

KEMET Part Number: C1206C183J5GACTU
(C1206C183J5GAC7800)

SMD Comm COG, Ceramic, 0.018 uF, 5%, 50 V, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1206



Dimensions

| | |
|----------|------------------|
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| T | 0.78mm +/-0.10mm |
| B | 0.5mm +/-0.25mm |

Packaging Specifications

| | |
|----------------------------|--------------------------|
| Packaging: | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 4000 |

General Information

| | |
|-----------------------|---|
| Supplier: | KEMET |
| Series: | SMD Comm COG |
| 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 |
| Failure Rate: | N/A |
| Miscellaneous: | Note: KEMET 50V rated parts may be operated at 63 Volts |
| Chip Size: | 1206 |

Specifications

| | |
|---|---------------------|
| Capacitance: | 0.018 uF |
| Capacitance Tolerance: | 5% |
| Voltage DC: | 50 VDC |
| Dielectric Withstanding Voltage: | 125 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | COG |
| Dissipation Factor: | 0.1% 1kHz 25C |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 55.556 GOhms |