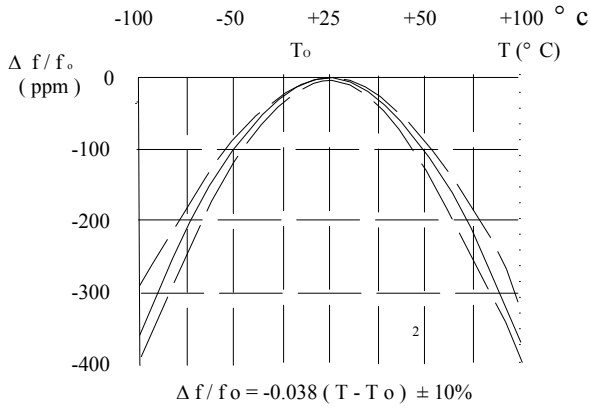


晶体谐振器 Crystals Resonators Unit  
 产品型号 HEX32 -DT38 & DT26

外形尺寸(单位:毫米)

Figure and Dimensions(Unit: mm)

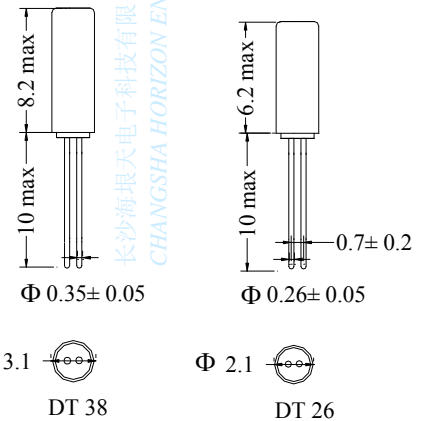


长沙海根天电子科技有限公司  
 频率温度曲线图 Frequency Temperature Curve  
 CHANGSHA HORIZON ENTERPRISES CO.,LTD.



产品特征 Features

- 音叉晶体 Tuning Fork
- 表晶频率 Watch Frequency
- 耐热性好 Excellent Heat Resistance



产品规格 Specification

电性能参数 Parameter	规格 Specification	
频率范围 Frequency Range	DT 38 ( A for DT38 )	DT26 ( B for DT26 )
	32.768 kHz	32.768 kHz
	30.000~100.000 kHz	30.000~200.000 kHz
振动模式 Mode of Oscillation 基频 Fund.	30.000~100.000 kHz	30.000~200.000 kHz
工作温度 Operating Temperature	-10°C~60°C ( See Options )	
储存温度 Storage Temperature	-40°C ~ 85°C	
拐点温度 Turnover Temperature	25°C±5°C	
等效电阻 Equivalent Series Resistance (ESR)	30kΩ max	40kΩ max
调整频差 Frequency Tolerance @ 25°C	±5ppm ~ ± 100 ppm max	
二次稳定系数 Temperature Coefficient	±0.035 ppm ~ ± 0.001 ppm (25-C) <sup>2</sup>	
静态电容 Shunt Capacitance C <sub>0</sub>	1.45pf typical	
负载电容 Load Capacitance C <sub>L</sub>	12.5pf typical	
动态电容 Motion Capacitance C <sub>1</sub>	0.0028pf typical	
激励电平 Drive Level	1uW max	
Q值 Quality Factor Q	50,000 typical	60,000 typical
C <sub>0</sub> / C <sub>1</sub> 比值 Capacitance Ratio C <sub>0</sub> / C <sub>1</sub>	500 typical	
老化率 Ageing @ 25°C Per Year.	±5ppm max	
绝缘电阻 Insulation Resistance	500MΩ min .at 100V <sub>DC</sub> ±15V	



订购须知 Order Information

HEX32□ -Frequency-CL-ESR- Freq.Tol.-Temp.Range-Packaging

<b>HEX32□</b>	产品系列 Product Family
	<ul style="list-style-type: none"> <li>■ A for DT38</li> <li>■ B for DT26</li> </ul>
<b>Frequency</b>	频率 Frequency( MHz)
<b>CL</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</li> <li>■ 40kΩ</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>■ TY for Tray Packing</li> <li>■ B for Bulk</li> </ul>

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订购举例: Example : HEX32A-32.768kHz-12.5-30kR-H<sub>1</sub>-T<sub>2</sub>-B

<b>HEX32A</b>	产品系列 DT38
<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>B</b>	包装 B for Bulk

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