

FCom Quartz Crystal Resonator

Series FCX-1S-A

AEC-Q200 Automotive Crystal Resonator 1.2x1.0 mm



Feature

- Industry Standard Package: 1.2*1.0*0.33mm
- Seam with vacuum Sealed for Ultra-small size
- High precision and high reliability
- RoHS and REACH Compliant , Pb-free
- AEC-Q200 Compliant

Application

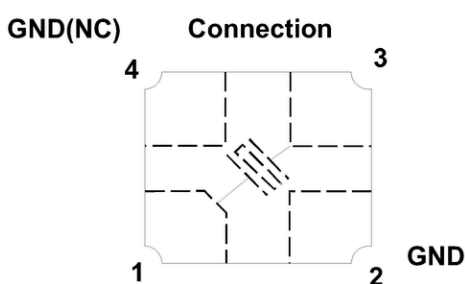
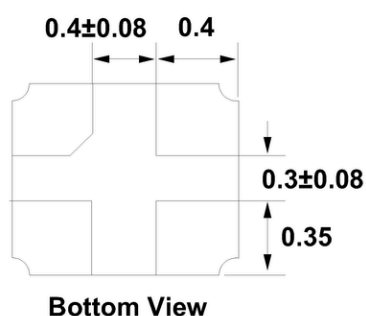
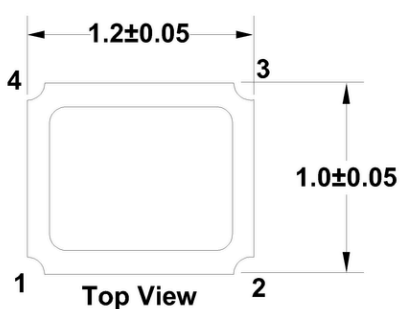
- Wearable devices
- Wi-Fi and BT or other wireless module
- IoT devices
- Smart phone
- Space limited application

ELECTRICAL SPECIFICATIONS

Parameters	Symbol	Min.	Typ.	Max.	Units	Notes	
Nominal Frequency	F	24 ~ 76.8			MHz		Test condition Ambient temperature: 25 ± 5°C Relative humidity: 40% ~ 70%
Frequency Tolerance	FT	± 10			ppm	@25°C±3°C	
Frequency Stability Over Operating Temp. Range (Reference 25°C)	ST	± 50			ppm	@-40~125°C	
Operating Temperature	Topr	-40	25	125	°C		
Load Capacitance	CL	6 , 10, 18 or specify			pF		
Drive Level	DL	-	10	100	uW		
Equivalent Series Resistance	ESR	-	-	100	Ohm	24~32MHz	
		-	-	80		37.4~48MHz	
		-	-	60		>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.

DIMENSION(mm)



4pin connect to GND.NC is Open

