
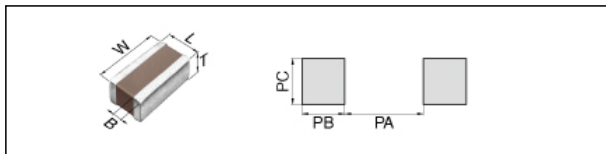


**C0816X5R1C104M050AC** (TDK item description : C0816X5R1C104MT\*\*\*\*)

Applications  Commercial Grade

Feature  Low ESL Reverse Geometry

Series C0816 [EIA CC0306]



Size	
Length(L)	0.80mm +/-0.10mm
Width(W)	1.60mm +/-0.10mm
Thickness(T)	0.50mm +/-0.10mm
Terminal Width(B)	0.10mm Min.
Recommended Land Pattern(PA)	0.30mm Nom.
Recommended Land Pattern(PB)	0.35mm Nom.
Recommended Land Pattern(PC)	1.60mm Nom.

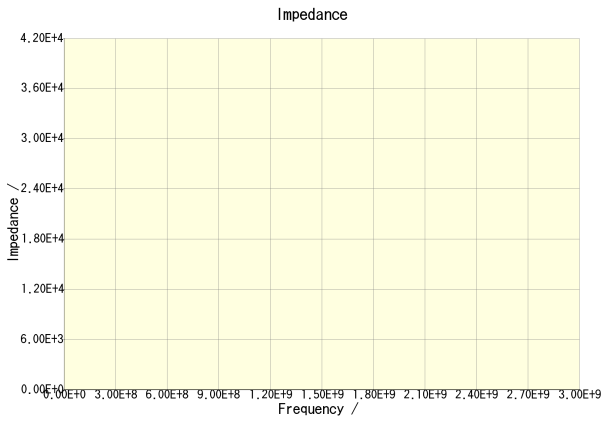
Electrical Characteristics	
Capacitance	100nF +/-20%
Rated Voltage	16Vdc
Temperature Characteristic	X5R(+/-15%)
Dissipation Factor	5% Max.
Insulation Resistance	1000MΩ Min.

Other	
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	4000Pcs Min.

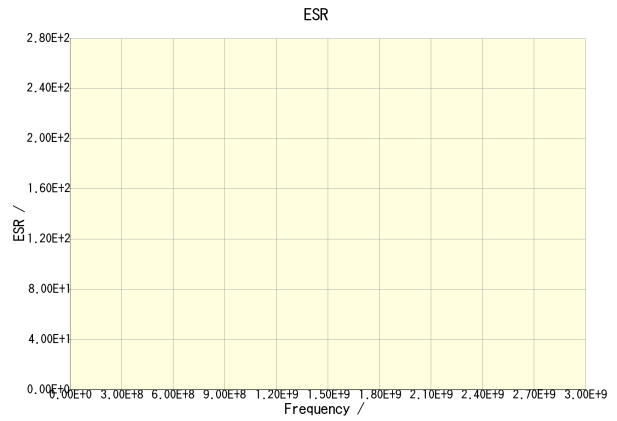
•This PDF document was created based on the data listed on the TDK Corporation website.  
 •All specifications are subject to change without notice.

# C0816X5R1C104M050AC

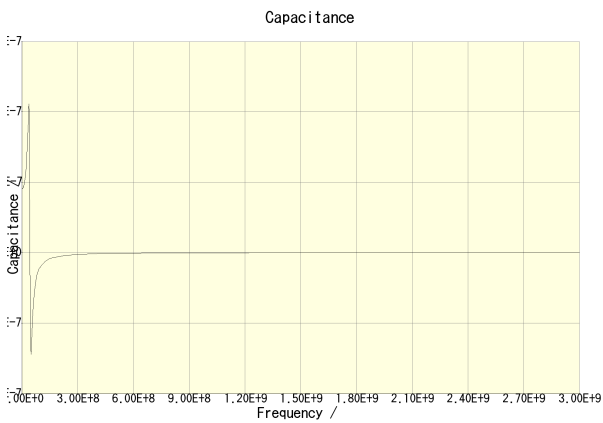
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



