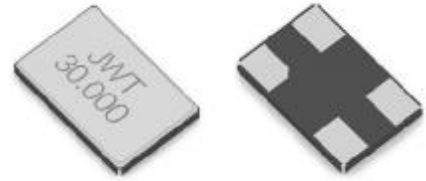


特点 Features

标准的 2.5 x 2.0 x 0.55 mm 陶瓷封装表面贴装形式
小公差及高稳定性
适应自动装配的8MM宽度的编带包装
包装：每卷1000/2000/3000PCS

Typical 2.5 x 2.0 x 0.55 mm Ceramic SMD package
Tight tolerance and Stability
8mm width Tape&Reel package for automatic assembly
Packing: Tape & Reel, 1000/2000/3000 pcs per Reel



标准规格 Electronic Specification

型号	Type	SMD2520
频率范围	Frequency Range	12,000 ~ 54,000MHz
振荡模式	Oscillator Mode	Fundamental(AT cut) 基频(AT切)
调整频差	Frequency Tolerance(at25°C)	± 10ppm, ± 20ppm, ± 30ppm
温度频差	Frequency Stability	具体见表2
工作温度	Operating Temperature Range	-40°C ~ 125°C
贮存温度	Storage Temperature Range	-55°C ~ 125°C
负载电容	Load Capacitance	Custom design(8 ~ ∞ pF)
激励电平	Drive Level	100 μW Typical (300 μW max.)
静态电容	Shunt Capacitance	5pF max.
老化率	Aging	ΔF/F: ± 3PPM/year(max.)

特殊技术要求可定制

等效电阻 Equivalent Series Resistance(E.S.R.)

频率范围 Frequency Range	盒型 Hold Type	振动模式 Mode	等效电阻 E.S.R.	频率范围 Frequency Range	盒型 Hold Type	振动模式 Mode	等效电阻 E.S.R.
12,000 ~ 15,999MHz	SMD	AT,Fund	150Ω Max.	19,000 ~ 29,999MHz	SMD	AT,Fund	80Ω Max.
16,000 ~ 18,999MHz	SMD	AT,Fund	100Ω Max.	30,000 ~ 54,000MHz	SMD	AT,Fund	60Ω Max.

Table 1

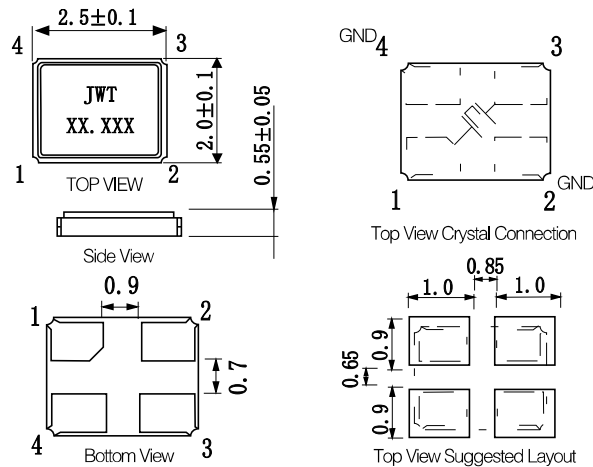
温度频差和工作温度范围 Frequency Stability Vs Operating Temperature range

Temp.(°C)\ppm	± 5	± 10	± 15	± 20	± 25	± 30	± 50
-10 to 60°C	△	○	○	○	○	○	○
-20 to 70°C		△	○	○	○	○	○
-40 to 85°C			△	○	○	○	○
-40 to 125°C						△	○

○:可实现的 △:与供应商沟通

Table 2

外型尺寸 Outline Dimensions(Unit:mm)



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