

特点 Features

标准的 5.0 x 3.2 x 1.0 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12MM宽度的编带包装

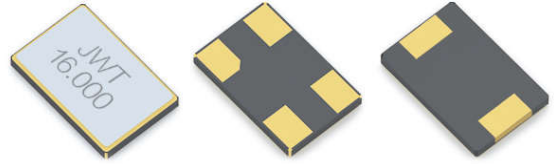
包装：每卷1000PCS

Typical 5.0 x 3.2 x 1.0 mm Ceramic SMD package

Tight tolerance and Stability

12mm width Tape & Reel package for automatic assembly

Packing: Tape & Reel, 1000 pcs per Reel



标准规格 Electronic Specification

型号 Type	SMD5032	
频率范围 Frequency Range	8.000 ~ 54.000MHz	40.000 ~ 100.000MHz
振荡模式 Oscillator Mode	Fund(AT cut)	3rd overtone (AT cut)
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.
8.000 ~ 10.999MHz	SMD	AT,Fund	80Ω Max.	25.000 ~ 54.000MHz	SMD	AT,Fund	30Ω Max.
11.000 ~ 11.999MHz	SMD	AT,Fund	60Ω Max.	40.000 ~ 59.999MHz	SMD	AT,3rd	120Ω Max.
12.000 ~ 24.999MHz	SMD	AT,Fund	40Ω Max.	60.000 ~ 100.00MHz	SMD	AT,3rd	80Ω 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)

