



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

**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                  | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a> |
| Termination              | Lead (SnPb)  |
| Marking                  | false  |
| AEC-Q200                 | No   |
| Typical Component Weight | 400 mg   |
| Shelf Life               | 78 Weeks   |
| MSL                      | 1  |

**Dimensions**

|           |                 |
|-----------|-----------------|
| Chip Size | 2824            |
| L         | 7.1mm +/-0.4mm  |
| W         | 6.1mm +/-0.4mm  |
| T         | 2mm +/-0.20mm   |
| S         | 4.2mm MIN       |
| B         | 1.27mm +/-0.4mm |

**Packaging Specifications**

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

**Specifications**

|  |                        |
|--|------------------------|
| Capacitance  | 0.033 uF               |
| Measurement Condition  | 1 kHz 1.0Vrms          |
| Capacitance Tolerance  | 10%                    |
| Voltage DC   | 630 VDC                |
| Dielectric Withstanding Voltage                                    | 819 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  | 30.303 GOhms           |

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