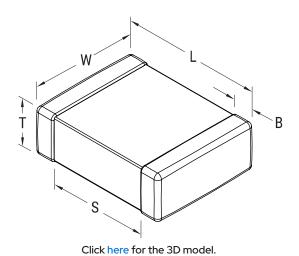


C0805C121JDGACTU

Aliases (C0805C121JDGAC7800) SMD Comm COG HV, Ceramic, 120 pF, 5%, 1,000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0805, 0.7 mm



| General Information | |
|--------------------------|---|
| Series | SMD Comm COG HV |
| Style | SMD Chip |
| Description | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| Features | Ultra-Stable, Low Loss, Class I |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| AEC-Q200 | No |
| Typical Component Weight | 14 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | | Spec |
|------------|------------------|--------|
| Chip Size | 0805 | Capa |
| L | 2mm +/-0.2mm | Meas |
| W | 1.25mm +/-0.2mm | Tolera |
| т | 1.25mm +/-0.15mm | Volta |
| S | 0.7mm MIN | Diele |
| В | 0.5mm +/-0.25mm | Temp |
| | | Temp |

Packaging Specifications

Packaging Packaging Quantity

T&R, 180mm, Plastic Tape 2500

| Specifications | |
|--|---------------------------|
| Capacitance | 120 pF |
| Measurement Condition | 1 MHz 1.0Vrms |
| Tolerance | 5% |
| Voltage DC | 1000 VDC |
| Dielectric Withstanding Voltage | 1,200 VDC |
| Temperature Range | -55/+125°C |
| Temp. 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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