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**General Information**

|                          |                                   |
|--------------------------|-----------------------------------|
| Series                   | CHT SMD Indust COG HT260C         |
| Style                    | SMD Chip                          |
| Description              | SMD, MLCC, High Temperature, 260C |
| Features                 | High Temperature, Low ESR         |
| RoHS                     | Yes                               |
| Termination              | Gold                              |
| Marking                  | false                             |
| AEC-Q200                 | No                                |
| Typical Component Weight | 3.7 mg                            |
| Miscellaneous            | Gold (Au) 30 - 70 micro inches.   |
| Shelf Life               | 78 Weeks                          |
| MSL                      | 1                                 |

**Specifications**

|  |                       |
|--|-----------------------|
| Capacitance  | 1500 pF               |
| Measurement Condition  | 1 kHz 1.0Vrms         |
| Capacitance Tolerance  | 5%                    |
| Voltage DC   | 25 VDC                |
| Dielectric Withstanding Voltage                                    | 62.5 VDC              |
| Temperature Range  | -55/+260°C            |
| Temperature Coefficient  | COG                   |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30PPM/C, 1kHz 1.0Vrms |
| Dissipation Factor   | 0.1% 1 kHz 1.0Vrms    |
| Aging Rate   | 0% Loss/Decade Hour   |
| Insulation Resistance  | 100 GOhms             |

**Dimensions**

|           |                  |
|-----------|------------------|
| Chip Size | 0603             |
| L         | 1.6mm +/-0.15mm  |
| W         | 0.8mm +/-0.15mm  |
| T         | 0.8mm +/-0.07mm  |
| S         | 0.5mm MIN        |
| B         | 0.35mm +/-0.15mm |

**Packaging Specifications**

|                    |          |
|--------------------|----------|
| Packaging          | Cut Reel |
| Packaging Quantity | 50       |

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