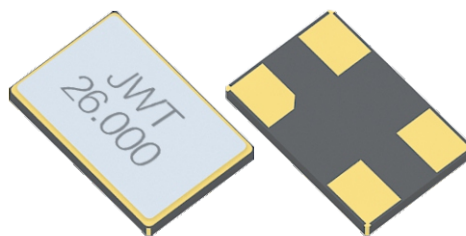


■特点 Features

标准的 3.2 x 2.5 x 0.7 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 3.2 x 2.5 x 0.8 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	SMD3225
频率范围 Frequency Range	8.000 ~ 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
激励电平 Drive Level	10μW Typical (300μW max)
静态电容 Shunt Capacitance	5pF max.
老化率 Aging	ΔF/F:±3PPM/year(max.)

■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 ~ 9.839MHz	SMD	AT,Fund	500ΩMax.	16.000 ~ 18.999MHz	SMD	AT,Fund	60ΩMax.
9.840 ~ 11.999MHz	SMD	AT,Fund	300ΩMax.	19.000 ~ 29.999MHz	SMD	AT,Fund	40ΩMax.
12.000 ~ 15.999MHz	SMD	AT,Fund	80ΩMax.	30.000 ~ 54.000MHz	SMD	AT,Fund	30ΩMax.

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)

