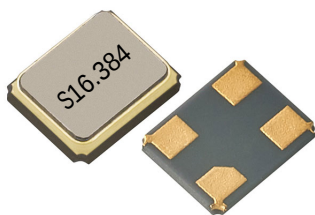


Product Features

- 1. 4 pad AuSn sealing crystal
- 2. Extremely small SMD type crystal units
- 3. Application for smart phone , sip module , variety of compact portable consumer products reference clocks
- 4. High precision and frequency stability
- 5. High reliable environmental performance
- 6. RoHS and REACH Compliant , Pb-free , Halogen-free
- 7. Industry Standard Package :
1.6*1.2*0.35mm (XF Series)

- Application :
- Wearable devices
 - Wi-Fi and BT or other wireless module
 - IoT devices
 - Smart phone
 - Space limited application



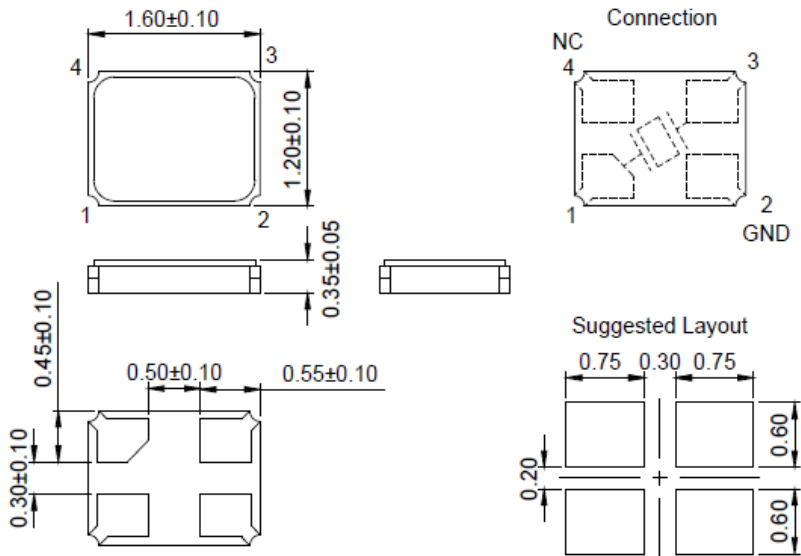
Test condition
Ambient temperature : 25 ± 5°C
Relative humidity : 40% ~ 70%

Table 1 . Electrical Specifications

Parameters	Symbol	Min.	Typ.	Max.	Units	Notes
Nominal Frequency	F	24 ~ 96			MHz	
Frequency Tolerance	FT	± 10			ppm	@25°C±3°C
Frequency Stability Over Operating Temp. Range (Reference 25°C)	ST	± 15			ppm	@-30~85°C
		± 25				@-40~85°C
		± 50				@-40~125°C
Operating Temperature	Topr	-40	25	125	°C	
Load Capacitance	CL	5~18,or specify			pF	
Drive Level	DL	-	100	200	uW	
Equivalent Series Resistance	ESR	-	-	60	Ohm	24~38.4MHz
		-	-	40		38.4~48MHz
		-	-	30		>48MHz
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)