

8.0×4.5mm for Consumer Products



RoHS Compliant

Features

- Crystal unit for Consumer Products
- Small and low profile (8.0×4.5×1.8mm)
- Ceramic package
- Reflow compatible

Applications

- Digital Electronics
- Consumer Products

How to Order

CX8045GB 07200

- | | |
|----------------------------|-------------------------------|
| ① Series | ② Frequency |
| ③ Load Capacitance | ④ Frequency Tolerance |
| H0 12 pF | H ±20×10 ⁻⁶ |
| ⑤ Operating Temp. Range | ⑥ Frequency Temp. Stability |
| EQ -10 to +70°C | ±30×10 ⁻⁶ |
| ⑦ Individual Specification | |

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

Specifications

| Item | Symbol | Specification | Units | Remarks |
|---------------------------------|------------------|---------------|-------------------|---|
| Frequency Range | f _{nom} | 4000 to 48000 | kHz | |
| Overtone Order | OT | Fundamental | — | |
| Load Capacitance | CL | 12 | pF | Please contact us for other Load Capacitance. |
| Frequency Tolerance | f _{tol} | ±20 | ×10 ⁻⁶ | 25°C±3°C |
| Motional Series Resistance | R1 | Table 1 | ohm | |
| Drive Level | DL | Table 2 | μW | |
| Operating Temp. Range | T _{use} | -10 to +70 | °C | |
| Storage Temp. Range | T _{stg} | -40 to +85 | °C | |
| Frequency Temp. Characteristics | f _{tem} | ±30 | ×10 ⁻⁶ | Freq. deviation from the value at 25°C |

Please contact us for other specifications.

Table1 Motional Series Resistance

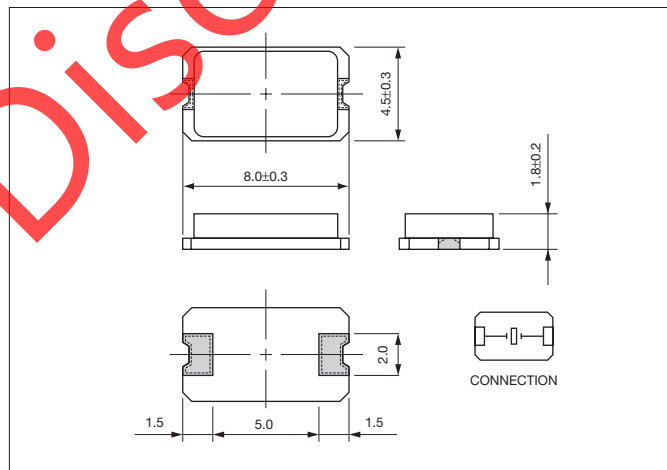
| Frequency Range | Motional Series Resistance |
|----------------------------------|----------------------------|
| 4000≤f _{nom} < 7200kHz | 300Ω max. |
| 7200≤f _{nom} <10000kHz | 200Ω max. |
| 10000≤f _{nom} <12000kHz | 150Ω max. |
| 12000≤f _{nom} ≤48000kHz | 100Ω max. |

Table2 Level of Drive

| Frequency Range | Level of Drive |
|----------------------------------|-------------------|
| 4000≤f _{nom} <16000kHz | 10μW (500μW max.) |
| 16000≤f _{nom} <25000kHz | 10μW (300μW max.) |
| 25000≤f _{nom} ≤48000kHz | 10μW (100μW max.) |

Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)

