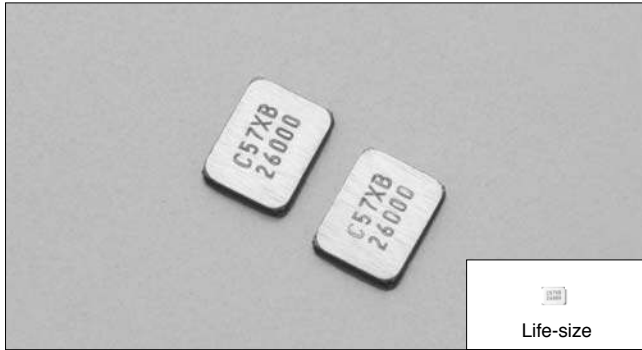


CS325H

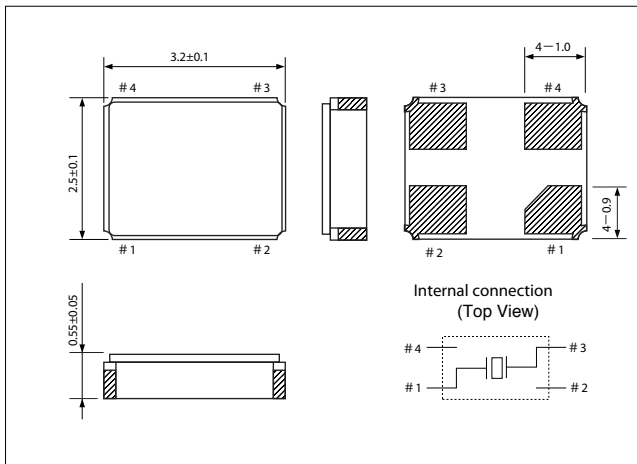
3000pcs/reel



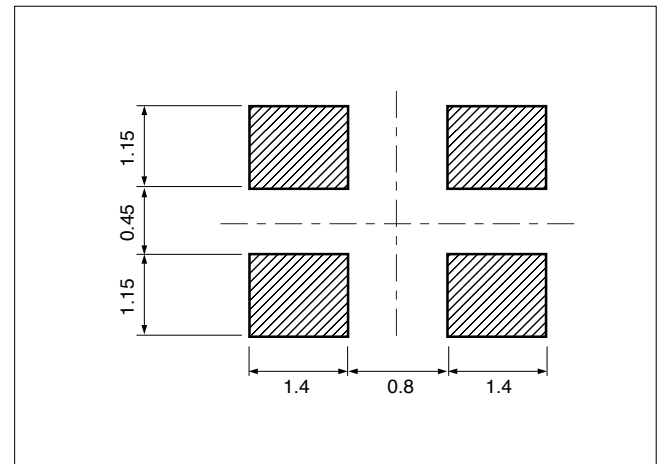
FEATURES

- 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	$\pm f/f_0$	± 10 ppm	at 25°C
Frequency Tolerance over Operating Temperature Range	$\pm f/f_0$	± 10 ppm	-20°C~ +70°C
Operating Temperature Range	T _{OPR}	-40°C~ +85°C	
Storage Temperature Range	T _{STR}	-55°C~ +125°C	
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)	$\pm f/f_0$	± 1 ppm Max.	25°C±3°C

MOTIONAL (SERIES) RESISTANCE (R₁)

Frequency Range	13.0MHz ≤ f ₀ < 16.0MHz	16.0MHz ≤ f ₀ < 20.0MHz	20.0MHz ≤ f ₀ < 30.0MHz	30.0MHz ≤ f ₀ < 54.0MHz
ESR	150ΩMax.	120ΩMax.	80ΩMax.	50ΩMax.