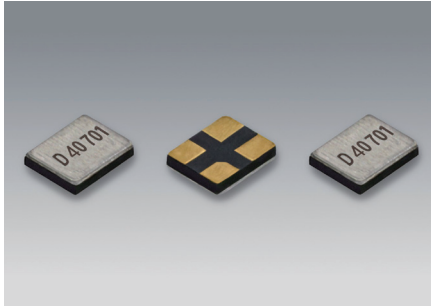


# SMD Crystal Resonators / MHz Band Crystal Resonators

## DSX1008A



Actual size □

### ■ Features

- 1008 size ultra miniature and lightweight SMD crystal resonator with a low profile of 0.3mm max.
- High precision and high reliability
- Allowing for high density surface mounting.

### ■ Applications

- Small mobile devices for next generation such as mobile communications, short-range wireless modules, digital AV equipment and PC.
- Wearable devices



### ■ Standard Specification

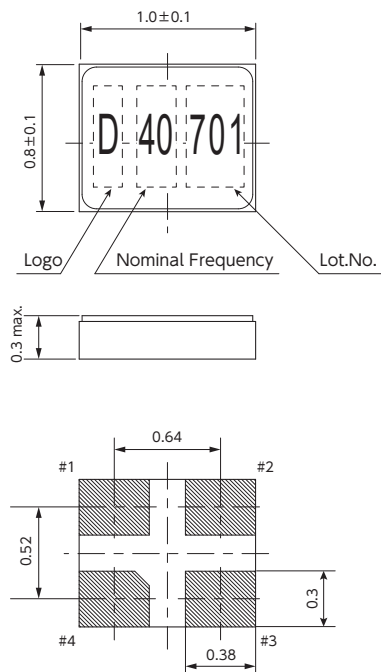
Item	Type	DSX1008A	
Frequency Range		40 to 59.97MHz	59.97 to 80MHz
Overtone Order		Fundamental	
Load Capacitance		8pF, 10pF, 12pF	
Drive Level		10μW (100μW max.)	
Frequency Tolerance		±10×10 <sup>-6</sup> , ±20×10 <sup>-6</sup> (at 25°C)	
Series Resistance		80Ω max.	60Ω max.
Frequency Characteristics over Temperature		±12×10 <sup>-6</sup> / -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.

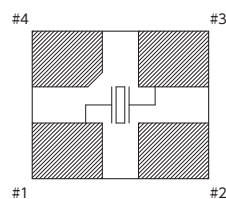
[mm]

### ■ Dimensions



### ■ Internal Connections

〈Top View〉



# 1 & # 3 connected to quartz element  
# 2 connected to the cover  
# 4 open (unconnected)

### ■ Recommended Land Pattern

〈Top View〉

