

CRYSTAL RESONATOR

LEAD TYPE

SMD-49 TYPE

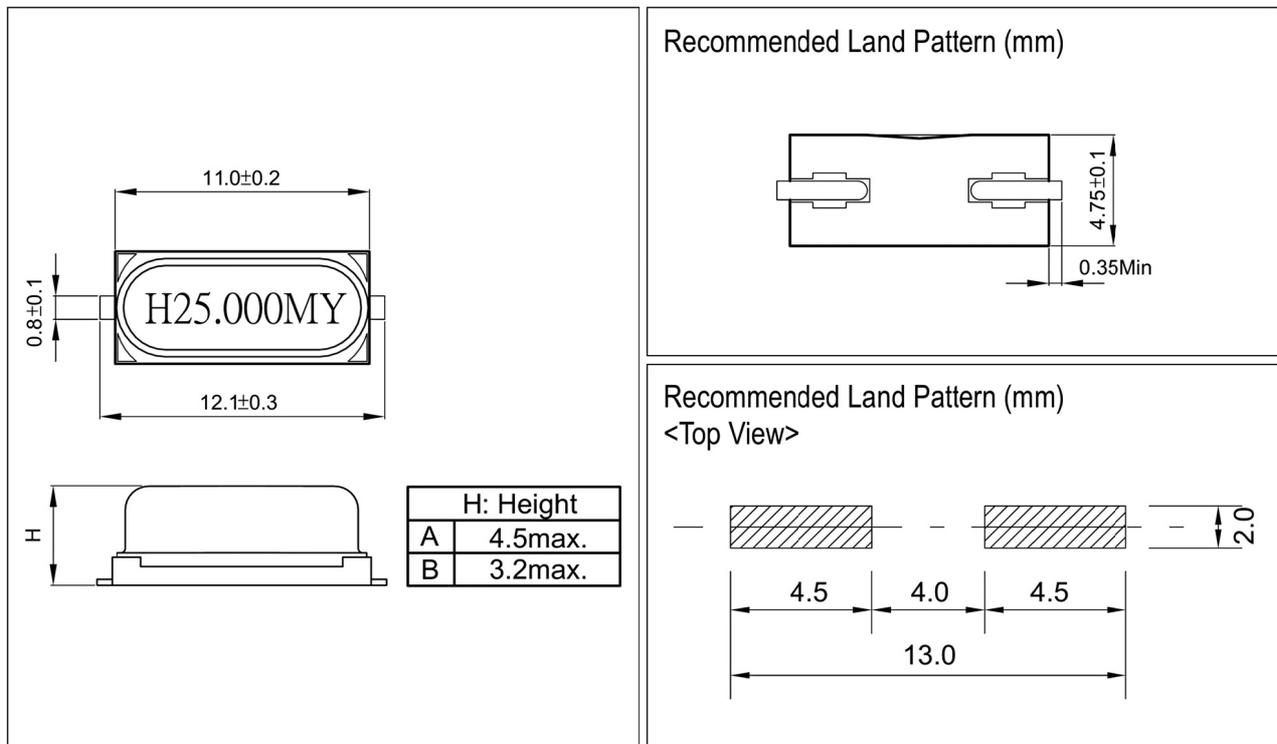


Features:

- This series applies reliable resistance-weld sealing which ensure high specification performance.
- Height can be custom designed according to customer requirement.
- High reliability against shock and vibration.
- Ideal solution for DIP clock design looking to switch to SMD production without drastic changes



Dimension (mm):



Standard Specification:

TEM	TYPE	SMD-49	FREQUENCY	Mode	RR/SERIES
Frequency Range		A 3.0 ~ 75 MHz	B 6.0~75MHz	3.0 ~ 3.6 MHz	Fund. 150ΩMax.
Oscillation Mode	Thickness Shear Mode	Fundamental; 3rd Overtone		3.7 ~ 4.2 MHz	Fund. 100ΩMax.
Frequency Tolerance (at 25°C)		±30ppm, ±50ppm, ±100ppm, or specify		4.3 ~ 6.0 MHz	Fund. 80ΩMax.
Frequency Stability Over Operating Temperature Range (Ref. to 25°C)		±30ppm, ±50ppm, ±100ppm (standard), or specify		6.1 ~ 10.0 MHz	Fund. 60ΩMax.
Operating Temperature Range		-10 ~ +60°C		10.1 ~ 14.0 MHz	Fund. 50ΩMax.
Drive Level (DL)		100µW Typ, or specify		14.1 MHz ~	Fund. 40ΩMax.
Load Capacitance (CL)		Series, 12pF, 16pF, 20pF, 32pF (Fund.) or specify. 8pF, 10pF, 12pF, 16pF (3rd) or specify		26.0 ~ 29.0 MHz	Fund. 40ΩMax 3rd. 150ΩMax.
Storage Temperature Range		-30 ~ +80°C		29.1 ~ 40.0 MHz	Fund. 40ΩMax 3rd. 100ΩMax.
Aging (at 25°C)		±5ppm/year Max.		40.1 ~ 75.0 MHz	3rd. 80ΩMax.

*Packing Unit: 1,000pcs/Reel.