

SMD Crystal Resonators / MHz Band Crystal Resonators

DSX211G



Actual size

■ Features

- 2016 size miniature and lightweight SMD crystal resonator with a low profile of 0.65mm.
- High precision and high reliability
- Offers a wide frequency range from a comparatively low 20MHz up to 54MHz.
- ESR(Equivalent Series Resistance) available by adopting vacuum sealing which equals to that available on a crystal by adopting seam welding or alloy sealing.

■ Applications

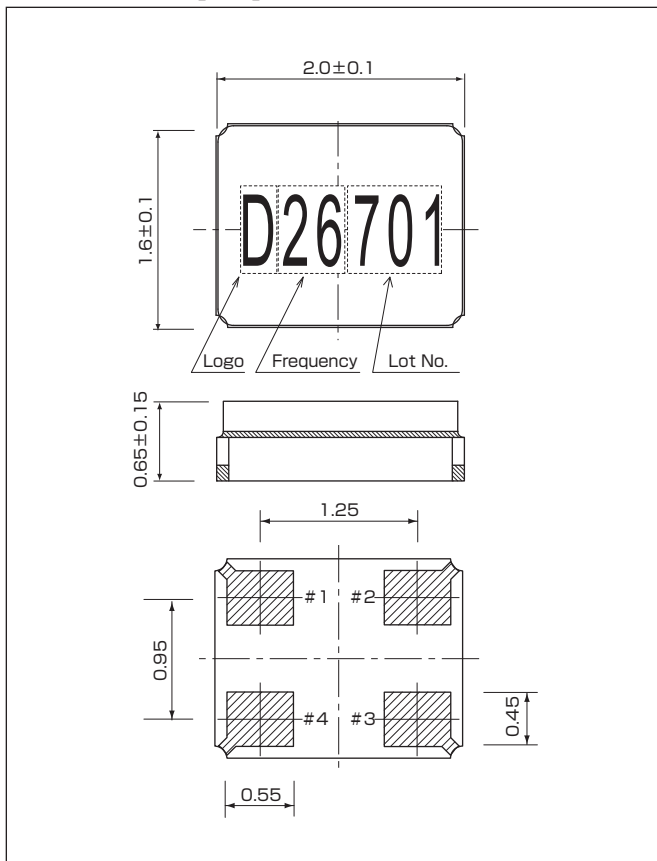
- Telecommunications products and other small devices such as DVC, DSC, PDA, PC, USB.

■ Standard Specification

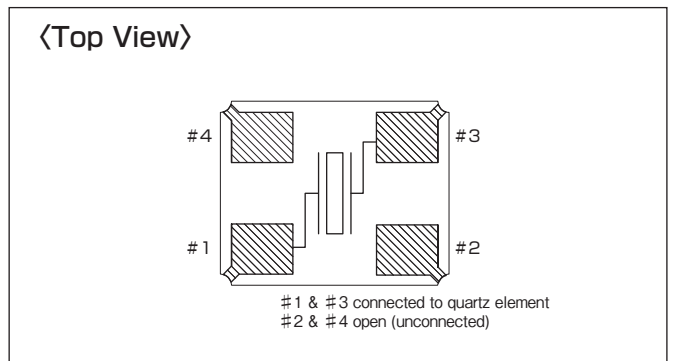
Item	Type	DSX211G			
Frequency Range		20~24MHz	24~30MHz	30~36MHz	36~54MHz
Overtone Order		Fundamental			
Load Capacitance		Series, 8pF~20pF			
Drive Level		10μW(100μW max.)			
Frequency Tolerance		±10×10 ⁻⁶ , ±20×10 ⁻⁶ , ±30×10 ⁻⁶ , ±50×10 ⁻⁶ (at 25°C)			
Series Resistance(Inside Atmosphere:nitrogen)		200Ω max.	150Ω max.	120Ω max.	80Ω max.
Series Resistance(Inside Atmosphere:vacuum)		150Ω max.	100Ω max.		60Ω 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)			

Consult our sales representative for other specifications.

■ Dimensions[mm]



■ Internal Connections



■ Recommended Land Pattern

[mm]

