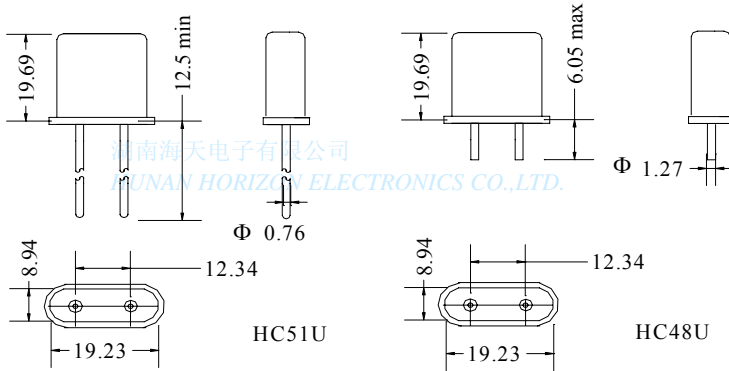


晶体谐振器 Crystals Resonators Unit
 产品型号 HEX10- HC51U & HC48U

外形尺寸(单位:毫米)

Figure and Dimensions(Unit: mm)



产品特征 Features

- 频率低 Lower in Frequency
- 特殊用途 Special in Application
- 即插即用 Plug In for Socket Mounting

产品规格 Specification

电性能参数 Parameter		规格 Specification	
频率范围 Frequency Range		300KHz ~ 12.000 MHz	
振动模式 Mode of Oscillation	基频 Fund.	300KHz ~ 12.000 MHz	
工作温度 Operating Temperature		0°C~70°C (See Option)	
储存温度 Storage Temperature		-40°C~85°C	
调整频差 Frequency Tolerance @ 25°C		±30 ppm~±150 ppm max (See Option)	
温度频差 Temperature Tolerance		±200 ppm max (±100 ppm Possible)	
静态电容 Shunt Capacitance C ₀		7.0 pf max	
负载电容 Load Capacitance C _L		30 pf ~ Series (1 MHz Below 30 pf)	
激励电平 Drive Level		100 uW Typical (1mW max) (1 MHz Above 12 pf Available)	
老化率 Ageing @ 25°C Per Year		±3 ppm ~ ±5ppm	
绝缘电阻 Insulation Resistance		500MΩ min .at 100V _{DC} ±15V	
频率范围 Freq. Range	等效电阻 ESR	频率范围 Freq. Range	等效电阻 ESR
300KHz~800KHz	3000Ω max	2.50MHz~3.50MHz	200 Ω max
800KHz~1.000MHz	1000 Ω max	3.50MHz~7.50MHz	150 Ω max
1.8432MHz~2.5MHz	400 Ω max	7.50MHz~12.000MHz	50 Ω max

订购须知 Order Information

HEX10□ -Frequency-C_L-ESR-Mode-Freq.Tol.-Temp.Range-Stability-Packaging

HEX10□	产品系列 Product Family
	<ul style="list-style-type: none"> ■ A for HC51U ■ B for HC48U
Frequency	频率 Frequency(MHz)
C_L	负载 Load Capacitance or Series (pf)
ESR	等效电阻 (ESR) Equivalent Series Resistance \ R (Ω)
Mode	振动模式 Mode of Oscillation
	<ul style="list-style-type: none"> ■ F for fund ATTD.
Freq.Tol	调整频差 Frequency Tolerance @ 25℃
	<ul style="list-style-type: none"> ■ H₁ for±30 ppm max ■ H₂ for±50ppm max ■ X for custom value
Temp.Range	工作温度 Operating Temperature
	<ul style="list-style-type: none"> ■ T₀ for-10℃~60℃ ■ T₁ for 0℃~70℃ ■ T₂ for -20℃~70℃ ■ X for custom value
Stability	温度频差 Temperature Tolerance
	<ul style="list-style-type: none"> ■ W₁ for±50 ppm max ■ W₂ for±100ppm max ■ X for custom value
Packaging	包装 Packaging
	<ul style="list-style-type: none"> ■ B for Bulk Packing

订购举例: Example : HEX10A-3.579500MHz-18-180R-F-H₂-T₂ -W₂-B

HEX10A	产品系列 Product Family HC51U
3.579500MHz	频率 Frequency \ f ₀ =3.579500MHz
18	负载 Load Capacitance \ C _L =18 pf
180R	等效电阻 Equivalent Series Resistance (ESR) \ R=180 Ω
F	AT基频 Fundamental \ 切角 AT-cut F= AT Fund.
H₂	调整频差 Frequency Tolerance \ H ₂ =±50 ppm
T₂	工作温度 Operating Temperature \ T ₂ =-20℃~70℃
W₂	温度频差 Temperature Tolerance \ W ₂ =±100 ppm
B	包装 A for Bulk Packing

[Http:// www.horizonxtal.com](http://www.horizonxtal.com)

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