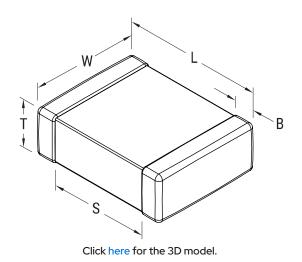


C1808C681J5GALTU

Aliases (C1808C681J5GAL7800) SMD Comm COG SnPb, Ceramic, 680 pF, 5%, 50 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 2.9 mm, 1808 / 4520



General Information	
Series	SMD Comm COG SnPb
Style	SMD Chip
Description	SMD, MLCC, 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	5549986b-60cf-4a2a-afbb-4a d1d7a11dcb
Termination	Lead (SnPb)
Marking	No
AEC-Q200	No
Typical Component Weight	62 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	4.7mm +/-0.5mm
W	2mm +/-0.2mm
Т	1mm +/-0.15mm
S	2.9mm MIN
В	0.6mm +/-0.35mm
Case Code (EIA / mm)	1808 / 4520

Case Code (EIA / mm)	1808 / 4520
Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

Specifications	
Capacitance	680 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

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.

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