

## C0402C221J3GACTU

Aliases (C0402C221J3GAC7867)

SMD Comm COG, Ceramic, 220 pF, 5%, 25 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0402



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 0402            |
| 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                  |  |

| General Information |  |
|---------------------|--|
| Series              | SMD Comm COG                               |
| Style               | SMD Chip                                   |
| Description         | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| Features            | Ultra-Stable, Low Loss, Class I            |
| RoHS                | Yes  |
| Termination         | Tin  |
| Marking             | No   |
| AEC-Q200            | No   |
| Component Weight    | 1.06 mg                                    |
| Shelf Life          | 78 Weeks                                   |
| MSL                 | 1  |

| Specifications   |                              |
|--|------------------------------|
| Capacitance  | 220 pF                       |
| Measurement Condition  | 1 MHz 1.0Vrms                |
| Capacitance Tolerance  | 5%                           |
| Voltage DC   | 25 VDC                       |
| Dielectric Withstanding Voltage                                    | 62.5 VDC                     |
| Temperature Range  | -55/+125°C                   |
| Temperature Coefficient  | COG                          |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1MegaHz<br>1.0Vrms |
| Dissipation Factor   | 0.1% 1 MHz 1.0Vrms           |
| Aging Rate   | 0% Loss/Decade<br>Hour       |
| Insulation Resistance  | 100 GOhms                    |

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