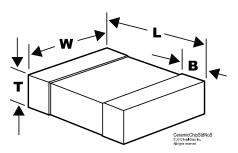
## **KEMET Part Number: C1808C221JZGACTU**

(C1808C221JZGAC7800)



Ceramic, Commercial-(CxxxxC), 220 pF, 5%, 2,500 V, 1808, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I



| General Information |   |
|---------------------|---|
| Style:              | SMD Chip                                      |
| Series:             | Commercial-(CxxxxC)                           |
| Chip Size:          | 1808  |
| Description:        | SMD, MLCC, Ultra-Stable, Low<br>Loss, Class I |
| Features:           | Ultra-Stable, Low Loss, Class I               |
| RoHS:               | Yes   |
| Termination:        | Tin   |
| Marking:            | No  |
| Failure Rate:       | N/A   |

| Dimensions |                 |
|------------|-----------------|
| L          | 4.7mm +/-0.5mm  |
| W          | 2mm +/-0.2mm    |
| Т          | 2mm +/-0.15mm   |
| В          | 0.6mm +/-0.35mm |

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

| Specifications                      |                     |
|-------------------------------------|---------------------|
| Capacitance:                        | 220 pF              |
| Capacitance Tolerance:              | 5%                  |
| Voltage DC:                         | 2500 VDC            |
| Dielectric Withstanding<br>Voltage: | 3,000 V             |
| Temperature Range:                  | -55/+125C           |
| Temperature Coefficient:            | COG                 |
| Dissipation Factor:                 | 0.1%                |
| Aging Rate:                         | 0% Loss/Decade Hour |
| Insulation Resistance:              | 100 GOhms           |

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