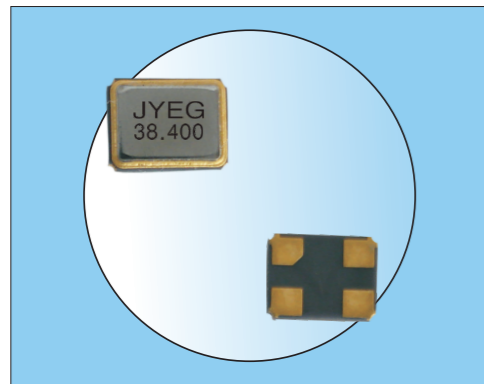


# Quartz Crystals

## Surface Mount Type Quartz Crystal / SMD3225

CRYSTAL



### Features

- JYEG part number: JYD3
- AT cut
- Seam seal
- Tape and reel
- Tight tolerance/stability
- Suit for mobile communication

### TYPICAL SPECIFICATIONS

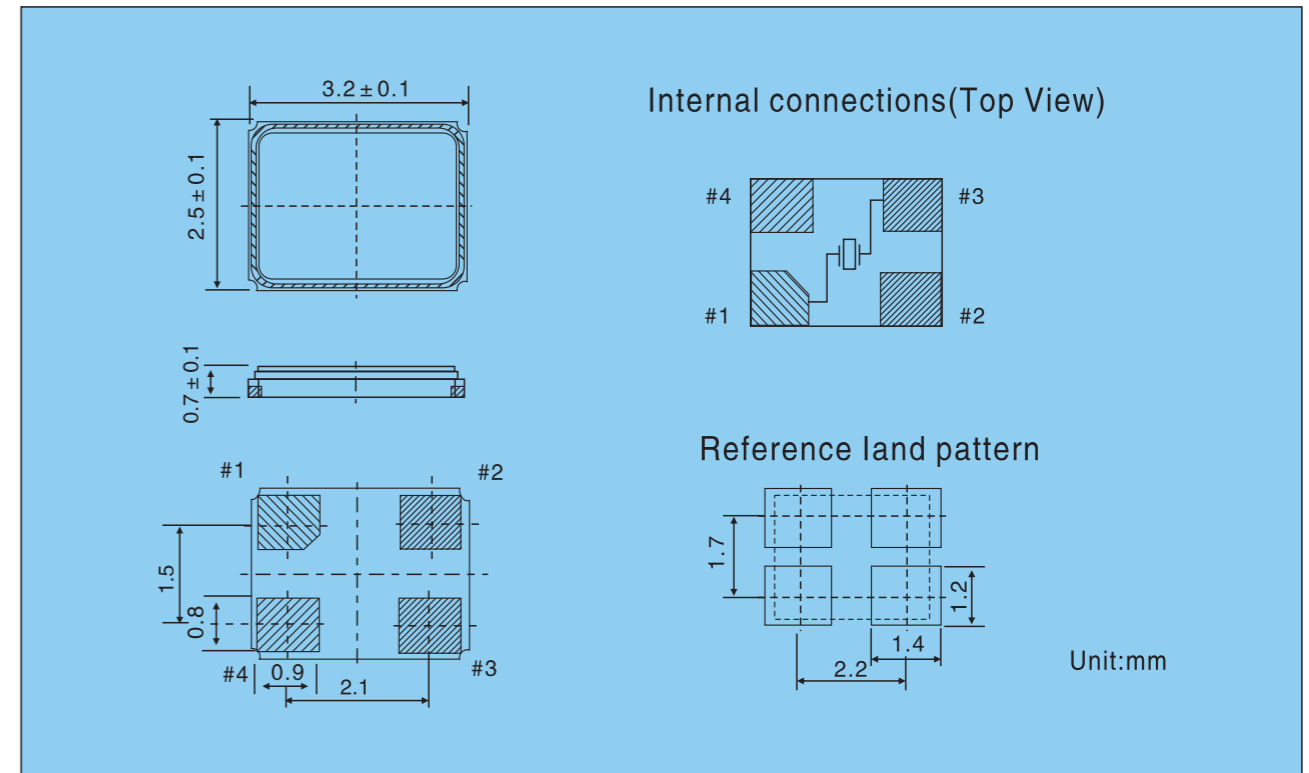
Type	SMD3225
Frequency Range(MHz)	8.000~200.000MHz
Mode of vibration	Fundamental
Frequency Tolerance(at 25°C)	≥ ± 10 ppm
Shunt Capacitance	2PF Max
Load Capacitance	6~50 PF or Series
Resonance Resistance	<500Ω @ <12MHZ <70Ω @12~20MHZ <40Ω @20~40MHZ <25Ω @>40MHZ
Drive Level	200 μ W Max.
Aging	±2ppm / year Max
Insulation Resistance	500MΩ @ DC100V
Storage Temperature Range	-55~125°C

