

Product Features

1. 2 pads surface mount package
2. High reliable environmental performance
3. Frequency Stability performance is parabola going downwards.
4. RoHS Compliant , Pb-free
5. AECQ-200 Certified for Automotive RTC Applications
6. Industry Standard Package :
3.2 x 1.5 x 0.75 mm (AH Series)

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



Table 1 . Electrical Specifications

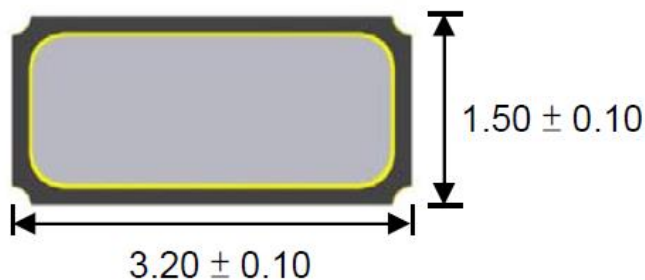
Test condition
Ambient temperature : $25 \pm 5^{\circ}\text{C}$
Relative humidity : 40% ~ 70%

Parameters	Symbol	Min.	Typ.	Max.	Units	Notes
Nominal Frequency	F	32.768			KHz	
Frequency Tolerance	FT	± 10 , ± 20			ppm	@ $25^{\circ}\text{C} \pm 3^{\circ}\text{C}$
Parabolic Curvature Constant	K	-0.04			ppm/ $^{\circ}\text{C}^2$	
Operating Temperature	Topr	-40	25	125	$^{\circ}\text{C}$	
Load Capacitance	CL	6 , 7 , 9 , 12.5			pF	
Drive Level	DL	-	0.1	0.5	uW	
Equivalent Series Resistance	ESR	-	-	70	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)

