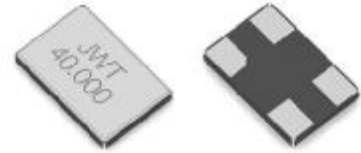


## 特点 Features

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 Stabilit  
 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) | ± 10ppm, ± 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           | 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<br>Frequency Range | 盒型<br>Hold Type | 振动模式<br>Mode | 等效电阻<br>E.S.R. | 频率范围<br>Frequency Range | 盒型<br>Hold Type | 振动模式<br>Mode | 等效电阻<br>E.S.R. |
|-------------------------|-----------------|--------------|----------------|-------------------------|-----------------|--------------|----------------|
| 24,000 ~ 30,000MHz      | SMD             | AT,Fund      | 100Ω Max       | 30,000 ~ 54,000MHz      | SMD             | AT,Fund      | 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)

