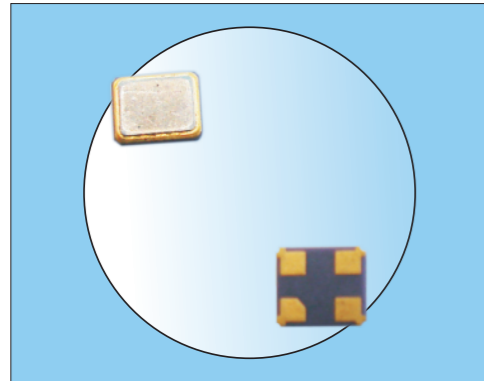


Quartz Crystals

Surface Mount Type Quartz Crystal / SMD1612

CRYSTAL



Features

- JYEG part number: JYD8
- AT cut
- Seam seal
- Tape and reel
- Tight tolerance/stability
- Suit for mobile communication

TYPICAL SPECIFICATIONS

Type	SMD1612
Frequency Range(MHz)	24.000~80.000MHz
Mode of vibration	Fundamental
Frequency Tolerance(at 25°C)	≥ ± 10 ppm
Shunt Capacitance	1 PF Max
Load Capacitance	6~50 PF or Series
Resonance Resistance	<200Ω @ 24~32MHz <100Ω @ 32~38MHz <80Ω @ 38~80MHz
Drive Level	200 μ W Max.
Aging	± 1ppm ~ ± 3ppm / year
Insulation Resistance	500MΩ @ DC100V
Storage Temperature Range	-55~125°C

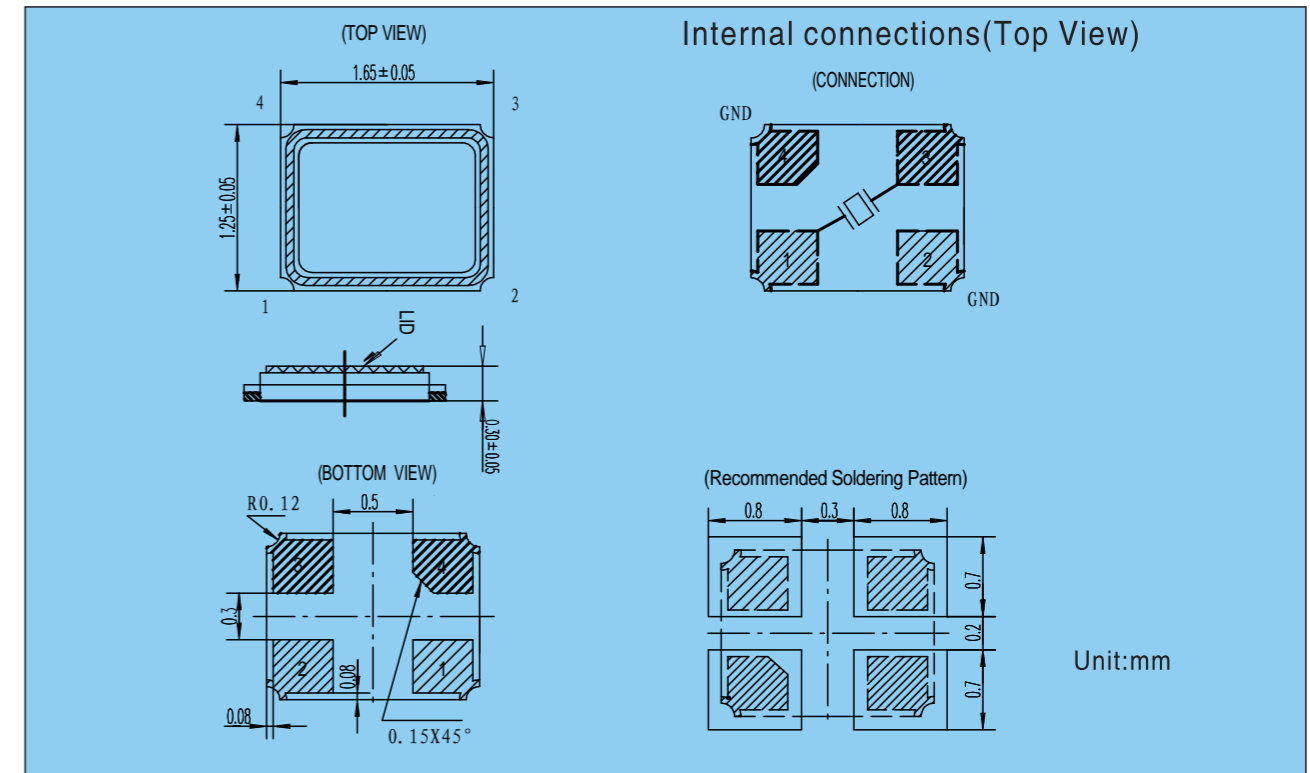
FREQUENCY STABILITY OVER TEMPERATURE RANGE(AT CUT)

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

SMD1612(JYD8)



TAPE AND REEL DIMENSIONS

