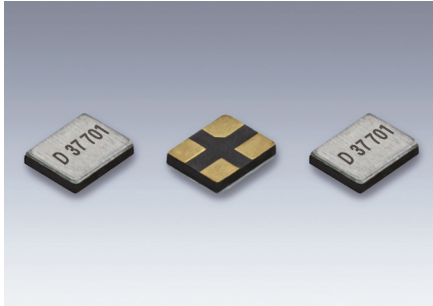


SMD Crystal Resonators / MHz Band Crystal Resonators

DSX1210A



Actual size □

■ Features

- 1210 size ultra miniature and lightweight SMD crystal resonator with a low profile of 0.3mm max.
- High precision and high reliability (Frequency aging specification of $\pm 1 \times 10^{-6}$ /1 year or $\pm 3 \times 10^{-6}$ /5 years is available for cell phone or wireless communication systems etc.)
- 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

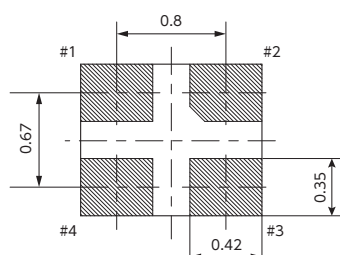
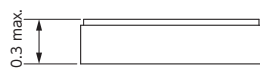
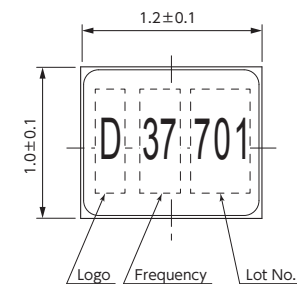
Item	Type	DSX1210A			
		32MHz	37.4MHz / 38.4MHz / 40MHz	48MHz/52MHz	76.8MHz/80MHz/96MHz
Frequency Range		32MHz	37.4MHz / 38.4MHz / 40MHz	48MHz/52MHz	76.8MHz/80MHz/96MHz
Overtone Order		Fundamental			
Load Capacitance		8pF, 10pF, 12pF			
Drive Level		10 μ W (100 μ W max.)			
Frequency Tolerance		$\pm 10 \times 10^{-6}$, $\pm 20 \times 10^{-6}$ (at 25°C)			
Series Resistance		100 Ω max.	60 Ω max.	40 Ω max.	30 Ω max.
Frequency Characteristics over Temperature		$\pm 12 \times 10^{-6}$, $\pm 30 \times 10^{-6}$ / -30 to +85°C (Ref. To 25°C)			
Storage Temperature Range		-40 to +85°C			
Packing Unit (1)		3000pcs./reel ($\phi 180$)			

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

Consult our sales representative for other specifications.

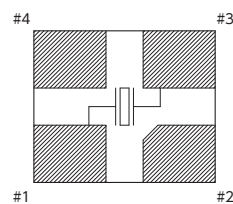
[mm]

■ Dimensions



■ Internal Connections

<Top View>



1 & # 3 connected to quartz element
2 & # 4 connected to the cover

■ Recommended Land Pattern

<Top View>

