

**KEMET Part Number: C1210C224J3GACTU**  
(C1210C224J3GAC7800, C1210C224J3GACTR)

Ceramic, KEMET, Commercial-(CxxxxC), 0.22 uF, 5%, 25 V, 1210, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I



| General Information |  |
|---------------------|--|
| Style:              | SMD Chip                                   |
| Supplier:           | KEMET                                      |
| Series:             | Commercial-(CxxxxC)                        |
| Chip Size:          | 1210                                       |
| Description:        | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| RoHS:               | Yes  |
| Termination:        | Tin  |
| Marking:            | No   |
| Failure Rate:       | N/A  |

| Dimensions |                 |
|------------|-----------------|
| L          | 3.2mm +/-0.2mm  |
| W          | 2.5mm +/-0.2mm  |
| T          | 2.1mm +/-0.20mm |
| B          | 0.5mm +/-0.25mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging:               | T&R, 180mm, Plastic Tape |
| Packaging Quantity:      | 2000                     |

| Specifications           |                     |
|--------------------------|---------------------|
| Capacitance:             | 0.22 uF             |
| Capacitance Tolerance:   | 5%                  |
| Voltage DC:              | 25 VDC              |
| Temperature Range:       | -55/+125C           |
| Temperature Coefficient: | C0G                 |
| Dissipation Factor:      | 0.1%                |
| Aging Rate:              | 0% Loss/Decade Hour |
| Insulation Resistance:   | 4.545 GOhms         |
| Dielectric Strength:     | 62.5 V              |