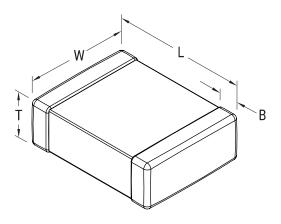
## KEMET Part Number: C1210X682J5GACTU

(C1210X682J5GAC7800)



SMD Comm COG Flex, Ceramic, 6800 pF, 5%, 50 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1210



| Dimensions |                  |  |
|------------|------------------|--|
| L          | 3.3mm +/-0.4mm   |  |
| W          | 2.6mm +/-0.3mm   |  |
| Т          | 0.78mm +/-0.20mm |  |
| В          | 0.6mm +/-0.25mm  |  |

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

| General Information |   |  |
|---------------------|---|--|
| Supplier:           | KEMET   |  |
| Series:             | SMD Comm C0G Flex                                       |  |
| Style:              | SMD Chip  |  |
| Description:        | SMD, MLCC, FT-CAP, Ultra-<br>Stable                     |  |
| Features:           | FT-CAP, Ultra-Stable                                    |  |
| RoHS:               | Yes   |  |
| Termination:        | Flexible Termination                                    |  |
| Marking:            | No  |  |
| Miscellaneous:      | Note: KEMET 50V rated parts may be operated at 63 Volts |  |
| Chip Size:          | 1210  |  |

| Specifications                      |                     |  |
|-------------------------------------|---------------------|--|
| Capacitance:                        | 6800 pF             |  |
| Capacitance Tolerance:              | 5%                  |  |
| Voltage DC:                         | 50 VDC              |  |
| Dielectric Withstanding<br>Voltage: | 125 V               |  |
| Temperature Range:                  | -55/+125C           |  |
| Temperature Coefficient:            | COG                 |  |
| Dissipation Factor:                 | 0.10% 1kHz 25C      |  |
| Aging Rate:                         | 0% Loss/Decade Hour |  |
| Insulation Resistance:              | 100 GOhms           |  |

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