

SMD Indust COG HT200C, Ceramic, 27 pF, 5%, 100 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 0603



Dimensions

| | |
|----------|------------------|
| L | 1.6mm +/-0.15mm |
| W | 0.8mm +/-0.15mm |
| T | 0.8mm +/-0.07mm |
| S | 0.7mm MIN |
| B | 0.35mm +/-0.15mm |

Packaging Specifications

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|----------------------------|-----------|
| Packaging: | Bulk, Bag |
| Packaging Quantity: | 1 |

General Information

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|-----------------------|---|
| 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: | Gold |
| Marking: | No |
| AEC-Q200: | No |
| Miscellaneous: | Gold (Au) 100 micro inches min. |
| Chip Size: | 0603 |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

Specifications

| | |
|--|------------------------|
| Capacitance: | 27 pF, 1MHz 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, 1MHz 1.0Vrms |
| Dissipation Factor: | 0.10% 1MHz 1.0Vrms |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |

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