



### 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

\* Bluetooth® Trademarks are owned by Bluetooth SIG Inc.

### How to Order

CX2016DB 26000 □ □ □ □ □ □ □  
①            ②            ③    ④    ⑤    ⑥    ⑦

- ① Series                      ② Frequency  
③ Load Capacitance    ④ Frequency Stability
- |           |      |      |          |                      |      |
|-----------|------|------|----------|----------------------|------|
| <b>B0</b> | 6 pF | —    | <b>F</b> | ±10×10 <sup>-6</sup> | Std. |
| <b>D0</b> | 8 pF | Std. | <b>G</b> | ±15×10 <sup>-6</sup> | —    |
- ⑤ Operating Temp. Range ⑥ Frequency Temp. Stability
- |           |              |                      |      |
|-----------|--------------|----------------------|------|
| <b>FF</b> | -20 to +70°C | ±10×10 <sup>-6</sup> | —    |
| <b>LJ</b> | -30 to +85°C | ±15×10 <sup>-6</sup> | Std. |
- ⑦ Individual Specification

Packaging (Tape & Reel 3000/ 1000 pcs./ reel)

### Specifications

Item	Symbol	Specification	Units	Remarks
Frequency Range	f <sub>nom</sub>	20000 to 54000	kHz	
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	8	pF	
Frequency Stability	f <sub>tol</sub>	±10	×10 <sup>-6</sup>	25°C±3°C
Motional Series Resistance	R1	Table 1	ohm	
Drive Level	DL	Table 2	μW	
Operating Temp. Range	T <sub>use</sub>	-30 to +85	°C	
Storage Temp. Range	T <sub>stg</sub>	-40 to +85	°C	
Frequency Temp. Characteristics	f <sub>tem</sub>	±15	×10 <sup>-6</sup>	Freq. deviation from the value at 25°C

• Please contact us for other specifications.

### Typical Frequencies and Part Numbers

Frequency (kHz)	Part Number
26000.000	CX2016DB26000D0FLJZ1
27120.000	CX2016DB27120D0FLJZ1
37400.000	CX2016DB37400D0FLJZ1
38400.000	CX2016DB38400D0FLJZ1
40000.000	CX2016DB40000D0FLJZ1
48000.000	CX2016DB48000D0FLJZ1
52000.000	CX2016DB52000D0FLJZ1

### Table1 Motional Series Resistance

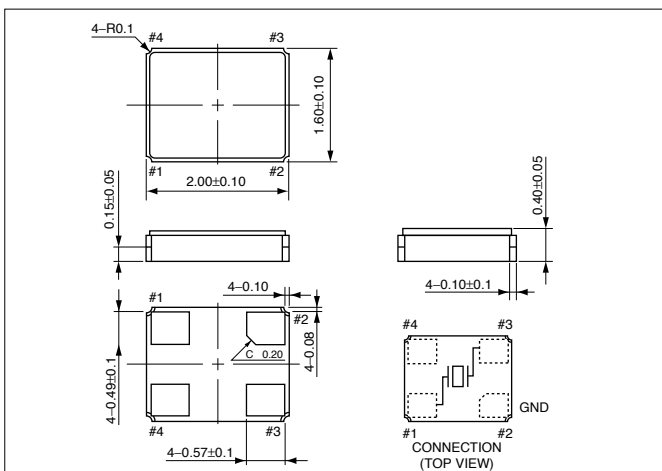
Frequency Range	Motional Series Resistance
20000 to 25999kHz	150Ω max.
26000 to 35999kHz	80Ω max.
36000 to 39999kHz	60Ω max.
40000 to 54000kHz	50Ω max.

### Table2 Level of Drive

Frequency Range	Level of Drive
20000 to 54000kHz	10μW (100μW max.)

### Dimensions

(Unit: mm)



### Recommended Land Pattern

(Unit: mm)

