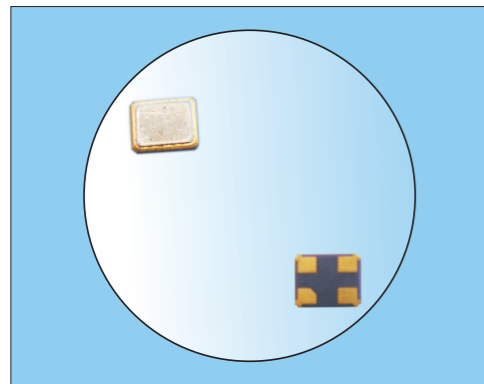


Quartz Crystals

Surface Mount Type Quartz Crystal / SMD2016

CRYSTAL



Features

- JYEG part number: JYD1
- AT cut
- Seam seal
- Tape and reel
- Tight tolerance/stability
- Suit for mobile communication

TYPICAL SPECIFICATIONS

Type	SMD2016
Frequency Range(MHz)	16.000~200.000MHz
Mode of vibration	Fundamental
Frequency Tolerance(at 25°C)	≥ ± 10 ppm
Shunt Capacitance	1.5 PF Max
Load Capacitance	6~50 PF or Series
Resonance Resistance	<200Ω @ 16~20MHz <100Ω @ 20~24MHz <50Ω @ 24~20MHz
Drive Level	200 μ W Max.
Aging	±2ppm / year Max
Insulation Resistance	500MΩ @ DC100V
Storage Temperature Range	-55~125°C

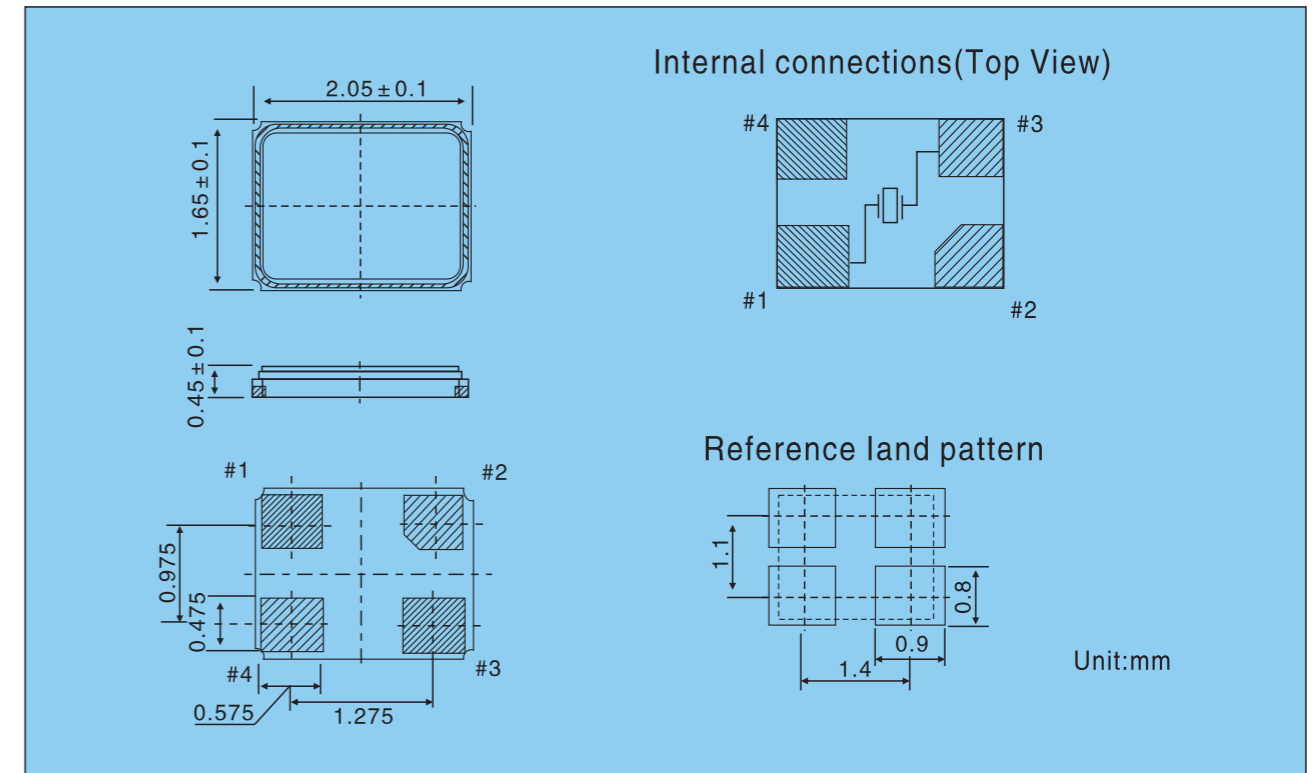
FREQUENCY STABILITY OVER TEMPERATURE RANGE(AT CUT)

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

SMD2016(JYD1)



TAPE AND REEL DIMENSIONS

