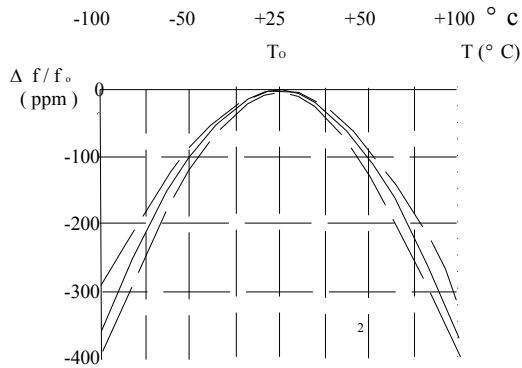


外形尺寸(单位:毫米)

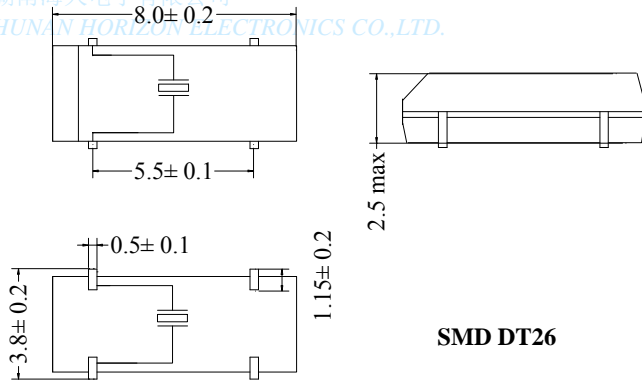
Figure and Dimensions(Unit: mm)



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

频率温度曲线图 Frequency Temperature Curve

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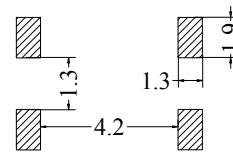


SMD DT26



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) ²
静态电容 Shunt Capacitance C ₀	1.45 pf typical
负载电容 Load Capacitance C _L	12.5 pf typical
动态电容 Motion Capacitance C ₁	0.0028 pf typical
Q 值 Quality Factor Q	50000 typical
C ₀ / C ₁ 比值 Capacitance Ratio C ₀ / C ₁	500 typical
绝缘电阻 Insulation Resistance	500MΩ min .at 100V _{DC} ±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_L-ESR-Freq.Tol.-Temp.Range-Packaging

HEX35	产品系列 Product Family SMD 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 to 50kΩ
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"> ■ T for Taping \ 每盘 2k 只 Packing Unit 2k Reel

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订购举例: Example : HEX35-32.768kHz-12.5-30kR-H₁-T₂-T

HEX35	产品系列 SMD DT26
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℃
T	包装 T for Taping \ 每盘 2k 只 Packing Unit 2k Reel

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