

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

CX4025SB 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	26000	26000.000
13000	13000.000	32000	32000.000
16000	16000.000	40000	40000.000
20000	20000.000		

*Please inquire about frequencies other than the above.

③ Load Capacitance

F0	10pF
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④ Frequency Stability

F	$\pm 10 \times 10^{-6}$
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⑤ Operating Temperature Range

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

J	$\pm 15 \times 10^{-6}$
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⑦ Special

ZZ	Custom Specification
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Specifications

Items	Symbol	Specification	Units	Remarks
Frequency Range	f _{nom}	12000 to 40000	kHz	
Overtone Order	OT	Fundamental	—	
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

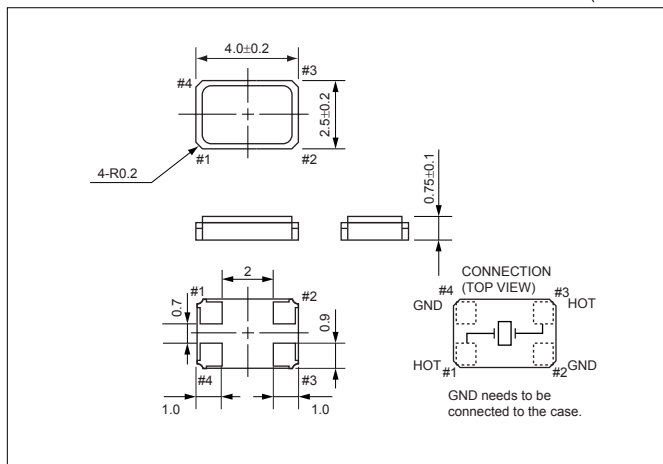
Frequency Range	Motional Series Resistance	Units
12000 to 19999kHz	80	ohm
20000 to 40000kHz	50	

Table2 Level of Drive

Frequency Range	Level of Drive	Units
12000 to 40000kHz	10 (100 max.)	μW

Dimensions

(Unit : mm)



Recommended Land Pattern

(Unit : mm)

