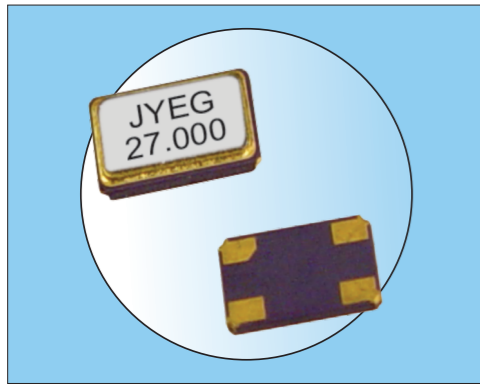


Quartz Crystals

Quartz Crystals

Surface Mount Type Quartz Crystal / SMD6035

CRYSTAL



Features

- JYEG part number: JYD6
- AT CUT
- Seam seal
- Tape and reel
- Tight tolerance/stability

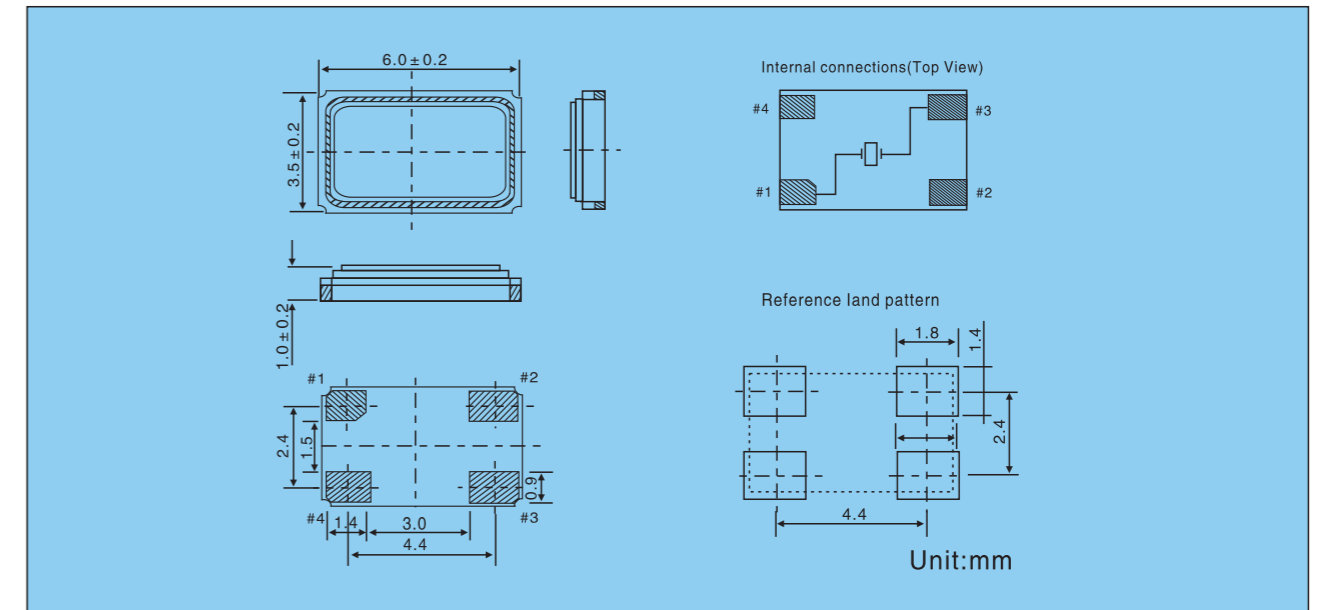
TYPICAL SPECIFICATIONS

Type	SMD6035
Frequency Range	8~48MHz
Mode of Vibration	8 ≤ F ≤ 40MHz Fund 40 < F ≤ 48MHz 3rd
Resonance Resistance(Ω)	80Max@8 ≤ F ≤ 16MHz ; 40Max@16 < F < 30MHz ; 30Max@30 ≤ F ≤ 40MHz ; 80Max@F > 40MHz
Frequency Tolerance at 25°C	≥ ± 10ppm
Shunt Capacitance	5pF Max
Frequency Stability Over Temperature Range	See table
Load Capacitance	6~50pF or Series
Insulation Resistance	> 500MΩ/DC100V ± 10V
Drive Level	200 μ W Max.
Aging	± 2ppm/year Max
Storage Temperature Range	-55~125°C

