

FCom Quartz Crystal Resonator

Series FCX-4U

Through Hole Crystal Resonator HC-49U



Feature

- Resistance welded type crystal units
- Higher frequency pullability and lower equivalent series resistance
- RoHS and REACH Compliant , Pb-free

Application

- Consumer Electronics
- Test and Measurement
- Computer Peripherals
- FPGA/Microcontrollers

ELECTRICAL SPECIFICATIONS

Parameters	Symbol	Min.	Typ.	Max.	Units	Notes	
Nominal Frequency	F	1.8 ~ 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	10, 18, 20 or specify			pF		
Drive Level	DL	-	100	500	uW		
Equivalent Series Resistance	ESR	-	-	300	Ohm	1.8~2.4MHz	
		-	-	200		2.4~3.5MHz	
		-	-	80		3.5~7MHz	
		-	-	40		7~54MHz	
		-	-	80		>54MHz	
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)

