

8.0×4.5mm for Consumer Products



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

| CX8045GA 08000 | <u> </u> | | | |
|---|------------------------|--|--|--|
| 1 2 | 3 4 5 6 7 | | | |
| ① Series | ② Frequency | | | |
| 3 Load Capacitance | 4 Frequency Tolerance | | | |
| H0 12 pF | Q ±50×10 ⁻⁶ | | | |
| ⑤ Operating Temp. Range ⑥ Frequency Temp. Stability | | | | |
| EQ −10 to +70°C | ±50×10 ⁻⁶ | | | |

7 Individual Specification

Packaging (Tape & Reel 1000 pcs./ reel)

Specifications

| Item | Symbol | Specification | Units | Remarks |
|---------------------------------|--------|---------------|-------------------|---|
| Frequency Range | f_nom | 4000 to 8000 | kHz | |
| Overtone Order | ОТ | Fundamental | _ | |
| Load Capacitance | CL | 12 | pF | Please contact us for other Load Capacitance. |
| Frequency Tolerance | f_tol | ±100 | ×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 | ±50 | ×10 ⁻⁶ | Freq. deviation from the value at 25°C |

(Unit: mm)

Please contact us for other specifications.

Dimensions

Table1 Motional Series Resistance

| Frequency Range | Motional Series Resistance |
|---------------------|----------------------------|
| 4000≤f_nom< 8000kHz | 300Ω max. |

Table2 Level of Drive

| Frequency Range | Level of Drive |
|--------------------|-------------------|
| 4000≤f_nom<8000kHz | 10μW (500μW max.) |

8.0±0.3 CONNECTION

