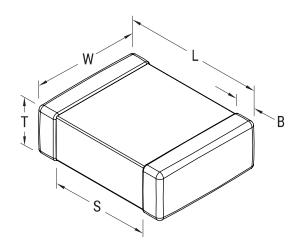


C0805X682MATACTU

Aliases (C0805X682MATAC7800) SMD Comm X8G HT150C Flex, Ceramic, 6,800 pF, 20%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 0805, 0.6 mm



Click here for the 3D model.

| 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 | 14 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|--|--|
| Capacitance | 6,800 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 |

 Dimensions

 Chip Size
 0805

 L
 2mm +/-0.3mm

 W
 1.25mm +/-0.3mm

 T
 1.25mm +/-0.15mm

 S
 0.6mm MIN

 B
 0.5mm +/-0.25mm

Packaging Specifications Packaging

PackagingT&R, 180mm, Plastic TapePackaging Quantity2500

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