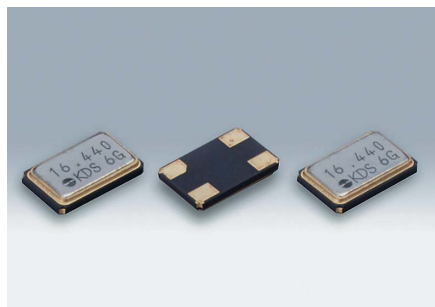


SMD Crystal Resonators / MHz Band Crystal Resonators

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.

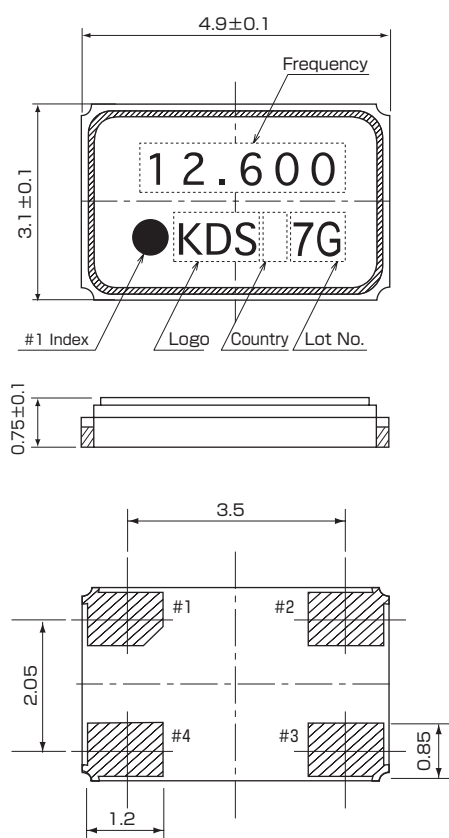


■ Standard Specification

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		$\pm 5 \times 10^{-6}$ / $-10 \sim +60^\circ\text{C}$ (Ref. to 25°C)		
		$\pm 10 \times 10^{-6}$ / $-20 \sim +70^\circ\text{C}$ (Ref. to 25°C)		
		$\pm 15 \times 10^{-6}$ / $-30 \sim +85^\circ\text{C}$ (Ref. to 25°C)		
Storage Temperature Range		$-40 \sim +85^\circ\text{C}$		
Packing Unit		1000pcs./reel (φ180)		

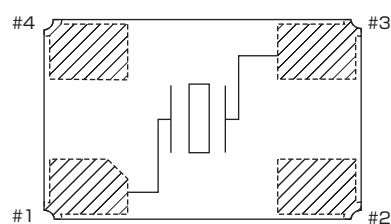
Consult our sales representative for other specifications.

■ Dimensions[mm]



■ Internal Connections

<Top View>



#1 & #3 connected to quartz element
#2 & #4 connected to the cover

■ Recommended Land Pattern

[mm]

<Top View>

