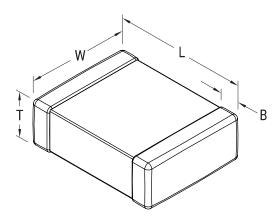
KEMET Part Number: C1206C682F3GALTU

(C1206C682F3GAL7800)



SMD Comm COG SnPb, Ceramic, 6800 pF, 1%, 25 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, 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: | SMD Comm C0G SnPb |
| Style: | SMD Chip |
| Description: | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| Features: | Ultra-Stable, Low Loss, Class I |
| RoHS: | No |
| Prop 65: SCIP Number: | warning: Cancer and reproductive harm - www.p65warnings.ca.gov. 5549986b-60cf-4a2a-afbb-4ad1d7a11dcb |
| Termination: | Lead (SnPb) |
| Marking: | No |
| AEC-Q200: | No |
| Component Weight: | 15 mg |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

| Specifications | |
|---|------------------------|
| Capacitance: | 6800 pF |
| Measurement Condition: | 1 kHz 1.0Vrms |
| Capacitance Tolerance: | 1% |
| Voltage DC: | 25 VDC |
| Dielectric Withstanding Voltage: | 62.5 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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