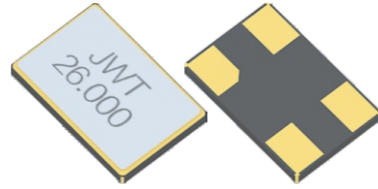


■特点 Features

标准的 2.5 x 2.0 x 0.55 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 2.5 x 2.0 x 0.55 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	SMD2520
频率范围 Frequency Range	12,000 ~ 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
激励电平 Drive Level	10µW Typical (300µW max.)
静态电容 Shunt Capacitance	5pF max.
老化率 Aging	ΔF/F:±3PPM/year(max)

■等效电阻 Equivalent Series Resistance(E.S.R.)

频率范围 Frequency Range	盒型 Hold Type	振荡模式 Mode	等效电阻 E.S.R.	频率范围 Frequency Range	盒型 Hold Type	振荡模式 Mode	等效电阻 E.S.R.
12,000 ~ 15,999MHz	SMD	AT,Fund	150ΩMax.	19,000 ~ 29,999MHz	SMD	AT,Fund	80ΩMax.
16,000 ~ 18,999MHz	SMD	AT,Fund	100ΩMax.	30,000 ~ 54,000MHz	SMD	AT,Fund	60ΩMax.

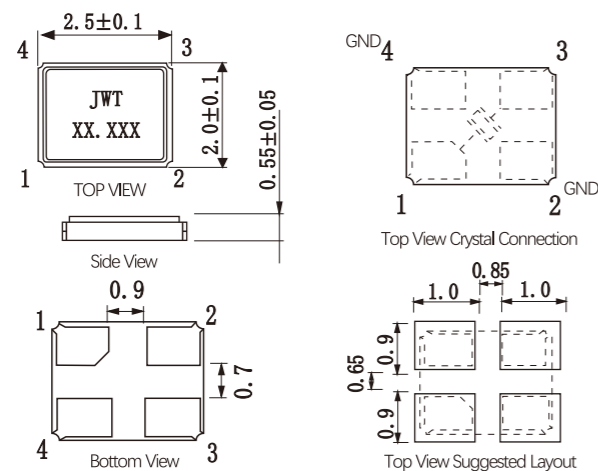
Table 1

■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						△	○

Table 2

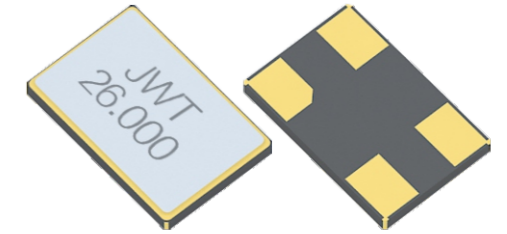
■外型尺寸 Outline Dimensions(Unit:mm)



■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
激励电平 Drive Level	10µW Typical (300µW max.)
静态电容 Shunt Capacitance	5pF max.
老化率 Aging	ΔF/F:±3PPM/year(max)

■等效电阻 Equivalent Series Resistance(E.S.R.)

频率范围 Frequency Range	盒型 Hold Type	振荡模式 Mode	等效电阻 E.S.R.	频率范围 Frequency Range	盒型 Hold Type	振荡模式 Mode	等效电阻 E.S.R.
8,000 ~ 9,839MHz	SMD	AT,Fund	500ΩMax.	16,000 ~ 18,999MHz	SMD	AT,Fund	60ΩMax.
9,840 ~ 11,999MHz	SMD	AT,Fund	300ΩMax.	19,000 ~ 29,999MHz	SMD	AT,Fund	40ΩMax.
12,000 ~ 15,999MHz	SMD	AT,Fund	80ΩMax.	30,000 ~ 54,000MHz	SMD	AT,Fund	30ΩMax.

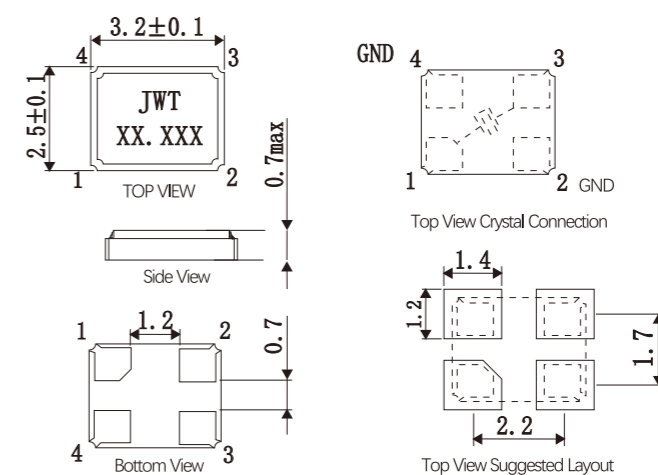
Table 1

■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						△	○

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 [Crystals](#) category:

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

Other Similar products are found below :

[CX3225GB25000M0PPSZ1](#) [718-13.2-1](#) [MC405 32.0000K-R3:PURE SN](#) [7A-40.000MAAE-T](#) [FL2000085](#) [99-BU](#) [9B-15.360MBBK-B](#) [9C-7.680MBBK-T](#) [H10S-12.000-18-EXT-TR](#) [ABC2-6.000MHZ-D4Z-T](#) [ABLS-20.000MHZ-D2-T](#) [ABS071-32.768KHZ-6-T](#) [R38-32.768-12.5-5PPM-NPB](#) [BTD1062E05A-513](#) [21U15A-21.4MHZ](#) [RTX-781DF1-S-20.950](#) [LFXTAL066198Cutt](#) [9C-14.31818MBBK-T](#) [A-11.000MHZ-27](#) [ABL-27.000MHZ-B4Y-T](#) [ABM11-132-24.000MHZ-T3](#) [ABM3B1-25.000MHZ-D2Y-T](#) [SPT2A-.032768B](#) [SPT2A.032768G](#) [SSPT7F-9PF20-R](#) [FX325BS-38.88EEM1201](#) [LFXTAL065253Cutt](#) [LFXTAL066431Cutt](#) [XT9S20ANA14M7456](#) [XT9SNLANA16M](#) [7A-24.576MBBK-T](#) [7B-30.000MBBK-T](#) [7A-14.31818MBBK-T](#) [6504-202-1501](#) [6526-202-1501](#) [ABLS-12.000MHZ-B2Y-T](#) [7A-10.000MBBK-T](#) [SG636PCE-20.000MC](#) [3404](#) [E1SAA18-25.000M](#) [TR](#) [CM315D32768EZFT](#) [C1E-24.000-7-2020-R](#) [C1E-19.200-12-1530-X-R](#) [C1E-16.000-12-1530-X-R](#) [ABM11-16.000MHZ-9-B1U-T](#) [FL5000014](#) [EUCA18-3.1872M](#) [FX0800015](#) [425F35E027M0000](#) [FP0800018](#)