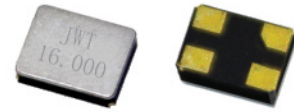


特点 Features

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-GA-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)

