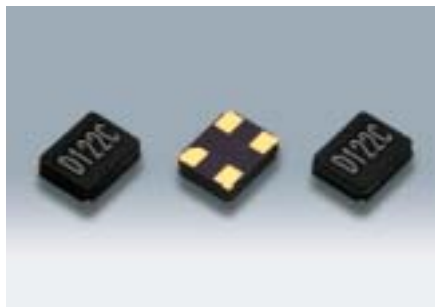


SMD Type Crystal Resonators

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.



Lead-Free Soldering

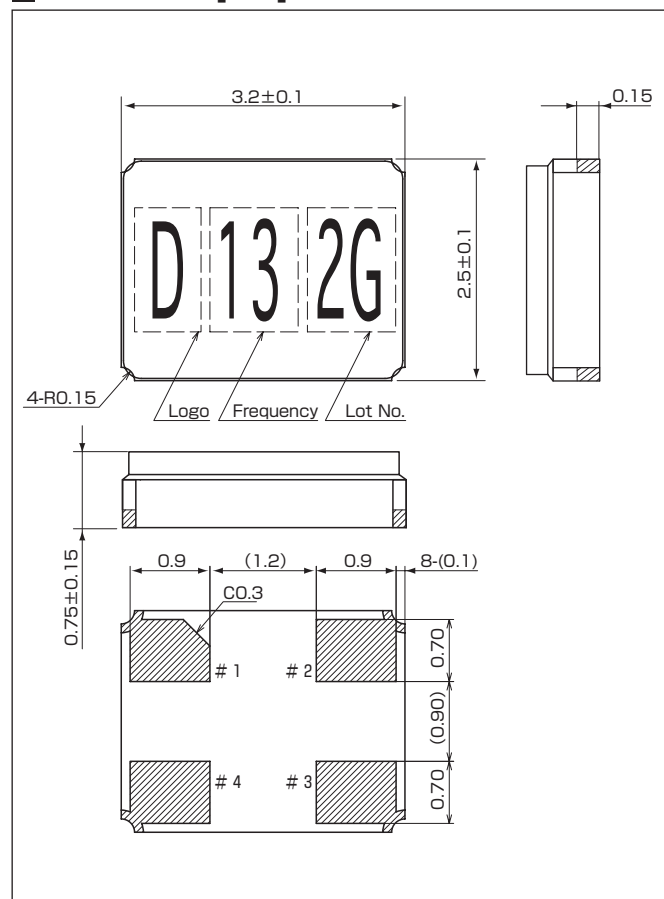
■ Generic Specification

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		10μW (300μW max.)				
Frequency Tolerance		$\pm 10 \times 10^{-6} \sim \pm 50 \times 10^{-6}$ (at 25°C)				
Series Resistance		150Ω max.	100Ω max.	80Ω max.	60Ω max.	50Ω 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				

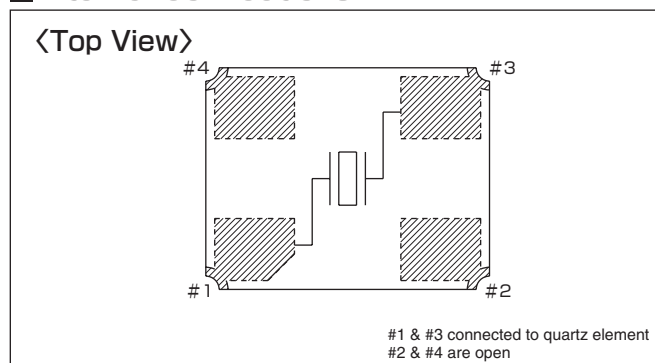
Packing Unit : 3000pcs./reel (φ 180)

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

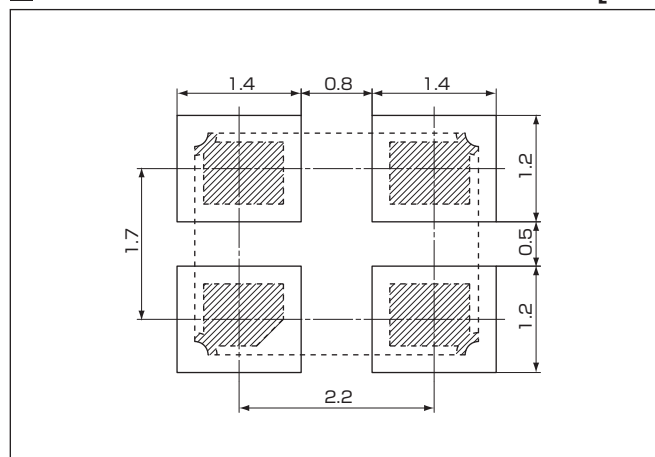
■ Dimensions[mm]



■ Internal Connections



■ Recommended Land Pattern [mm]



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