

3x8 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.



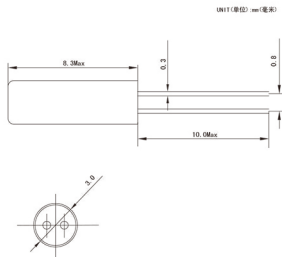
Pb
Free

RoHS Compliant
Directive 2002/95/EC

Electrical Specifications 电气参数

型号	Holder Type	Turning Fork 308(MHZ)
频率范围	Frequency Range	3.579MHZ to 6.144MHZ
调整频率范围	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°C / -40°C to +85°C
老化	Aging (at 25°C)	$\pm 5\text{ppm}$ / year Maximum
保存温度范围	Storage Temperature Range	-40°C to +85°C
静电容	Shunt Capacitance (CO)	5.0pF Typ
激励功率	Drive Level	1 μ W 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
3.579 $\leq f <$ 4.000MHz	180max	基频 Fundamental
4.000 $\leq f <$ 4.500MHz	150max	Fundamental
4.500 $\leq f <$ 5.000MHz	120max	Fundamental
5.000 $\leq f <$ 7.000MHz	100max	Fundamental
7.000 $\leq f <$ 10.000MHz	80max	Fundamental
10.000MHz $\leq f <$ 12.000MHz	60max	Fundamental
12.000MHz $\leq f <$ 30.000MHz	40max	Fundamental
30.000MHz $\leq f <$ 64.000MHz	80max	三次泛音 Third Overtone

Temperature Range	Frequency Stability					
	+/-10ppm	+/-15ppm	+/-20ppm	+/-25ppm	+/-30ppm	+/-35ppm
-10°C ~+60°C	✓	✓	✓	✓	✓	✓
-20°C ~+70°C	✓	✓	✓	✓	✓	✓
-40°C ~+85°C		✓	✓	✓	✓	✓



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