

## ■特点 Features

环氧树脂封装, 低成本

适用于笔记本电脑、平板电脑、蓝牙、硬盘、影像系统等领域

专利产品具有自主知识产权(专利号: ZL 2011 2 0287271.1)

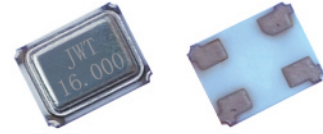
包装: 每卷1000/2000/3000PCS

Epoxy encapsulated, and low cost

Suitable for laptops, tablet PCs, bluetooths, hard disks, video system and other fields

Patented products with independent intellectual property rights(No:ZL 2011 2 0287271.1)

Packing: Tape & Reel, 1000/2000/3000 pcs per Reel



## ■标准规格 Electronic Specification

型号 type	SMD-GB-3225
频率范围 Frequency Range	12.000 ~ 50.000MHz
振荡模式 Oscillator Mode	Fundamental(AT cut) 基频(AT切)
调整频差 Frequency Tolerance(at25°C)	± 20ppm, ± 30ppm, ± 50ppm
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	10 μW Typical (300 μW max.)
静态电容 Shunt Capacitance	5pF max.
老化率 Aging	ΔF/F: ± 5PPM/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.
12.000 ~ 15.999MHz	SMD	AT,Fund	80 Ω Max.	19.000 ~ 29.999MHz	SMD	AT,Fund	60 Ω Max.
16.000 ~ 18.999MHz	SMD	AT,Fund	70 Ω Max.	30.000 ~ 54.000MHz	SMD	AT,Fund	40 Ω 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			△	○	○	○	○

○:可实现的 △:与供应商沟通

Table 2

## ■外型尺寸 Outline Dimensions(Unit:mm)

