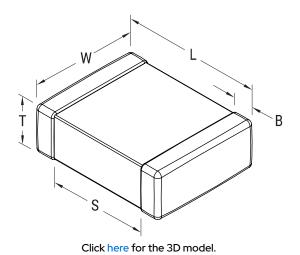


C2220C153G5TACTU

Aliases (C2220C153G5TAC7800) SMD Comm X8G HT150C, Ceramic, 0.015 uF, 2%, 50 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 2220, 3.5 mm



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

| Dimensions | |
|------------|-----------------|
| Chip Size | 2220 |
| L | 5.7mm +/-0.4mm |
| W | 5mm +/-0.4mm |
| Т | 1.4mm +/-0.15mm |
| S | 3.5mm MIN |
| В | 0.6mm +/-0.35mm |
| | |

| W | | 5mm +/-0.4mm |
|----|-------------------------|-----------------|
| Т | | 1.4mm +/-0.15mm |
| S | | 3.5mm MIN |
| В | | 0.6mm +/-0.35mm |
| | | |
| Pa | ackaging Specifications | |

1000

Packaging

Packaging Quantity

T&R, 180mm, Plastic Tape

| Specifications | |
|--------------------------------------------------------------------------|----------------------------------------------------|
| Capacitance | 0.015 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 2% |
| Voltage DC | 50 VDC |
| Dielectric Withstanding Voltage | 125 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 | 66.6667 GOhms |

| 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 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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