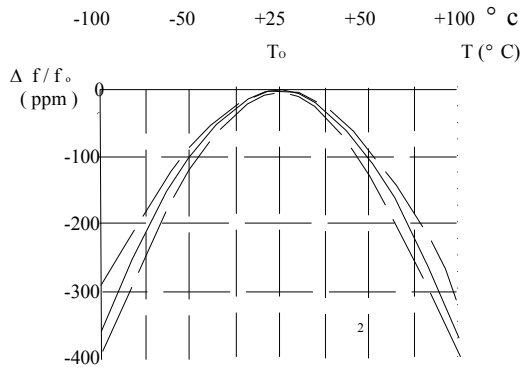


外形尺寸(单位:毫米)

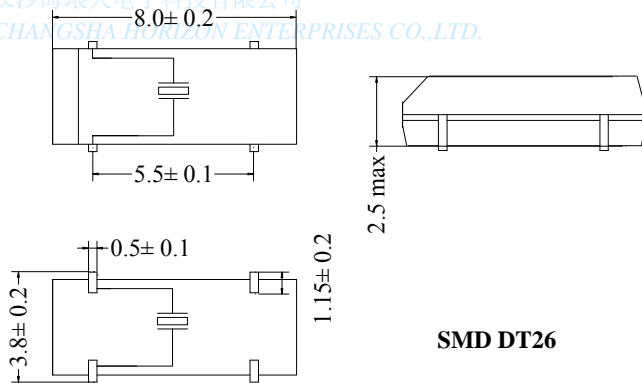
Figure and Dimensions(Unit: mm)



$$\Delta f / f_0 = -0.038 (T - T_0) \pm 10\%$$

频率温度曲线图 Frequency Temperature Curve

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

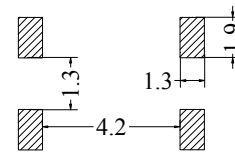


SMD DT26



产品特征 Features

- 音叉晶体 Tuning Fork
- 表面贴装晶体 Surface Mount Crystals
- 表晶频率 Watch Frequency
- 耐热性好 Excellent Heat Resistance
- 频率范围 Frequency Range 30kHz~200kHz
- 适用自动安装和回流焊接 Automatic Soldering & Reflow Soldering.



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

产品规格 Specification

电性能参数 Parameter	规格 Specification
频率范围 Frequency Range	SMD DT26 32.768 kHz 30.000~200.000 kHz
振动模式 Mode of Oscillation 基频 Fund.	30.000~200.000 kHz
工作温度 Operating Temperature	-10°C~60°C ( See Options )
储存温度 Storage Temperature	-55°C ~125°C
拐点温度 Turnover Temperature	25°C±5°C
等效电阻 Equivalent Series Resistance (ESR)	30kΩ max to 50kΩ max
调整频差 Frequency Tolerance @ 25°C	±5ppm ~ ±100ppm
二次稳定系数 Temperature Coefficient	-0.035±0.001ppm / (25-T) <sup>2</sup>
静态电容 Shunt Capacitance C <sub>0</sub>	1.45 pf typical
负载电容 Load Capacitance C <sub>L</sub>	12.5 pf typical
动态电容 Motion Capacitance C <sub>1</sub>	0.0028 pf typical
Q 值 Quality Factor Q	50000 typical
C <sub>0</sub> / C <sub>1</sub> 比值 Capacitance Ratio C <sub>0</sub> / C <sub>1</sub>	500 typical
绝缘电阻 Insulation Resistance	500MΩ min .at 100V <sub>DC</sub> ±15V ( P/N to P/N, P/N to Case )
老化率 Ageing @ 25°C Per Year.	±5ppm max

订购须知 Order Information

HEX35-Frequency-C<sub>L</sub>-ESR-Freq.Tol.-Temp.Range-Packaging

<b>HEX35</b>	产品系列 Product Family SMD DT26
<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) <ul style="list-style-type: none"> <li>■ 30KΩ to 50kΩ</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±20 ppm 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>1</sub> for -10℃~60℃</li> <li>■ T<sub>2</sub> for -20℃~70℃</li> </ul>
<b>Packaging</b>	包装 Packaging <ul style="list-style-type: none"> <li>■ T for Taping \ 每盘 2k 只 Packing Unit 2k Reel</li> </ul>

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订购举例: Example : **HEX35-32.768kHz-12.5-30kR-H<sub>1</sub>-T<sub>2</sub>-T**

<b>HEX35</b>	产品系列 SMD DT26
<b>32.768kHz</b>	频率 Frequency \ f <sub>0</sub> =32.768kHz
<b>12.5</b>	负载 Load Capacitance \ C <sub>L</sub> =12.5 pf
<b>30kR</b>	等效电阻 Equivalent Series Resistance (ESR) \ R=30k Ω
<b>H<sub>1</sub></b>	调整频差 Frequency Tolerance \ H <sub>1</sub> =±20 ppm
<b>T<sub>2</sub></b>	工作温度 Operating Temperature \ T <sub>2</sub> =-20℃~70℃
<b>T</b>	包装 T for Taping \ 每盘 2k 只 Packing Unit 2k Reel

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

国际贸易 Horizon International Marketing

国内贸易 Horizon Domestic Marketing

E-mail: horizoncrystals@163.com

E-mail:hqq226@163.com

Fax: 0086 731 8442 2043

Fax: 0086 731 8805 0850

Tel: 0086 731 8442 3897 / 8222 4572

Tel: 0086 731 8805 0851 / 8805 0780