

5.0×3.2mm for Audio & Visual, Office Equipment



RoHS Compliant

**Features**

- Crystal unit for audio-visual, office equipment
- Small and low profile (5.0×3.2×1.0mm)
- Ceramic package
- Product with lead free terminations
- Reflow compatible

**Applications**

- Digital Electronics
- Audio-Visual, Office Equipment

**How to Order**

CX5032GB 48000

① ② ③ ④ ⑤ ⑥ ⑦

- ① Series
- ② Frequency
- ③ Load Capacitance
- ④ Frequency Stability
- ⑤ Operating Temperature Range
- ⑥ Frequency Temperature Stability
- ⑦ Individual Specification

**Specifications**

Item	Symbol	Specification	Units	Remarks
Frequency Range	f <sub>nom</sub>	8000 to 54000	kHz	
Overtone Order	OT	Fundamental	—	
Frequency Tolerance	f <sub>tol</sub>	±50	×10 <sup>-6</sup>	@ 25°C
Frequency Temp. Characteristics	f <sub>tem</sub>	±50	×10 <sup>-6</sup>	ref. @ 25°C Over Operating Temp. Range
Motional Series Resistance	R1	Table 1	ohm	
Level of Drive	DL	Table 2	μW	
Load Capacitance	CL	12	pF	
Operating Temp. Range	T <sub>use</sub>	-10 to +70	°C	
Storage Temp. Range	T <sub>stg</sub>	-40 to +85	°C	

\* Please inquire about specifications other than the above.

Typical Frequencies

Code	Frequency (kHz)
10000	10000.000
12000	12000.000
14318	14318.180
14745	14745.600
16934	16934.400
18432	18432.000
22579	22579.200
24000	24000.000
24545	24545.450
24576	24576.000
27000	27000.000
36000	36000.000
48000	48000.000
54000	54000.000

**Table1 Motional Series Resistances**

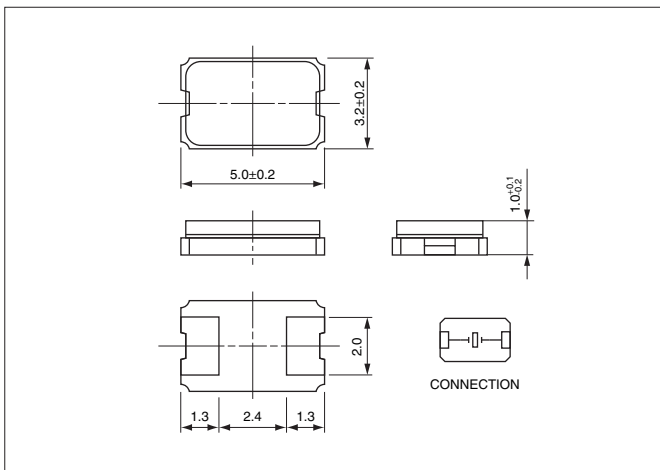
Frequency Range	Motional Series Resistance	Units
8000 to 9999kHz	300 max.	ohm
10000 to 11999kHz	200 max.	
12000 to 13999kHz	150 max.	
14000 to 29999kHz	100 max.	
30000 to 54000kHz	50 max.	

**Table2 Level of Drive**

Frequency Range	Level of Drive	Units
8000 to 15999kHz	10 (500 max.)	μW
16000 to 24999kHz	10 (300 max.)	
25000 to 54000kHz	10 (100 max.)	

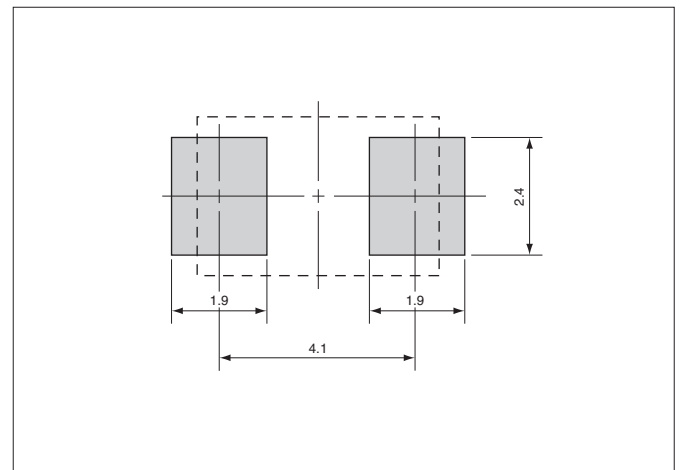
**Dimensions**

(Unit: mm)



**Recommended Land Pattern**

(Unit: mm)



# Mouser Electronics

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