KEMET Part Number: C1210H681FGGAF



SMD Indust C0G HVHT200C, Ceramic, 680 pF, 1%, 2000 VDC, C0G, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 1210



Dimensions		
L	3.2mm +/-0.2mm	
W	2.5mm +/-0.2mm	
Т	2.5mm +/-0.30mm	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	1	

General Information		
Series:	SMD Indust C0G HVHT200C	
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:	Gold (Au) 30 - 50 micro inches	
Chip Size:	1210	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	680 pF, 1MHz 1.0Vrms	
Capacitance Tolerance:	1%	
Voltage DC:	2000 VDC	
Dielectric Withstanding Voltage:	2400 VDC	
Temperature Range:	-55/+200°C	
Temperature Coefficient:	COG	
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	30 ppm/C, 1MHz 1.0Vrms	
Dissipation Factor:	0.10% 1MHz 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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