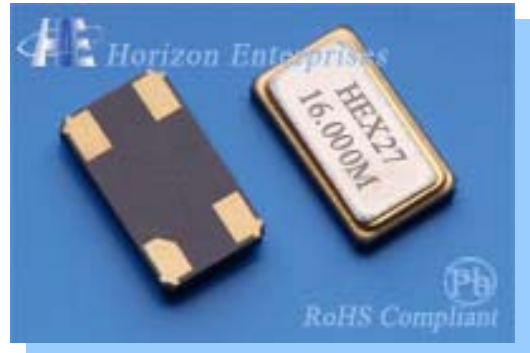
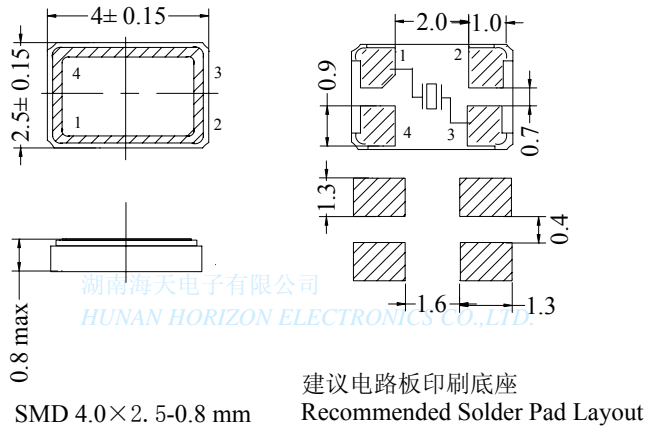


晶体谐振器 Crystals Resonators Unit
 产品型号 HEX27 – SMD 4×2.5-0.8mm

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



- 产品特征 Features
 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	12.000 ~50.000 MHz
振动模式 Mode of Oscillation	基频 Fund.
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	Fund.
Equivalent Series Resistance (ESR)	80Ωmax for 12.000~19.999 MHz
	50Ωmax for 20.000~23.999MHz
	40Ωmax for 24.000~50.000MHz
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

HEX27-Frequency-C_L-ESR-Mode-Freq.Tol.-Temp.Range-Stability-Packaging

HEX27	产品系列 Product Family SMD 4×2.5 -0.8mm
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
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

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

订购举例: Example : HEX27-16.000MHz-18-80R-F-H₂-T₂-W₂-T

HEX27	产品系列 SMD 4×2.5-0.8 mm
16.000MHz	频率 Frequency \ f ₀ =16.000MHz
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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