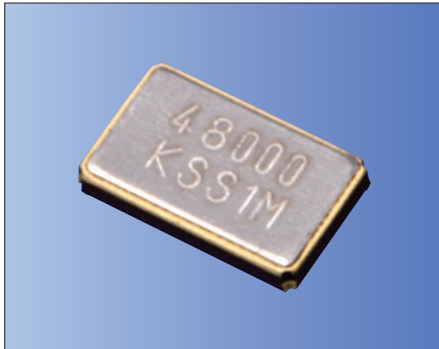




Ph Free

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
- Car audio and accessories

How to Order

CX5032SB 26000 ☐ ☐ ☐ ☐ ☐ ☐

① ② ③ ④ ⑤ ⑥ ⑦

① Series

② Frequency

③ Load Capacitance

④ Frequency Stability

D0	8 pF	—
F0	10 pF	Std.
H0	12 pF	—
S0	Series	—

F	$\pm 10 \times 10^{-6}$	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}	9800 to 49999	50 to 120 (MHz)	kHz
Overtone Order	OT	Fundamental	3rd. Overtone	—
Load Capacitance	CL	10	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.

Table1 Motional Series Resistance

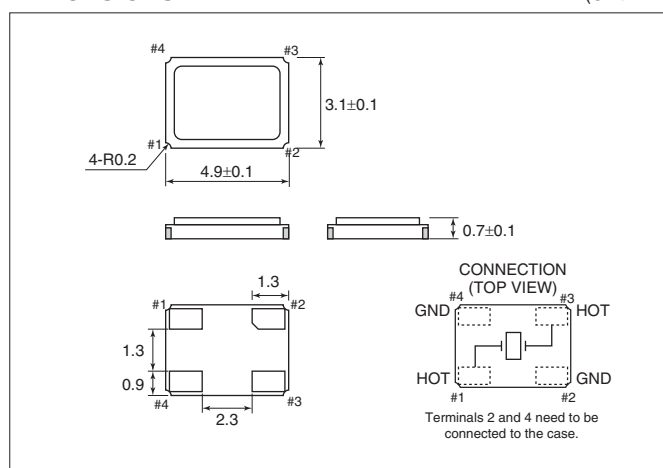
Frequency Range	Motional Series Resistance	Units
9800 to 9999kHz	150 max.	ohm
10000 to 11999kHz	80 max.	
12000 to 25999kHz	50 max.	
26000 to 49999kHz	40 max.	
50 to 120 (MHz)	80 max.	

Table2 Level of Drive

Frequency Range	Drive Level	Units
9800 to 49999kHz	10 (100 max.)	μW
50 to 120 (MHz)		

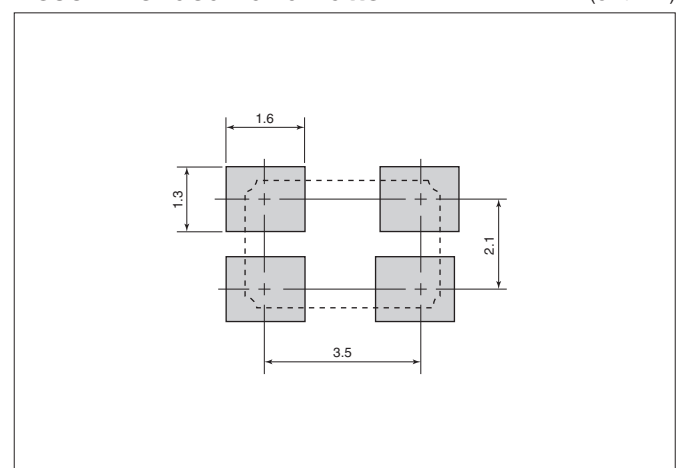
Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)



Mouser Electronics

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