

**KEMET Part Number: C0402H220J3GACTU**  
(C0402H220J3GAC7867)

SMD Indust COG HT200C, Ceramic, 200C, 22 pF, 5%, 25 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 0402



| General Information |   |
|---------------------|---|
| Supplier:           | KEMET   |
| Series:             | SMD Indust COG HT200C                               |
| Style:              | SMD Chip  |
| Description:        | SMD, MLCC, High Temperature, Ultra-Stable, Low Loss |
| Features:           | High Temp, Ultra-Stable, Low Loss                   |
| RoHS:               | Yes   |
| Termination:        | Tin   |
| Marking:            | No  |
| Chip Size:          | 0402  |

| Dimensions |                 |
|------------|-----------------|
| L          | 1mm +/-0.05mm   |
| W          | 0.5mm +/-0.05mm |
| T          | 0.5mm +/-0.05mm |
| S          | 0.3mm MIN       |
| B          | 0.3mm +/-0.1mm  |

| Specifications                   |                     |
|----------------------------------|---------------------|
| Capacitance:                     | 22 pF               |
| Capacitance Tolerance:           | 5%                  |
| Voltage DC:                      | 25 VDC              |
| Dielectric Withstanding Voltage: | 62.5 V              |
| Temperature Range:               | -55/+200C           |
| Temperature Coefficient:         | COG                 |
| Dissipation Factor:              | 0.10% 1MHz 25C      |
| Aging Rate:                      | 0% Loss/Decade Hour |
| Insulation Resistance:           | 100 GOhms           |

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