

FCom Quartz Crystal Resonator

Series FCX-M5

Through Hole Crystal Resonator UM-5



Feature

- MHz DIP Crystal, UM-5 Type
- Excellent shock resistance
- Excellent aging characteristics
- RoHS and REACH Compliant , Pb-free

Application

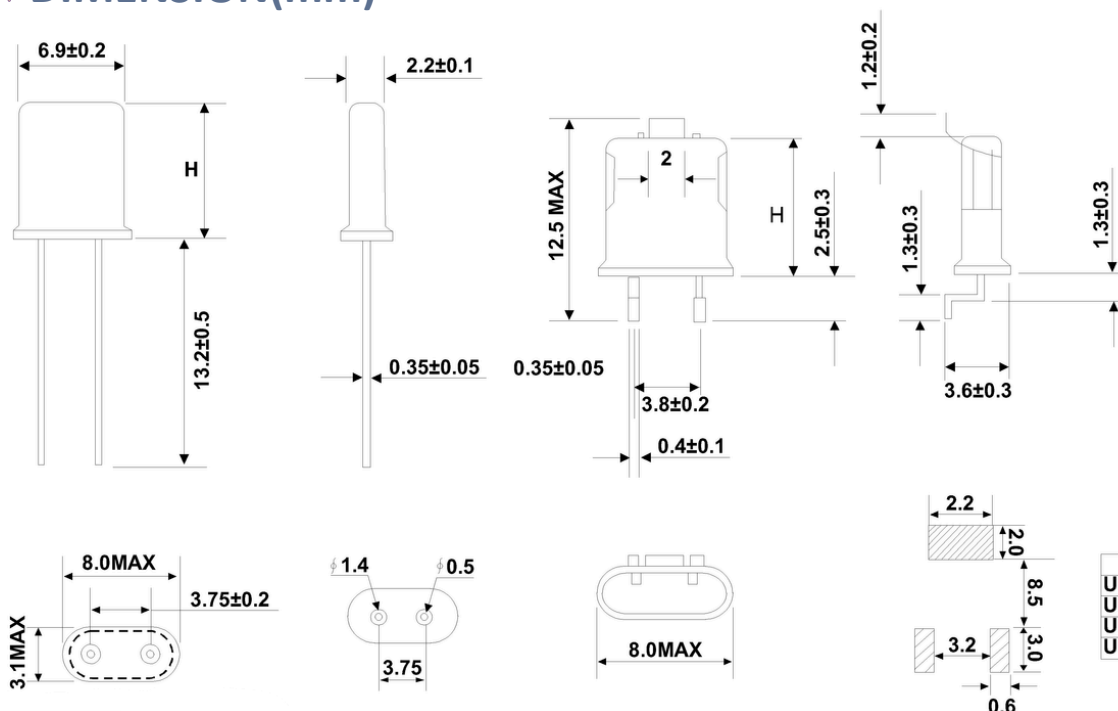
- Communication Electronics
- Measurement Instrument

ELECTRICAL SPECIFICATIONS

Parameters	Symbol	Min.	Typ.	Max.	Units	Notes	
Nominal Frequency	F	4 ~ 200			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	-	10	100	uW		
Equivalent Series Resistance	ESR	-	-	80	Ohm	4~20MHz	
		-	-	30		20~48MHz	
		-	-	80		24~100MHz, 3rd	
		-	-	100		100~200MHz, 5th	
Aging	-	± 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)



Type	H(mm)
UM-1	7.8±0.2
UM-1/SMD	7.8±0.2
UM-5	6.0±0.2
UM-5/SMD	6.0±0.2