



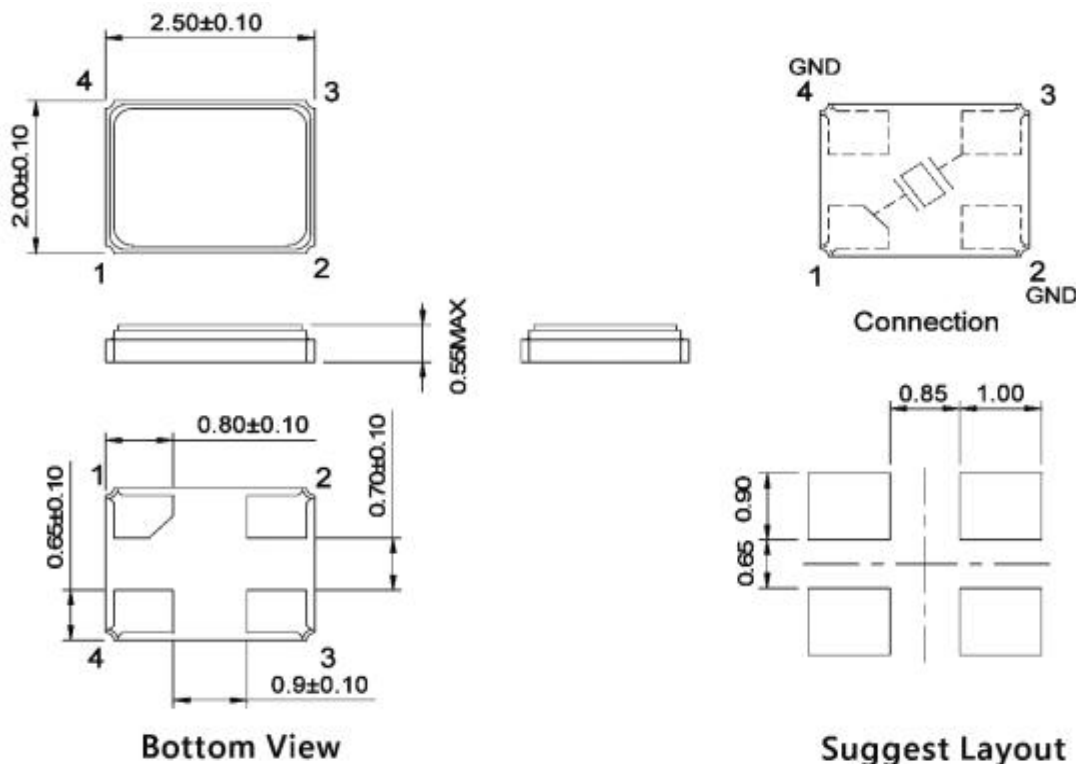
### Features

- High precision and high frequency stability;
- Excellent heat resistance and environmental characteristics;
- Applications in PDA, DSC, DVC, and PC;
- RoHS Compliant / Pb Free

### Crystals specifications

ITEMS (项目)	PARAMETER (规格说明)			
Frequency Range	12~13MHz	14~24MHz	24~30MHz	30~66MHz
Equivalent Series Resistance (ESR)	150ΩMax.	100ΩMax.	80ΩMax.	60ΩMax.
Frequency Tolerance (at 25 °C)	± 10 ppm, ± 30 ppm, or specify			
Frequency Stability Over Operating Temperature Range	± 10 ppm, ± 30 ppm, or specify			
Operating Temperature Range	-10 ~ +70 °C, or specify			
Shunt Capacitance (C0)	3 pF Max.			
Drive Level	10 μW (100 μW Max.)			
Load Capacitance	8 pF, 10 pF, 12 pF, or specify			
Aging (at 25 °C)	± 3 ppm / year Max.			
Storage Temperature Range	- 40 ~ + 85 °C			
Packing Unit(包装单位)	3,000pcs/Reel			

### Dimensions



Units: mm