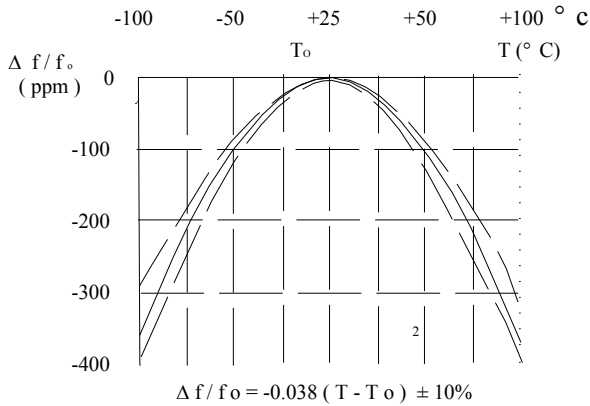


外形尺寸(单位:毫米)

Figure and Dimensions(Unit: mm)

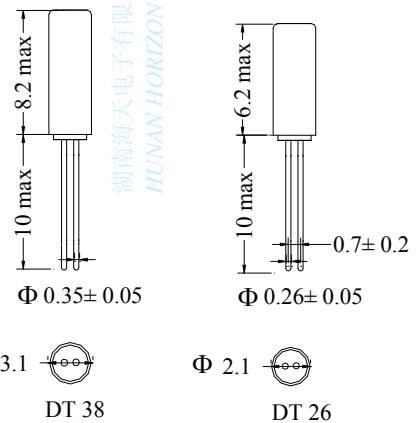


湖南海天电子有限公司
 HUNAN HORIZON ELECTRONICS CO.,LTD.
 频率温度曲线图 Frequency Temperature Curve



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℃~60℃ (See Options)	
储存温度 Storage Temperature	-40℃ ~ 85℃	
拐点温度 Turnover Temperature	25℃±5℃	
等效电阻 Equivalent Series Resistance (ESR)	30kΩ max	40kΩ max
调整频差 Frequency Tolerance @ 25℃	±5ppm ~ ± 100 ppm max	
二次稳定系数 Temperature Coefficient	±0.035 ppm ~ ± 0.001 ppm (25-C) ²	
静态电容 Shunt Capacitance C ₀	1.45pf typical	
负载电容 Load Capacitance C _L	12.5pf typical	
动态电容 Motion Capacitance C ₁	0.0028pf typical	
激励电平 Drive Level	1uW max	
Q值 Quality Factor Q	50,000 typical	60,000 typical
C ₀ / C ₁ 比值 Capacitance Ratio C ₀ / C ₁	500 typical	
老化率 Ageing @ 25℃ Per Year.	±5ppm max	
绝缘电阻 Insulation Resistance	500MΩ min .at 100V _{DC} ±15V	

订购须知 Order Information

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

HEX32□	产品系列 Product Family
	<ul style="list-style-type: none"> ■ A for DT38 ■ B for DT26
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)
	<ul style="list-style-type: none"> ■ 30kΩ ■ 40kΩ
Freq.Tol	调整频差 Frequency Tolerance @ 25℃
	<ul style="list-style-type: none"> ■ H₁ for±20 ppm max ■ X for custom value
Temp.Range	工作温度 Operating Temperature
	<ul style="list-style-type: none"> ■ T₁ for -10℃~60℃ ■ T₂ for -20℃~70℃
Packaging	包装 Packaging
	<ul style="list-style-type: none"> ■ TY for Tray Packing ■ B for Bulk

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HUNAN HORIZON ELECTRONICS CO.,LTD

订购举例: Example : HEX32A-32.768kHz-12.5-30kR-H₁-T₂-B

HEX32A	产品系列 DT38
32.768kHz	频率 Frequency \ f ₀ =32.768kHz
12.5	负载 Load Capacitance \ C _L =12.5 pf
30kR	等效电阻 Equivalent Series Resistance (ESR) \ R=30k Ω
H₁	调整频差 Frequency Tolerance \ H ₁ =±20 ppm
T₂	工作温度 Operating Temperature \ T ₂ =-20℃~70℃
B	包装 B for Bulk

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

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