

Ph 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

CX2520SB 26000

① ② ③ ④ ⑤ ⑥ ⑦

- ① Series ② Frequency
 ③ Load Capacitance ④ Frequency Stability

B0	6 pF	—	F	$\pm 10 \times 10^{-6}$	Std.
D0	8 pF	Std.	G	$\pm 15 \times 10^{-6}$	—

- ⑤ Operating Temp. Range ⑥ Frequency Temp. Stability

FF	-20 to +70°C	$\pm 10 \times 10^{-6}$	—
LJ	-30 to +85°C	$\pm 15 \times 10^{-6}$	Std.

- ⑦ Individual Specification... Std.Spec. as "ZZ"

Specifications

Item	Symbol	Specification	Units	Remarks
Frequency Range	f _{nom}	13560 to 60000	kHz	
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	8	pF	
Frequency Stability	f _{tol}	±10	×10 ⁻⁶	@ 25°C
Motional Series Resistance	R1	Table 1	ohm	
Drive Level	DL	Table 2	μW	
Operating Temp. Range	T _{use}	-30 to +85	°C	
Storage Temp. Range	T _{stg}	-40 to +85	°C	
Frequency Temp. Characteristics	f _{tem}	±15	×10 ⁻⁶	ref. @ 25°C over operating temperature range

* Please contact us for other specifications.

Typical Frequencies and Part Numbers

Frequency (kHz)	Standard Part Number
13560.000	CX2520SB13560D0FLJZZ
16000.000	CX2520SB16000D0FLJZZ
18000.000	CX2520SB18000D0FLJZZ
19200.000	CX2520SB19200D0FLJZZ
24000.000	CX2520SB24000D0FLJZZ
26000.000	CX2520SB26000D0FLJZZ
27120.000	CX2520SB27120D0FLJZZ
32000.000	CX2520SB32000D0FLJZZ
38400.000	CX2520SB38400D0FLJZZ
40000.000	CX2520SB40000D0FLJZZ
44000.000	CX2520SB44000D0FLJZZ
54000.000	CX2520SB54000D0FLJZZ

Table1 Motional Series Resistance

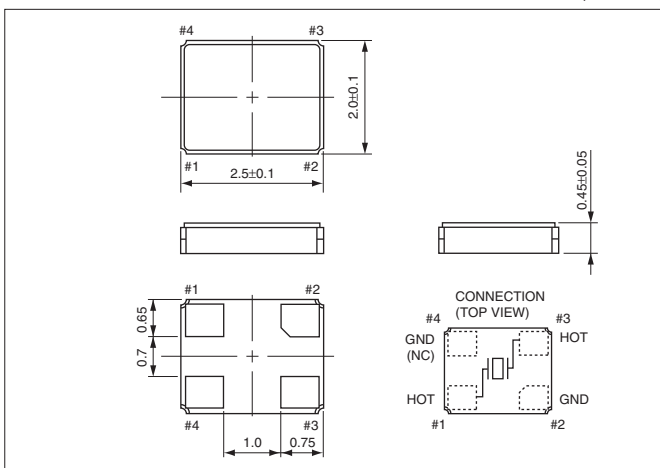
Frequency Range	Motional Series Resistance	Units
13560 to 15999kHz	300 max.	ohm
16000 to 19999kHz	150 max.	
20000 to 39999kHz	100 max.	
40000 to 60000kHz	50 max.	

Table2 Level of Drive

Frequency Range	Drive Level	Units
13560 to 60000kHz	10 (100 max.)	μW

Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)

