

C1812X473J2GACTU

Aliases (C1812X473J2GAC7800)

SMD Comm COG Flex, Ceramic, 0.047 uF, 5%, 200 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1812



Click [here](#) for the 3D model.

Dimensions

| | |
|-----------|------------------|
| Chip Size | 1812 |
| L | 4.5mm +/-0.4mm |
| W | 3.2mm +/-0.3mm |
| T | 1.25mm +/-0.15mm |
| S | 2.3mm MIN |
| B | 0.7mm +/-0.35mm |

Packaging Specifications

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

General Information

| | |
|--------------------------|---------------------------------|
| Series | SMD Comm COG Flex |
| Style | SMD Chip |
| Description | SMD, MLCC, FT-CAP, Ultra-Stable |
| Features | FT-CAP, Ultra-Stable |
| RoHS | Yes |
| Termination | Flexible Termination |
| Marking | false |
| AEC-Q200 | No |
| Typical Component Weight | 67 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

Specifications

| | |
|--|------------------------|
| Capacitance | 0.047 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 5% |
| Voltage DC | 200 VDC |
| Dielectric Withstanding Voltage | 500 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | COG |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1kHz 1.0Vrms |
| Dissipation Factor | 0.1% 1kHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour |
| Insulation Resistance | 21.2766 GOhms |