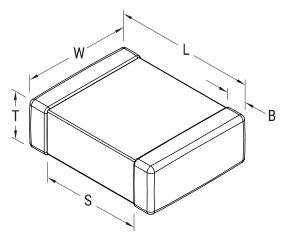


## C1210C822JBTACAUTO

SMD Auto X8G HVHT150C, Ceramic, 8,200 pF, 5%, 630 VDC, X8G, SMD, MLCC, High Voltage, High Temperature, Ultra-Stable, Automotive Grade, 1210, 1.5 mm



Click here for the 3D model.

| General Information      |   |
|--------------------------|---|
| Series                   | SMD Auto X8G HVHT150C   |
| Style                    | SMD Chip  |
| Description              | SMD, MLCC, High Voltage, High<br>Temperature, Ultra-Stable,<br>Automotive Grade |
| Features                 | High Temperature, Ultra-Stable,<br>Automotive Grade                             |
| RoHS                     | Yes   |
| Termination              | Tin   |
| Marking                  | No  |
| Qualifications           | AEC-Q200  |
| AEC-Q200                 | Yes   |
| Typical Component Weight | 40 mg   |
| Shelf Life               | 78 Weeks  |
| MSL                      | 1   |

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 1210            |
| L          | 3.2mm +/-0.2mm  |
| W          | 2.5mm +/-0.2mm  |
| т          | 1.1mm +/-0.10mm |
| S          | 1.5mm MIN       |
| В          | 0.5mm +/-0.25mm |
|            |                 |

T&R, 180mm, Plastic Tape

2500

## Packaging Specifications

Packaging Packaging Quantity

Specifications Capacitance 8,200 pF Measurement Condition 1 kHz 1.0Vrms Tolerance 5% Voltage DC 630 VDC 819 VDC **Dielectric Withstanding Voltage Temperature Range** -55/+150°C Temp. Coefficient X8G Capacitance Change with Reference to +25°C and 0 VDC 30 ppm/C, 1kHz 1.0Vrms Applied (TCC) **Dissipation Factor** 0.1%1 kHz 1.0Vrms 0% Loss/Decade Hour: Referee Time is 1000 Hours Aging Rate Insulation Resistance 100 GOhms

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