



Click [here](#) for the 3D model.

General Information

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| 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 - https://www.p65warnings.ca.gov/ |
| Termination | Lead (SnPb) |
| Marking | false |
| AEC-Q200 | No |
| Typical Component Weight | 81 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

Specifications

| | |
|--|---------------------------|
| Capacitance | 27 pF |
| Measurement Condition | 1 MHz 1.0Vrms |
| Capacitance Tolerance | 1% |
| 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 |

Dimensions

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|-----------|-----------------|
| Chip Size | 1808 |
| L | 4.7mm +/-0.5mm |
| W | 2mm +/-0.2mm |
| T | 1.6mm +/-0.15mm |
| S | 2.9mm MIN |
| B | 0.6mm +/-0.35mm |

Packaging Specifications

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|--------------------|----------|
| Packaging | Cut Reel |
| Packaging Quantity | 1000 |

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