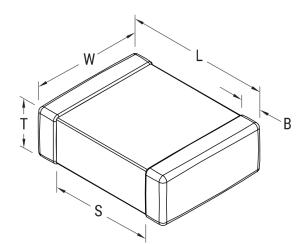


C0603C222K2GECTU

Aliases (C0603C222K2GEC7867)

ESD SMD Comm COG, Ceramic, 2200 pF, 10%, 200 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0603



Click here for the 3D model.

| Dimensions | |
|------------|------------------|
| Chip Size | 0603 |
| L | 1.6mm +/-0.15mm |
| W | 0.8mm +/-0.15mm |
| Т | 0.8mm +/-0.07mm |
| S | 0.7mm MIN |
| В | 0.35mm +/-0.15mm |

Packaging Specifications

Packaging Packaging Quantity T&R, 180mm, Paper Tape 4000

| General Information | |
|---------------------|---|
| Series | ESD SMD Comm COG |
| Style | SMD Chip |
| Description | SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I |
| Features | Temperature Stable, Low ESR, Class I |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| AEC-Q200 | No |
| Component Weight | 3.7 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Capacitance2200 pFMeasurement Condition1 kHz 1.0VrmsCapacitance Tolerance10%Voltage DC200 VDCESD Level per AEC-Q20012,000 V ESD Level |
|---|
| Capacitance Tolerance10%Voltage DC200 VDC |
| Voltage DC 200 VDC |
| |
| FSD Level per AFC-Q200 12 000 V FSD Leve |
| |
| Dielectric Withstanding Voltage 500 VDC |
| Temperature Range -55/+125°C |
| Temperature Coefficient COG |
| Capacitance Change with Reference to +25°C 30 ppm/C, 1kHz and 0 VDC Applied (TCC) 1.0Vrms |
| Dissipation Factor 0.1% 1 kHz 1.0Vrms |
| Aging Rate 0% Loss/Decade Hour |
| Insulation Resistance 100 GOhms |

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