

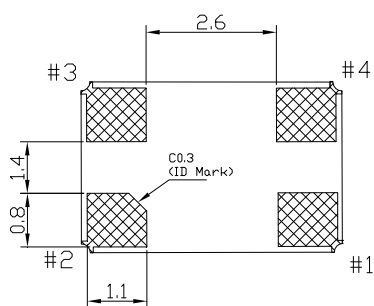
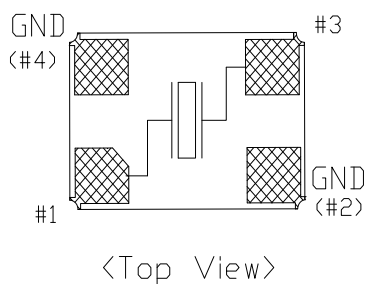
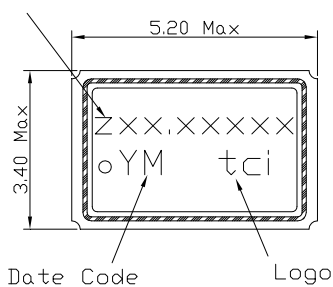
- Feature**
- ⊙ Ultrathin thickness 1.0mm.
  - ⊙ It is a completely sealed type with a metal lid sealed on a ceramic package.
  - ⊙ High electromagnetic susceptibility.
  - ⊙ High resolution frequency tolerance is obtained.
  - ⊙ Reflow soldering.
  - ⊙ Automatic and perfect packing due to emboss taping.

## Specifications

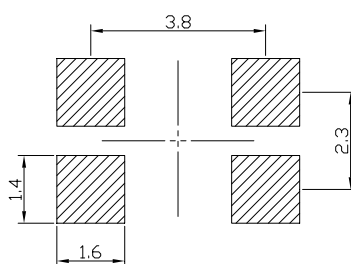
ITEM	TYPE	tci S53B (5.0mm*3.2mm)		
Frequency rang (MHz)		7~10	10~40	40~60
Equivalent series resistance		100Ω Max.	80Ω Max.	50Ω Max.
Mode of vibration		Fundamental		
Frequency tolerance (at 25°C)		±10ppm ~ ± 30ppm , or specify		
Frequency stability(Temp.)		±10ppm ~ ± 30ppm , or specify		
Operating temp. range		-20~+70°C , -40~+85°C , -40~+105°C or specify		
Storage temp. range		-55~+125°C		
Load capacitance (pF)		8pF~32pF, or specify		
Drive level(uW)		10uW(200 uW Max)		
Aging (at 25°C)		± 3ppm (Year)		

## Marking and dimensions (mm)

Frequency  
(不足位時，以zz表示)



<Bottom View>



<Soldering Pattern>

Pin Connections	
#1	Crystal
#2	GND/Lid
#3	Crystal
#4	GND/Lid

Packing Unit:1000pcs/Reel