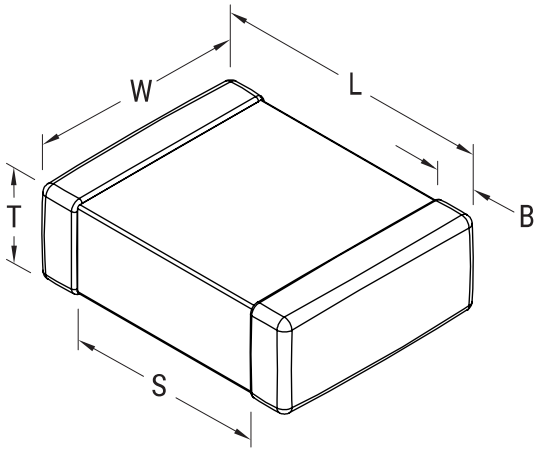
# C2225C202MGGACTU

Aliases (C2225C202MGGAC7800)

SMD Comm C0G HV, Ceramic, 2,000 pF, 20%, 2,000 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 2225, 3.2 mm




Click here for the 3D model.

| General Information | |
|---|---|
| Series | SMD Comm C0G HV |
| Style | SMD Chip |
| Description | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| Features | Ultra-Stable, Low Loss, Class I |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| AEC-Q200 | No |
| Typical Component Weight | 300 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|---|---|
| Chip Size | 2225 |
| L | 5.6mm +/-0.4mm |
| W | 6.4mm +/-0.4mm |
| T | 1.4mm +/-0.15mm |
| S | 3.2mm MIN |
| B | 0.6mm +/-0.35mm |

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

| Specifications | |
|---|---|
| Capacitance | 2,000 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 20% |
| Voltage DC | 2000 VDC |
| Dielectric Withstanding Voltage | 2,400 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | C0G |
| 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 |
| Insulation Resistance | 100 GOhms |