

## C0603T470J5GCLTU

Aliases (C0603T470J5GCL7867)

SMD COTS COG, Ceramic, 47 pF, 5%, 50 VDC, COG, SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class I, 0603



Click here for the 3D model.

0603
1.6mm +/-0.15mm
0.8mm +/-0.15mm
0.8mm +/-0.07mm
0.7mm MIN
0.35mm +/-0.15mm

Packaging Specifications	
Packaging	Т

Packaging Quantity

T&R, 180mm, Paper Tape 4000

General Information	n
Series	SMD COTS COG
Style	SMD Chip
Description	SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class I
Features	Ultra-Stable, Low Loss, Class I
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.
SCIP Number	2d771165-5336-48a3-96fa-3663929fd828
Termination	Lead (SnPb)
Marking	No
Failure Rate	Testing per MIL-PRF-55681 PDA 8%, DPA per EIA- 469, Humidity per MIL-STD-202, Method 103, Condition A
AEC-Q200	No
Component Weight	3.7 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	47 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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

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