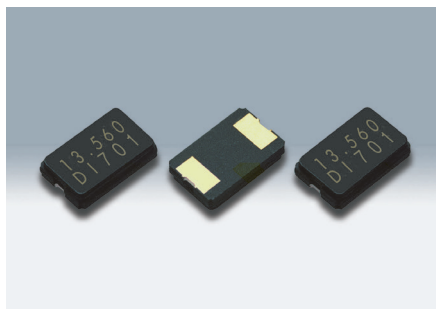


# SMD Crystal Resonators / MHz Band Crystal Resonators (For Automotive)

## DSX530GA



Actual size

### ■ Features

- Miniature and low profile SMD crystal resonator (height 1.0mm)
- Excellent heat resistance, High reliability.
- AEC-Q200 Compliant



RoHS/ELV Compliant

### ■ Applications

- Multimedia devices such as car navigation systems and car audio

### ■ Standard Specification

Item	Type	DSX530GA
Frequency Range		7 to 8MHz
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 $^{\circ}$ C )
Series Resistance		200 $\Omega$ max.
Frequency Characteristics over Temperature		$\pm 100 \times 10^{-6}$ / -40 to +125 $^{\circ}$ C (Ref. to 25 $^{\circ}$ C)
Storage Temperature Range		-40 to +150 $^{\circ}$ C
Reliability		AEC-Q200
Packing Unit (1)		1000pcs./reel ( $\phi 180$ )

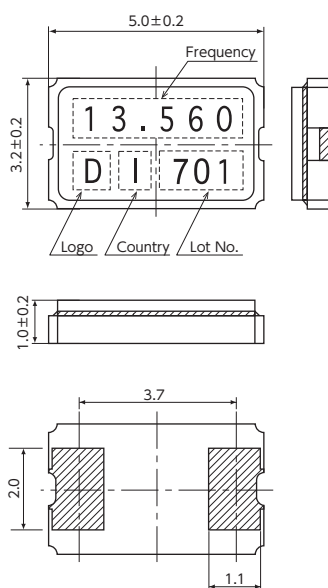
(1) Moisture prevention packing is unnecessary.  
Moisture Sensitivity Level: LEVEL1 (IPC/JEDEC J-STD-033)

Consult our sales representative for other specifications.

### ■ DSX530GK/DSX530GA

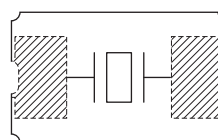
[mm]

#### ■ Dimensions



#### ■ Internal Connections

〈Top View〉



#### ■ Recommended Land Pattern

〈Top View〉

