



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

| Dimensions |                  |
|------------|------------------|
| Chip Size  | 1812             |
| L          | 4.5mm +/-0.3mm   |
| W          | 3.2mm +/-0.3mm   |
| T          | 1.25mm +/-0.15mm |
| B          | 0.6mm +/-0.35mm  |

| Packaging Specifications |          |
|--------------------------|----------|
| Packaging                | Cut Reel |
| Packaging Quantity       | 500      |

| General Information |   |
|---------------------|---|
| Series              | SMD Indust COG HT200C                               |
| Style               | SMD Chip  |
| Description         | SMD, MLCC, High Temperature, Ultra-Stable, Low Loss |
| Features            | High Temp, Ultra-Stable, Low Loss                   |
| RoHS                | Yes   |
| Termination         | Tin   |
| Marking             | No  |
| AEC-Q200            | No  |
| Component Weight    | 67 mg   |
| Shelf Life          | 78 Weeks  |
| MSL                 | 1   |

| Specifications   |                        |
|--|------------------------|
| Capacitance  | 0.1 uF                 |
| Measurement Condition  | 1 kHz 1.0Vrms          |
| Capacitance Tolerance  | 5%                     |
| Voltage DC   | 100 VDC                |
| Dielectric Withstanding Voltage                                    | 250 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% 1kHz 1.0Vrms      |
| Aging Rate   | 0% Loss/Decade Hour    |
| Insulation Resistance  | 10 GOhms               |

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