

SMD Auto COG HV, Ceramic, 100 pF, 10%, 1,000 V, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 1206



**Dimensions**

|          |                 |
|----------|-----------------|
| <b>L</b> | 3.2mm +/-0.2mm  |
| <b>W</b> | 1.6mm +/-0.2mm  |
| <b>T</b> | 1mm +/-0.10mm   |
| <b>B</b> | 0.5mm +/-0.25mm |

**Packaging Specifications**

|                            |                          |
|----------------------------|--------------------------|
| <b>Packaging:</b>          | T&R, 180mm, Plastic Tape |
| <b>Packaging Quantity:</b> | 2500                     |

**General Information**

|                     |   |
|---------------------|---|
| <b>Supplier:</b>    | KEMET   |
| <b>Series:</b>      | SMD Auto COG HV                                     |
| <b>Style:</b>       | SMD Chip  |
| <b>Description:</b> | SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade |
| <b>Features:</b>    | Ultra-Stable, Low Loss, Automotive Grade            |
| <b>RoHS:</b>        | Yes   |
| <b>Termination:</b> | Tin   |
| <b>Marking:</b>     | No  |
| <b>Approvals:</b>   | AEC-Q200  |
| <b>AEC-Q200:</b>    | Yes   |
| <b>Chip Size:</b>   | 1206  |

**Specifications**

|   |                     |
|---|---------------------|
| <b>Capacitance:</b>                     | 100 pF              |
| <b>Capacitance Tolerance:</b>           | 10%                 |
| <b>Voltage DC:</b>                      | 1000 VDC            |
| <b>Dielectric Withstanding Voltage:</b> | 1,200 V             |
| <b>Temperature Range:</b>               | -55/+125C           |
| <b>Temperature Coefficient:</b>         | COG                 |
| <b>Dissipation Factor:</b>              | 0.1% 1MHz 25C       |
| <b>Aging Rate:</b>                      | 0% Loss/Decade Hour |
| <b>Insulation Resistance:</b>           | 100 GOhms           |