

C0603C132MATACAUTO7411

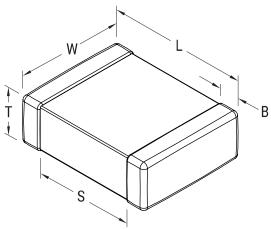
SMD Auto X8G HT150C, Ceramic, 1,300 pF, 20%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 0603, 0.5 mm

SMD Auto X8G HT150C

SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade

SMD Chip





| S Click here for the 3D model. | Features | High Temperature, Ultra-Stable, Automotive Grade |
|--------------------------------|--------------------------|---|
| | RoHS | Yes |
| | Termination | Tin |
| | Marking | No |
| | Qualifications | AEC-Q200 |
| | AEC-Q200 | Yes |
| | Typical Component Weight | 4.6 mg |
| | Shelf Life | 78 Weeks |
| | MSI | 1 |

General Information

Series

Style

Description

| Dimensions | |
|------------|------------------|
| Chip Size | 0603 |
| L | 1.6mm +/-0.15mm |
| W | 0.8mm +/-0.15mm |
| Т | 0.85mm +/-0.07mm |
| S | 0.5mm MIN |
| В | 0.35mm +/-0.15mm |
| | |

| Packaging Specifications | |
|--------------------------|------------------------|
| Packaging | T&R, 330mm, Paper Tape |
| Packaging Quantity | 10000 |

| Specifications | |
|--|--|
| Capacitance | 1,300 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 20% |
| 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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