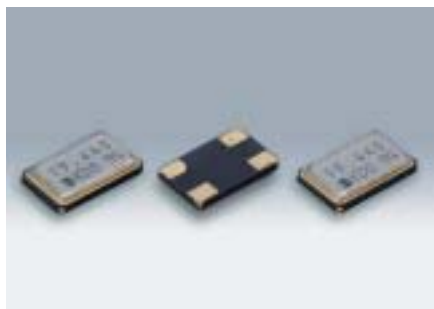


SMD Type Crystal Resonators

DSX531S



Actual size

■ Features

- SMD crystal resonator with size 4931 and thickness 0.75mm. Miniature and thin.
- High precision and reliability.
- Suitable for various applications, particularly mobile telecommunications equipment.



Completely Lead-Free

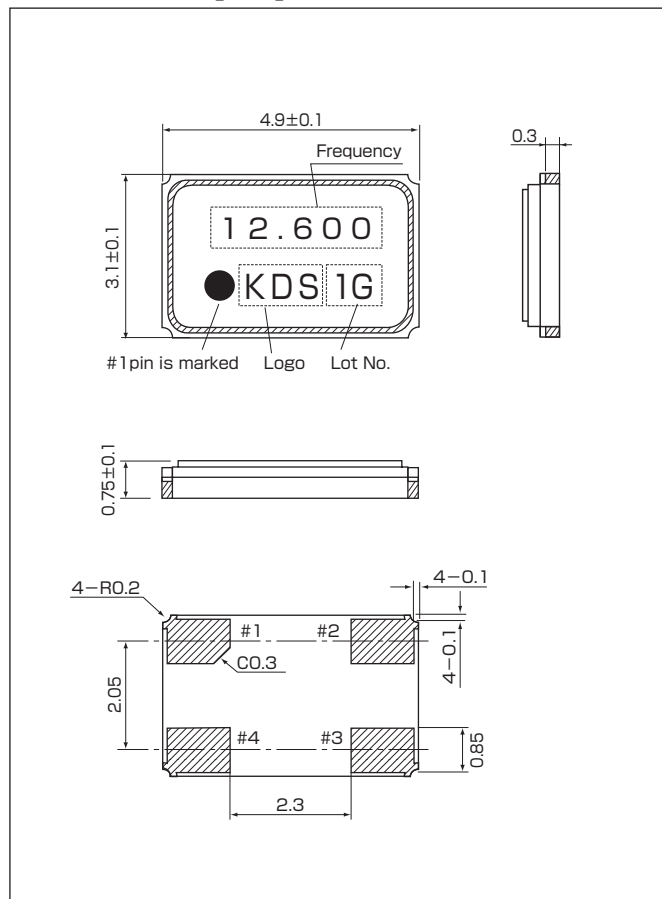
■ Generic Specification

Item	Type	DSX531S	
Frequency Range		10~12MHz	12~40MHz
Vibration Mode		Fundamental	
Load Capacitance		Series, 8pF, 10pF, 12pF	
Drive Level		10μW(300μW 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.
Frequency Characteristics over Temperature		$\pm 5 \times 10^{-6}$ / -10~+60°C (Ref. to 25°C)	
		$\pm 10 \times 10^{-6}$ / -20~+70°C (Ref. to 25°C)	
		$\pm 15 \times 10^{-6}$ / -30~+85°C (Ref. to 25°C)	
Storage Temperature Range		-40~+85°C	

Packing Unit : 1000pcs./reel (φ 180)

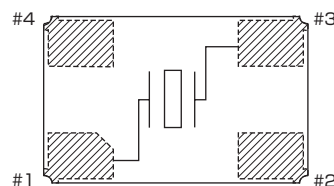
Consult our sales representative for other specifications.

■ Dimensions[mm]



■ Internal Connections

<Top View>



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

■ Recommended Land Pattern

[mm]

