

Voltage Controlled-Temperature Compensated Crystal Oscillator



Features

- Good frequency stability
- Low phase noise
- Pb - free & RoHS Compliance

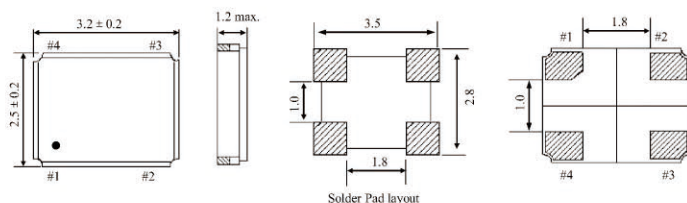
特點

- 頻率溫度穩定度高
- 低相位噪聲
- 無鉛環保產品

Specifications 指標參數

型號	Holder Type	SMD3.2x2.5
頻率範圍	Frequency Range	16.000MHz ~ 40.000MHz
頻率溫度穩定度	Frequency Stability vs. Temperature range	±0.5ppm (0 to +50°C) ±1.0ppm (-10 to +60°C) ±1.5ppm (-20 to +70°C) ±2.0ppm (-40 to +85°C)
老化率	Aging	±1.0ppm/year max.
頻率負載穩定度	vs Load Change of ±10%	±0.2ppm max.
頻率電壓穩定度	vs Supply Voltage Change of ±5%	±0.2ppm max.
工作溫度範圍	Operating Temperature Range	0°C to +50°C ~ -40°C to +85°C
儲存溫度範圍	Storage Temperature Range	-40°C to +85°C
工作電流	Current Consumption	2.5mA
輸入電壓	Supply Voltage	2.8V or 3.3V ±10%
輸出波型	Output Waveform	Clipped Sine
輸出負載	Output Load	10kΩ/10pF
振幅	Output Level	>0.8Vpp
阻抗	Vc Input Impedance	1.0MΩ
啟動時間	Start-up Time	2.0mS
相位噪聲	Phase Noise	at 100Hz, -115 dBc/Hz at 1KHz, -135 dBc/Hz at 10KHz, -148 dBc/Hz

Mechanical Dimensions 外型尺寸



Pin Configuration

#1	NC or Vcontrol
#2	Ground
#3	Output
#4	Vin