

Product Features

1. All Quartz material with Lid , Blank and PKG
2. 4 pads surface mount package
3. Application for variety of consumer products reference clocks
4. Frequency Stability performance is parabola going downwards.
5. RoHS and REACH Compliant , Pb-free , Halogen-free
6. Industry Standard Package :
1.2*1.0*0.35 mm (T13 Series)

Application :

- Real Time Clock
- System in sleep mode or low energy mode Timekeeping



Test condition

Ambient temperature : 25 ± 5°C

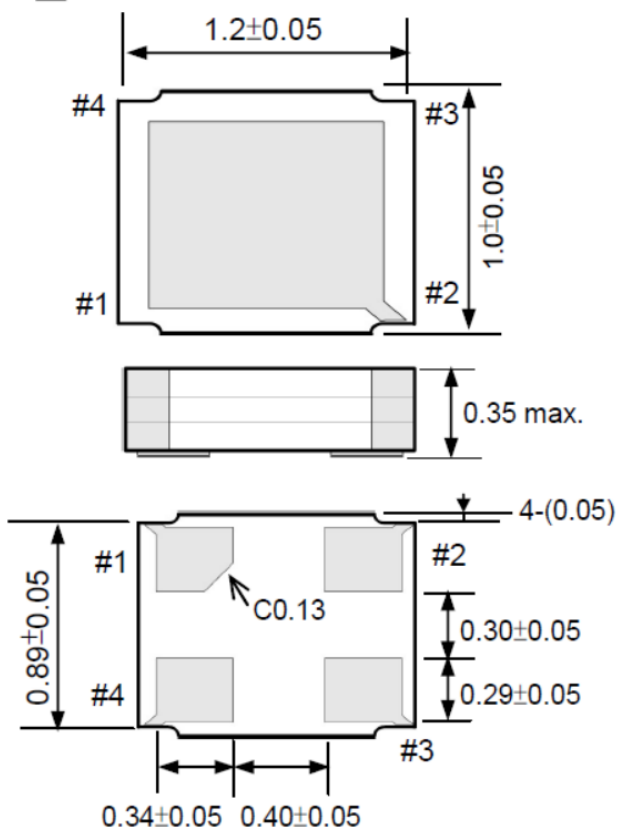
Relative humidity : 40% ~ 70%

● **Table 1 . Electrical Specifications**

Parameters	Symbol	Min.	Typ.	Max.	Units	Notes
Nominal Frequency	F	32.768			KHz	
Frequency Tolerance	FT	± 20			ppm	@25°C±3°C
Parabolic Curvature Constant	K	-0.039			ppm/°C ²	
Operating Temperature	Topr	-40	25	85	°C	
Load Capacitance	CL	6 , 7 , 9 , 12.5			pF	
Drive Level	DL	-	0.1	0.5	uW	
Equivalent Series Resistance	ESR	-	-	90	KOhm	
Aging	-	± 3			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)**



■ **RECOMMENDED SOLDER PAD (UNIT:mm)**

