

**KEMET Part Number: C0805H222G5GALTU**  
(C0805H222G5GAL7800)

SMD Indust COG HT200C, Ceramic, 2200 pF, 2%, 50 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 0805



Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.78mm +/-0.10mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications	
Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

General Information	
Series:	SMD Indust COG HT200C
Style:	SMD Chip
Description:	SMD, MLCC, High Temperature, Ultra-Stable, Low Loss
Features:	High Temp, Ultra-Stable, Low Loss
RoHS:	No
Prop 65:	<b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .
SCIP Number:	9e3986f4-2e64-4a5f-b9fd-b9e3c7d21980
Termination:	Lead (SnPb)
Marking:	No
AEC-Q200:	No
Component Weight:	11 mg
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	2200 pF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	2%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 VDC
Temperature Range:	-55/+200°C
Temperature Coefficient:	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor:	0.1% 1 kHz 1.0Vrms
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms

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