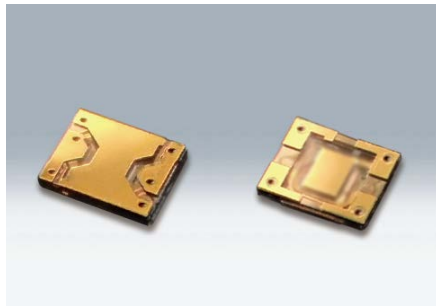


SMD Crystal Resonators / MHz Band Crystal Resonators

DX1008JS



Actual size □

■ Features

- 1008 size, height 0.13mm max.
Unprecedented extremely low-profile package using a novel structure
- Composed only of quartz crystal plates and metallic films without the use of a ceramic base
- Long-term high resistance to aging, due to avoiding the use of an organic conductive adhesive
- Reduced risk of the inclusion of foreign matter due to assembly in a vacuum environment

■ Applications

- Mobile communications and short-range wireless modules
- Wearable devices
- Automotive millimeter-wave radar



GOOD DESIGN
AWARD 2019

■ Standard Specification

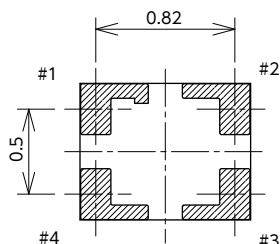
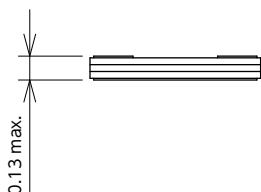
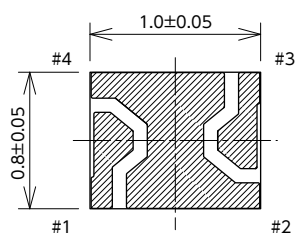
Item	Type	DX1008JS		
Frequency Range		48MHz	52MHz/80MHz/96MHz	120MHz
Overtone Order		Fundamental		
Load Capacitance		8pF, 10pF, 12pF		
Drive Level		10μW (100μW max.)		
Frequency Tolerance		±20×10 ⁻⁶ (at 25°C)		±100×10 ⁻⁶ (at 25°C)
Series Resistance	100Ω max.		60Ω max.	40Ω max.
Frequency Characteristics over Temperature		±30×10 ⁻⁶ / -30 to +85°C (Ref.To 25°C)		
Storage Temperature Range		-40 to +85°C		
Packing Unit (1)		3000pcs./reel (φ180)		

(1) Moisture prevention packing is unnecessary.
Moisture Sensitivity Level: LEVEL1 (IPC/JEDEC J-STD-033)

Consult our sales representative for other specifications

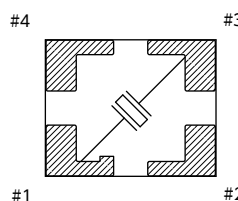
[mm]

■ Dimensions



■ Internal Connections

〈Top View〉



■ Recommended Land Pattern

〈Top View〉

