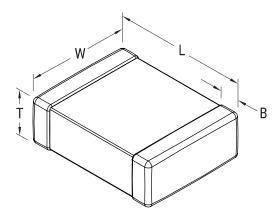
KEMET Part Number: C1206C472G5GECTU

(C1206C472G5GEC7800)



ESD SMD Comm C0G, Ceramic, 4700 pF, 2%, 50 VDC, C0G, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 1206



| 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: | ESD SMD Comm C0G | |
| 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: | 15 mg | |
| Shelf Life: | 78 Weeks | |
| MSL: | 1 | |

| Specifications | |
|---|------------------------|
| Capacitance: | 4700 pF |
| Measurement Condition: | 1 kHz 1.0Vrms |
| Capacitance Tolerance: | 2% |
| Voltage DC: | 50 VDC |
| ESD Level per AEC-Q200: | 25,000 V ESD Level |
| 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: | 100 GOhms |

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