

KEMET Part Number: C1210C512KCGACTU
(C1210C512KCGAC7800)

SMD Comm COG HV, Ceramic, 5100 pF, 10%, 500 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1210



| 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: | 1210 |

| Dimensions | |
|------------|-----------------|
| L | 3.2mm +/-0.2mm |
| W | 2.5mm +/-0.2mm |
| T | 2mm +/-0.20mm |
| B | 0.5mm +/-0.25mm |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging: | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 2000 |

| Specifications | |
|----------------------------------|---------------------|
| Capacitance: | 5100 pF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 500 VDC |
| Dielectric Withstanding Voltage: | 750 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | COG |
| Dissipation Factor: | 0.10% 1kHz 25C |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |