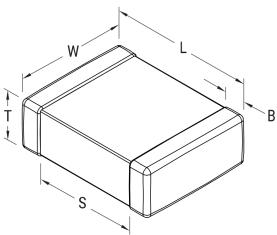


C1812H302FCGAL7210

SMD Indust COG HVHT200C, Ceramic, 3000 pF, 1%, 500 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 1812



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| Chip Size | 1812 |
| L | 4.5mm +/-0.3mm |
| W | 3.2mm +/-0.3mm |
| Т | 1.6mm +/-0.20mm |
| S | 2.3mm MIN |
| В | 0.6mm +/-0.35mm |

| Packaging Specifications | | |
|--------------------------|--------------------------|--|
| Packaging | T&R, 330mm, Plastic Tape | |
| Packaging Quantity | 4000 | |

| 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. |
| Termination | Lead (SnPb) |
| Marking | false |
| AEC-Q200 | No |
| Typical Component Weight | 87 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |
| | |

| Specifications | |
|--|---------------------------|
| Capacitance | 3000 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 1% |
| Voltage DC | 500 VDC |
| Dielectric Withstanding Voltage | 750 VDC |
| Temperature Range | -55/+200°C |
| Temperature Coefficient | COG |
| 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 |

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.