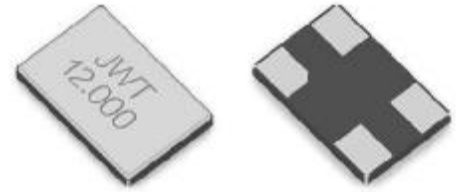


■特点 Features

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(8 ~ ∞pF) |
| 激励电平 Drive Level | 100 μW Typical (300 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 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 | 500Ω Max. | 16,000 ~ 18,999MHz | SMD | AT,Fund | 60Ω Max. |
| 9,840 ~ 11,999MHz | SMD | AT,Fund | 300Ω Max. | 19,000 ~ 29,999MHz | SMD | AT,Fund | 40Ω Max. |
| 12,000 ~ 15,999MHz | SMD | AT,Fund | 80Ω Max. | 30,000 ~ 54,000MHz | SMD | AT,Fund | 30Ω Max. |

Table 1

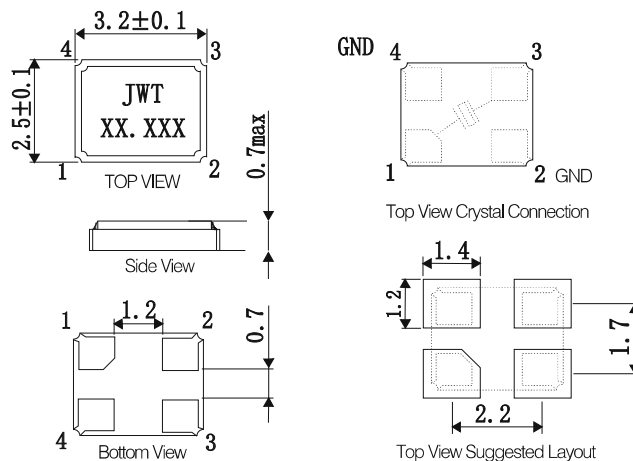
■温度频差和工作温度范围 Frequency Stability Vs Operating Temperature range

| 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)



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