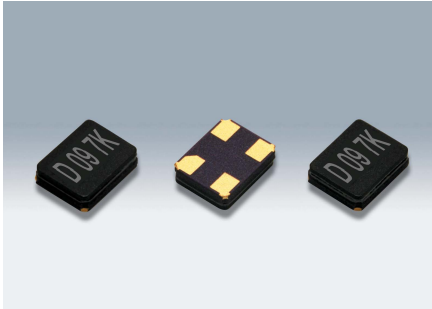


SMD Crystal Resonators / MHz Band Crystal Resonators

DSX321G



Actual size

■ Features

- 3225 size miniature and lightweight SMD crystal resonator with a low profile of 0.75mm.
- High precision and high reliability
- Offers a wide frequency range from a comparatively low 8MHz up to 60MHz.
- AEC-Q200 Compliant
- It is possible to correspond to complete lead free.

■ Applications

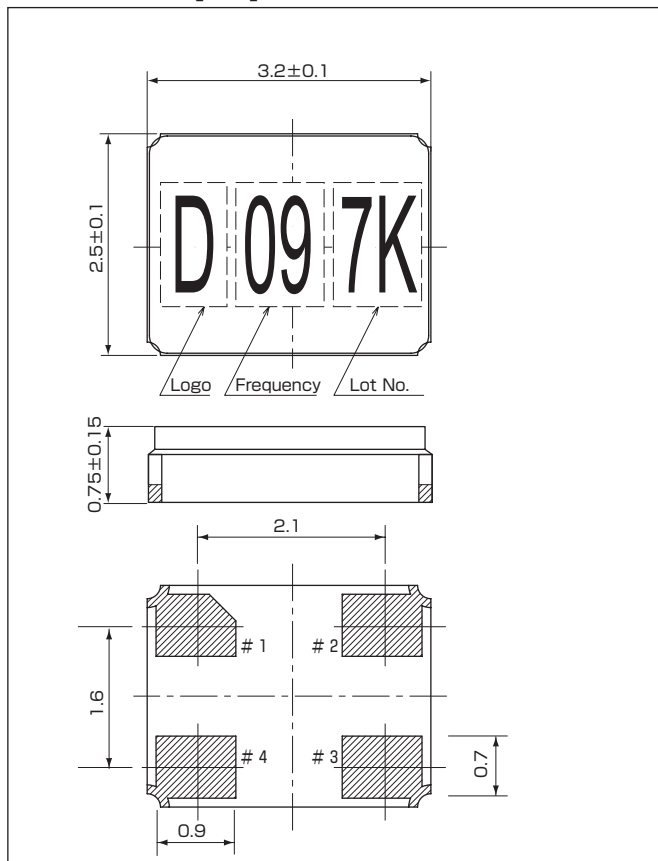
- Telecommunications products like Short-range wireless modules and other small devices such as DVC, DSC, PDA, PC.
- Automotive applications such as bluetooth, wireless LAN, GPS,RKE (Remote Keyless Entry), safety control and multimedia device (AEC-Q200 Compliant)

■ Standard Specification

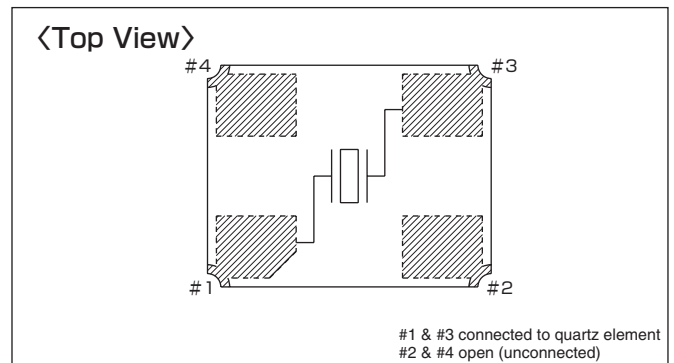
Item	Type	DSX321G					
Frequency Range		8~9.8MHz	9.8~11MHz	11~12MHz	12~20MHz	20~27MHz	27~60MHz
Overtone Order		Fundamental					
Load Capacitance		Series, 8pF, 10pF, 12pF					
Drive Level		10μW (200μW max.)					
Frequency Tolerance		±10×10 ⁻⁶ , ±20×10 ⁻⁶ , ±30×10 ⁻⁶ , ±50×10 ⁻⁶ (at 25°C)					
Series Resistance		300Ω max.	150Ω max.	100Ω max.	80Ω max.	60Ω max.	50Ω max.
Frequency Characteristics over Temperature		±8×10 ⁻⁶ , ±20×10 ⁻⁶ , ±30×10 ⁻⁶ , ±50×10 ⁻⁶ / -10~+60°C (Ref. to 25°C)					
		±12×10 ⁻⁶ , ±20×10 ⁻⁶ , ±30×10 ⁻⁶ , ±50×10 ⁻⁶ / -20~+70°C (Ref. to 25°C)					
		±15×10 ⁻⁶ , ±20×10 ⁻⁶ , ±30×10 ⁻⁶ , ±50×10 ⁻⁶ / -30~+85°C (Ref. to 25°C)					
Storage Temperature Range		-40~+85°C					
Packing Unit		3000pcs./reel (φ180)					
Standard Specification		Refer to page 36					

Consult our sales representative for other specifications.

■ Dimensions[mm]



■ Internal Connections



■ Recommended Land Pattern

[mm]

