

## ■特点 Features

标准的 1.6 x 1.2 x 0.35mm 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

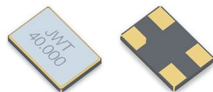
包装：每卷1000/2000/3000PCS

Typical 1.6 x 1.2 x 0.35 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	SMD1612
频率范围 Frequency Range	24,000 – 54,000MHz
振荡模式 Oscillator Mode	Fundamental(AT cut) 基频(AT切)
调整频差 Frequency Tolerance(at25°C)	± 15ppm, ± 20ppm, ± 30ppm
温度频差 Frequency Stability	具体见表2
工作温度 Operating Temperature Range	-40°C ~ 85°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	50 μW Typical (200 μW max)
静态电容 Shunt Capacitance	5gF max.
老化率 Aging	ΔFF: ±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.
24,000 – 30,000MHz	SMD	AT,Fund	100ΩMax	30,000 – 54,000MHz	SMD	AT,Fund	80ΩMax.

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)

