石英晶体谐振器(XTAL) Quartz Crystal

■特点Features

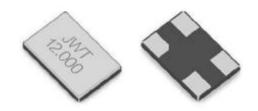
标准的 3.2 x 2.5 x 0.7 mm 陶瓷封装表面贴装形式 小公差及高稳定性

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℃)	± 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 μ W Typical (300 μ W max.)
静态电容 Shunt Capacitance	5pF max.
年老化率 Aging	\triangle F/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	60ΩMax.
9.840 ~ 11.999MHz	SMD	AT,Fund	300 Ω Max.	19.000 ~ 29.999MHz	SMD	AT,Fund	40ΩMax.
12.000 ~ 15.999MHz	SMD	AT,Fund	80 Ω Max.	30.000 ~ 54.000MHz	SMD	AT,Fund	30ΩMax.

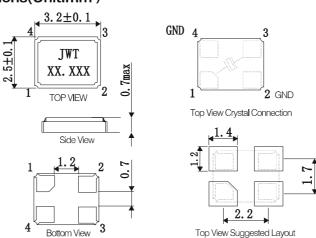
Table 1

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

Temp.(℃)\ppm	±5	± 10	± 15	± 20	± 25	± 30	± 50
−10 to 60°C	Δ	0	0	0	0	0	0
− 20 to 70°C	Δ	0	0	0	0	0	0
-40 to 85°C			Δ	0	0	0	0
−40 to 125°C						Δ	0

○: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 7B008000101 TD038400101 TAXM24M2ILDBET2T TAXM26M2IHDBET2T 146-32.768-12.5-20-20/A 3225-24.00-12-10-10/A 7B009843M01 CF4016M0000978188042 S32400001B0730D1JB X252016MLB4SI Q24FA20H00389 CSTLS16M0X54-B0 CSTLS4M19G56-B0 9AC04194152080D2JB CST3.58MGW CSTCR4M91G55B-R0 CSTLS3M68G56-B0 S2100327072090 FC-12M32.768KHZ9PF20PPM 7Y032768NW2