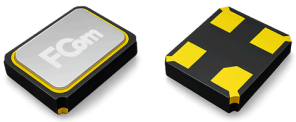
FCom Quartz Crystal Resonator

Series FCX-2S

SMD Crystal Resonator 2.0x1.6 mm



Feature

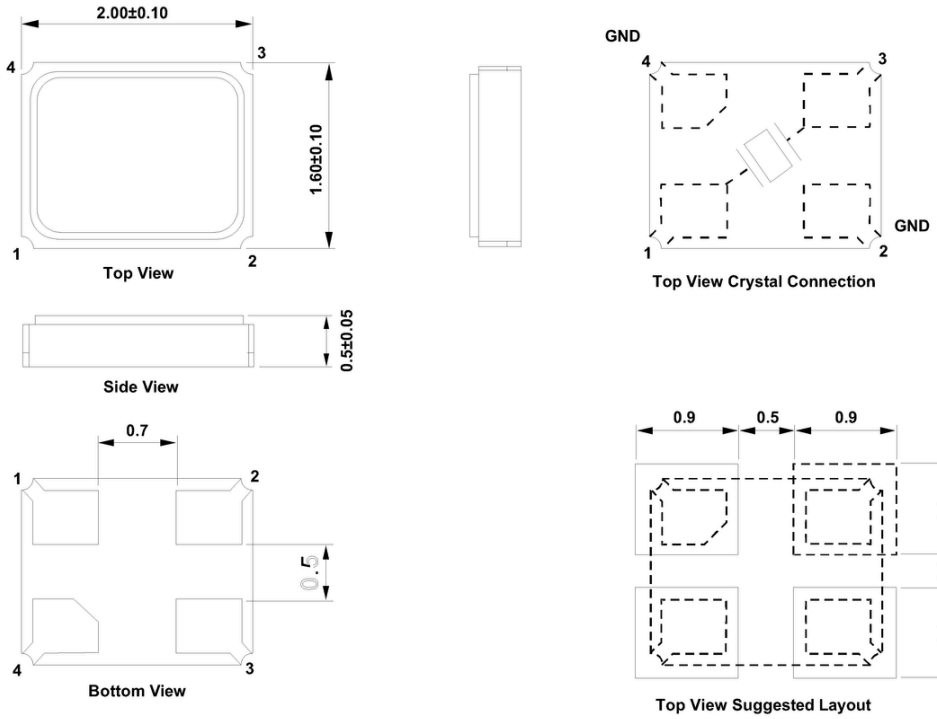
- Size 2.0×1.6, Ultra thin, thickness 0.5mm
- High precision and high frequency stability
- Extremely good for reducing EMI effect
- RoHS and REACH Compliant , Pb-free

Application

- Wireless Communication
- CPE, Router, Ethernet Switch
- Gateway, Set-Top Box
- Notebook, Tablet, Server, Cloud
- Industry

ELECTRICAL SPECIFICATIONS

Parameters	Symbol	Min.	Typ.	Max.	Units	Notes	
Nominal Frequency	F	16 ~ 96			MHz		Test condition Ambient temperature: 25 ± 5°C Relative humidity: 40% ~ 70%
Frequency Tolerance	FT	± 5			ppm	16~60MHz	
		± 5				>60MHz	
Frequency Stability Over Operating Temp. Range (Reference 25°C)	ST	± 20			ppm	@-40~95°C	
		± 30			ppm	@-40~105°C	
		± 80			ppm	@-40~125°C	
Operating Temperature	Topr	-40	25	125	°C		
Load Capacitance	CL	6 , 10, 18 or specify			pF		
Drive Level	DL	-	10	200	uW		
Equivalent Series Resistance	ESR	-	-	100	Ohm	16~20MHz	
		-	-	80		20~60MHz	
		-	-	30		60~96MHz	
Aging	-	± 3, ± 5			ppm	1st Year	

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

DIMENSION(mm)