

FCom Quartz Crystal Resonator

Series FCX-1M-LC

Low CL Crystal Resonator 1.6x1.2 mm



Feature

- Industry Standard Package: 1.6*1.2*0.33mm
- High reliable environmental performance
- High precision and high reliability
- RoHS and REACH Compliant , Pb-free

Application

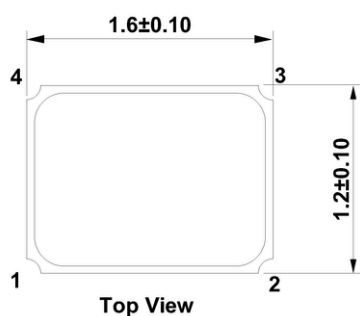
- Wearable devices
- Wi-Fi and BT or other wireless module
- IoT devices
- Smart phone
- Space limited application

ELECTRICAL SPECIFICATIONS

Parameters	Symbol	Min.	Typ.	Max.	Units	Notes	
Nominal Frequency	F	24 ~ 60			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	± 30			ppm	@-40~95°C	
Operating Temperature	Topr	-40	25	95	°C		
Load Capacitance	CL	4			pF		
Drive Level	DL	-	10	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.

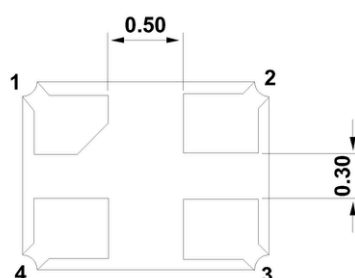
DIMENSION(mm)



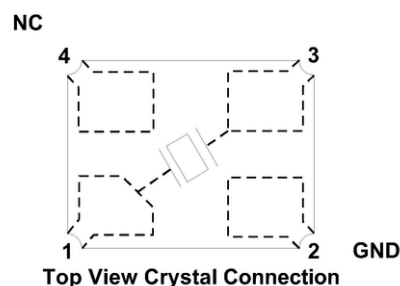
Top View



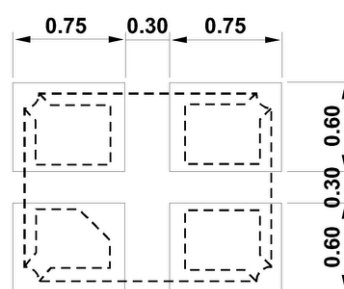
Side View



Bottom View



Top View Crystal Connection



Top View Suggested Layout