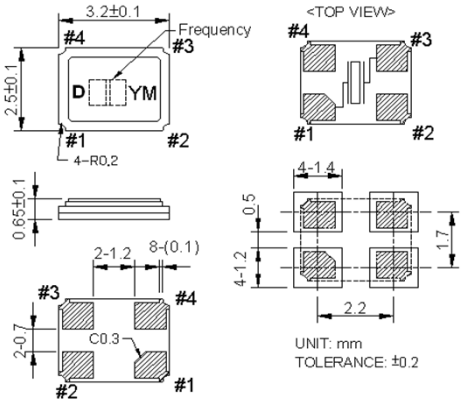
Date 29-Mar-16

No. 1ZNY12000CC0D

SPECIFICATION OF SURFACE MOUNT TYPE

1	.TYPE	DSX321SH					
2	.NOMINAL FREQUENCY	12.000000	MHz				
3	.LOAD CAPACITANCE(CL)	12.0	pF				
4	.DRIVE LEVEL	10	μW	+/-	2	μW	
5	.FREQUENCY TOLERANCE	+/-	30	× 10 -6	at 25 deg.C	+/-	3 deg.C
6	.SERIES RESISTANCE	80	ohms	max.	/	CL = SERIES	
7	.FREQUENCY CHARACTERISTICS OVER TEMPERATURE(ref. +25 deg.C)	+/-	30	× 10 -6	/ -20 deg.C	to	+75 deg.C
8	.OPERATING TEMPERATURE RANGE	-20	deg.C	to	+75 deg.C		
9	.STORAGE TEMPERATURE RANGE	-40	deg.C	to	+85 deg.C		
10	.SHUNT CAPACITANCE(C0)	2.0	pF	max.			
11	.INSULATION RESISTANCE	500	Mohms min. at 100V DC				
12	.OVERTONE ORDER	Fundamental					
13	.DIMENSIONS	Refer to Fig-1					



*Marking should be printed as following:
Logo, Nominal Frequency, Manufactured year & month

*Nominal frequency = Mark two digits from upper
(ex. 12.000000MHz --> 12)

*Manufacturing Lot No.
(Y : year) ex. 2016 shall be marked as ' 6 ' (The last digit of the year)
(M : month) ex. March shall be marked as ' C ' (As shown in Table-1.)

(Table-1.)

Month	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Mark	A	B	C	D	E	F	G	H	J	K	L	M