

**KEMET Part Number: C1210H272JDGACTU**  
(C1210H272JDGAC7800)

Ceramic, 200C, 200C-(CxxxxH), 2700 pF, 5%, 1,000 V, 1210, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss



| General Information |   |
|---------------------|---|
| Style:              | SMD Chip  |
| Series:             | 200C-(CxxxxH)                                       |
| Chip Size:          | 1210  |
| Description:        | SMD, MLCC, High Temperature, Ultra-Stable, Low Loss |
| Features:           | High Temp, Ultra-Stable, Low Loss                   |
| RoHS:               | Yes   |
| Termination:        | Tin   |
| Marking:            | No  |
| Failure Rate:       | N/A   |

| Dimensions |                 |
|------------|-----------------|
| L          | 3.2mm +/-0.2mm  |
| W          | 2.5mm +/-0.2mm  |
| T          | 2.5mm +/-0.30mm |
| B          | 0.5mm +/-0.25mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging:               | T&R, 180mm, Plastic Tape |
| Packaging Quantity:      | 1000                     |

| Specifications           |                     |
|--------------------------|---------------------|
| Capacitance:             | 2700 pF             |
| Capacitance Tolerance:   | 5%                  |
| Voltage DC:              | 1000 VDC            |
| Temperature Range:       | -55/+200C           |
| Temperature Coefficient: | COG                 |
| Dissipation Factor:      | 0.1%                |
| Aging Rate:              | 0% Loss/Decade Hour |
| Insulation Resistance:   | 100 GOhms           |
| Dielectric Strength:     | 1,200 V             |