



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

| Dimensions |                  |
|------------|------------------|
| Chip Size  | 1206             |
| L          | 3.2mm +/-0.2mm   |
| W          | 1.6mm +/-0.2mm   |
| T          | 0.78mm +/-0.10mm |
| B          | 0.5mm +/-0.25mm  |

  

| Packaging Specifications |          |
|--------------------------|----------|
| Packaging                | Cut Reel |
| Packaging Quantity       | 250      |

| 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    | 15 mg   |
| Shelf Life          | 78 Weeks  |
| MSL                 | 1   |

| Specifications   |                           |
|--|---------------------------|
| Capacitance  | 820 pF                    |
| Measurement Condition  | 1 MHz 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, 1MegaHz 1.0Vrms |
| Dissipation Factor   | 0.1% 1 MHz 1.0Vrms        |
| Aging Rate   | 0% Loss/Decade Hour       |
| Insulation Resistance  | 100 GOhms                 |

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