

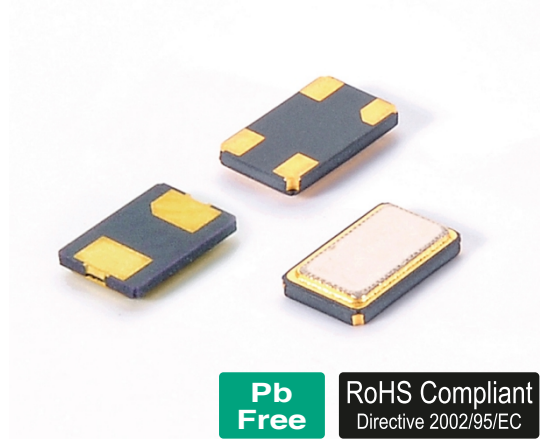
6X Series 6.0x3.5 SMD Crystal

FEATURE

- Rugged AT-cut crystal construction.
- Rugged construction and excellent mechanical shock resistance.
- Extremely compact SMD package.
- High precision characteristic covering up to high frequency range
- Automatic mounting
- Embossed tapping specification
- Suitable for solder reflow
- Pb-free and RoHS/Green compliant.

APPLICATIONS

- Ideally suited designed for disc drives, PCMCIA, PCs and hand-held electronic products.



Pb Free

RoHS Compliant
Directive 2002/95/EC

Electrical Specifications 电气参数

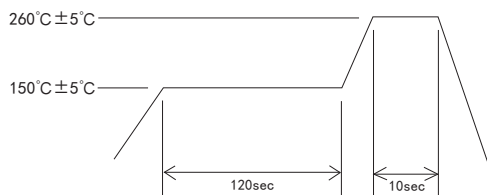
型号	Holder Type	6x3.5mm Ceramic Surface Mount
频率范围	Frequency Range	8.000 to 125.0000 MHz
调整频差	Frequency Tolerance (ΔF) (at 25°C)	± 10 ppm to ± 30 ppm
温度频差	Frequency Drift	± 10 ppm to ± 30 ppm※(See Notes)
工作温度范围	Operating Temperature Range	-20°C - +70°C / -40°C - +85°C
储存温度范围	Storage Temperature Range	-40°C - +85°C / -55°C - +125°C
老化	Aging (25°C)	± 3 ppm/ year max.
静电容	Shunt Capacitance (C0)	5pF max.
激励功率	Drive Level	10 μ W (300 μ W max.)
绝缘阻抗	Insulation Resistance (Rs)	500 Megaohms Minimum at D.C 100V
负载电容	Load Capacitance (CL)	Suggested by customer

※Notes: ± 10 , ± 20 , ± 30 ppm (-20°C to +70°C)
 ± 20 , ± 30 , ± 50 ppm (-40°C to +85°C) or depends on 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
8.000MHz \leq f < 10.000MHz	60Max	基频 Fundamental
10.000MHz \leq f < 14.000MHz	50Max	Fundamental
14.000MHz \leq f < 20.000MHz	40Max	Fundamental
20.000MHz \leq f < 40.000MHz	30Max	Fundamental
40.000 to 125.000MHz	80Max	三次泛音 Third Overtone

Reflow Condition(回流焊条件)



CYCLE TIME: 200sec Max.

Mechanical Dimensions 外型尺寸

