



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.

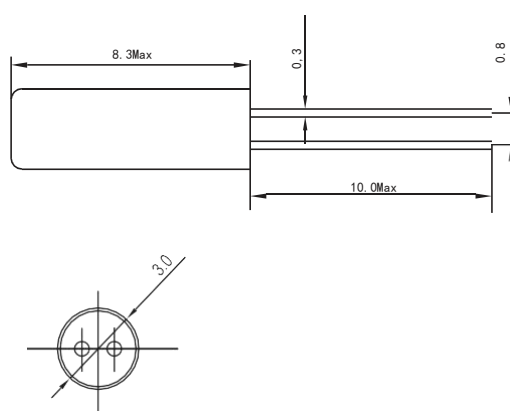


•Electrical Specifications 电气参数

型号	Holder Type	Turning Fork 308(MHZ)
频率范围	Frequency Range	3.579MHZ to 64MHZ
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°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 (C_0)	5.0pF Typ
激励功率	Drive Level	1 μ W Maximum
绝缘阻抗	Insulation Resistance (R_s)	500 M Ω ATDC100V Min
负载电容	Load Capacitance (C_L)	12pF, 16pF, 20pF or Customer specify

•Mechanical Dimensions 外型尺寸

UNIT(单位):mm(毫米)



•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
$3.579 \leq f < 4.000\text{MHz}$	180max	基频Fundamental
$4.000 \leq f < 4.500\text{MHz}$	150max	Fundamental
$4.500 \leq f < 5.000\text{MHz}$	120max	Fundamental
$5.000 \leq f < 7.000\text{MHz}$	100max	Fundamental
$7.000 \leq f < 10.000\text{MHz}$	80max	Fundamental
$10.000\text{MHz} \leq f < 12.000\text{MHz}$	60max	Fundamental
$12.000\text{MHz} \leq f < 30.000\text{MHz}$	40max	Fundamental
$30.000\text{MHz} \leq f < 64.000\text{MHz}$	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		✓	✓	✓	✓	✓

