

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, clock/VCXO multiplier, network adapter cards.



Electrical Specifications 电气参数

型号	Holder Type	HC - 49U
频率范围	Frequency Range	1.84320 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)	$\pm 5\text{ppm/year}$ Maximum
静电容	Shunt Capacitance (C0)	7pF maximum
激励功率	Drive Level	100 μW Typical
绝缘阻抗	Insulation Resistance (Rs)	500 Megaohms Minimum at D.C100V
负载电容	Load Capacitance (CL)	Suggested by customer

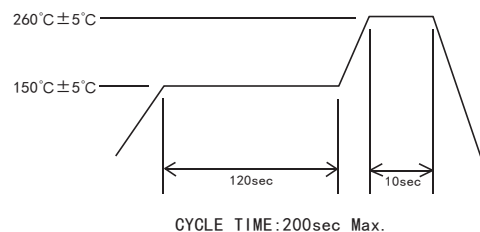
※Notes: ± 10 , ± 20 , $\pm 30\text{ppm}$ (-20°C to +70°C)
 ± 20 , ± 30 , $\pm 50\text{ppm}$ (-40°C to +85°C) or depends on customer

Equivalent Series Resistance and Mode of Operation

等效阻抗和振荡模式

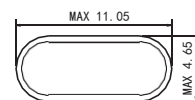
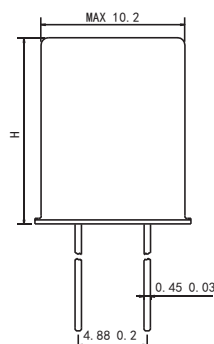
Frequency Range 频率范围	ESR (Ω) 等效阻抗	Mode 振荡模式
$1.8432 \leq f < 1.999 \text{ MHz}$	500Max	基频 Fundamental
$2.000 \leq f < 2.456 \text{ MHz}$	450Max	Fundamental
$2.457 \leq f < 2.999 \text{ MHz}$	350Max	Fundamental
$3.000 \leq f < 3.999 \text{ MHz}$	90Max	Fundamental
$4.000 \leq f < 4.999 \text{ MHz}$	70Max	Fundamental
$5.000 \leq f < 7.999 \text{ MHz}$	60Max	Fundamental
$8.000 \leq f < 9.999 \text{ MHz}$	30Max	Fundamental
$10.000 \leq f < 50.000 \text{ MHz}$	25Max	Fundamental
$24.000 \leq f < 100.000 \text{ MHz}$	40Max	三次泛音 Third Overtone

Reflow Condition(回流焊条件)



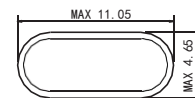
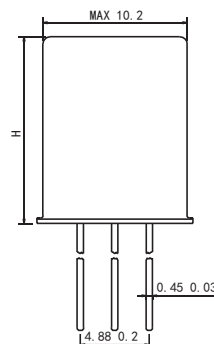
Mechanical Dimensions 外型尺寸

U: TWO LEADS (两引线) UNIT (单位): mm (毫米)



UNIT (单位): mm (毫米)
H: U=13.2mm MAX
U2=10.35mm MAX
L: 13.2mm or 20.0mm Typical
(For taping, only 20.0mm suitable)

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



UNIT (单位): mm (毫米)
H: U=13.2mm MAX
U2=10.35mm MAX
L: 13.2mm or 20.0mm Typical
(For taping, only 20.0mm suitable)

