

Ceramic, AUTO-(CxxxxC-AUTO), 0.1 uF, 5%, 25 V, 1206, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade



#### Dimensions

|   |                 |
|---|-----------------|
| L | 3.2mm +/-0.2mm  |
| W | 1.6mm +/-0.2mm  |
| T | 1.6mm +/-0.20mm |
| B | 0.5mm +/-0.25mm |

#### Packaging Specifications

|                     |                          |
|---------------------|--------------------------|
| Packaging:          | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 2000                     |

#### General Information

|               |                                                     |
|---------------|-----------------------------------------------------|
| Style:        | SMD Chip                                            |
| Series:       | AUTO-(CxxxxC-AUTO)                                  |
| Chip Size:    | 1206                                                |
| 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:             | 0.1 uF              |
| Capacitance Tolerance:   | 5%                  |
| Voltage DC:              | 25 VDC              |
| Temperature Range:       | -55/+125C           |
| Temperature Coefficient: | C0G                 |
| Dissipation Factor:      | 0.1%                |
| Aging Rate:              | 0% Loss/Decade Hour |
| Insulation Resistance:   | 10 GOhms            |
| Dielectric Strength:     | 62.5 V              |