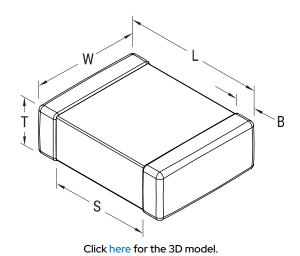


C1210X512KATACTU

Aliases (C1210X512KATAC7800) SMD Comm X8G HT150C Flex, Ceramic, 5,100 pF, 10%, 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, Ultra-Stable |
| Features | High Temperature, Ultra-Stable |
| RoHS | Yes |
| Termination | Flexible Termination |
| Marking | No |
| AEC-Q200 | No |
| Typical Component Weight | 40 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

100 GOhms

| | Specifications | |
|--------------------|--|--|
| | Capacitance | 5,100 pF |
| +/-0.4mm | Measurement Condition | 1 kHz 1.0Vrms |
| +/-0.3mm | Tolerance | 10% |
| n +/-0.20mm | Voltage DC | 250 VDC |
| MIN | Dielectric Withstanding Voltage | 625 VDC |
| n +/-0.25mm | Temperature Range | -55/+150°C |
| | Temp. Coefficient | X8G |
| 30mm, Plastic Tape | 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

Dimensions 1210

| L | 3.3mm +/-0.4mm |
|---|------------------|
| W | 2.6mm +/-0.3mm |
| т | 1.25mm +/-0.20mm |
| S | 1.5mm MIN |
| В | 0.6mm +/-0.25mm |

Packaging Specifications Packaging

Packaging Quantity

Chip Size

T&R, 180 2500

| Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and |
|--|
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