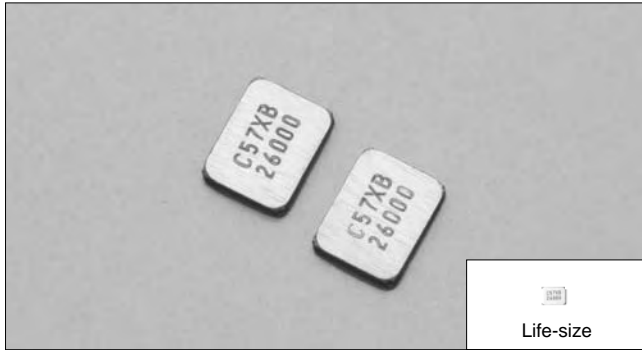


CS325H

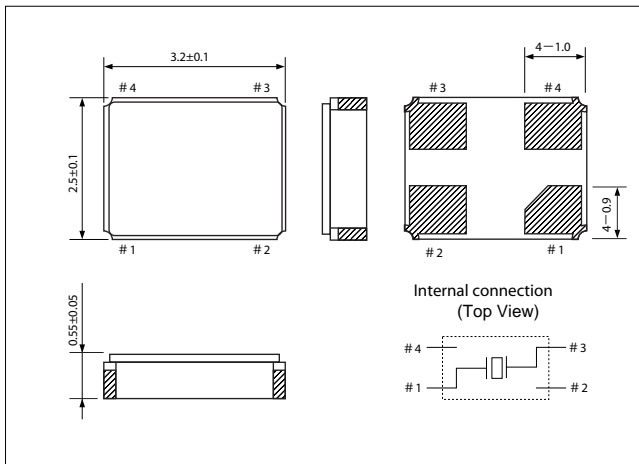
3000pcs/reel



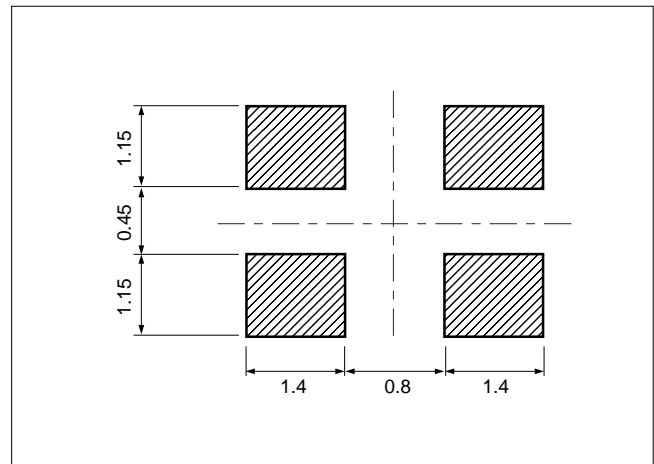
FEATURES

- 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 <sub>0</sub>   | 13.0MHz~54.0MHz (Fundamental) | Need to contact us for the available frequency |
| Frequency Tolerance                                  | f/f <sub>0</sub> | ±10ppm                        | at 25°C  |
| Frequency Tolerance over Operating Temperature Range | f/f <sub>0</sub> | ±10ppm                        | -20 ~ +70                                      |
| Operating Temperature Range                          | T <sub>OPR</sub> | -40 ~ +85                     |  |
| Storage Temperature Range                            | T <sub>STR</sub> | -55 ~ +125                    |  |
| Motional (series) resistance                         | R <sub>1</sub>   | Refer to the following table  | at 25°C  |
| Load capacitance                                     | C <sub>L</sub>   | 16.0pF, 18.0pF                | Need to specify your requirement               |
| Shunt capacitance                                    | C <sub>0</sub>   | 5.0pF Max.                    |  |
| Level of drive                                       | D <sub>L</sub>   | 10μW (100μW Max.)             |  |
| Insulation Resistance                                | I <sub>R</sub>   | 500MΩMin.                     | DC100V±15V                                     |
| Aging (first year)                                   | f/f <sub>0</sub> | ±1ppm Max.                    | 25 ±3  |

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

| Frequency Range | 13.0MHz f <sub>0</sub> <16.0MHz | 16.0MHz f <sub>0</sub> <20.0MHz | 20.0MHz f <sub>0</sub> <30.0MHz | 30.0MHz f <sub>0</sub> <54.0MHz |
|-----------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| ESR             | 150ΩMax.                        | 120ΩMax.                        | 80ΩMax.                         | 50ΩMax.                         |