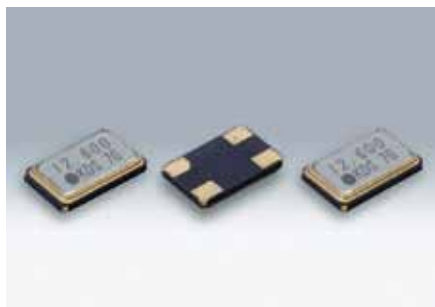


SMD Crystal Resonators / MHz Band Crystal Resonators

DSX531S



Actual size

■ Features

- 4931 size miniature SMD crystal resonator with a low profile of 0.75mm.
- High precision and high reliability
- Suitable for mobile telecommunications as well as many other applications.



Pb-Free



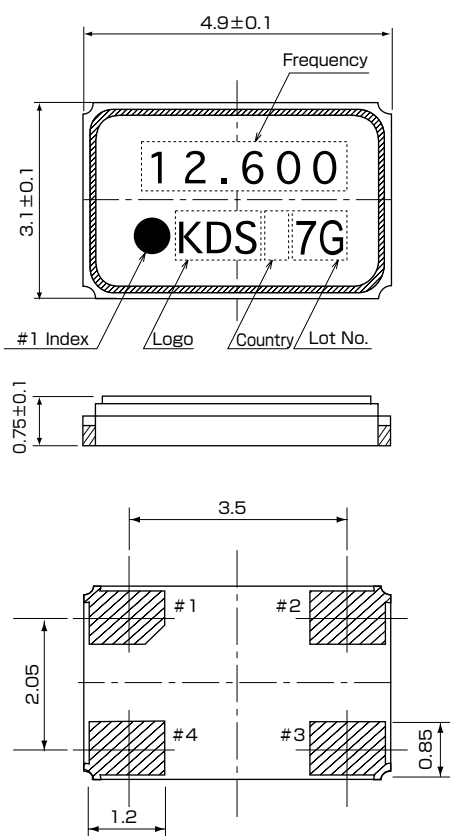
RoHS Compliant

■ Standard Specification

Item	Type	DSX531S		
Frequency Range		10 ~ 12MHz	12 ~ 45MHz	45 ~ 70MHz
Overtone Order		Fundamental		3rd overtone
Load Capacitance		Series, 8pF, 10pF, 12pF		Series
Drive Level		10μW (300μW max.)		10μW (500μW max.)
Frequency Tolerance		$\pm 10 \times 10^{-6}$, $\pm 20 \times 10^{-6}$, $\pm 30 \times 10^{-6}$ (at 25°C)		
Series Resistance		80Ω max.	50Ω max.	100Ω max.
Frequency Characteristics over Temperature		$\pm 8 \times 10^{-6}$, $\pm 10 \times 10^{-6}$, $\pm 20 \times 10^{-6}$, $\pm 30 \times 10^{-6}$ / -10 ~ +60°C (Ref. to 25°C)		
		$\pm 10 \times 10^{-6}$, $\pm 20 \times 10^{-6}$, $\pm 30 \times 10^{-6}$, $\pm 50 \times 10^{-6}$ / -20 ~ +70°C (Ref. to 25°C)		
		$\pm 15 \times 10^{-6}$, $\pm 20 \times 10^{-6}$, $\pm 30 \times 10^{-6}$, $\pm 50 \times 10^{-6}$ / -30 ~ +85°C (Ref. to 25°C)		
Storage Temperature Range		-40 ~ +85°C		
Packing Unit		1000pcs./reel (φ180)		

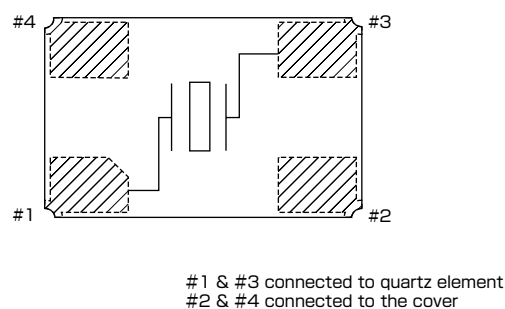
Consult our sales representative for other specifications.

■ Dimensions[mm]



■ Internal Connections

<Top View>



■ Recommended Land Pattern

[mm]

<Top View>

