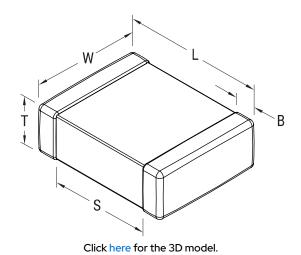


C1812C103KATAC7210

SMD Comm X8G HT150C, Ceramic, 0.01 uF, 10%, 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, 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 | | Sp |
|------------|-----------------|-----|
| Chip Size | 1812 | Ca |
| L | 4.5mm +/-0.3mm | Me |
| W | 3.2mm +/-0.3mm | То |
| т | 1mm +/-0.10mm | Vo |
| S | 2.3mm MIN | Die |
| В | 0.6mm +/-0.35mm | Те |
| | | То |

Packaging Specifications Р

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

| Specifications | |
|--|--|
| Capacitance | 0.01 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 10% |
| 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, 1kHz 1.0Vrms |
| Dissipation Factor | 0.1% 1 kHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 100 GOhms |

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