

**KEMET Part Number: C1206H271JGGACTU**  
(C1206H271JGGAC7800)

Capacitor, Ceramic, SMD, MLCC, High Temp, Ultra-Stable, Low Loss, 270 pF, +/-5% Tol, 2000 V, COG, 1206 (3216 metric)



CeramicChipSMDNoS  
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**General Information**

|                          |                                              |
|--------------------------|----------------------------------------------|
| Supplier:                | KEMET                                        |
| Application:             | 200C                                         |
| Chip Size:               | 1206 (3216 metric)                           |
| Temperature Coefficient: | COG                                          |
| Part Type Description:   | SMD, MLCC, High Temp, Ultra-Stable, Low Loss |
| Termination Type:        | Tin (Sn)                                     |
| Marked:                  | No                                           |
| RoHS:                    | Yes                                          |

**Dimensions (mm)**

| Symbol | Dimension | Tolerance |
|--------|-----------|-----------|
| L      | 3.2       | +/-0.2    |
| W      | 1.6       | +/-0.2    |
| T      | 1.6       | +/-0.15   |
| B      | 0.5       | +/-0.25   |

**Packaging Specifications**

|                   |              |
|-------------------|--------------|
| Package Kind:     | T&R          |
| Package Size:     | 7 in/180 mm  |
| Package Type:     | Plastic Tape |
| Package Quantity: | 2000         |

**Specifications**

|                        |                     |
|------------------------|---------------------|
| Capacitance:           | 270 pF              |
| Voltage:               | 2000 V              |
| Tolerance:             | +/-5%               |
| Temperature Range:     | -55/+200C           |
| Dissipation Factor:    | 0.1%                |
| Failure Rate:          | N/A                 |
| Aging Rate:            | 0% loss/decade hour |
| Insulation Resistance: | 100 GOhm            |
| Dielectric Strength:   | 2400 V              |