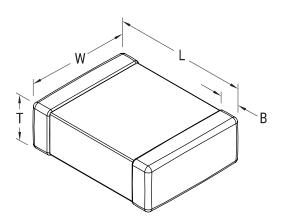
KEMET Part Number: C1812H224J5GAG



SMD Indust C0G HT200C, Ceramic, 0.22 uF, 5%, 50 VDC, C0G, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 1812



Dimensions	
L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
Т	1.6mm +/-0.20mm
В	0.6mm +/-0.35mm

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	1	

General Information	
Series:	SMD Indust C0G HT200C
Style:	SMD Chip
Description:	SMD, MLCC, High Temperature, Ultra-Stable, Low Loss
Features:	High Temp, Ultra-Stable, Low Loss
RoHS:	Yes
Termination:	Gold
Marking:	No
AEC-Q200:	No
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts. Gold (Au) 100 micro inches min.
Chip Size:	1812
Shelf Life:	78 Weeks
MSL:	1

Specifications		
Capacitance:	220000 pF, 1kHz 1.0Vrms	
Capacitance Tolerance:	5%	
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:	0.10% 1kHz 1.0Vrms	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	4.545 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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