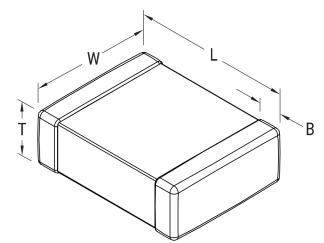


C2220H102KGGALTU

Aliases (C2220H102KGGAL7800)

SMD Indust COG HVHT200C, Ceramic, 1000 pF, 10%, 2000 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 2220



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| Chip Size | 2220 |
| L | 5.7mm +/-0.4mm |
| W | 5mm +/-0.4mm |
| Т | 1.6mm +/-0.20mm |
| В | 0.6mm +/-0.35mm |

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

| General Information | | |
|---------------------|---|--|
| Series | SMD Indust COG HVHT200C | |
| Style | SMD Chip | |
| Description | SMD, MLCC, High Temperature, Ultra-Stable, Low Loss | |
| Features | High Temp, Ultra-Stable, Low Loss | |
| RoHS | No | |
| Prop 65 | WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov. | |
| SCIP Number | 9e3986f4-2e64-4a5f-b9fd-b9e3c7d21980 | |
| Termination | Lead (SnPb) | |
| Marking | No | |
| AEC-Q200 | No | |
| Component Weight | 190 mg | |
| Shelf Life | 78 Weeks | |
| MSL | 1 | |

| Specifications | |
|---|------------------------------|
| Capacitance | 1000 pF |
| Measurement Condition | 1 MHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 2000 VDC |
| Dielectric Withstanding Voltage | 2400 VDC |
| Temperature Range | -55/+200°C |
| Temperature Coefficient | COG |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1MegaHz 1.0Vrms |
| Dissipation Factor | 0.1% 1 MHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour |
| Insulation Resistance | 100 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 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.