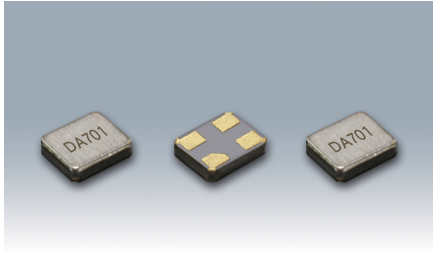


# SMD Tuning Fork Crystal Resonators / kHz Band Crystal Resonators

## DST1210A



Actual size □

### ■ Features

- 1210 size ultra miniature SMD tuning fork crystal resonator with a low profile of 0.35mm max.
- A ceramic package with a metal lid providing high precision and reliability.
- Suitable for mobile communications and consumer devices.
- Metal lid connected to GND terminal to reduce EMI.

### ■ Applications

- Mobile communications and consumer devices, etc.
- Smart card and Wearable devices



### ■ Standard Specification

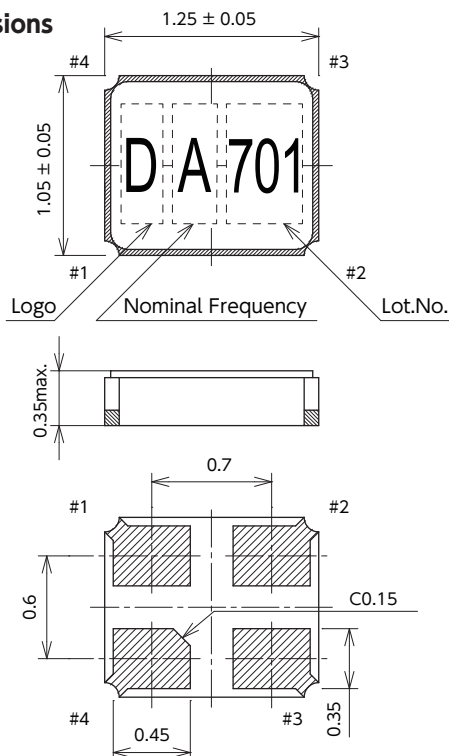
Item	Type	DST1210A
Frequency Range		32.768kHz
Load Capacitance		7pF, 9pF, 12.5pF
Drive Level		0.1 μW (0.2 μW max.)
Frequency Tolerance		±20×10 <sup>-6</sup> (at 25°C)
Series Resistance		80kΩ max.
Turnover Temperature		+25°C ±5°C
Parabolic Coefficient		-0.04×10 <sup>-6</sup> /°C <sup>2</sup> max.
Operating Temperature Range		-40 to +85°C
Storage Temperature Range		-40 to +85°C
Shunt Capacitance		1.0pF typ.
Packing Unit (1)		3000pcs/reel (φ 180)

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

Consult our sales representative for other specifications.

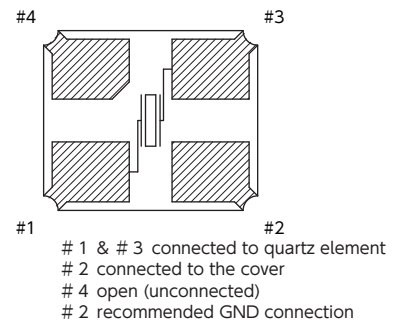
[mm]

### ■ Dimensions



### ■ Internal Connections

<Top View>



### ■ Recommended Land Pattern

<Top View>

