

6x3.5 SMD Crystal



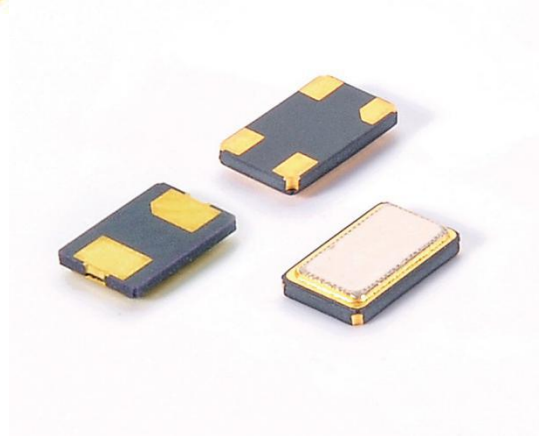
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FEATURE

- 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.



Electrical Specifications 电气参数

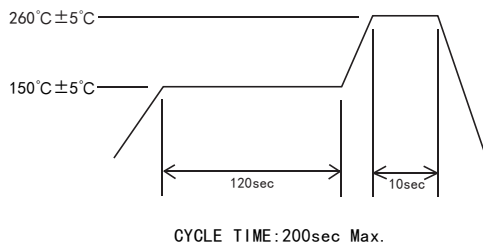
型号	Holder Type	6x3.5mm Ceramic Surface Mount
频率范围	Frequency Range	8.000 to 150.0000 MHz
调整频差	Frequency Tolerance (ΔF) (at 25°C)	$\pm 10\text{ppm}$ to $\pm 30\text{ppm}$
温度频差	Frequency Drift	$\pm 10\text{ppm}$ to $\pm 30\text{ppm}$ ※(See Notes)
工作温度范围	Operating Temperature Range	-20°C - +70°C / -40°C - +85°C
储存温度范围	Storage Temperature Range	-40°C - +85°C / -55°C - +125°C
老化	Aging (25°C)	$\pm 5\text{ppm}/\text{year max.}$
静电容	Shunt Capacitance (C0)	7pF max.
激励功率	Drive Level	10 μW (300 μW 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 , $\pm 30\text{ppm}$ (-20°C to +70°C)
 ± 20 , ± 30 , $\pm 50\text{ppm}$ (-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
$8.000\text{MHz} \leq f < 10.000\text{MHz}$	60Max	基频 Fundamental
$10.000\text{MHz} \leq f < 14.000\text{MHz}$	50Max	Fundamental
$14.000\text{MHz} \leq f < 20.000\text{MHz}$	40Max	Fundamental
$20.000\text{MHz} \leq f < 40.000\text{MHz}$	30Max	Fundamental
40.000 to 150.000MHz	80Max	三次泛音 Third Overtone

Reflow Condition(回流焊条件)



Mechanical Dimensions 外型尺寸

