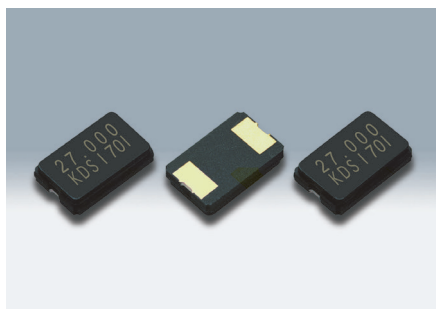


# SMD Crystal Resonators / MHz Band Crystal Resonators

## DSX530GA



Actual size

### ■ Features

- 5032 size miniature SMD crystal resonator with a low profile of 1.0mm.
- Excellent heat resistance, high precision, and high reliability.
- Offers a wide range of frequencies from 7MHz up to 54MHz.
- AEC-Q200 Compliant



### ■ Applications

- Suitable for car navigation systems, digital AV equipment as well as many other applications.

### ■ Standard Specification

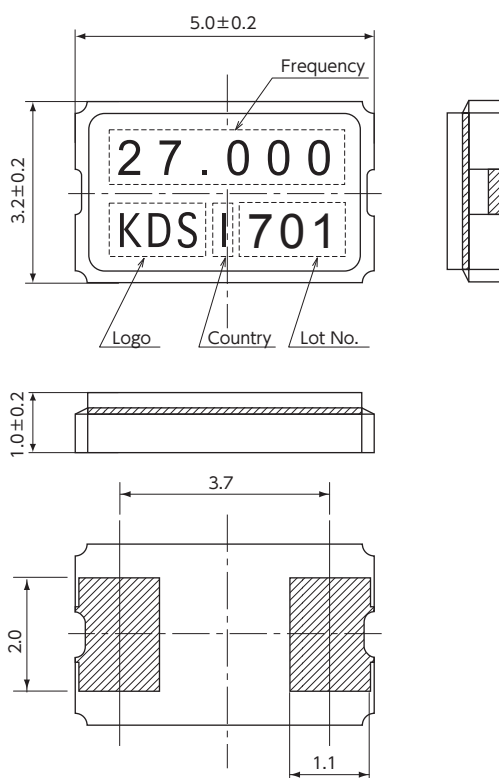
Item	Type	DSX530GA			
Frequency Range		7 to 9MHz	9 to 12MHz	12 to 40MHz	40 to 54MHz
Overtone Order		Fundamental			
Load Capacitance		8pF, 10pF, 12pF			
Drive Level		10 $\mu$ W (300 $\mu$ W max.)			
Frequency Tolerance		$\pm 30 \times 10^{-6}$ (at 25°C)			
Series Resistance		150 $\Omega$ max.	100 $\Omega$ max.	50 $\Omega$ max.	
Frequency Characteristics over Temperature		$\pm 50 \times 10^{-6}$ / -30 to +85°C (Ref. to 25°C)			
Storage Temperature Range		-40 to +85°C			
Packing Unit (1)		1000pcs./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.

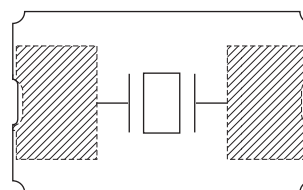
[mm]

### ■ Dimensions



### ■ Internal Connections

<Top View>



### ■ Recommended Land Pattern

<Top View>

