


Ceramic Capacitors					
Fixed Ceramic Capacitors					
Part Number :	C2012X7R1H104M/1.25				
Product Name :					
Multilayer Ceramic Chip Capacitors - General Purpose					
View Datasheet					
TDK Series Name :	C Series				
Application :	Electronics equipment, automation equipment, measurement equipment, Charge pump, etc. Mobile communications equipment, Automotive electronics, Hybrid ICs, Decoupling, Office Test and Smoothing,				
Function :	It has no polarity. High reliability is guaranteed. It can be adapted for various circuit such as transmission, amplification and feed through.				
Description :	Small Size General Capacitance Multilayer Ceramic Chip Capacitor. It has no polarity. High reliability is guaranteed.				
Submit Sample Request					
Check Distributor Inventory					
Print Page					
					
Additional Search Tools:					
Application	Catalog	SEAT	CCV	TVCL	Tech Notes
Property Name		Property Description			
Product Lifecycle Stage	Production				
Part Number Replacement	<i>No Data Available.</i>				
Lead (Pb) Free	Yes				
Surface Mount	Yes				
EIA Size Code	0805				
Size Code	2012				
Body Length (L)	Min	1.8 mm			
Body Length (L)	Nom	2 mm			
Body Length (L)	Max	2.2 mm			
Body Breadth (W)	Min	1.05 mm			
Body Breadth (W)	Nom	1.25 mm			
Body Breadth (W)	Max	1.45 mm			
Body Height (T)	Min	1.05 mm			
Body Height (T)	Nom	1.25 mm			
Body Height (T)	Max	1.45 mm			
Terminal Width (B)	Min	0.2 mm			
Terminal Spacing (G)	Min	0.5 mm			
Temperature Characteristics	X7R				
Temperature Characteristic	Min	-15 %			
	Max	15 %			
Category Temperature Range	Min	-55 C			
	Max	125 C			
Rated Voltage Code	1H				
Rated Voltage	Max	50 V			
Rated Voltage Classification	DC				
Withstanding Voltage	Nom	125 V			
Withstanding Voltage Class	DC				
Rated Capacitance	Nom	100000 pF			
Capacitance Tolerance Code	M				
Capacitance Tolerance (Value)	Min	<i>No Data Available.</i>			
	Max	<i>No Data Available.</i>			
Capacitance Tolerance (%)	Min	-20 %			
	Max	20 %			
Q	Min	<i>No Data Available.</i>			
Measurement Frequency of Q	Nom	<i>No Data Available.</i>			
Insulation Resistance	Min	5000 MOhm			
Dissipation Factor	Max	<i>No Data Available.</i>			
Frequency of Dissipation Factor	Nom	1 kHz			
Soldering Method	Flow, Reflow, Manual				
Storage Temperature Range	Min	5 Cel			
	Max	40 Cel			
Packing	Blister (Plastic) Taping [180mm Reel]				
Minimum Package Qty	Nom	2000 Pcs			
Minimum Order Qty	Nom	2000 Pcs			
Return Status	STD				
<p>Disclaimer: This information is to be used for reference purposes only and is subject to change by TDK without notice. It reflects an overview of the product characteristics/performance for the particular part number. For product specification information, please refer to TDK's general product specification. Please note that this standard part is not designed or warranted to meet any specifications of any intermediate or end user different from or in addition to the specifications set forth in TDK's general product specification. Note also that this standard part has not been specially designed or manufactured for, nor is it intended or warranted for use in, or permitted to be resold for, specialized applications such as aviation, medical, and/or governmental/military applications (collectively, "Excluded Applications").</p>					