

KEMET Part Number: C1812C470JHGA
CTU
 (C1812C470JHGAC7800)

SMD Comm C0G HV, Ceramic, 47 pF, 5%, 3000 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1812



Dimensions

| | |
|----------|-----------------|
| L | 4.5mm +/-0.3mm |
| W | 3.2mm +/-0.3mm |
| T | 1mm +/-0.10mm |
| B | 0.6mm +/-0.35mm |

Packaging Specifications

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

General Information

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|---------------------|--|
| Supplier: | KEMET |
| Series: | SMD Comm C0G 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: | 1812 |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

Specifications

| | |
|---|---------------------|
| Capacitance: | 47 pF |
| Capacitance Tolerance: | 5% |
| Voltage DC: | 3000 VDC |
| Dielectric Withstanding Voltage: | 3,600 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | C0G |
| Dissipation Factor: | 0.10% 1MHz 25C |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |