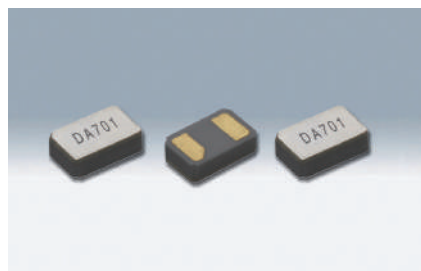


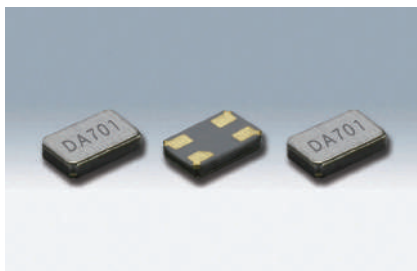
SMD Tuning Fork Crystal Resonators / kHz Band Crystal Resonators

DST1610A/DST1610AL/DST210AC



DST1610A

Actual size □



Actual size □



DST210AC

Actual size □

■ Features

- Ultra miniature SMD tuning fork crystal resonator
DST1610A: 1610size height 0.5mm max.
DST1610AL: 1610size height 0.35mm max.
DST210AC: 2012size height 0.55mm max.
- A ceramic package with a metal lid providing high precision and reliability.
- Metal lid connected to GND terminal to reduce EMI (DST1610AL).
- Suitable for mobile communications and consumer devices.



■ Applications

- Mobile communications and consumer devices, etc.
- Smart card and Wearable devices (DST1610AL).

■ Standard Specification

Item	Type	DST1610A	DST1610AL	DST210AC
Frequency Range		32.768kHz		
Load Capacitance		7pF, 9pF, 12.5pF		
Drive Level		0.1 μW (0.5 μW max.)		
Frequency Tolerance		±20×10 ⁻⁶ (at 25°C)		
Series Resistance		90kΩ max.		80kΩ max.
Turnover Temperature		+25°C ±5°C		
Parabolic Coefficient		-0.04×10 ⁻⁶ /°C ² max.		
Operating Temperature Range		-40 ~ +85°C		
Storage Temperature Range		-40 ~ +85°C		
Shunt Capacitance		1.3pF typ.	1.2pF typ.	1.3pF typ.
Packing Unit		3,000pcs/reel (φ 180)		

Consult our sales representative for other specifications.

■ DST1610A [mm]

■ DST1610AL [mm]

■ DST210AC [mm]

[mm]

■ Dimensions ■ Internal Connections ■ Recommended Land Pattern	■ Dimensions ■ Internal Connections ■ Recommended Land Pattern	■ Dimensions ■ Internal Connections ■ Recommended Land Pattern
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