

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

CX8045GA 08000 HO P E Q Z1
 ① ② ③ ④ ⑤ ⑥ ⑦

① Series	② Frequency
③ Load Capacitance	④ Frequency Tolerance
HO 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 (STD Specification is "Z1")

Packaging (Tape & Reel 1000 pcs./ reel)

Specifications

Item	Symbol	Specification	Units	Remarks
Frequency Range	f _{nom}	4000 to 8000	kHz	
Overtone Order	OT	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

Please contact us for other specifications.

Table1 Motional Series Resistance

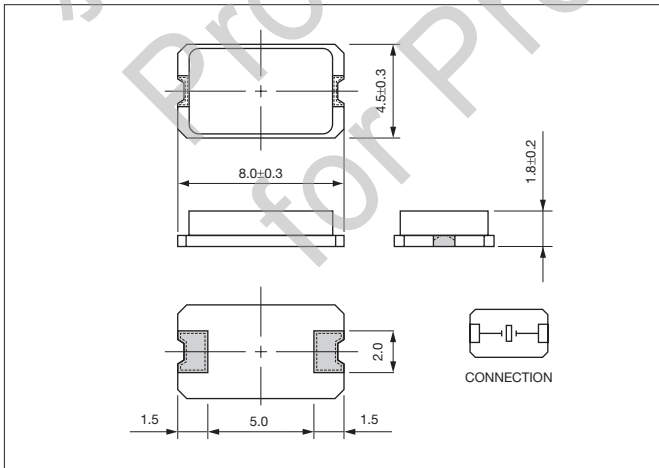
Frequency Range	Motional Series Resistance
4000 ≤ f _{nom} < 8000kHz	300Ω max.

Table2 Level of Drive

Frequency Range	Level of Drive
4000 ≤ f _{nom} < 8000kHz	10μW (500μW max.)

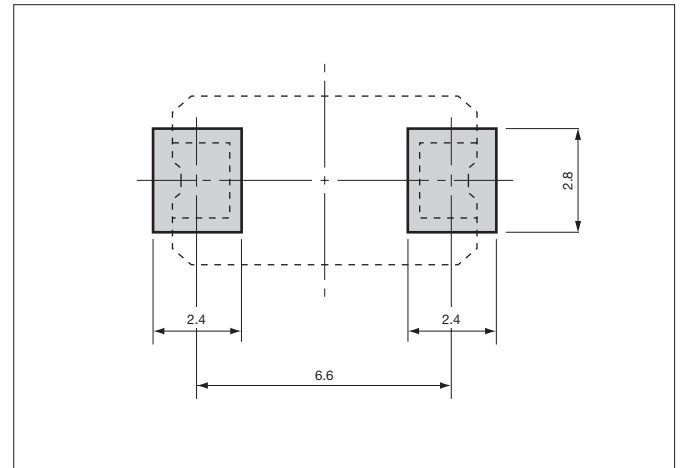
Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)



Mouser Electronics

Authorized Distributor

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[CX8045GA04000H0PST03](#)