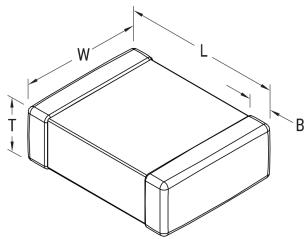


C1206C273G5GACTU

Aliases (C1206C273G5GAC7800)

SMD Comm COG, Ceramic, 0.027 uF, 2%, 50 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1206



Click here for the 3D model.

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

| Packaging Specifications | | |
|--------------------------|--------------------------|--|
| Packaging | T&R, 180mm, Plastic Tape | |
| Packaging Quantity | 4000 | |

| General Information | | |
|---------------------|--|--|
| Series | SMD Comm COG | |
| 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 | |
| Component Weight | 15 mg | |
| Shelf Life | 78 Weeks | |
| MSL | 1 | |

| Specifications | |
|--|---------------------------|
| Capacitance | 0.027 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 2% |
| Voltage DC | 50 VDC |
| Dielectric Withstanding Voltage | 125 VDC |
| Temperature Range | -55/+125°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% 1 kHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour |
| Insulation Resistance | 37.037 GOhms |

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