

3.2×2.5 SMD Glass-sealed



APPLICATIONS

- IOT
- Wireless devices
- Automatic equipment

FEATURE

- 2 pads SMD glass-sealed crystal
- Miniature 3.2×2.5mm ceramic package
- Wide operating temperature range

- Tight Tolerance and Stability
- Reflow Soldering/Emboss Taping



Electrical Specifications 电气参数

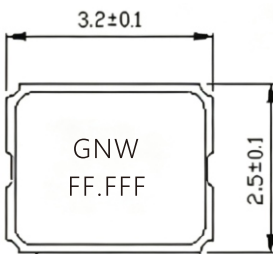
项目	Item/Type	Electrical Specifications
频率范围	Frequency Range	8MHz to 54MHz
调整频差	Frequency Tolerance(ΔF)(at 25°C)	$\pm 10\text{ppm}$ to $\pm 30\text{ppm}$
温度频差	Frequency Drift	$\pm 10\text{ppm}$ to $\pm 30\text{ppm}$
工作温度范围	Operating Temperature Range	-40°C ~ +85°C or specify
储存温度范围	Storage Temperature Range	-55°C ~ +125°C
老化	Aging (25°C)	$\pm 3\text{ppm/year max.}$
静电容	Shunt Capacitance (C0)	3pF max.
激励功率	Drive Level	10 μW Typical
绝缘阻抗	Insulation Resistance (Rs)	500 Megaohms min. at D.C 100v
负载电容	Load Capacitance (CL)	10,20pF or specify

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

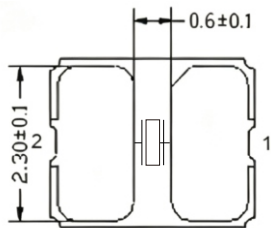
Frequency Range 频率范围	ESR (Ω) 等效阻抗	Mode 振荡模式
8~10MHz	250 Ω max.	Fundamental
10~16MHz	100 Ω max.	Fundamental
16~20MHz	60 Ω max.	Fundamental
20~54MHz	30 Ω max.	Fundamental

Mechanical Dimensions 外型尺寸

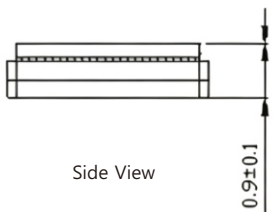
Units:mm



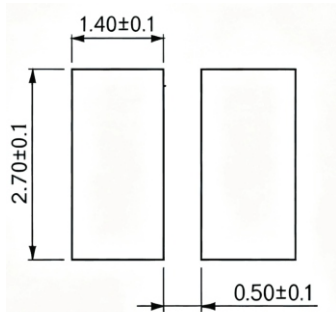
Top View



Bottom View



Side View



Land Pattern