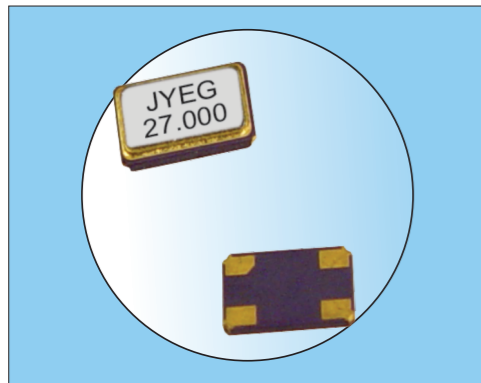


Quartz Crystals

Surface Mount Type Quartz Crystal / SMD5032

CRYSTAL



Features

- JYEG part number: JYD5
- AT CUT
- Seam seal
- Tape and reel
- Tight tolerance/stability

TYPICAL SPECIFICATIONS

Type	SMD5032
Frequency Range	8~112MHz
Mode of Vibration	$8 \leq F \leq 54\text{MHz}$ Fund $54 < F \leq 112\text{MHz}$ 3rd
Frequency Tolerance at 25°C	$\geq \pm 10\text{ppm}$
Resonance Resistance(Ω)	80Max@ $8 \leq F < 16\text{MHz}$ 25Max@ $16 \leq F \leq 54\text{MHz}$ 80Max@ $F > 54\text{MHz}$
Shunt Capacitance	5pF Max
Load Capacitance	6~50pF or Series
Insulation Resistance	$> 500\text{M}\Omega/\text{DC}100\text{V} \pm 10\text{V}$
Drive Level	200 μ W Max.
Aging	$\pm 2\text{ppm/year}$ Max
Storage Temperature Range	-55~125°C

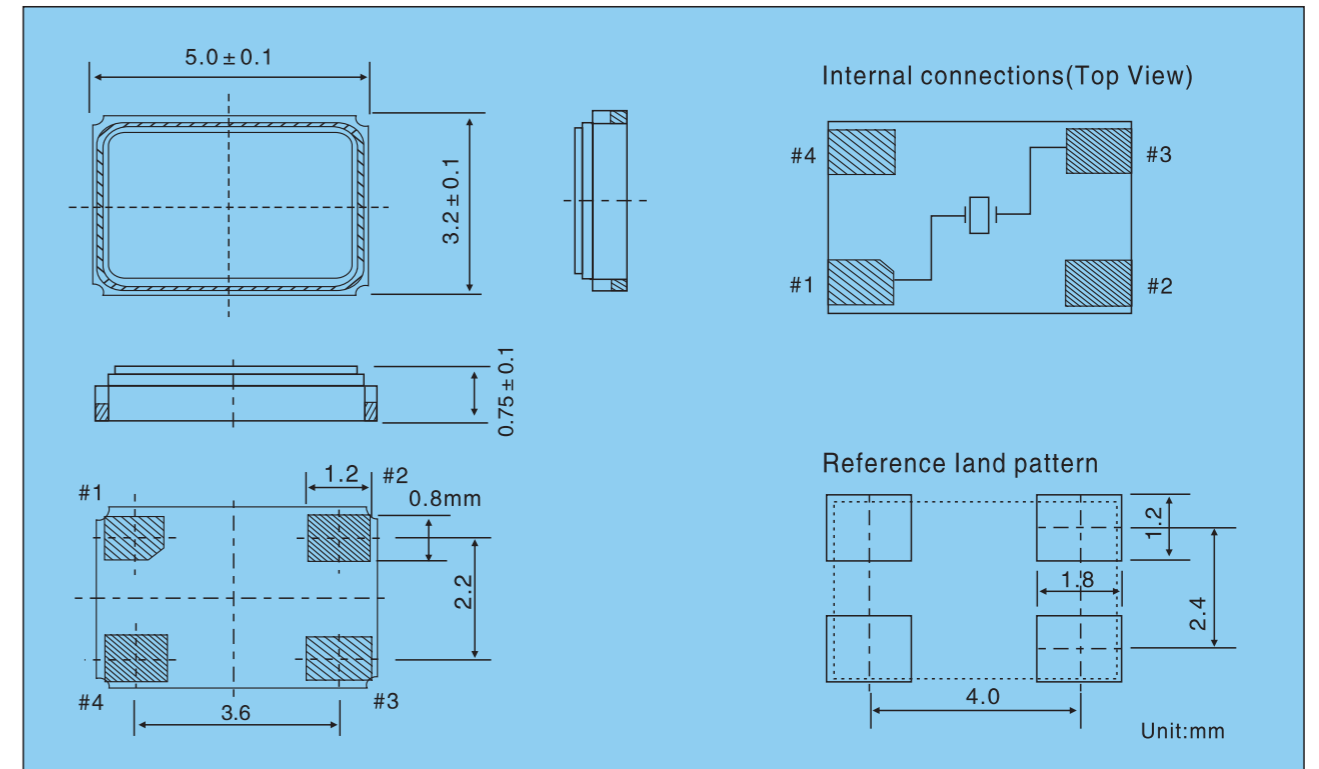
FREQUENCY STABILITY OVER TEMPERATURE RANGE(AT CUT)

Temperature Range	Frequency Stability					
	$\pm 5\text{ppm}$	$\pm 10\text{ppm}$	$\pm 15\text{ppm}$	$\pm 20\text{ppm}$	$\pm 30\text{ppm}$	$\pm 50\text{ppm}$
0°C~+50°C	☆	☆	☆	☆	☆	☆
-10°C~+60°C		☆	☆	☆	☆	☆
-20°C~+70°C		☆	☆	☆	☆	☆
-40°C~+85°C			☆	☆	☆	☆

Quartz Crystals

CRYSTAL

SMD5032(JYD5)



TAPE AND REEL DIMENSIONS

