

Pb Free

RoHS Compliant

Features

- Reference frequency for telecommunication systems
- Reflow compatible
- Using ceramic package resulting in high reliability
- Small and low profile

Applications

- Mobile Communications, Bluetooth, Wireless LAN

How to Order

CX5032SB 26000 F0 F L J ZZ
① ② ③ ④ ⑤ ⑥ ⑦

① Code

② Typical Frequencies

Code	Freq.(kHz)	Code	Freq.(kHz)
12000	12000.000	19200	19200.000
12800	12800.000	26000	26000.000
13000	13000.000	32000	32000.000
14400	14400.000	40000	40000.000
16000	16000.000	48000	48000.000

*Please inquire about frequencies other than the above.

③ Load Capacitance

F0	10pF
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④ Frequency Stability

F	±10×10 ⁻⁶
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⑤ Operating Temperature Range

L	-30°C to +85°C
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⑥ Frequency Temperature Stability

J	±15×10 ⁻⁶
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⑦ Special

ZZ	Custom Specification
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Specifications

Items	Symbol	Specification	Units	Remarks
Frequency Range	f _{nom}	9843.75 to 49999	50 to 120(MHz)	kHz
Overtone Order	OT	Fundamental	3rd Overtone	—
Frequency Tolerance	f _{tol}	±10	×10 ⁻⁶	@ 25°C
Frequency Temp. Characteristics	f _{tem}	±15	×10 ⁻⁶	ref.@ 25°C Over Operating Temp. Range
Motional Series Resistance	R1	Table 1	ohm	
Level of Drive	DL	Table 2	μW	
Load Capacitance	CL	10	pF	
Operating Temp. Range	T _{use}	-30 to +85	°C	
Storage Temp. Range	T _{stg}	-40 to +85	°C	

* Please inquire about specifications other than the above.

Table1 Motional Series Resistances

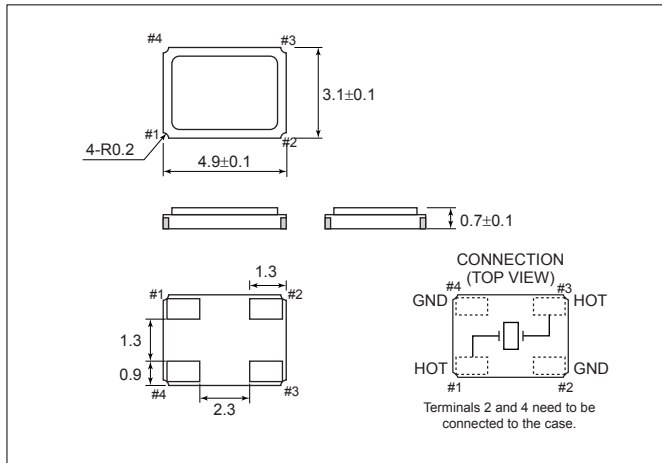
Frequency Range	Motional Series Resistance	Units
9843.75 to 9999kHz	150	ohm
10000 to 11999kHz	80	
12000 to 25999kHz	50	
26000 to 49999kHz	40	
50 to 120(MHz)	80	

Table2 Level of Drive

Frequency Range	Level of Drive	Units
9843.75 to 49999kHz	10 (100 max.)	μW
50 to 120(MHz)(3rdO.T)	10 (100 max.)	

Dimensions

(Unit : mm)



Recommended Land Pattern

(Unit : mm)

