

**KEMET Part Number: C1206C220J1GACTU**  
(C1206C220J1GAC7800)



Ceramic, Commercial-(CxxxxC), 22 pF, 5%, 100 V, 1206, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I



#### General Information

|               |                                            |
|---------------|--------------------------------------------|
| Style:        | SMD Chip                                   |
| Series:       | Commercial-(CxxxxC)                        |
| Chip Size:    | 1206                                       |
| Description:  | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| Features:     | Ultra-Stable, Low Loss, Class I            |
| RoHS:         | Yes                                        |
| Termination:  | Tin                                        |
| Marking:      | No                                         |
| Failure Rate: | N/A                                        |

#### Dimensions

|   |                  |
|---|------------------|
| L | 3.2mm +/-0.2mm   |
| W | 1.6mm +/-0.2mm   |
| T | 0.78mm +/-0.10mm |
| B | 0.5mm +/-0.25mm  |

#### Packaging Specifications

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

#### Specifications

|                          |                     |
|--------------------------|---------------------|
| Capacitance:             | 22 pF               |
| Capacitance Tolerance:   | 5%                  |
| Voltage DC:              | 100 VDC             |
| Temperature Range:       | -55/+125C           |
| Temperature Coefficient: | C0G                 |
| Dissipation Factor:      | 0.1%                |
| Aging Rate:              | 0% Loss/Decade Hour |
| Insulation Resistance:   | 100 GOhms           |
| Dielectric Strength:     | 250 V               |

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