CRYSTAL UNIT YSX321SL











Applications

Features

- SmartWearable
- Dimensions:3.20 x 2.50 x 0.70 mm.
- IOT Communication.
- Standard Frequency: 8 to 64MHz
- High precision and high frequency stability.
- Extremely good for reducing EMI effect.



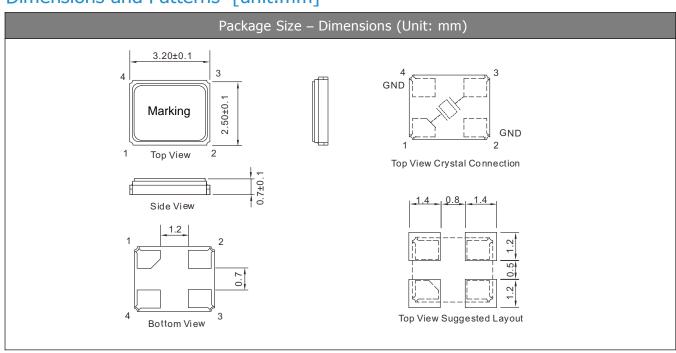
Specifications

Standard Frequency	8 to 64 MHz			
Vibration Mode	AT Fundamental			
Load Capacitance	10pF, 20pF, or specify			
Frequency Tolerance (at 25 °C)	±10ppm, ±20ppm, or specify			
Frequency Versus Temperature Characteristics	±20ppm, or specify			
Operating Temperature	-20~+70°C, -40~+85°C, or specify			
Storage Temperature	-55~+125°C or specify			
Shunt Capacitance	7 pF Max.			
Level of Drive	1~200µWMax. (100uW typical)			
Aging (at 25 ℃)	±3ppm/year Max.			

Equivalent Series Resistance(ESR)

Fundamental						
8 ~ 11.2892MHz	150 Ω Max.					
12 ~ 16 MHz	80 Ω Max.					
17 ~ 64 MHz	50 Ω Max.					

Dimensions and Patterns [unit:mm]



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Reflow Soldering Profile

Pre Heating Temperature

Tp1 ~ Tp2 = + 170 °C

Heating Temperature

TMIt = + 220 °C

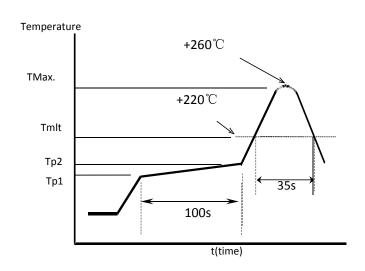
Peek Temperature

TMax. = + 260 °C

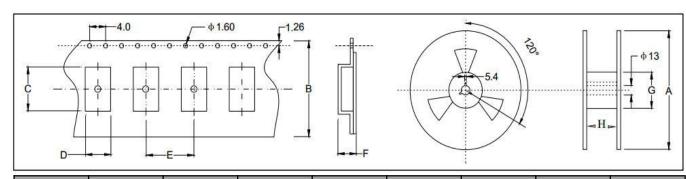
Point of measuring

In case of Solder ability

In case of Resistance to soldering heat Surface.



Taping Specification(Unit: mm)



Size	А	В	С	D	Е	F	G	Н	
SMD-3225	180±2.0	8.0±0.3	3.50±0.1	2.50±0.1	4.0±0.1	1.40±0.1	61.0±1.0	8.0±1.0	
3000 pcs per reel									