

DSX211A/DSX211AL



- 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.



RoHS Compliant

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

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°C)		
Series Resistance	100Ω max.		60Ω max.
Frequency Characteristics over Temperature	±8×10 ⁻⁶ / -10~+60°C (Ref. to 25°C)		
	±12×10 ⁻⁶ / -20~+70°C (Ref. to 25°C)		
	±15×10 ⁻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.

Technical drawing of the DSX211A and DSX211AL components.

DSX211A Dimensions:

- Top width: 2.0 ± 0.1
- Left height: 1.6 ± 0.1
- Label: D26740 (divided into Logo, Frequency, and Lot No. sections)
- Side view dimensions: (2) 0.35 ± 0.05 , (1) 0.45 ± 0.05

DSX211AL Dimensions:

- Top width: 1.25
- Left height: 0.95
- Bottom width: 0.55
- Right height: 0.45
- Mounting holes: #1, #2, #3, #4 (Note: #4 is for DSX211AL)

Legend: $\blacksquare$ (hatched square symbol)

〈Top View〉

#1 & #3 connected to quartz element
#2 connected to the cover
#4 open (unconnected)

Top View

The top view shows a rectangular plate with a width of 1.4 and a height of 1.1. The plate is divided into four square regions by dashed lines. Each square region has a shaded corner. The width of one square region is 0.9, and the height of one square region is 0.8.