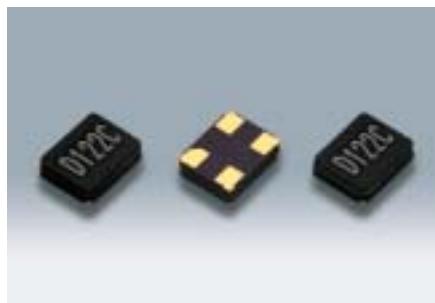


SMD Type Crystal Resonators

DSX321G



Actual size

■ Features

- SMD crystal resonator with size 3225 and thickness 0.75mm. Miniature, thin, and lightweight.
- High precision and reliability.
- Frequency range of 9.8MHz to 50MHz.
- Suitable applications include telecommunications equipment, DVC, DSC, PDA and PC.
- Also available for car electronics.



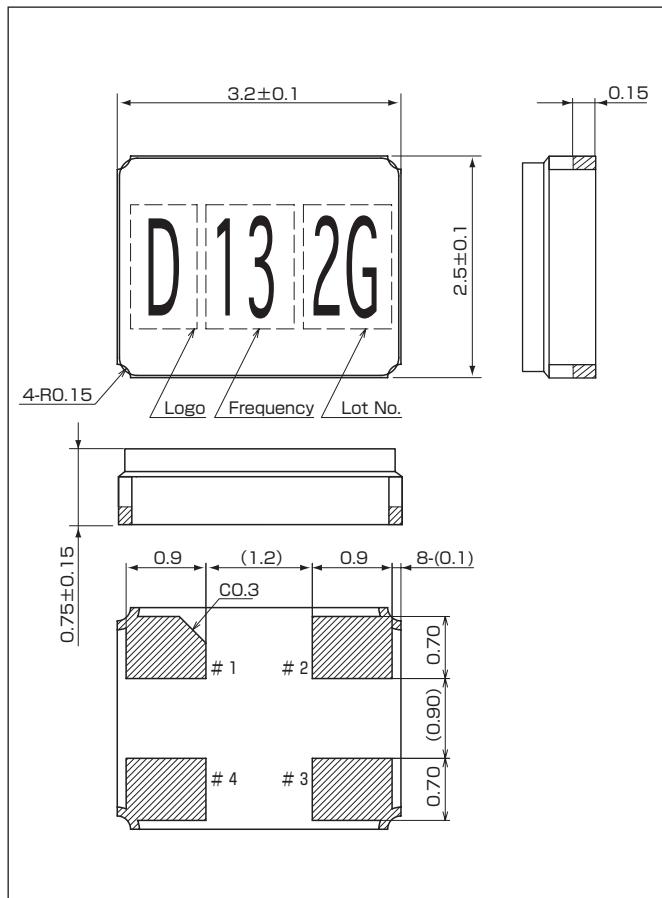
■ Generic Specification

Item	Type	DSX321G				
Frequency Range		9.8~11MHz	11~12MHz	12~20MHz	20~28MHz	28~50MHz
Vibration Mode		Fundamental				
Load Capacitance		Series, 8pF, 10pF, 12pF				
Drive Level		10 μ W (300 μ W max.)				
Frequency Tolerance		$\pm 10 \times 10^{-6} \sim \pm 50 \times 10^{-6}$ (at 25°C)				
Series Resistance	150 Ω max.	100 Ω max.	80 Ω max.	60 Ω max.	50 Ω max.	
Frequency Characteristics over Temperature	$\pm 7 \times 10^{-6} / -10 \sim +60^\circ\text{C}$ (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~+85°C					

Packing Unit : 3000pcs./reel (ϕ 180)

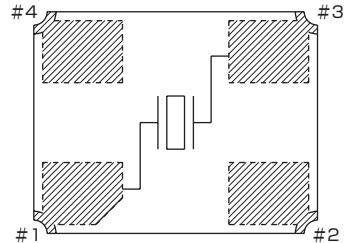
Consult our sales representative for car electronics and other specifications.
Refer to page 36 for standard specification.

■ Dimensions[mm]



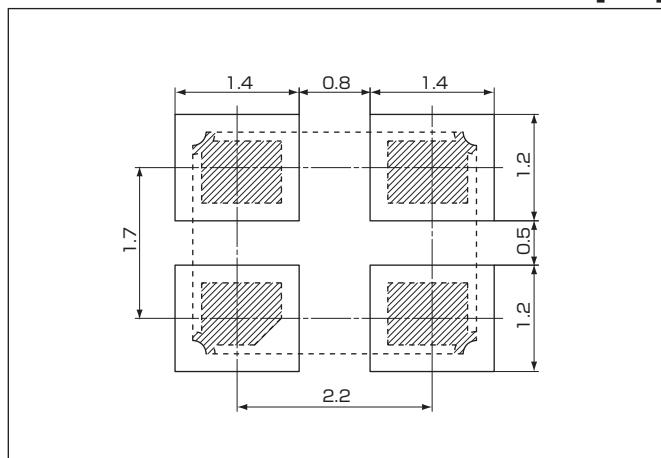
■ Internal Connections

〈Top View〉



#1 & #3 connected to quartz element
#2 & #4 are open

■ Recommended Land Pattern [mm]



Find price and stock options from leading distributors for DSX321G on Findchips.com:

<https://findchips.com/search/DSX321G>

Find CAD models and details for this part:

<https://findchips.com/detail/dsx321g/KDS-Daishinku-Corp>