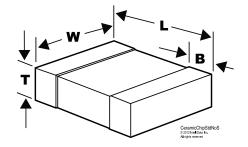
## KEMET Part Number: C1812C221JHGACTU

(C1812C221JHGAC7800)



Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 220 pF, +/-5% Tol, 3000 V, C0G, 1812 (4532 metric)



| General Information      |   |  |
|--------------------------|---|--|
| Supplier:                | KEMET   |  |
| Application:             | Standard Chip                                 |  |
| Chip Size:               | 1812 (4532 metric)                            |  |
| Temperature Coefficient: | COG   |  |
| Part Type Description:   | SMD, MLCC, Ultra-Stable, Low<br>Loss, Class I |  |
| Termination Type:        | Tin (Sn)                                      |  |
| Marked:                  | No  |  |
| RoHS:                    | Yes   |  |

| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 4.5       | +/-0.3    |
| W               | 3.2       | +/-0.3    |
| Т               | 2         | +/-0.20   |
| В               | 0.6       | +/-0.35   |

| Packaging Specifications |              |  |
|--------------------------|--------------|--|
| Package Kind:            | T&R          |  |
| Package Size:            | 7 in/180 mm  |  |
| Package Type:            | Plastic Tape |  |
| Package Quantity:        | 500          |  |

| Specifications         |                     |
|------------------------|---------------------|
| Capacitance:           | 220 pF              |
| Voltage:               | 3000 V              |
| Tolerance:             | +/-5%               |
| Temperature Range:     | -55/+125C           |
| Dissipation Factor:    | 0.1%                |
| Failure Rate:          | N/A                 |
| Aging Rate:            | 0% loss/decade hour |
| Insulation Resistance: | 100 GOhm            |
| Dielectric Strength:   | 3600 V              |

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