## **KEMET Part Number: C0402C221J1GACTU**

(C0402C221J1GAC7867)



Ceramic, Commercial-(CxxxxC), 220 pF, 5%, 100 V, 0402, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I



| General Information |   |
|---------------------|---|
| Style:              | SMD Chip                                      |
| Series:             | Commercial-(CxxxxC)                           |
| Chip Size:          | 0402  |
| 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          | 1mm +/-0.05mm   |
| W          | 0.5mm +/-0.05mm |
| Т          | 0.5mm +/-0.05mm |
| S          | 0.3mm MIN       |
| В          | 0.3mm +/-0.1mm  |

| Packaging Specifications |                        |  |
|--------------------------|------------------------|--|
| Packaging:               | T&R, 180mm, Paper Tape |  |
| Packaging Quantity:      | 10000                  |  |

| Specifications           |                     |  |
|--------------------------|---------------------|--|
| Capacitance:             | 220 pF              |  |
| Capacitance Tolerance:   | 5%                  |  |
| Voltage DC:              | 100 VDC             |  |
| Temperature Range:       | -55/+125C           |  |
| Temperature Coefficient: | COG                 |  |
| Dissipation Factor:      | 0.1%                |  |
| Aging Rate:              | 0% Loss/Decade Hour |  |
| Insulation Resistance:   | 100 GOhms           |  |
| Dielectric Strength:     | 250 V               |  |

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