

## C0402T150J4GCCTU

Aliases (C0402T150J4GCC7867)

SMD COTS COG, Ceramic, 15 pF, 5%, 16 VDC, COG, SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class I, 0402



Click here for the 3D model.

Dimensions	
Chip Size	0402
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
Т	0.5mm +/-0.05mm
S	0.3mm MIN
В	0.3mm +/-0.1mm

Packaging Specifications	
Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	10000

Series SMD COTS COG  Style SMD Chip  Description SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class Features Ultra-Stable, Low Loss, Class I  RoHS Yes  Termination Tin  Marking No  Testing per MIL-PRF-55681 PDA 8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103 Condition A
Description SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class Features Ultra-Stable, Low Loss, Class I RoHS Yes Termination Tin Marking No Testing per MIL-PRF-55681 PDA 8%, DPA per Failure Rate EIA-469, Humidity per MIL-STD-202, Method 103
Features Ultra-Stable, Low Loss, Class I RoHS Yes Termination Tin Marking No Testing per MIL-PRF-55681 PDA 8%, DPA per Failure Rate EIA-469, Humidity per MIL-STD-202, Method 103
RoHS Yes  Termination Tin  Marking No  Testing per MIL-PRF-55681 PDA 8%, DPA per Failure Rate EIA-469, Humidity per MIL-STD-202, Method 103
Termination Tin  Marking No  Testing per MIL-PRF-55681 PDA 8%, DPA per Failure Rate EIA-469, Humidity per MIL-STD-202, Method 103
Marking No  Testing per MIL-PRF-55681 PDA 8%, DPA per Failure Rate EIA-469, Humidity per MIL-STD-202, Method 103
Testing per MIL-PRF-55681 PDA 8%, DPA per Failure Rate EIA-469, Humidity per MIL-STD-202, Method 103
Failure Rate EIA-469, Humidity per MIL-STD-202, Method 103
AEC-Q200 No
Component 1.06 mg
Shelf Life 78 Weeks
MSL 1

Specifications	
Capacitance	15 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	COG
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.