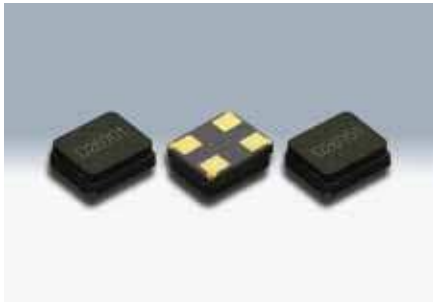


SMD Crystal Resonators / MHz Band Crystal Resonators

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 64MHz.
- ESR(Equivalent Series Resistance) available by adopting vacuum sealing which equals to that available on a crystal by adopting seam welding or alloy sealing.
- AEC-Q200 Compliant

■ Applications

- Telecommunications products and other small devices such as DVC, DSC, PDA, PC, USB.
- Automotive applications such as multimedia device (AEC-Q200 Compliant).

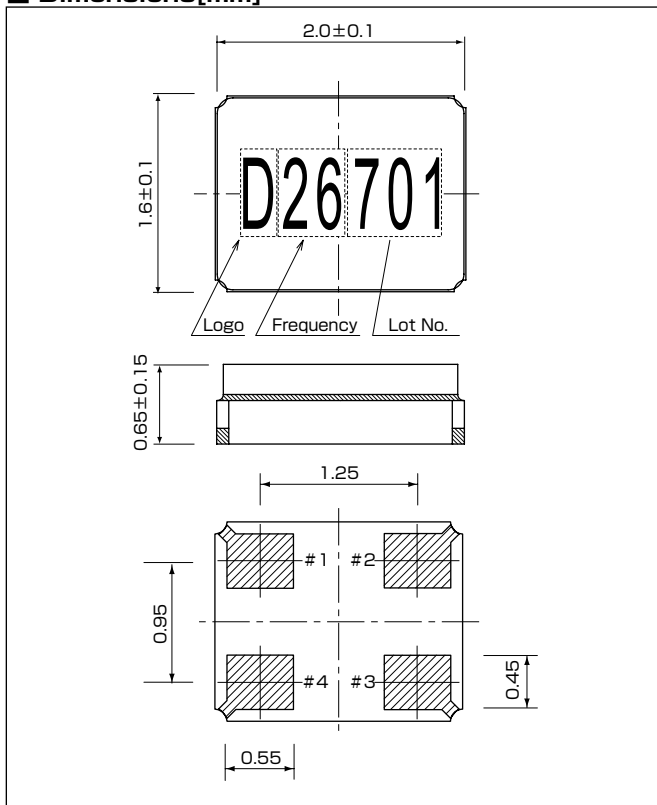


■ Standard Specification

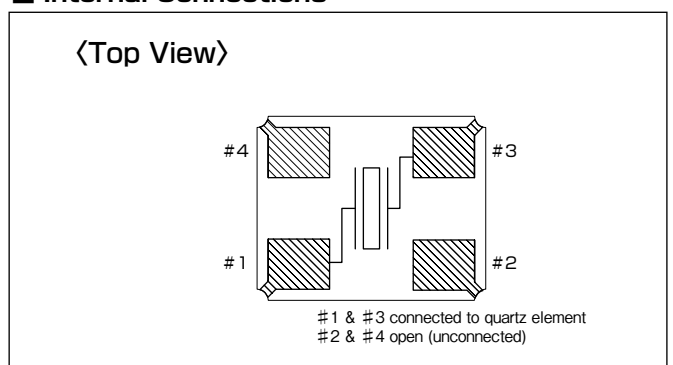
Item	Type	DSX211G			
Frequency Range		20 ~ 24MHz	24 ~ 30MHz	30 ~ 36MHz	36 ~ 64MHz
Overtone Order		Fundamental			
Load Capacitance		Series, 8pF, 10pF, 12pF			
Drive Level		10μW (100μW max.)			
Frequency Tolerance		±10×10 ⁻⁶ , ±20×10 ⁻⁶ , ±30×10 ⁻⁶ , ±50×10 ⁻⁶ (at 25℃)			
Series Resistance(Inside Atmosphere:nitrogen)		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℃ (Ref. to 25℃)			
		±12×10 ⁻⁶ , ±20×10 ⁻⁶ , ±30×10 ⁻⁶ , ±50×10 ⁻⁶ / -20 ~+70℃ (Ref. to 25℃)			
		±15×10 ⁻⁶ , ±20×10 ⁻⁶ , ±30×10 ⁻⁶ , ±50×10 ⁻⁶ / -30 ~+85℃ (Ref. to 25℃)			
Storage Temperature Range		-40 ~+85℃			
Packing Unit		3000pcs./reel (ø180)			
Standard Specification		Refer to page 32			

Consult our sales representative for other specifications.

■ Dimensions[mm]



■ Internal Connections



■ Recommended Land Pattern

[mm]

