

KEMET Part Number: C1206C820GDGACTU
(C1206C820GDGAC7800)

SMD Comm COG HV, Ceramic, 82 pF, 2%, 1000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1206



| General Information | |
|---------------------|--|
| Supplier: | KEMET |
| Series: | SMD Comm COG HV |
| 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 |
| Chip Size: | 1206 |

| Dimensions | |
|------------|-----------------|
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| T | 1mm +/-0.10mm |
| B | 0.5mm +/-0.25mm |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging: | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 2500 |

| Specifications | |
|----------------------------------|---------------------|
| Capacitance: | 82 pF |
| Capacitance Tolerance: | 2% |
| Voltage DC: | 1000 VDC |
| Dielectric Withstanding Voltage: | 1,200 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | COG |
| Dissipation Factor: | 0.10% 1MHz 25C |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |