |
| Dissipation Factor | 2.5% 1 kHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 100 GOhms |

| Dimensions | |
|------------|-----------------|
| Chip Size | 1210 |
| L | 3.3mm +/-0.4mm |
| W | 2.6mm +/-0.3mm |
| T | 1.1mm +/-0.15mm |
| S | 1.5mm MIN |
| B | 0.6mm +/-0.25mm |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging | T&R, 330mm, Plastic Tape |
| Packaging Quantity | 10000 |

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