

2x6 TUNING FORK(MHZ) Crystal

FEATURE

- Rugged AT-cut crystal construction.
- Wide Frequency range.
- High shock tolerance.
- Small size.
- Reliable frequency stability.
- Pb-free and RoHS/Green compliant.

APPLICATIONS

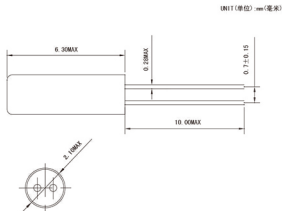
- Microprocessor Systems.
- Consumer Electronics.
- Instrumentation.
- Automotive electronics.



Electrical Specifications 电气参数

型号	Holder Type	Turning Fork 206(MHZ)
频率范围	Frequency Range	6MHz to 30MHz
调整频差范围	Frequency Tolerance (ΔF) (at 25°C)	$\pm 10\text{ppm}$ to $\pm 50\text{ppm}$ Maximum
工作温度范围	Operating Temperature Range	-10°C to $+60^{\circ}\text{C}$ / -40°C to $+85^{\circ}\text{C}$
老化	Aging (at 25°C)	$\pm 5\text{ppm}/\text{year}$ Maximum
保存温度范围	Storage Temperature Range	-40°C to $+85^{\circ}\text{C}$
静电容	Shunt Capacitance (C0)	5.0pF Typ
激励功率	Drive Level	1 μW Maximum
绝缘阻抗	Insulation Resistance (Rs)	500 M Ω ATDC100V Min
负载电容	Load Capacitance (CL)	12pF, 16pF, 20pF or Customer specify

Mechanical Dimensions 外型尺寸



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
$6.000 \leq f < 9.999\text{MHz}$	120max	基频 Fundamental
$10.000 \leq f < 19.999\text{MHz}$	100max	Fundamental
$20.000\text{MHz} \leq f < 30.000\text{MHz}$	80max	Fundamental

Temperature Range	Frequency Stability				
	+/-10ppm	+/-15ppm	+/-20ppm	+/-25ppm	+/-30ppm +/-35ppm
-10°C $\rightarrow$ $+60^{\circ}\text{C}$	✓	✓	✓	✓	✓
-20°C $\rightarrow$ $+70^{\circ}\text{C}$	✓	✓	✓	✓	✓
-40°C $\rightarrow$ $+85^{\circ}\text{C}$		✓	✓	✓	✓