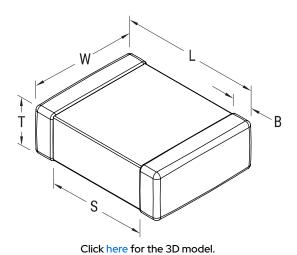


## **C1210C122JATACTU**

Aliases (C1210C122JATAC7800)

SMD Comm X8G HT150C, Ceramic, 1,200 pF, 5%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 1210, 1.5 mm



| General Information      |  |
|--------------------------|--|
| Series                   | SMD Comm X8G HT150C                          |
| Style                    | SMD Chip                                     |
| Description              | SMD, MLCC, High Temperature,<br>Ultra-Stable |
| Features                 | High Temperature, Ultra-Stable               |
| RoHS                     | Yes  |
| Termination              | Tin  |
| Marking                  | No   |
| AEC-Q200                 | No   |
| Typical Component Weight | 30 mg  |
| Shelf Life               | 78 Weeks                                     |
| MSL                      | 1  |

| Dimensions |                  |
|------------|------------------|
| Chip Size  | 1210             |
| L          | 3.2mm +/-0.2mm   |
| W          | 2.5mm +/-0.2mm   |
| Т          | 0.78mm +/-0.10mm |
| S          | 1.5mm MIN        |
| В          | 0.5mm +/-0.25mm  |
|            |                  |

| _                        | 3.2.mm / 3.2.mm          | Tricusarement Contaction                      | 110 12 1.0 111115      |
|--------------------------|--------------------------|---|------------------------|
| W                        | 2.5mm +/-0.2mm           | Tolerance                                     | 5%                     |
| Т                        | 0.78mm +/-0.10mm         | Voltage DC                                    | 250 VDC                |
| S                        | 1.5mm MIN                | Dielectric Withstanding Voltage               | 625 VDC                |
| В                        | 0.5mm +/-0.25mm          | Temperature Range                             | -55/+150°C             |
|                          |                          | Temp. Coefficient                             | X8G                    |
| Packaging Specifications |                          | Capacitance Change with                       | 30 ppm/C, 1kHz         |
| Packaging                | T&R, 180mm, Plastic Tape | Reference to +25°C and 0 VDC<br>Applied (TCC) |                        |
| Packaging Quantity       | 4000                     | Dissipation Factor                            | O 10/, 1 l-l⊔= 1 O\/rs |

| Specifications   |  |
|--|--|
| Capacitance  | 1,200 pF   |
| Measurement Condition  | 1 kHz 1.0Vrms                                      |
| Tolerance  | 5%   |
| Voltage DC   | 250 VDC  |
| Dielectric Withstanding Voltage  | 625 VDC  |
| Temperature Range  | -55/+150°C   |
| Temp. Coefficient  | X8G  |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | 30 ppm/C, 1kHz 1.0Vrms                             |
| Dissipation Factor   | 0.1% 1 kHz 1.0Vrms                                 |
| Aging Rate   | 0% Loss/Decade Hour: Referee<br>Time is 1000 Hours |
| Insulation Resistance  | 100 GOhms  |

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