

FEATURE

- Resistance weld completely sealed type.
- The frequency stability is good, the reliability is high.
- Copes with high density mounting and is the optimum for mass production.
- Pb-free and RoHS/Green compliant.

APPLICATIONS

- This type crystal units is designed for small mounting space and high Stability. It can be used in mobile communication(cordless phone, pagersBP). Also have the best ability against shock.

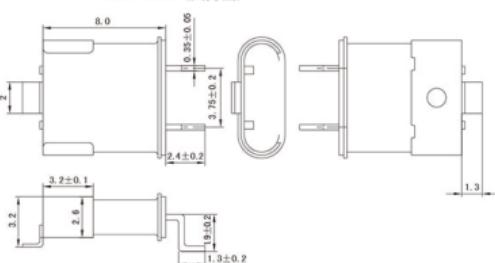
**•Electrical Specifications 电气参数**

型号	Holder Type	UM - 1
频率范围	Frequency Range	8.000 to 100 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)	$\pm 3\text{ppm}/\text{year}$ Maximum
静电容	Shunt Capacitance (C0)	7pF maximum
激励功率	Drive Level	100pW Typical
绝缘阻抗	Insulation Resistance (Rs)	500 Megaohms Minimum at 100V.D.C
负载电容	Load Capacitance (CL)	Suggested by customer

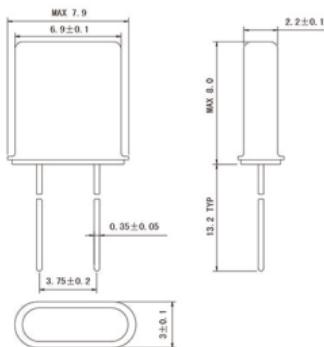
※Notes: ± 10 , ± 20 , $\pm 30\text{ppm}$ (-20°C to +70°C)
 ± 20 , ± 30 , $\pm 50\text{ppm}$ (-40°C to +85°C) or depends on customer

**•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 ≤ f < 12.000 MHz	25Max	基频Fundamental
12.000 ≤ f < 50.000 MHz	30Max	基频Fundamental
24.000 ≤ f < 100.000 MHz	40Max	三次泛音Third Overtone

GULL WING (夹持器)**•Mechanical Dimensions 外型尺寸**

TWO LEADS (两引线) UNIT (单位): mm (毫米)



THREE LEADS (三引线) UNIT (单位): mm (毫米)

