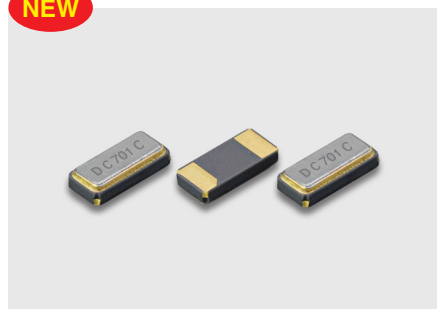


# SMD Tuning Fork Crystal Resonators / kHz Band Crystal Resonators

## DST310SA

**NEW**


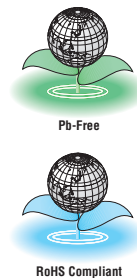
Actual size

### ■ Features

- 3215 size miniature and lightweight SMD tuning fork crystal resonator with a low profile of 0.75mm.
- A ceramic package with a metal lid providing high precision and reliability.
- Series Resistance 50kΩ max. available.
- AEC-Q200 Compliant

### ■ Applications

- Mobile communications, radio-controlled clock, digital home appliances.
- Automotive applications such as multimedia devices (AEC-Q200 Compliant).



### ■ Standard Specification

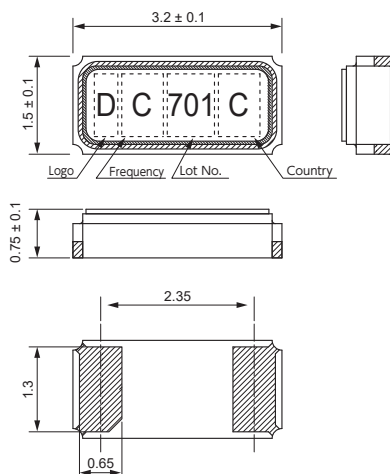
Item	Type	DST310SA
Frequency Range		32.768kHz
Load Capacitance		6pF, 7pF, 9pF, 12.5pF
Drive Level		0.1μW (0.5μW max.)
Frequency Tolerance		$\pm 20 \times 10^{-6}$ (at 25°C)
Series Resistance		50kΩ max.
Turnover Temperature		+25°C±5°C
Parabolic Coefficient		$-0.04 \times 10^{-6}/^{\circ}\text{C}^2$ max.
Operating Temperature Range		-40 to +85°C
Storage Temperature Range		-55 to +85°C
Shunt Capacitance		1.7pF typ.
Packing Unit (1)		3000pcs./reel (φ180)

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

Consult our sales representative for other specifications.

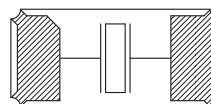
[mm]

### ■ Dimensions



### ■ Internal Connections

&lt;Top View&gt;



### ■ Recommended Land Pattern

&lt;Top View&gt;

