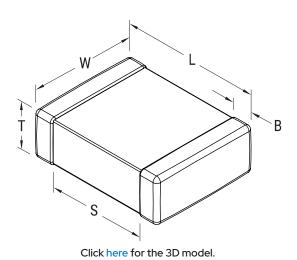




SMD Auto COG, Ceramic, 6,800 pF, 5%, 200 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 1206, 1.5 mm



| General Information | |
|--------------------------|--|
| Series | SMD Auto COG |
| Style | SMD Chip |
| Description | SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade |
| Features | Ultra-Stable, Low Loss, Automotive Grade |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 15 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|------------|------------------|
| Chip Size | 1206 |
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| Т | 0.78mm +/-0.10mm |
| S | 1.5mm MIN |
| В | 0.5mm +/-0.25mm |

| _ | 0.0 / 0.20 |
|--------------------------|--------------------------|
| | |
| Packaging Specifications | |
| Packaging | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 4000 |

| Specifications | |
|--|------------------------|
| Capacitance | 6,800 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 5% |
| Voltage DC | 200 VDC |
| Dielectric Withstanding Voltage | 500 VDC |
| Temperature Range | -55/+125°C |
| Temp. 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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