FCom Quartz Crystal Resonator

Series HCM49S

SMD Crystal Resonator HC-49/US SMD

Feature

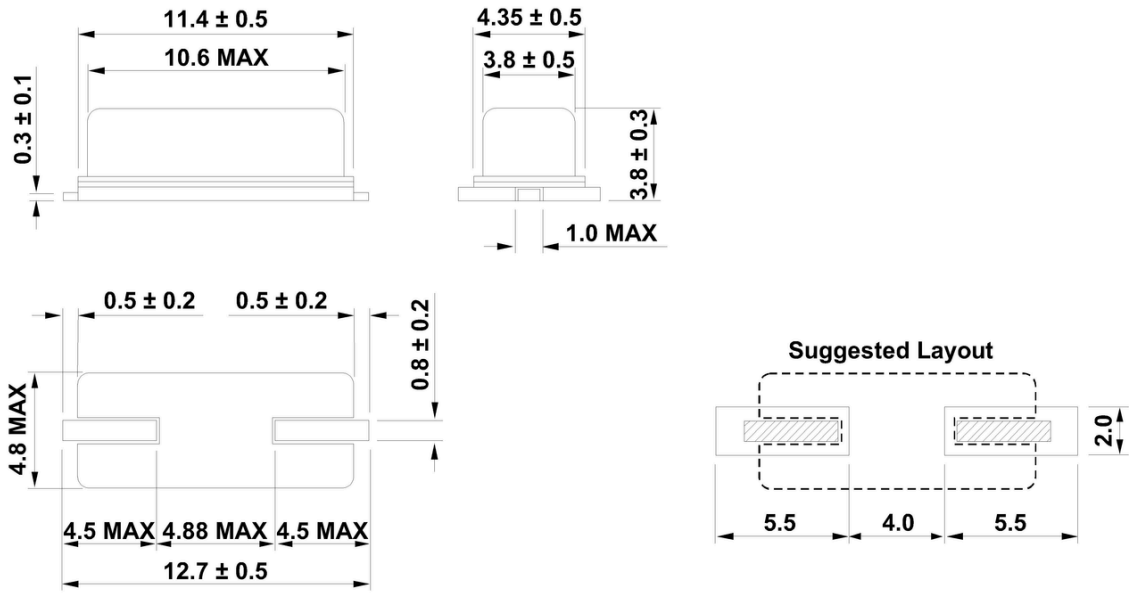
- Surface mount type crystal units
- A great number of standard frequencies
- Lower cost and highly mass production capability
- RoHS and REACH Compliant , Pb-free

Application

- Bluetooth
- WLAN
- IoT, MPU

ELECTRICAL SPECIFICATIONS

Parameters	Symbol	Min.	Typ.	Max.	Units	Notes	
Nominal Frequency	F	3.2 ~ 64			MHz		Test condition Ambient temperature: 25 ± 5°C Relative humidity: 40% ~ 70%
Frequency Tolerance	FT	± 5			ppm	@25°C±3°C	
Frequency Stability Over Operating Temp. Range (Reference 25°C)	ST	± 30			ppm	@-40~95°C	
		± 50			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	-	100	500	uW		
Equivalent Series Resistance	ESR	-	-	120	Ohm	3.2~5.999MHz	
		-	-	90		6~7.999MHz	
		-	-	40		8~15.999MHz	
		-	-	30		16~40MHz	
		-	-	100		>40MHz	
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)