



FEATURE

- Resistance weld seal.
- A resistance weld completely sealed type.
- The tight frequency stability.
- Low cost.
- Versatile.
- Pb-free and RoHS/Green compliant.

APPLICATIONS

- Ideally suited designed for Set-Top Box/Multimedia, modems, clock/VCXO multiplier, network adapter cards and remote control devices.



Electrical Specifications 电气参数

型号	Holder Type	HC - 49U/S
频率范围	Frequency Range	3.200 to 100.000 MHZ ※(See Notes 1)
调整频差	Frequency Tolerance (ΔF) (at 25°C)	±10ppm to ±30ppm
温度频差	Frequency Drift	±10ppm to ±30ppm※(See Notes 2)
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)	±5ppm/ year Maximum
静电容	Shunt Capacitance (C0)	7pF maximum
激励功率	Drive Level	100μW Typical
绝缘阻抗	Insulation Resistance (Rs)	500 Megaohms Minimum at D.C100V
负载电容	Load Capacitance (CL)	Suggested by customer

※Notes 1: For 2.5mm height, lowest frequency is 10 MHZ.

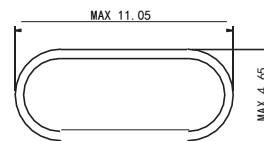
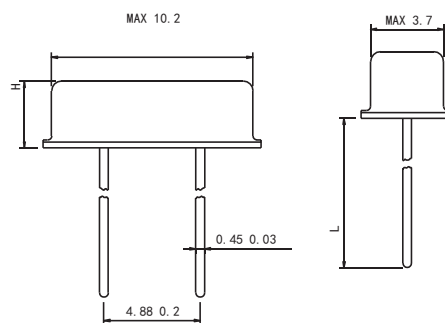
For 2.8mm height, lowest frequency is 6 MHZ.

※Notes 2: ±10, ±20, ±30ppm (-20°C to +70°C)

±20, ±30, ±50ppm (-40°C to +85°C) or depends on customer

Mechanical Dimensions 外型尺寸

S: TWO LEADS (两引线) UNIT (单位): mm (毫米)

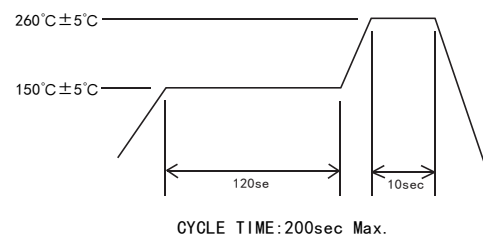


UNIT (单位): mm (毫米)
H: S=3.38mm MAX
S2=2.8mm MAX
S3=2.5mm MAX
L: 13.2mm or 20.0mm Typical
(For taping, only 20.0mm suitable)

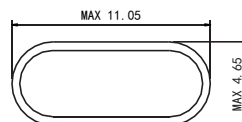
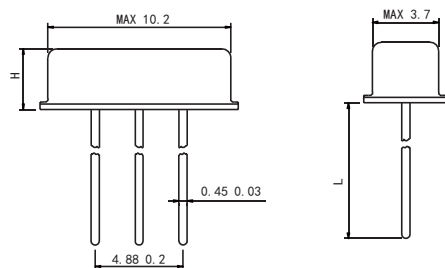
Equivalent Series Resistance and Mode of Operation 等效阻抗和振荡模式

Frequency Range 频率范围	ESR (Ω) 等效阻抗	Mode 振荡模式
3.200 ≤ f < 3.579 MHZ	250Max	基频 Fundamental
3.579 ≤ f < 4.000 MHZ	150Max	Fundamental
4.000 ≤ f < 5.000 MHZ	120Max	Fundamental
5.000 ≤ f < 6.000 MHZ	100Max	Fundamental
6.000 ≤ f < 7.000 MHZ	80Max	Fundamental
7.000 ≤ f < 10.000 MHZ	60Max	Fundamental
10.000 ≤ f < 14.000 MHZ	50Max	Fundamental
14.000 ≤ f < 20.000 MHZ	40Max	Fundamental
20.000 ≤ f < 48.000 MHZ	30/40 (BT cut) Max	Fundamental
35.000 ≤ f < 40.000 MHZ	100Max	三次泛音 Third Overtone
40.000 ≤ f < 100.000 MHZ	80Max	Third Overtone

Reflow Condition (回流焊条件)



SB: THREE LEADS (三引线) UNIT (单位): mm (毫米)



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H: S=3.38mm MAX
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L: 13.2mm or 20.0mm Typical
(For taping, only 20.0mm suitable)

