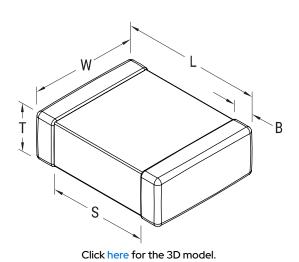




SMD Comm X8G HT150C Flex, Ceramic, 0.082 uF, 1%, 200 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 1812, 2.3 mm



| 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 | 87 mg | |
| Shelf Life | 78 Weeks | |
| MSL | 1 | |

0.082 uF

1 kHz 1.0Vrms

| Dimensions | |
|------------|-----------------|
| Chip Size | 1812 |
| L | 4.5mm +/-0.4mm |
| W | 3.2mm +/-0.3mm |
| Т | 2mm +/-0.20mm |
| S | 2.3mm MIN |
| В | 0.7mm +/-0.35mm |
| | |

| W | 3.2mm +/-0.3mm |
|--------------------------|-----------------|
| Т | 2mm +/-0.20mm |
| S | 2.3mm MIN |
| В | 0.7mm +/-0.35mm |
| | |
| Packaging Specifications | |

| W | 3.2mm +/-0.3mm | Tolerance | 1% |
|--------------------------|------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------|
| Т | 2mm +/-0.20mm | Voltage DC | 200 VDC |
| S | 2.3mm MIN | Dielectric Withstanding Voltage | 500 VDC |
| В | 0.7mm +/-0.35mm | Temperature Range | -55/+150°C |
| | | Temp. Coefficient | X8G |
| Packaging Specifications | | Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1kHz 1.0Vrms 0.1% 1 kHz 1.0Vrms |
| Packaging | T&R, 330mm, Plastic Tape | | |
| Packaging Quantity | 2000 Dissipation Factor Aging Rate | , | |
| | | Aging Rate | 0% Loss/Decade Hour: Referee Time is 1000 Hours |
| | | Insulation Resistance | 12.1951 GOhms |

Specifications

Measurement Condition

Capacitance

| Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained. |
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