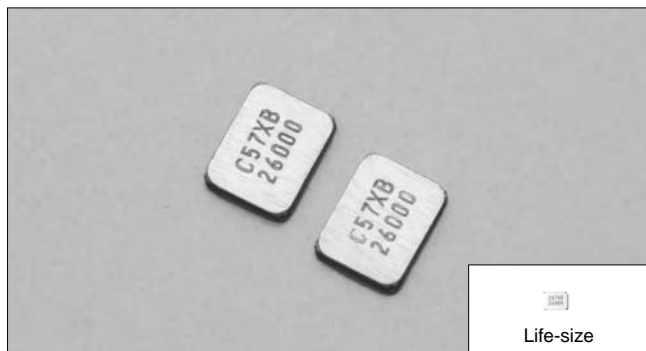


# CS325H

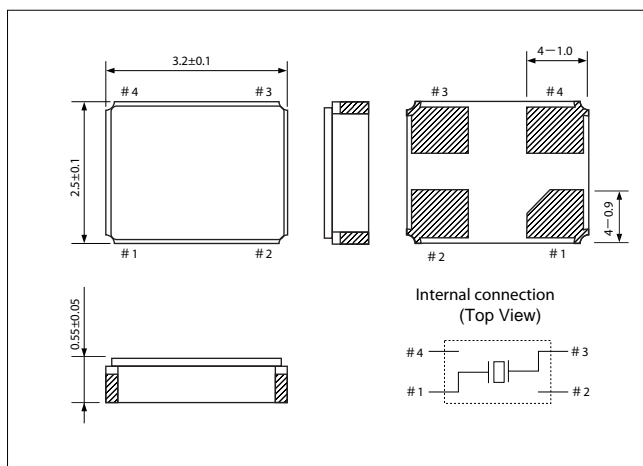
3000pcs/reel



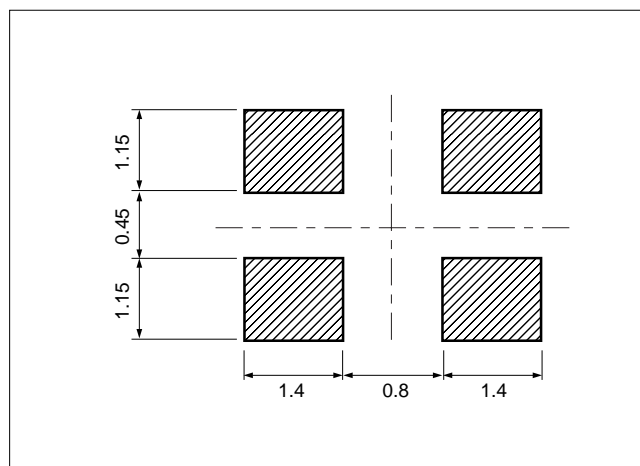
## FEATURES

- 7 Wide range high Frequency stability.
- 7 High-density SMD type.
- 7 Ultra-light weight and ultraminiature size.
- 7 Reliable ceramic package and excellent environmental characteristics.
- 7 Suitable for high stability applications such as communication devices and wireless LAN.

## DIMENSION [mm]



## SOLDER PAD LAYOUT [mm]



## STANDARD SPECIFICATIONS

Item	Model	CS325H	Conditions
Nominal Frequency	$f_0$	13.0MHz~54.0MHz (Fundamental)	Need to contact us for the available frequency
Frequency Tolerance	$f/f_0$	$\pm 10$ ppm	at 25°C
Frequency Tolerance over Operating Temperature Range	$f/f_0$	$\pm 10$ ppm	-20 ~ +70
Operating Temperature Range	$T_{OPR}$	-40 ~ +85	
Storage Temperature Range	$T_{STR}$	-55 ~ +125	
Motional (series) resistance	$R_1$	Refer to the following table	at 25°C
Load capacitance	$C_L$	16.0pF, 18.0pF	Need to specify your requirement
Shunt capacitance	$C_0$	5.0pF Max.	
Level of drive	$D_L$	10μW (100μW Max.)	
Insulation Resistance	$I_R$	500MΩMin.	DC100V±15V
Aging (first year)	$f/f_0$	$\pm 1$ ppm Max.	25 ±3

## MOTIONAL (SERIES) RESISTANCE (R<sub>1</sub>)

Frequency Range	13.0MHz $f_0 < 16.0$ MHz	16.0MHz $f_0 < 20.0$ MHz	20.0MHz $f_0 < 30.0$ MHz	30.0MHz $f_0 < 54.0$ MHz
ESR	150ΩMax.	120ΩMax.	80ΩMax.	50ΩMax.