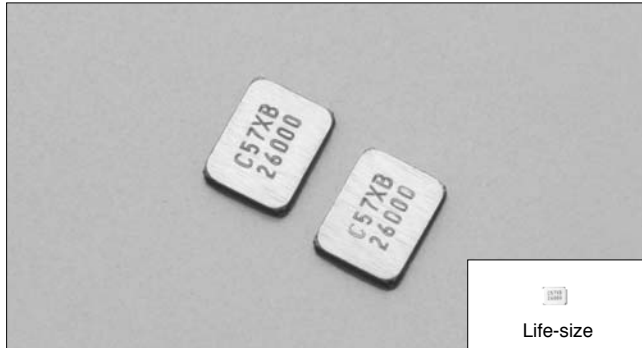


CS325

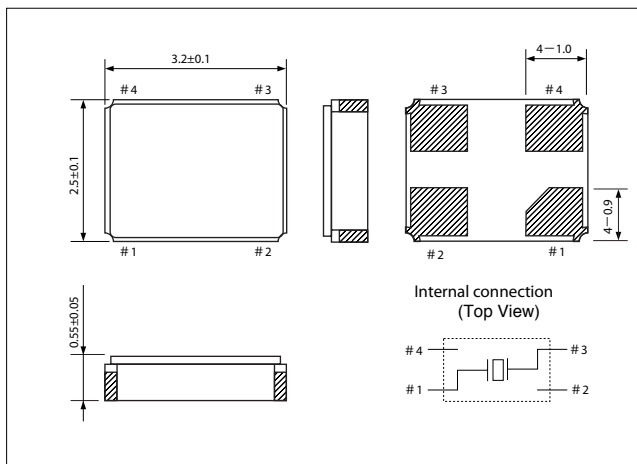
3000pcs/reel



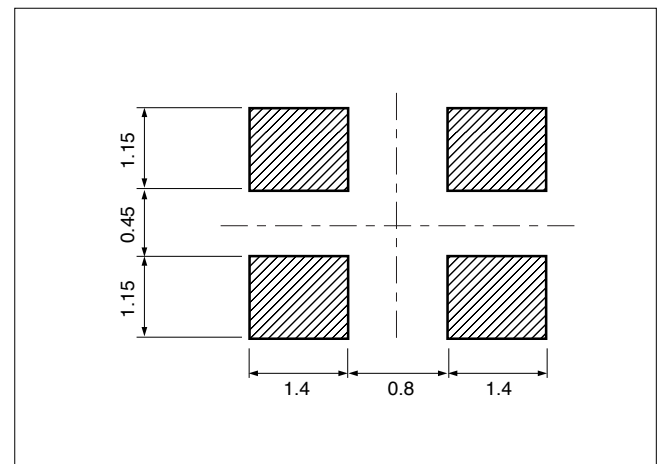
FEATURES

- 7 High-density SMD type.
- 7 Reliable ceramic package and excellent environmental characteristics.
- 7 Suitable for various applications such as communication devices, AV devices and other equipment.

DIMENSION [mm]



SOLDER PAD LAYOUT [mm]



STANDARD SPECIFICATIONS

Item	Model	CS325	Conditions
Nominal Frequency	f_0	13.0MHz~54.0MHz (Fundamental)	Need to contact us for the available frequency
Frequency Tolerance	f/f_0	$\pm 30\text{ppm}$	at 25°C
Frequency Tolerance over Operating Temperature Range	f/f_0	$\pm 30\text{ppm}$	-10 ~ +60
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	$\pm 5\text{ppm Max.}$	25 ±3

MOTIONAL (SERIES) RESISTANCE (R₁)

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