## **KEMET Part Number: C1210C222JDGACTU**

(C1210C222JDGAC7800)



SMD Comm C0G HV, Ceramic, 2200 pF, 5%, 1000 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1210



| General Information |   |
|---------------------|---|
| Supplier:           | KEMET   |
| Series:             | SMD Comm C0G HV                               |
| 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:          | 1210  |

| Dimensions |                 |
|------------|-----------------|
| L          | 3.2mm +/-0.2mm  |
| W          | 2.5mm +/-0.2mm  |
| Т          | 2.5mm +/-0.30mm |
| В          | 0.5mm +/-0.25mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging:               | T&R, 180mm, Plastic Tape |
| Packaging Quantity:      | 1000                     |

| Specifications                      |                     |
|-------------------------------------|---------------------|
| Capacitance:                        | 2200 pF             |
| Capacitance Tolerance:              | 5%                  |
| Voltage DC:                         | 1000 VDC            |
| Dielectric Withstanding<br>Voltage: | 1,200 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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