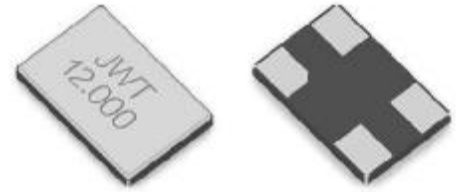


■特点 Features

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 | 500 Ω Max. | 16,000 ~ 18,999MHz | SMD | AT,Fund | 60 Ω Max. |
| 9,840 ~ 11,999MHz | SMD | AT,Fund | 300 Ω Max. | 19,000 ~ 29,999MHz | SMD | AT,Fund | 40 Ω Max. |
| 12,000 ~ 15,999MHz | SMD | AT,Fund | 80 Ω Max. | 30,000 ~ 54,000MHz | SMD | AT,Fund | 30 Ω Max. |

Table 1

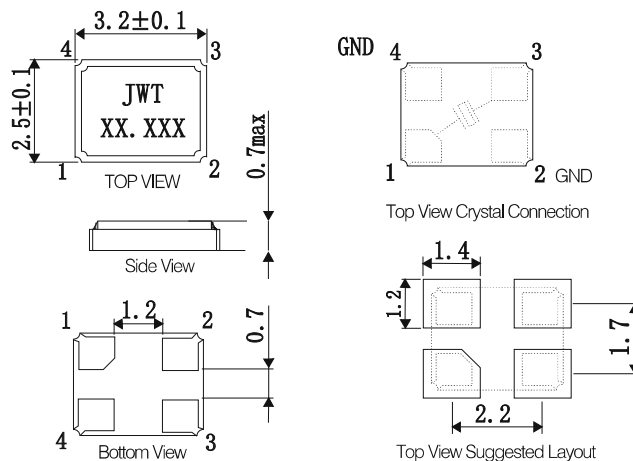
■温度频差和工作温度范围 Frequency Stability Vs Operating Temperature range

| Temp.(°C)\ppm | ± 5 | ± 10 | ± 15 | ± 20 | ± 25 | ± 30 | ± 50 |
|---------------|-----|------|------|------|------|------|------|
| -10 to 60°C | △ | ○ | ○ | ○ | ○ | ○ | ○ |
| -20 to 70°C | △ | ○ | ○ | ○ | ○ | ○ | ○ |
| -40 to 85°C | | | △ | ○ | ○ | ○ | ○ |
| -40 to 125°C | | | | | | △ | ○ |

○:可实现的 △:与供应商沟通

Table 2

■外型尺寸 Outline Dimensions(Unit:mm)



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Resonators](#) category:

Click to view products by [JWT](#) manufacturer:

Other Similar products are found below :

[B39431R820H210](#) [CSAC2.00MGCM-TC](#) [ECS-HFR-40.00-B-TR](#) [CSTLS4M00G53Z-A0](#) [ZTB455E](#) [ECS-CR2-16.00-A-TR](#) [ECS-HFR-20.00-B-TR](#) [ECS-CR2-20.00-A-TR](#) [RO3164E-3](#) [ASR418S2-T](#) [CSTNE10M0G520000R0](#) [CSTLS8M00G53093-A0](#) [CSTNE12M0G52A000R0](#) [CSTLS18M4X54-A0](#) [CSTLS16M9X53Z-B0](#) [CSTLS24M0X51-A0](#) [CSTLS25M0X51-B0](#) [CSTLS18M0X51-B0](#) [CSTLS4M00G53093-A0](#) [CSTLS18M4X53-A0](#) [CSTNE16M0V510000R0](#) [CSTLS30M0X53-B0](#) [CSTLS33M8X53-B0](#) [CSTLS16M9X53-A0](#) [CSTLS6M40G56-B0](#) [CSTLS6M25G56-A0](#) [CSTNE14M7V510000R0](#) [CSTLS18M4X53-B0](#) [CSTLS33M0X51-B0](#) [CSTLS5M50G56-B0](#) [7B008000I01](#) [7D038400I01](#) [TAXM24M2ILDBET2T](#) [TAXM26M2IHDBET2T](#) [146-32.768-12.5-20-20/A](#) [3225-24.00-12-10-10/A](#) [7B009843M01](#) [CF4016M00009T8188042](#) [S32400001B0730D1JB](#) [X252016MLB4SI](#) [Q24FA20H00389](#) [CSTLS16M0X54-B0](#) [CSTLS4M19G56-B0](#) [9AC04194152080D2JB](#) [CST3.58MGW](#) [CSTCR4M91G55B-R0](#) [CSTLS3M68G56-B0](#) [S2100327072090](#) [FC-12M32.768KHZ9PF20PPM](#) [7Y032768NW2](#)