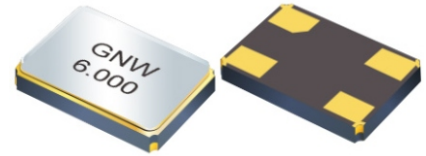


7.0×5.0 SMD Crystal



APPLICATIONS

- PCMCIA
- Computers
- Automatic equipment

FEATURE

- Rugged AT-cut crystal construction
- Miniature 7.0×5.0mm ceramic package
- Anti-EMI design

- Tight Tolerance and Stability
- Reflow Soldering/Emboss Taping



Electrical Specifications 电气参数

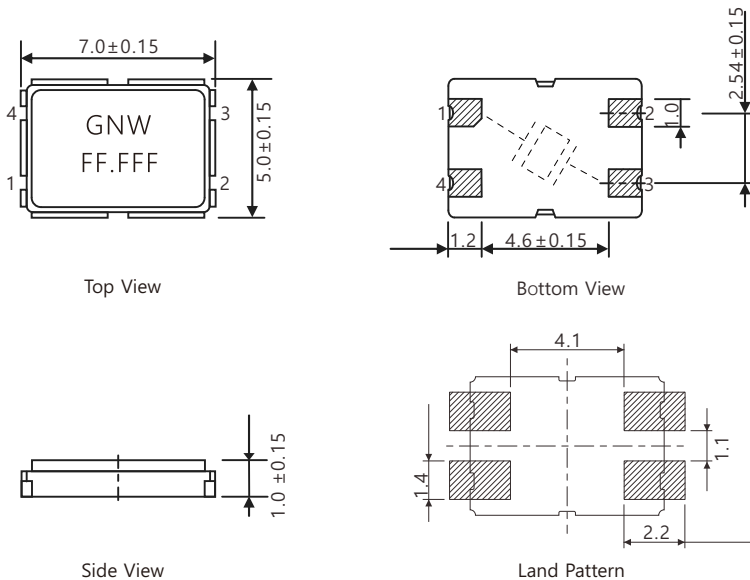
项目	Item/Type	Electrical Specifications
频率范围	Frequency Range	5.5MHz to 150MHz
调整频差	Frequency Tolerance(ΔF)(at 25°C)	± 10 ppm to ± 30 ppm
温度频差	Frequency Drift	± 10 ppm to ± 30 ppm
工作温度范围	Operating Temperature Range	-20°C ~ +70°C, -40°C ~ +85°C or -40°C ~ +105°C
储存温度范围	Storage Temperature Range	-55°C ~ +125°C
老化	Aging (25°C)	± 3 ppm/year max.
静电容	Shunt Capacitance (C0)	3pF max.
激励功率	Drive Level	10 μ W Typical
绝缘阻抗	Insulation Resistance (R _s)	500 Megaohms min. at D.C 100V
负载电容	Load Capacitance (CL)	8,10,12pF 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
5.5~8MHz	100 Ω max.	Fundamental
8~10MHz	60 Ω max.	Fundamental
10~14MHz	50 Ω max.	Fundamental
14~20MHz	40 Ω max.	Fundamental
20~40MHz	30 Ω max.	Fundamental
35~150MHz	80 Ω max.	3rd overtone

Mechanical Dimensions 外型尺寸

Units:mm



Pin Connection	
#1,#3	Crystal
#2,#4	GND