

SMD Auto COG Flex, Ceramic, 3300 pF, 5%, 250 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 0805



### Dimensions

| Chip Size | 0805             |
|-----------|------------------|
| L         | 2mm +/-0.3mm     |
| W         | 1.25mm +/-0.3mm  |
| T         | 0.78mm +/-0.20mm |
| S         | 0.75mm MIN       |
| B         | 0.5mm +/-0.25mm  |

### Packaging Specifications

|                     |                          |
|---------------------|--------------------------|
| Packaging:          | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 4000                     |

### General Information

|                   |   |
|-------------------|---|
| Series:           | SMD Auto COG Flex                                 |
| Style:            | SMD Chip  |
| Description:      | SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade |
| Features:         | FT-CAP, Ultra-Stable, Automotive Grade            |
| RoHS:             | Yes   |
| Termination:      | Flexible Termination                              |
| Marking:          | No  |
| Qualifications:   | AEC-Q200  |
| AEC-Q200:         | Yes   |
| Component Weight: | 11 mg   |
| Shelf Life:       | 78 Weeks  |
| MSL:              | 1   |

### Specifications

|   |                        |
|---|------------------------|
| Capacitance:  | 3300 pF                |
| Measurement Condition:  | 1 kHz 1.0Vrms          |
| Capacitance Tolerance:  | 5%                     |
| Voltage DC:   | 250 VDC                |
| Dielectric Withstanding Voltage:                                    | 625 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              |