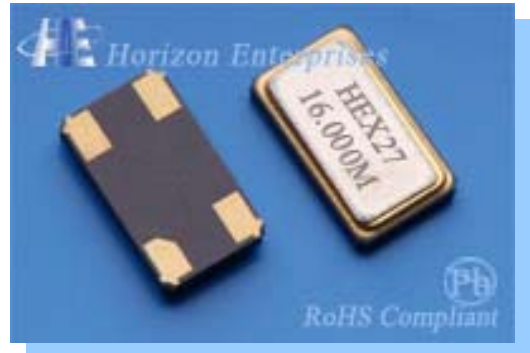
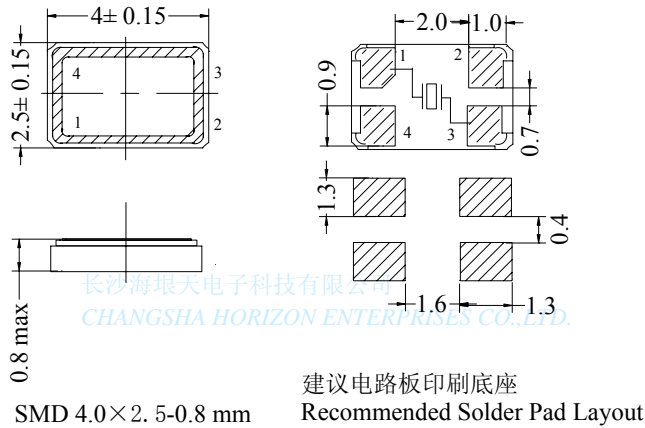


晶体谐振器 Crystals Resonators Unit  
 产品型号 HEX27 – SMD 4×2.5-0.8mm

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 温度频差 Temperature Tolerance	±10 ppm ~ ±100 ppm ( See Options )
静态电容 Shunt Capacitance C <sub>0</sub>	7.0 pf max
负载电容 Load Capacitance C <sub>L</sub>	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 <sub>DC</sub> ±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<sub>L</sub>-ESR-Mode-Freq.Tol.-Temp.Range-Stability-Packaging

<b>HEX27</b>	产品系列 Product Family SMD 4×2.5 -0.8mm
<b>Frequency</b>	频率 Frequency( MHz)
<b>C<sub>L</sub></b>	负载 Load Capacitance or Series (pf)
<b>ESR</b>	等效电阻 (ESR) Equivalent Series Resistance R (Ω)
<b>Mode</b>	振动模式 Mode of Oscillation
	<ul style="list-style-type: none"> <li>■ F for fund AT</li> </ul>
<b>Freq.Tol</b>	调整频差 Frequency Tolerance @ 25℃
	<ul style="list-style-type: none"> <li>■ H<sub>1</sub> for±10 ppm max</li> <li>■ H<sub>2</sub> for±30ppm max</li> <li>■ H<sub>3</sub> for±50ppm max</li> <li>■ X for custom value</li> </ul>
<b>Temp.Range</b>	工作温度 Operating Temperature
	<ul style="list-style-type: none"> <li>■ T<sub>0</sub> for-10℃~60℃</li> <li>■ T<sub>1</sub> for 0℃~70℃</li> <li>■ T<sub>2</sub> for -20℃~70℃</li> <li>■ T<sub>3</sub> for -40℃~85℃</li> <li>■ X for custom value</li> </ul>
<b>Stability</b>	温度频差 Temperature Tolerance
	<ul style="list-style-type: none"> <li>■ W<sub>1</sub> for±10 ppm max</li> <li>■ W<sub>2</sub> for±30ppm max</li> <li>■ W<sub>3</sub> for±50ppm max</li> <li>■ X for custom value</li> </ul>
<b>Packaging</b>	包装 Packaging
	<ul style="list-style-type: none"> <li>■ T for Tape &amp; Reel</li> </ul>

长沙海垠天电子科技有限公司  
CHANGSHA HORIZON ENTERPRISES CO.,LTD.

订购举例: Example : HEX27-16.000MHz-18-80R-F-H<sub>2</sub>-T<sub>2</sub>-W<sub>2</sub>-T

<b>HEX27</b>	产品系列 SMD 4×2.5-0.8 mm
<b>16.000MHz</b>	频率 Frequency \ f <sub>0</sub> =16.000MHz
<b>18</b>	负载 Load Capacitance \ C <sub>L</sub> =18 pf
<b>80R</b>	等效电阻 Equivalent Series Resistance (ESR) \ R=80 Ω
<b>F</b>	AT 基频 Fundamental \ 切角 AT-cut F= AT Fund.
<b>H<sub>2</sub></b>	调整频差 Frequency Tolerance \ H <sub>2</sub> =±30 ppm
<b>T<sub>2</sub></b>	工作温度 Operating Temperature \ T <sub>2</sub> =-20℃~70℃
<b>W<sub>2</sub></b>	温度频差 Temperature Tolerance \ W <sub>2</sub> =±30 ppm
<b>T</b>	包装 Packaging for Tape & Reel

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

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