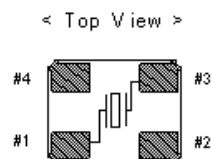
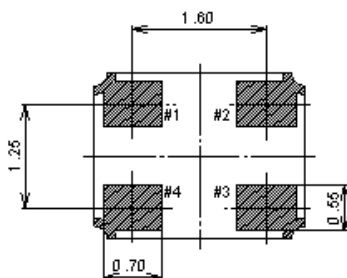
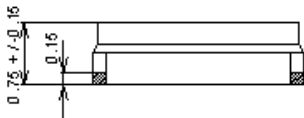
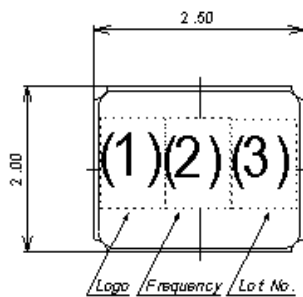


SPECIFICATION OF SURFACE MOUNT TYPE

1 .TYPE	DSX221G
2 .NOMINAL FREQUENCY	12.000000 MHz
3 .LOAD CAPACITANCE ( CL )	12 pF
4 .DRIVE LEVEL	10 uW +/- 2 uW
5 .FREQUENCY TOLERANCE	+/- 20 X 10 <sup>-6</sup> at 25 deg.C +/- 3 deg.C
6 .SERIES RESISTANCE	80 ohms max. / CL = SERIES
7 .FREQUENCY CHARACTERISTICS OVER TEMPERATURE	+/- 20 X 10 <sup>-6</sup> / -20 deg.C to +70 deg.C ( ref. +25 deg.C )
8 .OPERATING TEMPERATURE RANGE	-20 deg.C to +70 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



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

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

(3)Lot No.

unit : mm

Tolerance : +/-0.1

Pin #2 #4 is not connected with anything.

Fig.-1

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