### FREQUENCY STABILITY OVER TEMPERATURE RANGE(AT CUT)

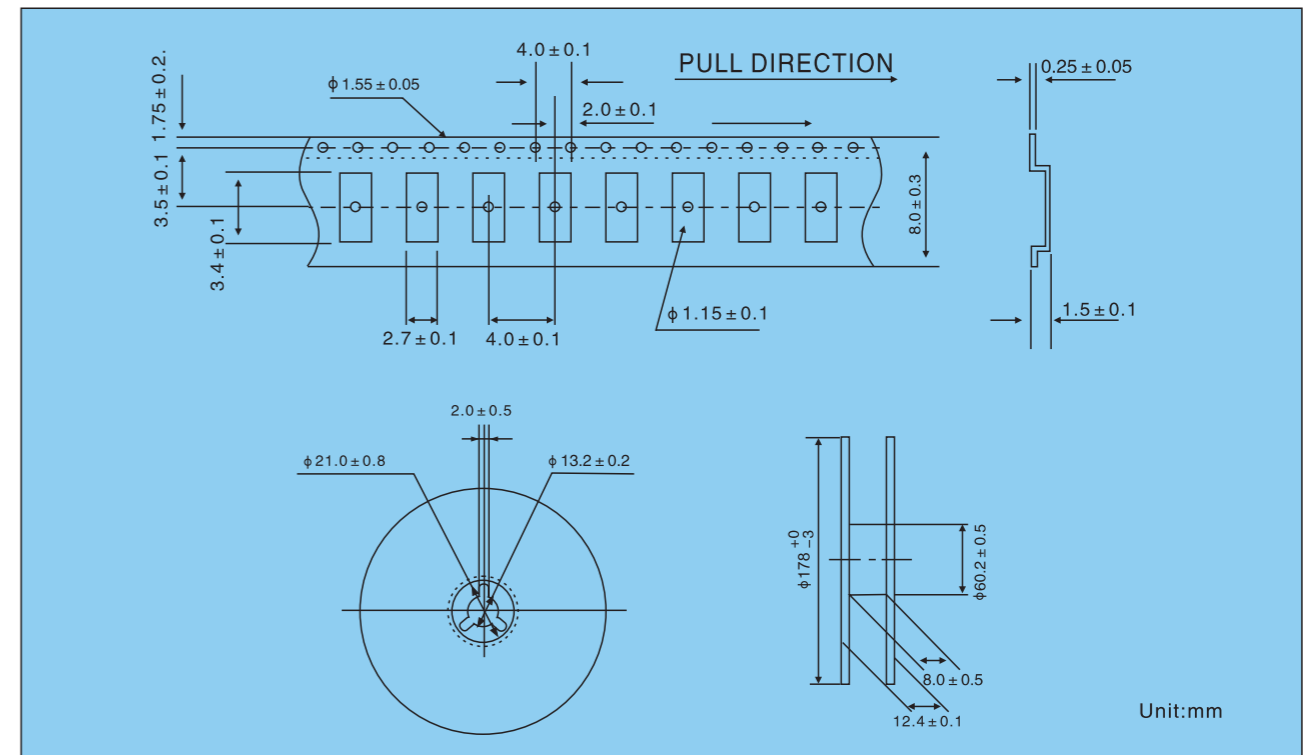
Temperature Range	Frequency Stability						
	± 5ppm	± 10ppm	± 15ppm	± 20ppm	± 30ppm	± 50ppm	± 100ppm
0°C~+50°C	☆	☆	☆	☆	☆	☆	☆
-10°C~+60°C		☆	☆	☆	☆	☆	☆
-20°C~+70°C		☆	☆	☆	☆	☆	☆
-40°C~+85°C			☆	☆	☆	☆	☆
-40°C~+105°C					☆	☆	☆
-40°C~+125°C							☆

# Quartz Crystals

## SMD3225(JYD3)



### TAPE AND REEL DIMENSIONS



CRYSTAL