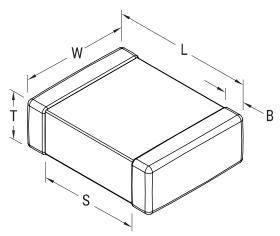


C0805T820J5GALTU

Aliases (C0805T820J5GAL7800) SMD COTS C0G, Ceramic, 82 pF, 5%, 50 VDC, C0G, SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class I, 0805, 0.7 mm



Click here for the 3D model.

General Information	
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 - https://www.p65warnings.ca.gov /
SCIP Number	2d771165-5336-48a3-96fa-366 3929fd828
Termination	Lead (SnPb)
Marking	No
Failure Rate	Testing per MIL-PRF-55681 PDA 8%
AEC-Q200	No
Typical Component Weight	11 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
т	0.78mm +/-0.10mm
S	0.7mm MIN
В	0.5mm +/-0.25mm

⁻ &R, 180mm, Paper Tape
1000

Specifications	
Capacitance	82 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	5%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. 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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