

**Product Features**

1. 2 pads surface mount package
2. Application for variety of consumer products reference clocks
3. Frequency Stability performance is parabola going downwards.
4. RoHS and REACH Compliant , Pb-free , Halogen-free
5. Industry Standard Package :  
3.2 x 1.5 x 0.75 mm (T10 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%

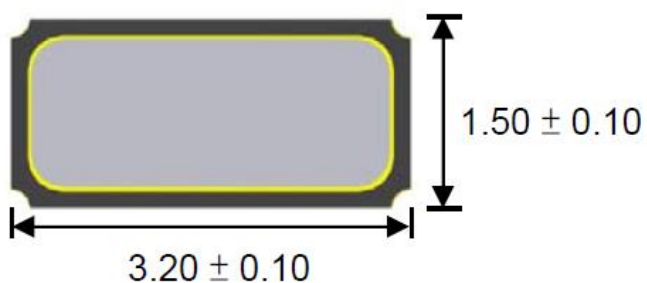
● **Table 1 . Electrical Specifications**

Parameters	Symbol	Min.	Typ.	Max.	Units	Notes
Nominal Frequency	F	32.768			KHz	
Frequency Tolerance	FT	± 10 , ± 20			ppm	@25°C±3°C
Parabolic Curvature Constant	K	-0.04			ppm/°C <sup>2</sup>	
Operating Temperature	Topr	-40	25	105	°c	
Load Capacitance	CL	6 , 7 , 9 , 12.5			pF	
Drive Level	DL	-	0.5	1	uW	
Equivalent Series Resistance	ESR	-	-	50 , 65	KOhm	For different Quartz Blank design
Aging	-	± 3			ppm	1st Year

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

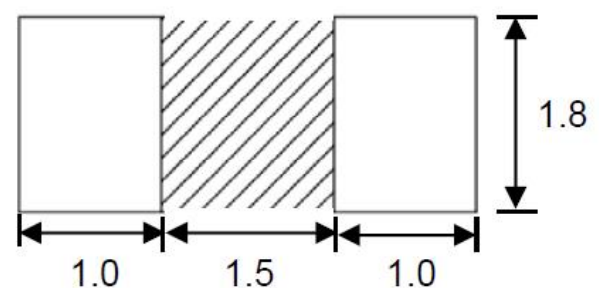
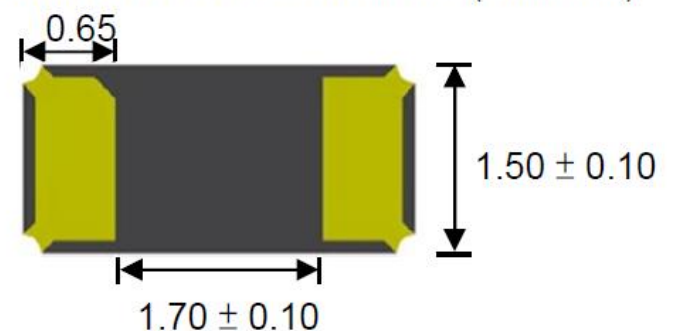
■ **DIMENSIONS**

(UNIT:mm)



■ **RECOMMENDED SOLDER PAD**

(UNIT:mm)



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