

C1825C151KZGALTU

Aliases (C1825C151KZGAL7800)

SMD Comm COG HV, Ceramic, 150 pF, 10%, 2,500 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 2.3 mm, 1825 / 4663



Click [here](#) for the 3D model.

General Information

Series	SMD Comm COG HV
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-4ad1d7a11dcb
Termination	Lead (SnPb)
Marking	No
Typical Component Weight	230 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

L	4.5mm +/-0.3mm
W	6.4mm +/-0.4mm
T	1.6mm +/-0.20mm
S	2.3mm MIN
B	0.6mm +/-0.35mm
Case Code (EIA / mm)	1825 / 4663

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

Specifications

Capacitance	150 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	10%
Voltage DC	2500 VDC
Dielectric Withstanding Voltage	3,000 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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