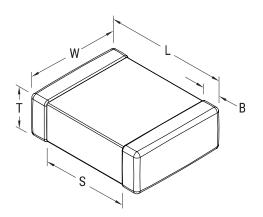
## KEMET Part Number: C0805C331J1GACTU

(C0805C331J1GAC7800)



## SMD Comm C0G, Ceramic, 330 pF, 5%, 100 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0805



| Dimensions |                  |
|------------|------------------|
| L          | 2mm +/-0.2mm     |
| W          | 1.25mm +/-0.2mm  |
| Т          | 0.78mm +/-0.10mm |
| S          | 0.75mm MIN       |
| В          | 0.5mm +/-0.25mm  |

| Packaging Specifications |                        |
|--------------------------|------------------------|
| Packaging:               | T&R, 180mm, Paper Tape |
| Packaging Quantity:      | 4000                   |

| General Information |   |
|---------------------|---|
| Supplier:           | KEMET   |
| Series:             | SMD Comm C0G                                  |
| Style:              | SMD Chip                                      |
| Description:        | SMD, MLCC, Ultra-Stable, Low<br>Loss, Class I |
| Features:           | Ultra-Stable, Low Loss, Class I               |
| RoHS:               | Yes   |
| Termination:        | Tin   |
| Marking:            | No  |
| Chip Size:          | 0805  |
| Shelf Life:         | 78 Weeks                                      |
| MSL:                | 1   |

| Specifications                      |                     |  |
|-------------------------------------|---------------------|--|
| Capacitance:                        | 330 pF              |  |
| Capacitance Tolerance:              | 5%                  |  |
| Voltage DC:                         | 100 VDC             |  |
| Dielectric Withstanding<br>Voltage: | 250 VDC             |  |
| Temperature Range:                  | -55/+125C           |  |
| Temperature Coefficient:            | COG                 |  |
| Dissipation Factor:                 | 0.10% 1MHz 25C      |  |
| Aging Rate:                         | 0% Loss/Decade Hour |  |
| Insulation Resistance:              | 100 GOhms           |  |

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