

5.0×3.2mm for Mobile Communications



RoHS Compliant

### Features

- Reference frequency for telecommunication systems
- Ceramic package
- Reflow compatible

### Applications

- Mobile Communications, Bluetooth®, Wireless LAN

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### How to Order

**CX5032SB 26000 H0 F L J Z1**  
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series ② Frequency  
③ Load Capacitance ④ Frequency Tolerance  
⑤ Operating Temp. Range ⑥ Frequency Temp. Stability  
⑦ Individual Specification (STD Specification is "Z1")

<b>H0</b>	12 pF	<b>F</b>	$\pm 10 \times 10^{-6}$
<b>LJ</b>	-30 to +85°C		$\pm 15 \times 10^{-6}$

Packaging (Tape & Reel 1000 pcs./ reel)

## Specifications

Item	Symbol	Specification		Units	Remarks
Frequency Range	f <sub>nom</sub>	9800 to 50000	50 to 80 (MHz)	kHz	
Overtone Order	OT	Fundamental	3rd. Overtone	—	
Load Capacitance	CL	12		pF	Please contact us for other Load Capacitance.
Frequency Tolerance	f <sub>tol</sub>	±10		×10 <sup>-6</sup>	25°C±3°C
Motional Series Resistance	R1	Table 1		ohm	
Drive Level	DL	Table 2		μW	
Operating Temp. Range	T <sub>use</sub>	-30 to +85		°C	
Storage Temp. Range	T <sub>stg</sub>	-40 to +85		°C	
Frequency Temp. Characteristics	f <sub>tem</sub>	±15		×10 <sup>-6</sup>	Freq. deviation from the value at 25°C

Please contact us for other specifications.

### Table1 Motional Series Resistance

Frequency Range	Motional Series Resistance
9800≤f <sub>nom</sub> <10000kHz	150Ω max.
10000≤f <sub>nom</sub> <12000kHz	80Ω max.
12000≤f <sub>nom</sub> <26000kHz	50Ω max.
26000≤f <sub>nom</sub> ≤50000kHz	40Ω max.
* 50≤f <sub>nom</sub> ≤80 (MHz)	80Ω max.

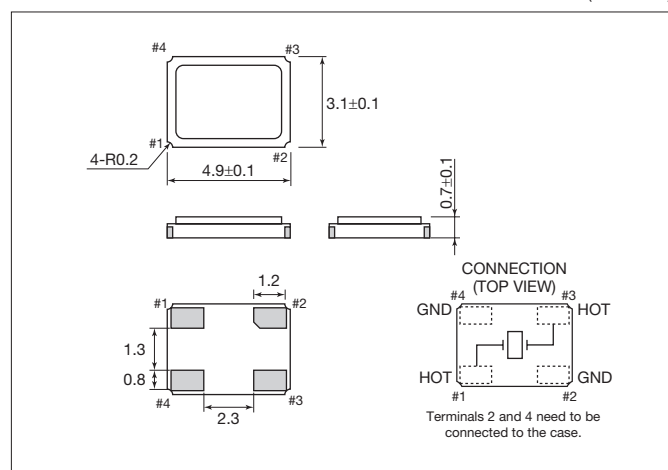
\* 3rd Overtone

### Table2 Level of Drive

Frequency Range	Level of Drive
9800≤f <sub>nom</sub> ≤50000kHz	10μW (100μW max.)
50≤f <sub>nom</sub> ≤80 (MHz)	

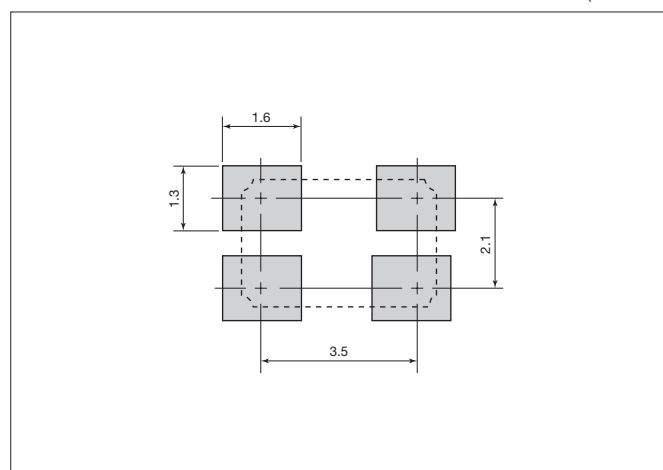
## Dimensions

(Unit: mm)



## Recommended Land Pattern

(Unit: mm)



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