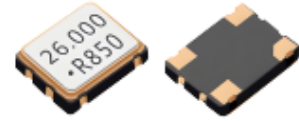


RTQ

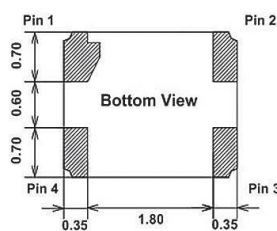
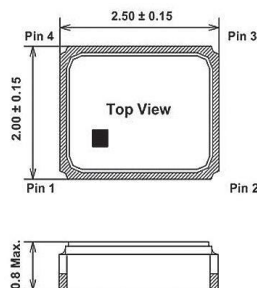
- ▶ 2.5*2.0*0.8mm 小体积
- ▶ 低抖动、低相噪、高精度
- ▶ 振荡信号输出稳定
- ▶ 符合 RoHS、REACH 认证标准，绿色环保



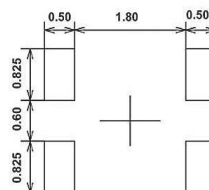
技术参数 Technical Parameter

频率范围	Frequency Range	13 ~ 52MHz
振动模式	Mode	Fundamental
频率偏差	Vs. Temperature (-30 ~ +85°C)	±0.5 / ±2.0ppm
	Vs. Load (Load varies ±10%)	±0.2ppm Max
	Vs. Supply Voltage (Vcc = Typical ±0.1V)	±0.2ppm Max
频率容差	Frequency Tolerance (at 25°C after 2 Reflows with Typical Applied to Auto Frequency Control Pin)	±2.5ppm Max
频率漂移斜率	Slope of Frequency Drift	±0.1ppm / °C Typical ; ±0.5ppm / °C Max
工作温度范围	Operating Temperature Range	-30°C ~ +85°C
储存温度范围	Storage temperature Range	-40°C ~ +85°C
频率控制灵敏度	Auto Frequency Control (AFC) Range *	±7 ~ ±16ppm (1.4V+ / -1V)
电源电压	Supply Voltage	1.8 ~ 3.3V
输出负载	Output Load	10KΩ / 10pF
输出电压	Clipped Sinewave Output Voltage	0.8Vp-p Min
消耗电流	Supply Current	2.0mA Max
启动时间	Start-up Time	5ms Max
相位噪声	Phase Noise at 1 KHz offset	-130dBc / Hz
老化率	Aging Rate	±1ppm / year Max.
输出类型	Output Type	Clipped Sinewave

外观尺寸 Dimension(Unit:mm)



Recommended Land Pattern



Pin Connection

Name	Connection
Pin 1	AFC or GND
Pin 2	GND
Pin 3	OUTPUT
Pin 4	VCC