

Typical applications

- OA(office automation) ・ AV(audio & visual) equipment
- Bluetooth, Wireless LAN Short-range Wireless module.

Features

- Ultra compact, thin and lightweight SMD crystal unit.(2.0x1.6x0.45mm)
- High precision and high reliability.
- Products are lead-free. It can also meet the requirements of reflow profile using lead-free solder.
- Conformance with RoHS directive.

Typical specifications

Type	SBX-2016	
Nominal frequency range	26.000 ~ 50.000MHz	
Crystal cut	Fundamental [AT-cut]	
Frequency tolerance(at +25°C)	$\pm 10 \times 10^{-6} \sim \pm 100 \times 10^{-6}$	
Operating temperature range	-10~+75°C	-30~+85°C
Frequency temperature characteristics (Ref to +25°C)	$\pm 10 \times 10^{-6}$	$\pm 15 \times 10^{-6}$
Equivalent series resistance	26.000~35.999MHz : 100 Ω 36.000~50.000MHz : 80 Ω	
Load capacitance	8pF, 10pF, 12pF	
Level of drive	10 μW (100 μW max.)	
Storage Temperature Range	-40~+90°C	

This is under developed. When you have a demand for sample, please contact our sales office.

The specification abovementioned is subject to change resulted from improvement of characteristics of products. For the newest specification, please consult our sales office.

Outline Dimensions[Unit : mm]

Top View

#2,#4 is connected with a cover

Example of a Terminal Land Pattern

Number of maximum marking digits		Marking Color
One steps in width	Two steps in width	
4	4	Laser