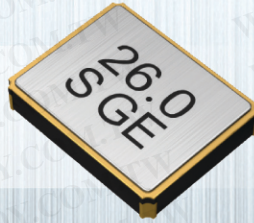


Crystal Unit

# SX-3225



● Applications

OA • AV machine • Bluetooth • Wireless LAN

● Features

Ultra-thin • Dimensions(3.2×2.5×0.6)  
 Ceramic SMD Package • Leadless Type  
 Tight Tolerance and Stability • Vacuum Seam Sealed  
 Reflow Soldering • Emboss Taping  
 RoHS Compliant

## ▼ Specifications

Type	SX-3225	
Nominal frequency range	12.000~50.000MHz	
Crystal cut	Fundamental [AT-cut]	
Storage temperature range	-40~+90°C	
Operating temperature range	-10~+60°C	-30~+85°C
Frequency temperature characteristics (Ref. to +25°C)	±10×10 <sup>-6</sup>	±15×10 <sup>-6</sup>
Frequency tolerance(at +25°C)	±10×10 <sup>-6</sup>	
Equivalent series resistance	100Ω:12.000~15.999MHz 80Ω:16.000~18.999MHz	60Ω:19.000~29.999MHz 40Ω:30.000~54.000MHz
Load capacitance	series, 10pF, 12pF, 16pF	
Shunt capacitance	5pF max.	
Level of drive	10μW(100μW max.)	

Package quantity : 1,000pcs max./reel.

## ▼ Outline Dimensions [unit:mm]

3.2±0.1

2.5±0.1

0.6±0.1

1.0

1.2

#1 #2

#4 #3

CO. 3

TOP VIEW

#4 #3

#1 #2

Maximum marking length

line1	line2	Marking
4	4	Laser
ex.)		
2 4 . 5		
S DC		

#1,#3: Crystal terminal / #2,#4: Connected to cover.  
 (Please connect it with GND.)

Example of a Terminal Land Pattern

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