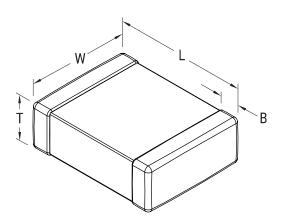
KEMET Part Number: C1812C333J5GACTU

(C1812C333J5GAC7800)



SMD Comm C0G, Ceramic, 0.033 uF, 5%, 50 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1812



| Dimensions | |
|------------|-----------------|
| Chip Size | 1812 |
| L | 4.5mm +/-0.3mm |
| W | 3.2mm +/-0.3mm |
| Т | 1mm +/-0.10mm |
| В | 0.6mm +/-0.35mm |

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

| General Information | |
|---------------------|---|
| Series: | SMD Comm C0G |
| 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 |
| AEC-Q200: | No |
| Component Weight: | 67 mg |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

| Specifications | | |
|---|------------------------|--|
| Capacitance: | 0.033 uF | |
| Measurement Condition: | 1 kHz 1.0Vrms | |
| Capacitance Tolerance: | 5% | |
| Voltage DC: | 50 VDC | |
| Dielectric Withstanding Voltage: | 125 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% 1 kHz 1.0Vrms | |
| Aging Rate: | 0% Loss/Decade Hour | |
| Insulation Resistance: | 30.303 GOhms | |

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