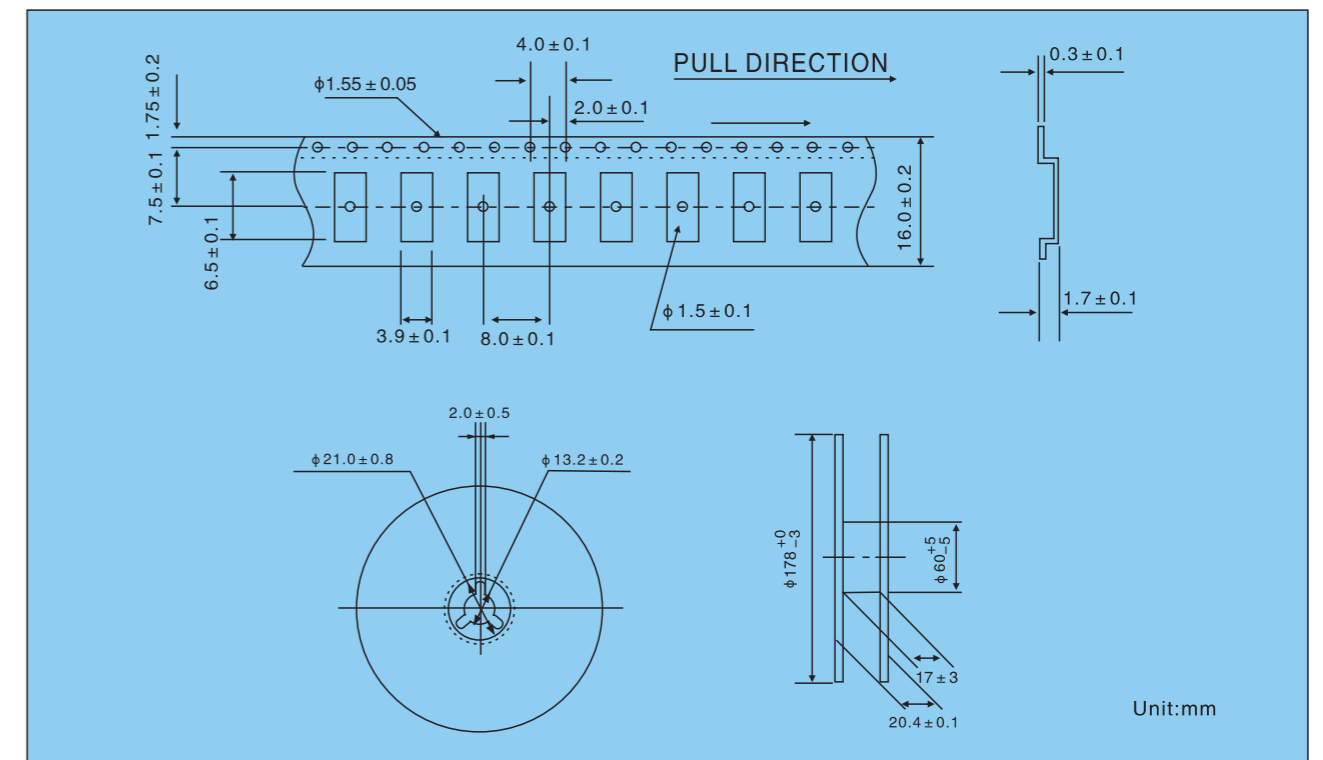
FREQUENCY STABILITY OVER TEMPERATURE RANGE(AT CUT)

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

SMD6035(JYD6)



TAPE AND REEL DIMENSIONS



CRYSTAL