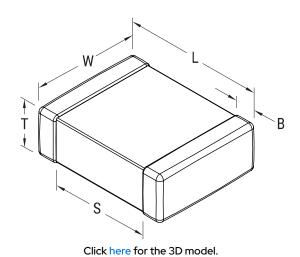


## C1812C473J2GACTU

Aliases (C1812C473J2GAC7800) SMD Comm COG, Ceramic, 0.047 uF, 5%, 200 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1812, 2.3 mm



| General Information      |   |
|--------------------------|---|
| Series                   | SMD Comm COG                                  |
| Style                    | SMD Chip                                      |
| Description              | SMD, MLCC, Ultra-Stable, Low<br>Loss, Class I |
| Features                 | Ultra-Stable, Low Loss, Class I               |
| RoHS                     | Yes   |
| Termination              | Tin   |
| Marking                  | No  |
| AEC-Q200                 | No  |
| Typical Component Weight | 67 mg   |
| Shelf Life               | 78 Weeks                                      |
| MSL                      | 1   |

| Dimensions |                  |
|------------|------------------|
| Chip Size  | 1812             |
| L          | 4.5mm +/-0.3mm   |
| W          | 3.2mm +/-0.3mm   |
| т          | 1.25mm +/-0.15mm |
| S          | 2.3mm MIN        |
| В          | 0.6mm +/-0.35mm  |
|            |                  |

## Packaging Specifications Packaging

PackagingT&R, 180mm, Plastic TapePackaging Quantity1000

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

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