

Product Features

1. High precision and high frequency stability
2. 2 or 4 pads SMD glass sealed crystal
3. Provide clean and stable reference clock to a wide variety of ICs
4. Excellent heat resistance and environmental characteristic
5. Contain Pb in sealing glass exempted by RoHS directive
6. Industry Standard Package :
3.2 x 2.5 x 0.8 mm (7V Series , 4 pad)
3.2 x 2.5 x 0.85 mm (7V Series , 2 pad)

Application :

- Desktop computer , Notebook , Printer
- Set-Top Box , Server
- Monitor , TV
- USB-Hub
- Game Console



Test condition

Ambient temperature : $25 \pm 5^{\circ}\text{C}$

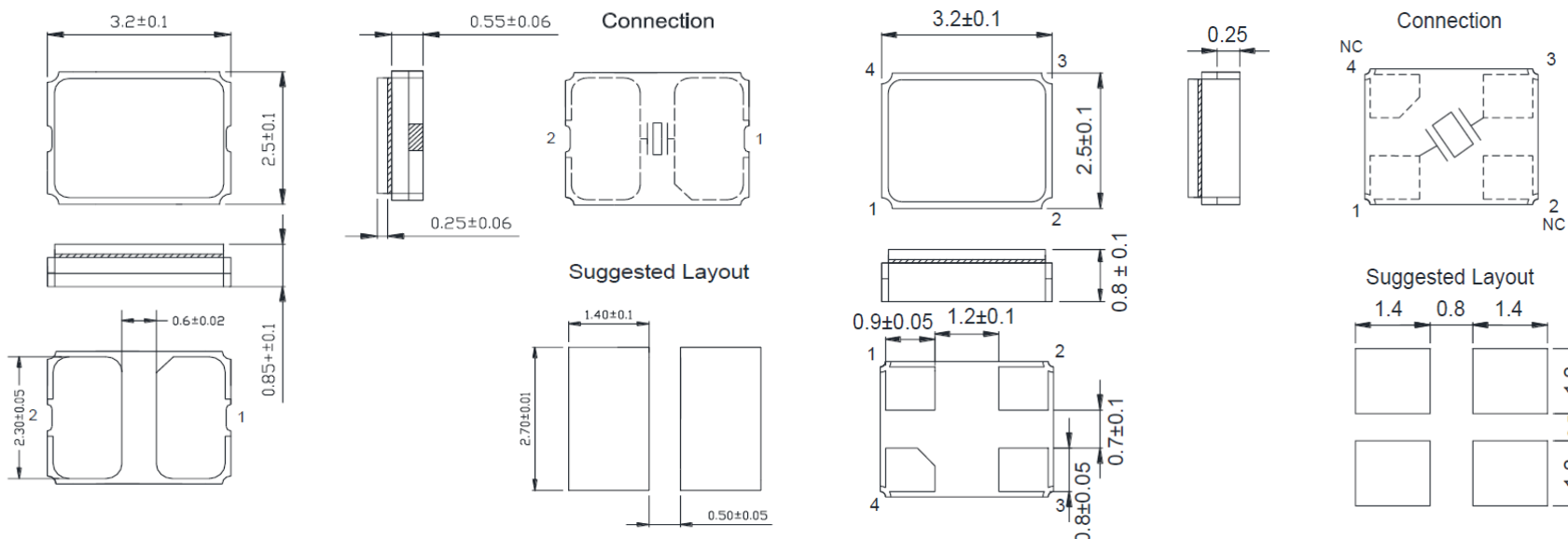
Relative humidity : 40% ~ 70%

● Table 1 . Electrical Specifications

Parameters	Symbol	Min.	Typ.	Max.	Units	Notes
Nominal Frequency	F	8 ~ 55.4			MHz	
Frequency Tolerance	FT	± 10			ppm	@ $25^{\circ}\text{C} \pm 3^{\circ}\text{C}$
Frequency Stability Over Operating Temp. Range (Reference 25°C)	ST	± 20 , ± 30			ppm	@ $-40 \sim 85^{\circ}\text{C}$
		± 30 , ± 50				@ $-40 \sim 105^{\circ}\text{C}$
Operating Temperature	Topr	-40	25	105	$^{\circ}\text{C}$	
Load Capacitance	CL	6~20			pF	
Drive Level	DL	-	100	300	uW	
Equivalent Series Resistance	ESR	-	-	300	Ohm	8~10MHz
		-	-	150		10~16MHz
		-	-	50		16~40MHz
		-	-	40		>40MHz
Aging	-	± 3 , ± 5			ppm	1st Year

Note : The table shows common spec. if you have special spec. requirement , please feel free to contact our salesperson.

● Dimensions



(Unit : mm)