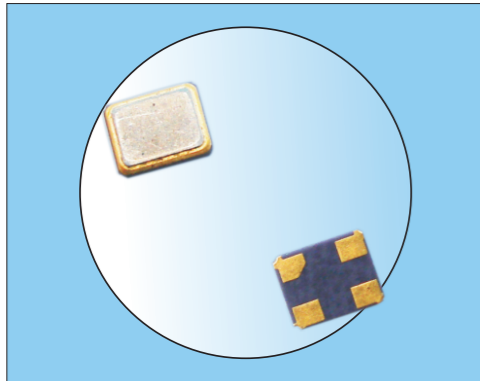


# Quartz Crystals

## Surface Mount Type Quartz Crystal / SMD2520

CRYSTAL



### Features

- JYEG part number: JYD2
- AT cut
- Seam seal
- Tape and reel
- Tight tolerance/stability
- Suit for mobile communication

### TYPICAL SPECIFICATIONS

Type	SMD2520
Frequency Range(MHz)	16.000~200.000MHz
Mode of vibration	Fundamental
Frequency Tolerance(at 25°C)	≥ ± 10 ppm
Shunt Capacitance	2PF Max
Load Capacitance	6~50 PF or Series
Resonance Resistance	< 60Ω @16~27MHz < 40Ω @27~200MHz
Drive Level	200 μ W Max.
Aging	±2ppm / year Max
Insulation Resistance	500MΩ @DC100V
Storage Temperature Range	-55~125°C

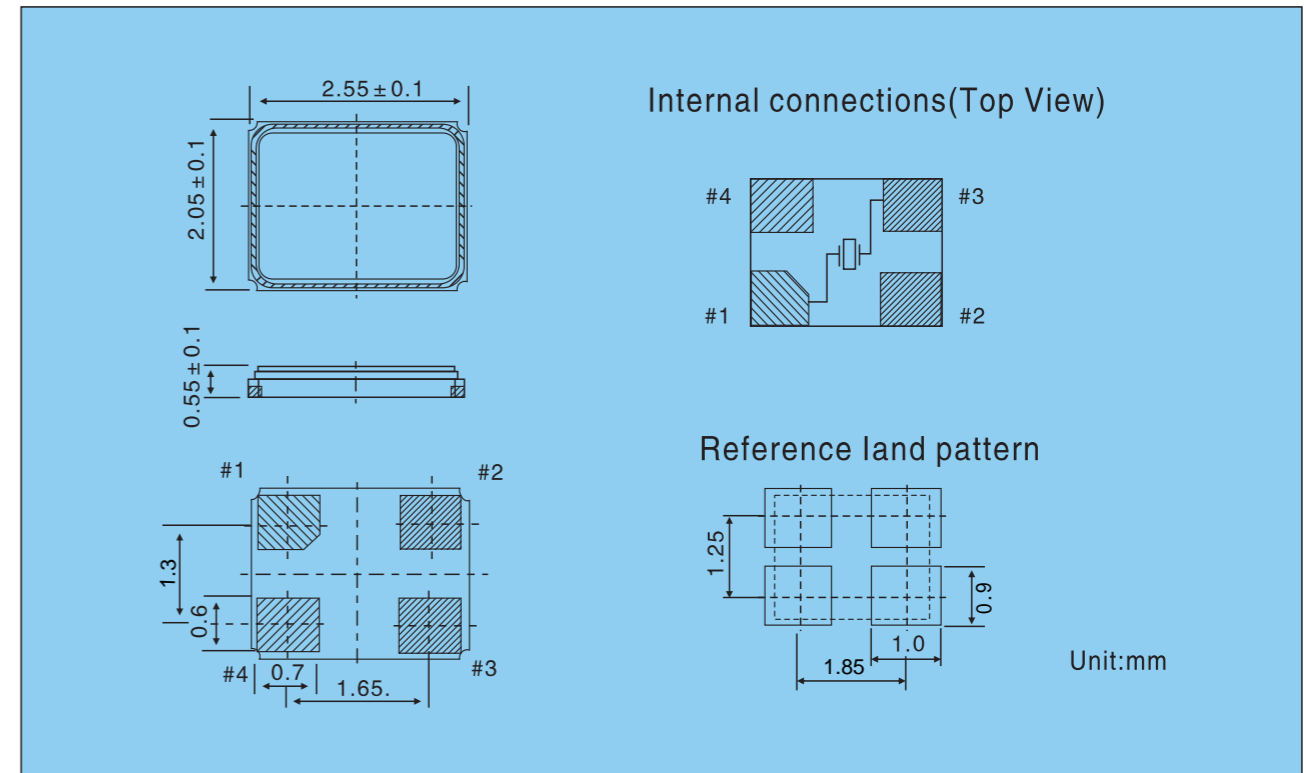
### FREQUENCY STABILITY OVER TEMPERATURE RANGE(AT CUT)

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

CRYSTAL

## SMD2520(JYD2)



### TAPE AND REEL DIMENSIONS

