

**KEMET Part Number: C0805C330J2GACTU**  
(C0805C330J2GAC7800)

SMD Comm C0G, Ceramic, 33 pF, 5%, 200 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0805



**General Information**

|                     |  |
|---------------------|--|
| <b>Supplier:</b>    | KEMET                                      |
| <b>Series:</b>      | SMD Comm C0G                               |
| <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>   | 0805                                       |

**Dimensions**

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

**Specifications**

|   |                     |
|---|---------------------|
| <b>Capacitance:</b>                     | 33 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>         | C0G                 |
| <b>Dissipation Factor:</b>              | 0.10% 1MHz 25C      |
| <b>Aging Rate:</b>                      | 0% Loss/Decade Hour |
| <b>Insulation Resistance:</b>           | 100 GOhms           |

**Packaging Specifications**

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

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