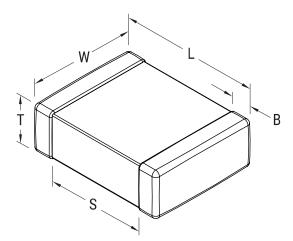


C2220X103G1TACAUTO

SMD Auto X8G HT150C Flex, Ceramic, 0.01 uF, 2%, 100 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 2220, 3.5 mm



Click here for the 3D model.

| General Information | |
|--------------------------|--|
| Series | SMD Auto X8G HT150C Flex |
| Style | SMD Chip |
| Description | SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade |
| Features | High Temperature, Ultra-Stable, Automotive Grade |
| RoHS | Yes |
| Termination | Flexible Termination |
| Marking | No |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 190 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|------------|-----------------|
| Chip Size | 2220 |
| L | 5.9mm +/-0.75mm |
| W | 5mm +/-0.4mm |
| т | 1.4mm +/-0.15mm |
| S | 3.5mm MIN |
| В | 0.7mm +/-0.35mm |
| | |

Packaging Specifications

| Packaging | T&R, 180mm, Plastic Tape |
|--------------------|--------------------------|
| Packaging Quantity | 1000 |

| Specifications | |
|--|--|
| Capacitance | 0.01 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 2% |
| Voltage DC | 100 VDC |
| Dielectric Withstanding Voltage | 250 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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