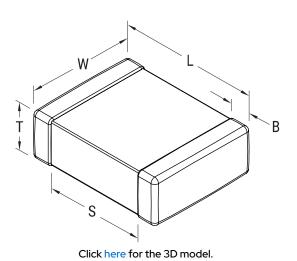




SMD Auto COG Flex, Ceramic, 1500 pF, 5%, 50 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 0805



| Concreting               |   |
|--------------------------|---|
| General Information      |   |
| Series                   | SMD Auto COG Flex                                     |
| Style                    | SMD Chip  |
| Description              | SMD, MLCC, FT-CAP, Ultra-<br>Stable, Automotive Grade |
| Features                 | FT-CAP, Ultra-Stable,<br>Automotive Grade             |
| RoHS                     | Yes   |
| Termination              | Flexible Termination                                  |
| Marking                  | false   |
| Qualifications           | AEC-Q200  |
| AEC-Q200                 | Yes   |
| Typical Component Weight | 13 mg   |
| Shelf Life               | 78 Weeks  |
| MSL                      | 1   |

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 0805            |
| L          | 2mm +/-0.3mm    |
| W          | 1.25mm +/-0.3mm |
| Т          | 0.9mm +/-0.10mm |
| S          | 0.6mm MIN       |
| В          | 0.5mm +/-0.25mm |

| S                        | 0.6mm MIN       |
|--------------------------|-----------------|
| В                        | 0.5mm +/-0.25mm |
|                          |                 |
| Packaging Specifications |                 |
|                          |                 |

**Packaging Quantity** 

4000

| Specifications   |                        |
|--|------------------------|
| Capacitance  | 1500 pF                |
| Measurement Condition  | 1 kHz 1.0Vrms          |
| Capacitance Tolerance  | 5%                     |
| Voltage DC   | 50 VDC                 |
| Dielectric Withstanding Voltage  | 125 VDC                |
| Temperature Range  | -55/+125°C             |
| Temperature Coefficient  | COG                    |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>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              |

| Ag  |
|-----|
| Inc |

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