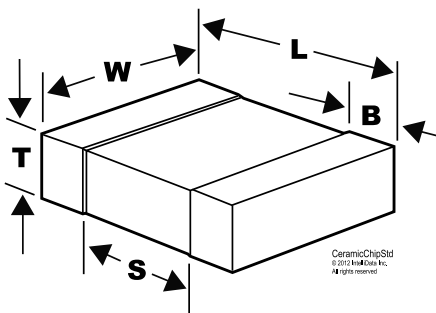


Ceramic, AUTO-(CxxxxC-AUTO), 68 pF, 5%, 100 V, 0805, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade



CeramicChipSMD  
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#### Dimensions

|   |                  |
|---|------------------|
| L | 2mm +/-0.2mm     |
| W | 1.25mm +/-0.2mm  |
| T | 0.78mm +/-0.10mm |
| S | 0.75mm MIN       |
| B | 0.5mm +/-0.25mm  |

#### Packaging Specifications

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

#### General Information

|               |                                                     |
|---------------|-----------------------------------------------------|
| Style:        | SMD Chip                                            |
| Series:       | AUTO-(CxxxxC-AUTO)                                  |
| Chip Size:    | 0805                                                |
| Description:  | SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade |
| Features:     | Ultra-Stable, Low Loss, Automotive Grade            |
| RoHS:         | Yes                                                 |
| Termination:  | Tin                                                 |
| Marking:      | No                                                  |
| Failure Rate: | N/A                                                 |
| Approvals:    | AEC-Q200                                            |
| AEC-Q200:     | Yes                                                 |

#### Specifications

|                                  |                     |
|----------------------------------|---------------------|
| Capacitance:                     | 68 pF               |
| Capacitance Tolerance:           | 5%                  |
| Voltage DC:                      | 100 VDC             |
| Dielectric Withstanding Voltage: | 250 V               |
| Temperature Range:               | -55/+125C           |
| Temperature Coefficient:         | COG                 |
| Dissipation Factor:              | 0.1%                |
| Aging Rate:                      | 0% Loss/Decade Hour |
| Insulation Resistance:           | 100 GOhms           |