DATE 20-Nov-19

S.C.No. ZC14768

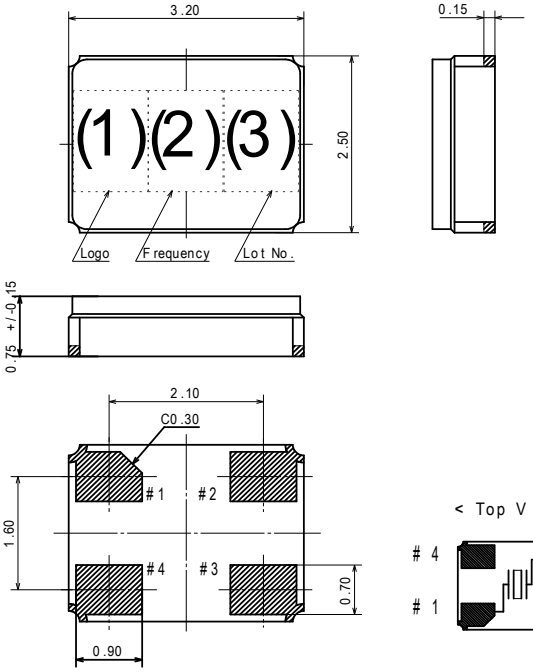
SPECIFICATION OF SURFACE MOUNT TYPE

1 .TYPE	DSX321G							
2 .NOMINAL FREQUENCY		12.000000	MHz					
3 .LOAD CAPACITANCE(CL)	12.0	pF						
4 .DRIVE LEVEL	10	uW	+/-	2	uW	(300uW max.)		
5 .FREQUENCY TOLERANCE	+/-	50	× 10 $^{-6}$		at 25 deg C	+/-	3	deg C
6 .SERIES RESISTANCE	100	ohms	max.	/	CL = SERIES			
7 .FREQUENCY CHARACTERISTICS OVER TEMPERATURE	+/-	150	× 10 $^{-6}$		/ -40 deg C	to	+105 deg C	
								(ref. +25 deg C)
8 .OPERATING TEMPERATURE RANGE	-40	deg C	to	+105 deg C				
9 .STORAGE TEMPERATURE RANGE	-40	deg C	to	+105 deg C				
10 .SHUNT CAPACITANCE(C0)	2.0pF max.							
11 .INSULATION RESISTANCE	500	Mohms min. at 100V DC						
12 .OVERTONE ORDER	Fundamental							

13 .AGING

+/- 5 × 10 $^{-6}$ / year
+/- 10 × 10 $^{-6}$ / 5years
+/- 15 × 10 $^{-6}$ / 10years

14 .DIMENSIONS



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

Producing District	(1)Logo	(2)Frequency
Indonesia	D	12
Thailand	D	12
Taiwan	D	12

* 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.

< Top View >

unit : mm
Tolerance : +/-0.1

Pin #2 #4 is not connected with anything.

Approved	Checked	Drawn

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