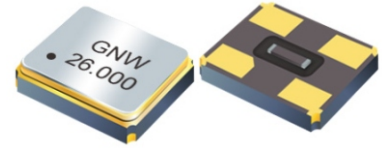


2.0×1.6 SMD Crystal



APPLICATIONS

- Smart phone
- Modem
- GPS

FEATURE

- Crystal unit with thermistor
- Miniature 2.0×1.6mm ceramic package
- High precision and high frequency stability

- Anti-heat and anti-mechanical shock
- Reflow Soldering/Emboss Taping



Electrical Specifications 电气参数

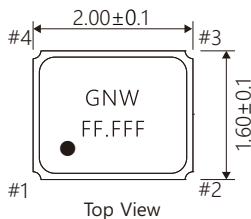
Item/Type	Electrical Specifications
Frequency Range	19.2MHz to 38.4MHz
Frequency Tolerance(at 25°C)	±10ppm
Frequency Stability	±12ppm
Operating Temperature Range	-30°C ~ +85°C
Storage Temperature Range	-40°C ~ +105°C
Load Capacitance (CL)	7,8 or specify
Drive Level	10μW Typical
Thermistor Resistance (25 °C)	100kΩ ± 1%
B-Constant (25-50 °C)	4250k ± 1%
Aging	±0.7ppm@1st Year

Equivalent Series Resistance and Mode of Operation 等效阻抗和振荡模式

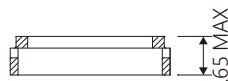
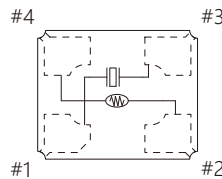
Frequency Range 频率范围	ESR (Ω) 等效阻抗	Mode 振荡模式
19.2~26MHz	80Ω max.	Fundamental
26~38.4MHz	50Ω max.	Fundamental

Mechanical Dimensions 外型尺寸

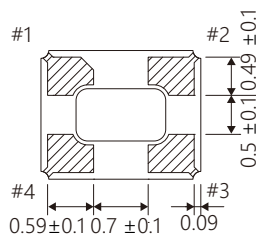
Units:mm



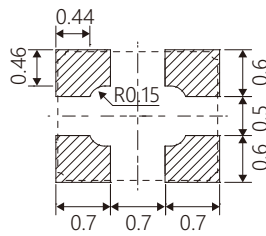
Top View



Side View



Bottom View



Land Pattern

Pin Connection

#1	Crystal
#2	Thermistor & GND
#3	Crystal
#4	Thermistor