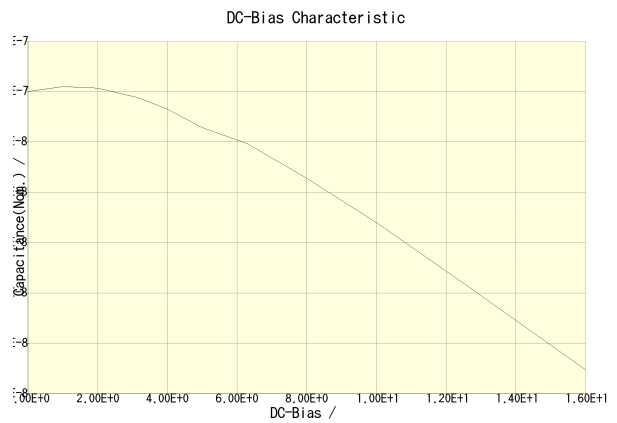
C0816X5R1C104M050AC



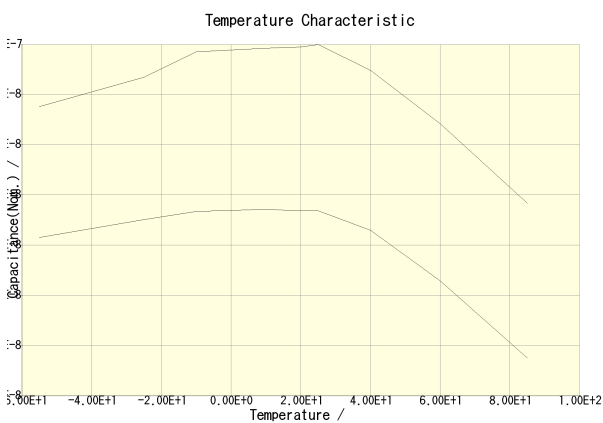
C0816X5R1C104M050AC



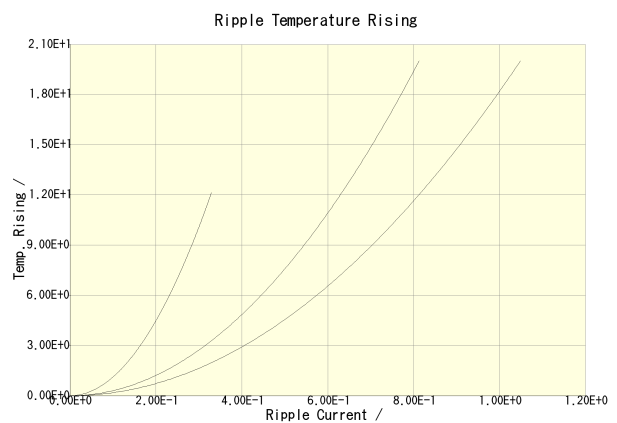
C0816X5R1C104M050AC



C0816X5R1C104M050AC



C0816X5R1C104M050AC(DC Bias = 0V) C0816X5R1C104M050AC(DC Bias = 8V)



C0816X5R1C104M050AC(100kHz) C0816X5R1C104M050AC(500kHz)  
C0816X5R1C104M050AC(1MHz)

•This PDF document was created based on the data listed on the TDK Corporation website.  
•All specifications are subject to change without notice.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Multilayer Ceramic Capacitors MLCC - SMD/SMT](#) category:*

*Click to view products by [TDK](#) manufacturer:*

Other Similar products are found below :

[M39014/01-1467](#) [M39014/02-1218V](#) [M39014/02-1225V](#) [M39014/02-1262V](#) [M39014/02-1301](#) [M39014/22-0631](#) [1210J5000102JCT](#)  
[1210J2K00102KXT](#) [1210J5000103KXT](#) [1210J5000223KXT](#) [D55342E07B379BR-TR](#) [D55342E07B523DR-T/R](#) [1812J1K00103KXT](#)  
[1812J1K00473KXT](#) [1812J2K00680JCT](#) [1812J4K00102MXT](#) [1812J5000102JCT](#) [1812J5000103JCT](#) [1812J5000682JCT](#) [NIN-FB391JTRF](#)  
[NIN-FC2R7JTRF](#) [NPIS27H102MTRF](#) [C1206C101J1GAC](#) [C1608C0G1E472JT000N](#) [C2012C0G2A472J](#) [2220J2K00101JCT](#)  
[KHC201E225M76N0T00](#) [LRC-LRF1206LF-01R025FTR1K](#) [1812J1K00222JCT](#) [1812J2K00102KXT](#) [1812J2K00222KXT](#)  
[1812J2K00472KXT](#) [2-1622820-7-CUT-TAPE](#) [2220J3K00102KXT](#) [2225J2500824KXT](#) [CCR07CG103KM](#) [CGA2B2C0G1H010C](#)  
[CGA2B2C0G1H040C](#) [CGA2B2C0G1H050C](#) [CGA2B2C0G1H060D](#) [CGA2B2C0G1H070D](#) [CGA2B2C0G1H151J](#) [CGA2B2C0G1H1R5C](#)  
[CGA2B2C0G1H2R2C](#) [CGA2B2C0G1H3R3C](#) [CGA2B2C0G1H680J](#) [CGA2B2C0G1H6R8D](#) [CGA2B2X8R1H221K](#) [CGA2B2X8R1H472K](#)  
[CGA3E1X7R1C474K](#)