

**KEMET Part Number: C1206X102J2GALTU**  
(C1206X102J2GAL7800)



SMD Comm COG Flex, Ceramic, 1000 pF, 5%, 200 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1206



| Dimensions |                  |
|------------|------------------|
| Chip Size  | 1206             |
| L          | 3.3mm +/-0.4mm   |
| W          | 1.6mm +/-0.35mm  |
| T          | 0.78mm +/-0.20mm |
| B          | 0.6mm +/-0.25mm  |

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

| General Information |   |
|---------------------|---|
| Series:             | SMD Comm COG Flex   |
| Style:              | SMD Chip  |
| Description:        | SMD, MLCC, FT-CAP, Ultra-Stable   |
| Features:           | FT-CAP, Ultra-Stable  |
| RoHS:               | No  |
| Prop 65:            | <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> . |
| SCIP Number:        | 724b81dc-0c36-4aa3-aabc-63f2cc6f8822  |
| Termination:        | Flexible Termination With Lead (SnPb)   |
| Marking:            | No  |
| AEC-Q200:           | No  |
| Component Weight:   | 15 mg   |
| Shelf Life:         | 78 Weeks  |
| MSL:                | 1   |

| Specifications  |                        |
|---|------------------------|
| Capacitance:  | 1000 pF                |
| Measurement Condition:  | 1 MHz 1.0Vrms          |
| Capacitance Tolerance:  | 5%                     |
| Voltage DC:   | 200 VDC                |
| Dielectric Withstanding Voltage:                                    | 500 VDC                |
| Temperature Range:  | -55/+125°C             |
| Temperature Coefficient:  | COG                    |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC): | 30 ppm/C, 1MHz 1.0Vrms |
| Dissipation Factor:   | 0.1% 1 MHz 1.0Vrms     |
| Aging Rate:   | 0% Loss/Decade Hour    |
| Insulation Resistance:  | 100 GOhms              |

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