

**KEMET Part Number: C2220H123JDGACTU**  
(C2220H123JDGAC7800)

SMD Indust COG HVHT200C, Ceramic, 200C, 0.012 uF, 5%, 1000 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 2220



| General Information |   |
|---------------------|---|
| Supplier:           | KEMET   |
| Series:             | SMD Indust COG HVHT200C                             |
| 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:          | 2220  |

| Dimensions |                 |
|------------|-----------------|
| L          | 5.7mm +/-0.4mm  |
| W          | 5mm +/-0.4mm    |
| T          | 2.5mm +/-0.20mm |
| B          | 0.6mm +/-0.35mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging:               | T&R, 180mm, Plastic Tape |
| Packaging Quantity:      | 500                      |

| Specifications                   |                     |
|----------------------------------|---------------------|
| Capacitance:                     | 0.012 uF            |
| Capacitance Tolerance:           | 5%                  |
| Voltage DC:                      | 1000 VDC            |
| Dielectric Withstanding Voltage: | 1,200 V             |
| Temperature Range:               | -55/+200C           |
| Temperature Coefficient:         | COG                 |
| Dissipation Factor:              | 0.10% 1kHz 25C      |
| Aging Rate:                      | 0% Loss/Decade Hour |
| Insulation Resistance:           | 83.333 GOhms        |