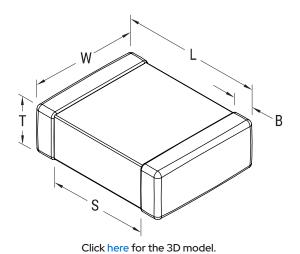


C2225C123FCGACTU

Aliases (C2225C123FCGAC7800)

SMD Comm COG HV, Ceramic, 0.012 uF, 1%, 500 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 3.2 mm, 2225 / 5663



| General Information | |
|--------------------------|---|
| Series | SMD Comm COG 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 |
| AEC-Q200 | No |
| Typical Component Weight | 300 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|----------------------|-----------------|
| L | 5.6mm +/-0.4mm |
| W | 6.4mm +/-0.4mm |
| Т | 1.4mm +/-0.15mm |
| S | 3.2mm MIN |
| В | 0.6mm +/-0.35mm |
| Case Code (EIA / mm) | 2225 / 5663 |
| | |

| S | 3.2mm MIN |
|--------------------------|--------------------------|
| В | 0.6mm +/-0.35mm |
| Case Code (EIA / mm) | 2225 / 5663 |
| | |
| Packaging Specifications | |
| Packaging | T&R, 180mm, Plastic Tape |

1000

Packaging Quantity

| Specifications | |
|--|------------------------|
| Capacitance | 0.012 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 1% |
| Voltage DC | 500 VDC |
| Dielectric Withstanding Voltage | 750 VDC |
| Temperature Range | -55/+125°C |
| Temp. 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 | 83.3333 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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