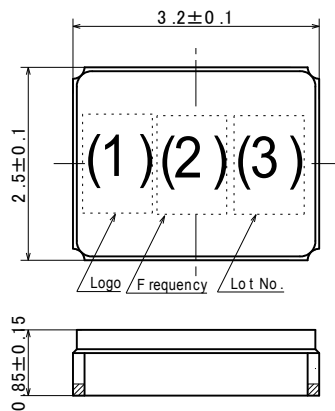


DATE	01-Jul-19
S.C.No.	ZR00201

SPECIFICATION OF SURFACE MOUNT TYPE

1 .TYPE	DSX321G				
2 .NOMINAL FREQUENCY	12.000000	MHz			
3 .LOAD CAPACITANCE(CL)	16.0	pF			
4 .DRIVE LEVEL	10	uW	+/-	2	uW (200uW max.)
5 .FREQUENCY TOLERANCE	+/-	30	$\times 10^{-6}$	at 25 deg C	+/- 3 deg C
6 .SERIES RESISTANCE	80	ohms	max.	/	CL = SERIES
7 .FREQUENCY CHARACTERISTICS OVER TEMPERATURE	+/-	30	$\times 10^{-6}$	/ -40 deg C to +85 deg C	
8 .OPERATING TEMPERATURE RANGE	-40	deg C	to	+85	deg C (ref. +25 deg C)
9 .STORAGE TEMPERATURE RANGE	-55	deg C	to	+125	deg C
10 .SHUNT CAPACITANCE(C0)	2.0pF max.				
11 .INSULATION RESISTANCE	500 Mohms min. at 100V DC				
12 .OVERTONE ORDER	Fundamental				

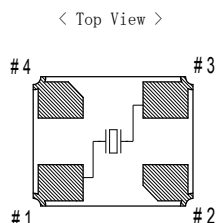
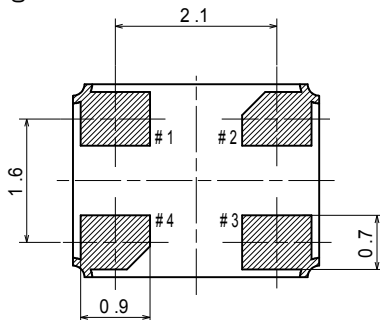
13 .DIMENSIONS



(1)Logo, (2)Frequency and Manufacturing Location

Producing District	(1)Logo	(2)Frequency
Indonesia	D	12
Thailand	D	12
Taiwan	D	<u>12</u>

* Made in Indonesia : Under Bar with (1)Logo
 * Made in Thailand : Top Bar with (1)Logo
 * Made in Taiwan : Under Bar with (2)Frequency
 (3)Lot No.



unit : mm
 Tolerance : +/-0.1
 Pin #2 #4 is not connected with anything.

Approved	Checked	Drawn

Fig.-1