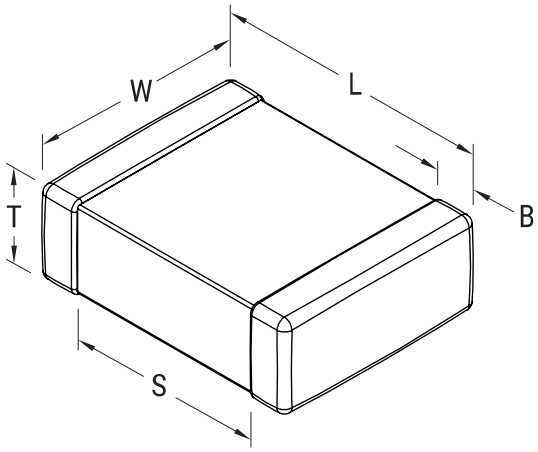
# C1808C270JHGACTU

Aliases (C1808C270JHGAC7800)

SMD Comm C0G HV, Ceramic, 27 pF, 5%, 3,000 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1808 / 4520




Click here for the 3D model.

| General Information | |
|---|---|
| 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 |
| Typical Component Weight | 81 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|---|---|
| L | 4.7mm +/-0.5mm |
| W | 2mm +/-0.2mm |
| T | 1.6mm +/-0.15mm |
| S | 2.9mm MIN |
| B | 0.6mm +/-0.35mm |
| Case Code (EIA / mm) | 1808 / 4520 |

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

| Specifications | |
|---|---|
| Capacitance | 27 pF |
| Measurement Condition | 1 MHz 1.0Vrms |
| Tolerance | 5% |
| Voltage DC | 3000 VDC |
| Dielectric Withstanding Voltage | 3,600 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | C0G |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1MegaHz 1.0Vrms |
| Dissipation Factor | 0.1% 1 MHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour |
| Insulation Resistance | 100 GOhms |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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