

**KEMET Part Number: C1206C101J2GACTU**  
(C1206C101J2GAC7800)

SMD Comm COG, Ceramic, 100 pF, 5%, 200 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1206



**General Information**

|                     |  |
|---------------------|--|
| <b>Supplier:</b>    | KEMET                                      |
| <b>Series:</b>      | SMD Comm COG                               |
| <b>Style:</b>       | SMD Chip                                   |
| <b>Description:</b> | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| <b>Features:</b>    | Ultra-Stable, Low Loss, Class I            |
| <b>RoHS:</b>        | Yes  |
| <b>Termination:</b> | Tin  |
| <b>Marking:</b>     | No   |
| <b>Chip Size:</b>   | 1206                                       |

**Dimensions**

|          |                  |
|----------|------------------|
| <b>L</b> | 3.2mm +/-0.2mm   |
| <b>W</b> | 1.6mm +/-0.2mm   |
| <b>T</b> | 0.78mm +/-0.10mm |
| <b>B</b> | 0.5mm +/-0.25mm  |

**Packaging Specifications**

|                            |                          |
|----------------------------|--------------------------|
| <b>Packaging:</b>          | T&R, 180mm, Plastic Tape |
| <b>Packaging Quantity:</b> | 4000                     |

**Specifications**

|   |                     |
|---|---------------------|
| <b>Capacitance:</b>                     | 100 pF              |
| <b>Capacitance Tolerance:</b>           | 5%                  |
| <b>Voltage DC:</b>                      | 200 VDC             |
| <b>Dielectric Withstanding Voltage:</b> | 500 V               |
| <b>Temperature Range:</b>               | -55/+125C           |
| <b>Temperature Coefficient:</b>         | COG                 |
| <b>Dissipation Factor:</b>              | 0.10% 1MHz 25C      |
| <b>Aging Rate:</b>                      | 0% Loss/Decade Hour |
| <b>Insulation Resistance:</b>           | 100 GOhms           |