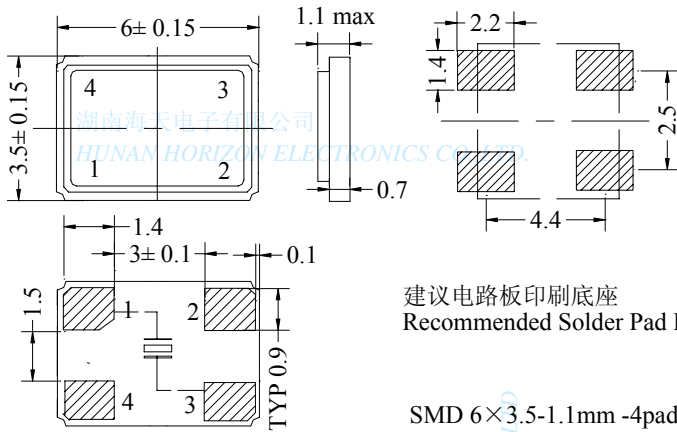


晶体谐振器 Crystals Resonators Unit
 产品型号 HEX22 – SMD 6×3.5-1.1mm

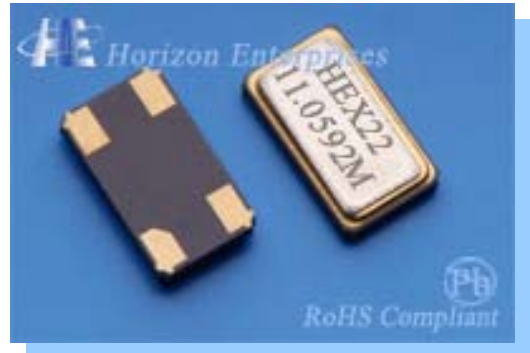
外形尺寸(单位:毫米)

Figure and Dimensions(Unit: mm)



建议电路板印刷底座
 Recommended Solder Pad Layout

SMD 6×3.5-1.1mm -4pads



产品特征 Features

- 频率宽 Wide Frequency Range
- 精度高 High Precision Availability
- 可靠性强 High Reliability
- 质量好、体积小 High Quality , Space Saving
- 公差小、稳定性高 Tight Tolerance and Stability Available

产品规格 Specification

电性能参数 Parameter		规格 Specification
频率范围 Frequency Range		7.000~150.000 MHz
振动模式 Mode of Oscillation	基频 Fundamental	7.000~39.999 MHz
	三次泛音 3 rd Overtone	40.000~150.000 MHz
工作温度 Operating Temperature		-10℃~60℃ to -40℃~85℃
储存温度 Storage Temperature		-40℃~85℃ \ -55℃~125℃
等效电阻 Equivalent Series Resistance (ESR)	Fund.	60Ωmax for 7.000~13.999MHz
	Fund.	40Ωmax for 14.000~39.999MHz
	3 rd	80Ωmax for 40.000~150.000MHz
调整频差 Frequency Tolerance @ 25℃		±10 ppm~±100 ppm (See Options)
温度频差 Temperature Tolerance		±10 ppm~±100 ppm (See Options)
静态电容 Shunt Capacitance C ₀		7.0 pf max
负载电容 Load Capacitance C _L		6 pf ~ Series (Customer Specified)
激励电平 Drive Level		100mW,100 uW Typical
老化率 Ageing @ 25℃ Per Year		±5ppm max
绝缘电阻 Insulation Resistance		500MΩ min .at 100V _{DC} ±15V
回流焊接条件 Reflow Conditions		260℃±10℃ for 10sec max 2 reflows max

订购须知 Order Information

HEX22-Frequency-C_L-ESR-Mode-Freq.Tol.-Temp.Range-Stability-Packaging

HEX22	产品系列 Product Family SMD 6×3.5-1.1 mm
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 AT ■ 3OT for 3rd overtone
Freq.Tol	调整频差 Frequency Tolerance @ 25℃
	<ul style="list-style-type: none"> ■ H₁ for±10 ppm max ■ H₂ for±30ppm max ■ H₃ 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℃ ■ T₃ for -40℃~85℃ ■ X for custom value
Stability	温度频差 Temperature Tolerance
	<ul style="list-style-type: none"> ■ W₁ for±10 ppm max ■ W₂ for±30ppm max ■ W₃ for±50ppm max ■ X for custom value
Packaging	包装 Packaging
	<ul style="list-style-type: none"> ■ T for Tape & Reel

订购举例: Example : HEX22-11.0592MHz-12-60R-F-H₂-T₂-W₂-T

HEX22	产品系列 SMD 6×3.5-1.1 mm
11.0592MHz	频率 Frequency \ f ₀ =11.0592MHz
12	负载 Load Capacitance \ C _L =12 pf
60R	等效电阻 Equivalent Series Resistance (ESR) \ R=60 Ω
F	AT 基频 Fundamental \ 切角 AT-cut F= AT Fund.
H₂	调整频差 Frequency Tolerance \ H ₂ =±30 ppm
T₂	工作温度 Operating Temperature \ T ₂ =-20℃~70℃
W₂	温度频差 Temperature Tolerance \ W ₂ =±30 ppm
T	包装 Packaging for Tape & Reel

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

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