

## C0805T153F1GCLTU

## Aliases (C0805T153F1GCL7800)

SMD COTS COG, Ceramic, 0.015 uF, 1%, 100 VDC, COG, SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class I, 0805



Click here for the 3D model.

Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	1.25mm +/-0.15mm
S	0.75mm MIN
В	0.5mm +/-0.25mm

## **Packaging Specifications**

Packaging Packaging Quantity

T&R, 180mm, Plastic Tape 2500

SeriesSMD COTS COGStyleSMD ChipDescriptionSMD, MLCC, COTS, Ultra-Stable, Low Loss, Class IFeaturesUltra-Stable, Low Loss, Class IRoHSNoProp 65AWARNING: Cancer and reproductive harm chittp://www.p65warnings.ca.gov.SCIP Number2d771165-5336-48a3-96fa-3663929fd828TerminationLead (SnPb)MarkingNoFailure RateSesting per MIL-PRF-55681 PDA 8%, DPA per EIA- dog, Humidity per MIL-STD-202, Method 103, Condition AAEC-Q200NoShelf Life78 WeeksMSL1	General Information		
DescriptionSMD, MLCC, COTS, Ultra-Stable, Low Loss, Class IFeaturesUltra-Stable, Low Loss, Class IRoHSNoProp 65MARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.SCIP Number2d771165-5336-48a3-96fa-3663929fd828TerminationLead (SnPb)MarkingNoFailure RateTesting per MIL-PRF-55681 PDA 8%, DPA per EIA- 469, Humidity per MIL-STD-202, Method 103, Condition AAEC-0200NoComponent Weight14 mgShelf Life78 Weeks	Series	SMD COTS COG	
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Component 14 mg   Weight 78 Weeks	Failure Rate	469, Humidity per MIL-STD-202, Method 103,	
Weight 14 mg   Shelf Life 78 Weeks	AEC-Q200	No	
		14 mg	
MSL 1	Shelf Life	78 Weeks	
	MSL	1	

Specifications	
Capacitance	0.015 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	1%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 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	66.6667 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.