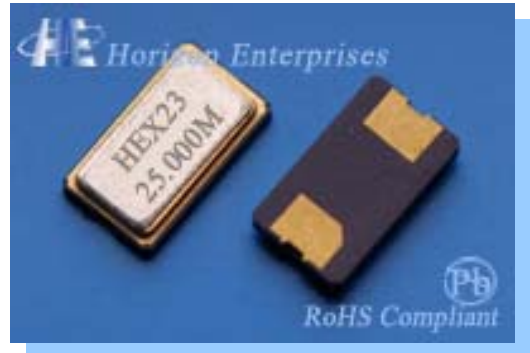
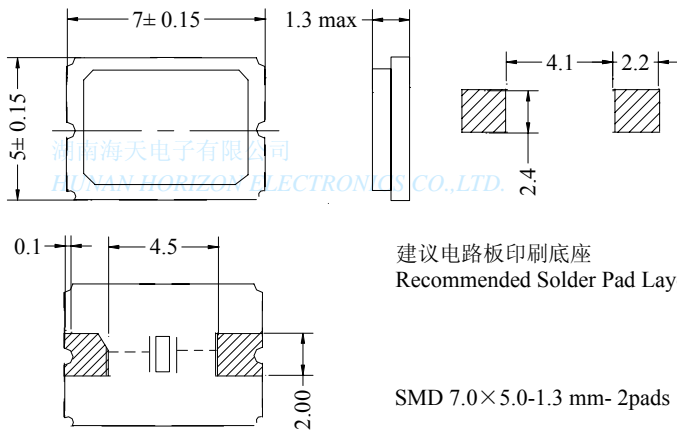


晶体谐振器 Crystals Resonators Unit
 产品型号 HEX23 – SMD 7×5-1.3mm-2pads

外形尺寸(单位:毫米)
 Figure and Dimensions(Unit: mm)



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		5.500 ~ 150.000 MHz.
振动模式 Mode of Oscillation	基频 Fundamental	5.500 ~ 34.999 MHz.
	三次泛音 3 rd Overtone	35.000 ~ 150.000 MHz
工作温度 Operating Temperature		-10°C ~ 60°C to -40°C ~ 85°C (See Options)
储存温度 Storage Temperature		-40°C ~ 85°C \ -55°C ~ 125°C
等效电阻 Equivalent Series Resistance (ESR)	Fund	100Ωmax for 5.5000~8.000 MHz
	Fund	60Ωmax for 8.000~14.000MHz
	Fund	40Ωmax for 14.000~35.000MHz
	3 rd	80Ωmax for 35.000~150.000MHz
调整频差 Frequency Tolerance @ 25°C		±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°C 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°C±10°C for 10sec max 2 reflows max

订购须知 Order Information

HEX23-Frequency-C_L-ESR-Mode-Freq.Tol.-Temp.Range-Stability-Packaging

HEX23	产品系列 Product Family SMD 7×5 -1.3mm-2pads
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°C <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

湖南海天电子有限公司
HUNAN HORIZON ELECTRONICS CO.,LTD

订购举例: Example : HEX23-25.000MHz-18-80R-F-H₂-T₂-W₂-T

HEX23	产品系列 SMD 7×5-1.3 mm-2pads
25.000MHz	频率 Frequency \ f ₀ =25.000MHz
18	负载 Load Capacitance \ C _L =18 pf
80R	等效电阻 Equivalent Series Resistance (ESR) \ R=80 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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