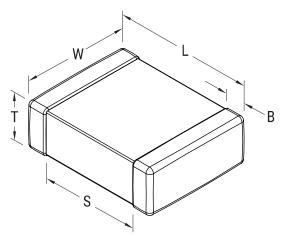


C1206T104G3GCLTU

Aliases (C1206T104G3GCL7800) SMD COTS COG, Ceramic, 0.1 uF, 2%, 25 VDC, COG, SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class I, 1206, 1.5 mm



Click here for the 3D model.

SeriesSMD COTS COGStyleSMD ChipDescriptionSMD, MLCC, COTS, Ultra-Stable, Low Loss, Class IFeaturesUltra-Stable, Low Loss, Class IRoHSNoProp 65WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /SCIP Number2d771165-5336-48a3-96fa-366 3929fd828TerminationLead (SnPb)MarkingNoFailure RateTesting per MIL-PRF-55681 PDA 8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103, Condition AAEC-Q200NoShelf Life78 Weeks	General Information	
DescriptionSMD, MLCC, COTS, Ultra-Stable, Low Loss, Class IFeaturesUltra-Stable, Low Loss, Class IRoHSNoProp 65WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /SCIP Number2d771165-5336-48a3-96fa-366 3929fd828TerminationLead (SnPb)MarkingNoFailure RateTesting per MIL-PRF-55681 PDA 8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103, Condition AAEC-Q200NoTypical Component Weight36 mg	Series	SMD COTS COG
Low Loss, Class IFeaturesUltra-Stable, Low Loss, Class IRoHSNoProp 65WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov //SCIP Number2d771165-5336-48a3-96fa-366 3929fd828TerminationLead (SnPb)MarkingNoFailure RateTesting per MIL-PRF-55681 PDA 8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103, Condition AAEC-Q200NoTypical Component Weight36 mg	Style	SMD Chip
RoHSNoProp 65WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /SCIP Number2d771165-5336-48a3-96fa-366 3929fd828TerminationLead (SnPb)MarkingNoFailure RateTesting per MIL-PRF-55681 PDA 8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103, Condition AAEC-Q200NoTypical Component Weight36 mg	Description	
Prop 65WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /SCIP Number2d771165-5336-48a3-96fa-366 3929fd828TerminationLead (SnPb)MarkingNoFailure RateTesting per MIL-PRF-55681 PDA 8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103, Condition AAEC-Q200NoTypical Component Weight36 mg	Features	Ultra-Stable, Low Loss, Class I
reproductive harm - https://www.p65warnings.ca.gov /SCIP Number2d771165-5336-48a3-96fa-366 3929fd828TerminationLead (SnPb)MarkingNoFailure RateTesting per MIL-PRF-55681 PDA 8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103, Condition AAEC-Q200NoTypical Component Weight36 mg	RoHS	No
SignalSignalTerminationLead (SnPb)MarkingNoFailure RateTesting per MIL-PRF-55681 PDA 8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103, Condition AAEC-Q200NoTypical Component Weight36 mg	Prop 65	reproductive harm -
MarkingNoFailure RateTesting per MIL-PRF-55681 PDA 8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103, Condition AAEC-Q200NoTypical Component Weight36 mg	SCIP Number	
Failure RateTesting per MIL-PRF-55681 PDA 8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103, Condition AAEC-Q200NoTypical Component Weight36 mg	Termination	Lead (SnPb)
AEC-Q200NoTypical Component Weight36 mg	Marking	No
Typical Component Weight 36 mg	Failure Rate	8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103,
	AEC-Q200	No
Shelf Life 78 Weeks	Typical Component Weight	36 mg
	Shelf Life	78 Weeks
MSL 1	MSL	1

Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
т	1.6mm +/-0.20mm
S	1.5mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2000

Specifications	
Capacitance	0.1 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	2%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 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	10 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.