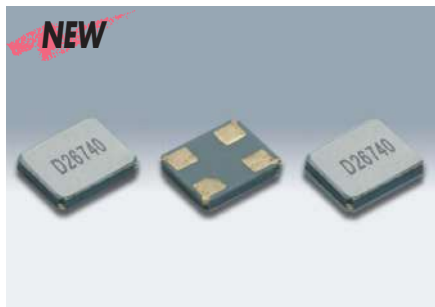


SMD Crystal Resonators / MHz Band Crystal Resonators

DSX211A/DSX211AL



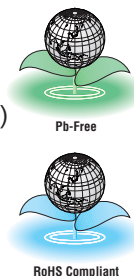
Actual size □

Features

- 2016 size miniature and lightweight SMD crystal resonator (high DSX211A 0.45mm/DSX211AL 0.35mm)
- High precision and high reliability
- Offers a wide frequency range from a comparatively low 24MHz up to 50MHz.

Applications

- Telecommunications products like short-range wireless modules and other small devices such as DVC, DSC, PDA, PC.

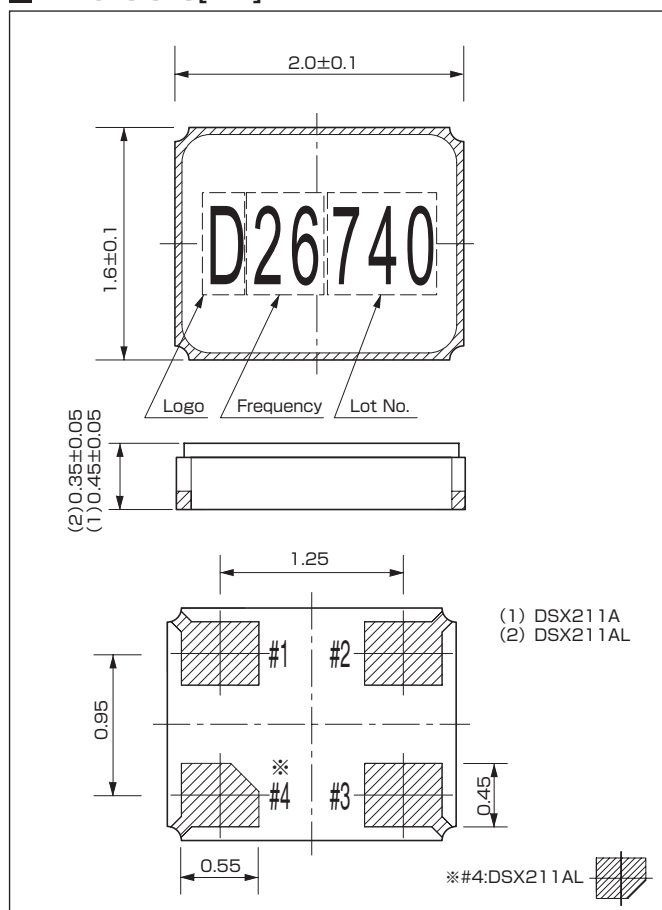


Standard Specification

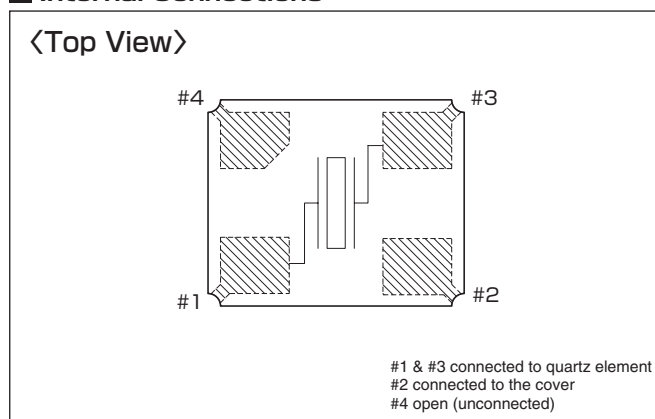
Item \ Type	DSX211A		
		DSX211AL	
Frequency Range	24~26MHz	26~36MHz	36~50MHz
Overtone Order	Fundamental		
Load Capacitance	Series, 8pF, 10pF, 12pF		
Drive Level	10μW (100μW max.)		
Frequency Tolerance	±10×10 ⁻⁶ , ±20×10 ⁻⁶ , ±30×10 ⁻⁶ , ±50×10 ⁻⁶ (at 25℃)		
Series Resistance	100Ω max.		60Ω max.
Frequency Characteristics over Temperature	±8×10 ⁻⁶ /-10~+60℃ (Ref. to 25℃)		
	±12×10 ⁻⁶ /-20~+70℃ (Ref. to 25℃)		
	±15×10 ⁻⁶ /-30~+85℃ (Ref. to 25℃)		
Storage Temperature Range	-40~+85℃		
Packing Unit	3000pcs./reel (φ180)		

Consult our sales representative for other specifications.

Dimensions[mm]



Internal Connections



Recommended Land Pattern

[mm]

