

## ■ 特点 Features

标准的3.2 x 2.5 x 0.8 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

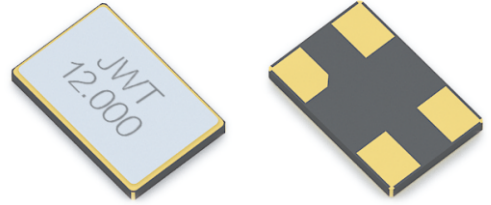
包装：每卷1000/2000/3000PCS

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 ~ 60.000MHz
振荡模式 Oscillator Mode	Fundamental(AT cut) 基频(AT切)
调整频差 Frequency Tolerance(at25°C)	± 10ppm, ± 20ppm, specify
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	3pF max.
老化率 Aging	ΔF/F: ± 3ppm/first 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 ~ 9.999MHz	SMD	AT,Fund	300 Ω Max.	16.000 ~ 18.999MHz	SMD	AT,Fund	40 Ω Max.
10.000 ~ 11.999MHz	SMD	AT,Fund	150 Ω Max.	19.000 ~ 35.999MHz	SMD	AT,Fund	30 Ω Max.
12.000 ~ 15.999MHz	SMD	AT,Fund	70 Ω Max.	36.000 ~ 60.000MHz	SMD	AT,Fund	25 Ω Max.

Table 1

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

Temp.(°C)\ppm	± 10	± 15	± 20	± 25	± 30	± 50
-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)

