

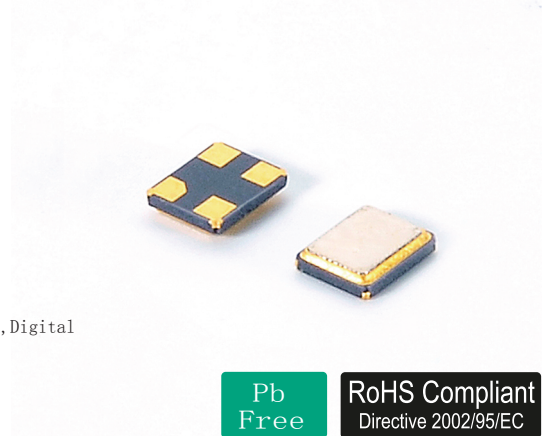
2.0x2.5 SMD Crystal

FEATURE

- Rugged AT-cut crystal construction.
- Miniature 2.5×2.0mm ceramic package.
- Designed for automatic mounting and reflow soldering.
- Embossed tapping specification.
- Pb-free and RoHS/Green compliant.

APPLICATIONS

- Ideally suited designed for Bluetooth wireless communication sets, HDD, DSN, PDA, GPS, Digital Tuner, Wireless LAN and mobile phone.



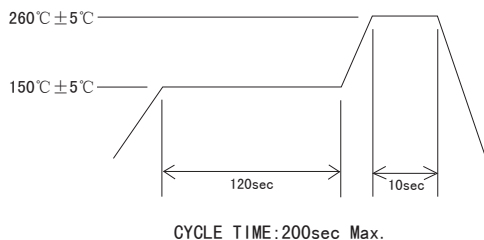
Electrical Specifications 电气参数

型号	Holder Type	2.0x2.5mm Ceramic Surface Mount
频率范围	Frequency Range	16MHz to 50MHz
调整频差	Frequency Tolerance (ΔF) (at 25°C)	± 10 ppm to ± 100 ppm
温度频差	Frequency Drift	± 10 ppm to ± 100 ppm
工作温度范围	Operating Temperature Range	-10°C - +60°C to -40°C - +85°C
储存温度范围	Storage Temperature Range	-40°C - +85°C/-55°C - +125°C
老化	Aging (25°C)	± 5 ppm/ year Maximum
静电容	Shunt Capacitance (C0)	7pF maximum
激励功率	Drive Level	10 μ W Typical
绝缘阻抗	Insulation Resistance (Rs)	500 Megaohms Minimum at D.C100V
负载电容	Load Capacitance (CL)	Suggested by customer

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

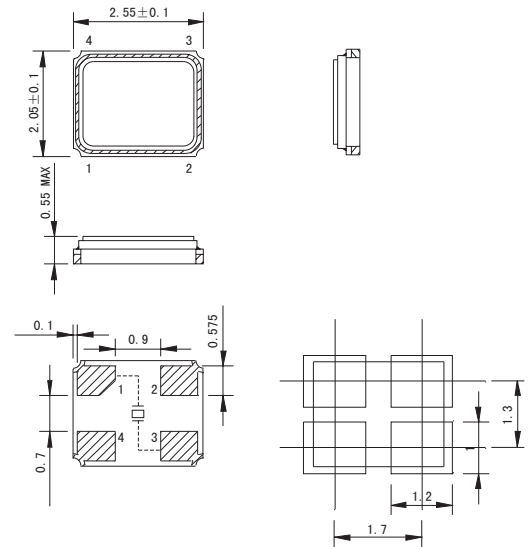
Frequency Range 频率范围	ESR (Ω) 等效阻抗	Mode 振荡模式
16.000-20.000MHz	100 Ω max	Fundamental
20.000-29.999MHz	80 Ω max	Fundamental
30.000-39.999MHz	60 Ω max	Fundamental
40.000-50.000MHz	40 Ω max	Fundamental

Reflow Condition(回流焊条件)



Mechanical Dimensions 外型尺寸

UNIT (单位): mm (毫米)



suggested solder pad layout

Note) #2, #4 is connected with a cover
(Please connect with a GND or a power supply)

JZX

The above specifications are standard for JZX product
If you have special requirement please Contact JZX sales with your enquiries
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