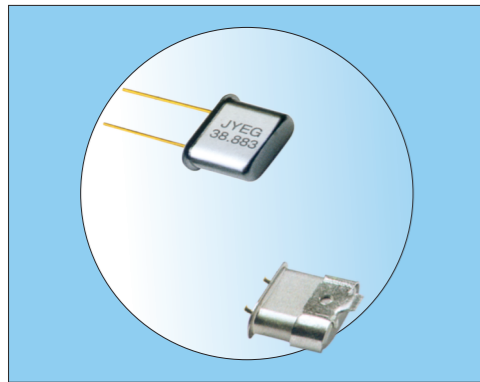


# Quartz Crystals

Quartz Crystal Unit /UM-5, UM-5/SMD – CLIP

CRYSTAL



## Features

- JYEG Part number: JYM5,JYM5D
- TAPE & Reel,insulator tab, 3rd lead
- Custom lead length options available
- Tight tolerance/stability

## TYPICAL SPECIFICATIONS

Type	UM-5		UM-5/SMD-CLIP	
	10~45MHZ	30~100MHZ	80~155MHZ	120~200MHZ
Frequency Range	10~45MHZ	30~100MHZ	80~155MHZ	120~200MHZ
Mode of Vibration	ATFundamental	3th Overtone	5th Overtone	7th Overtone
Resonance Resistance(Ω)	60Max	60Max	80Max	120Max
Frequency Tolerance at 25°C	± 5ppm~ ± 50ppm			
Shunt Capacitance	7pF Max			
Frequency Stability Over Temperature Range	See table			
Load Capacitance	6~50pF or Series			
Insulation Resistance	> 500MΩ/DC/100V ± 15V			
Drive Level	0.01mW~1mW			
Aging	± 3ppm/year Max			

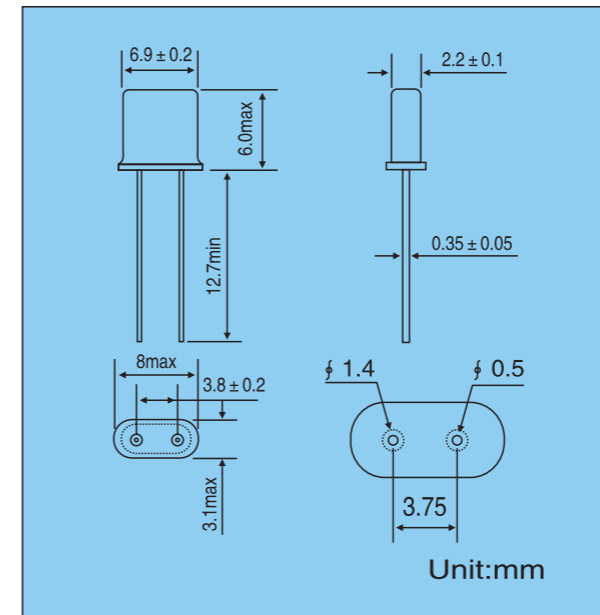
## FREQUENCY STABILITY OVER TEMPERATURE RANGE(AT CUT)

Temperature Range	Frequency Stability						
	± 3ppm	± 5ppm	± 10ppm	± 15ppm	± 20ppm	± 30ppm	± 50ppm
0°C ~ +50°C	☆	☆	☆	☆	☆	☆	☆
-10°C ~ +60°C	☆	☆	☆	☆	☆	☆	☆
-20°C ~ +70°C		☆	☆	☆	☆	☆	☆
-40°C ~ +85°C				☆	☆	☆	☆
-40°C ~ +105°C						☆	☆
-55°C ~ +125°C							☆

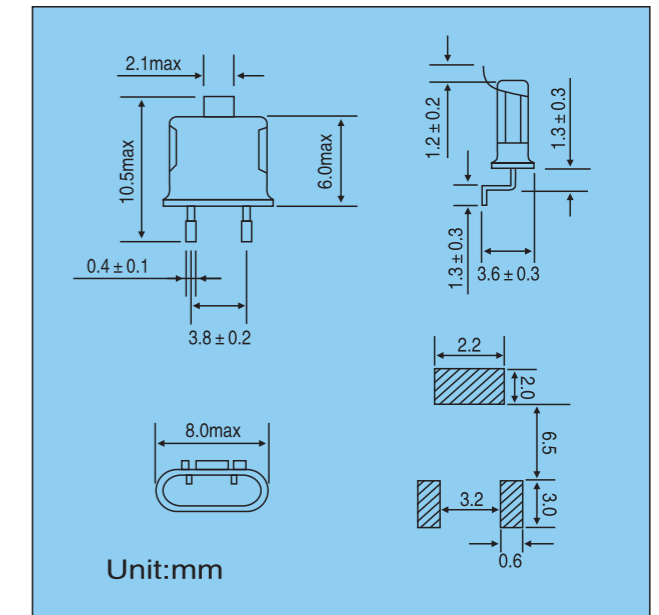
# Quartz Crystals

CRYSTAL

## UM-5(JYM5)



## UM-5/SMD(JYM5D)



## TAPE AND REEL DIMENSIONS(JYM5D)

