

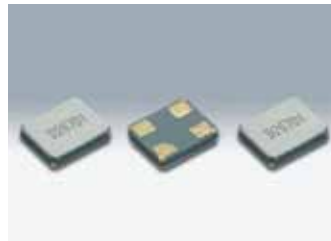
SMD Crystal Resonators/MHz Band Crystal Resonators

DSX1612S/DSX211A/DSX211AL



DSX1612S

Actual size □



DSX211A/
DSX211AL

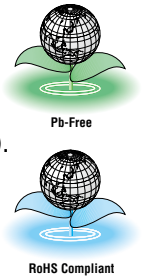
Actual size □

■ Features

- 1612 size ultra miniature and lightweight SMD crystal resonator with a low profile of 0.35mm (DSX1612S).
- 2016 size miniature and lightweight SMD crystal resonator (height DSX211A 0.45mm/DSX211AL 0.35mm)
- High precision and high reliability (Frequency aging specification of $\pm 1 \times 10^{-6}$ /1 year or $\pm 3 \times 10^{-6}$ /5 year are available for cell phone or wireless communications systems etc.)
- Allowing for high density surface mounting.

■ Applications

- Small mobile devices for next generation like mobile communications, short-range wireless modules, digital AV equipment and PC.

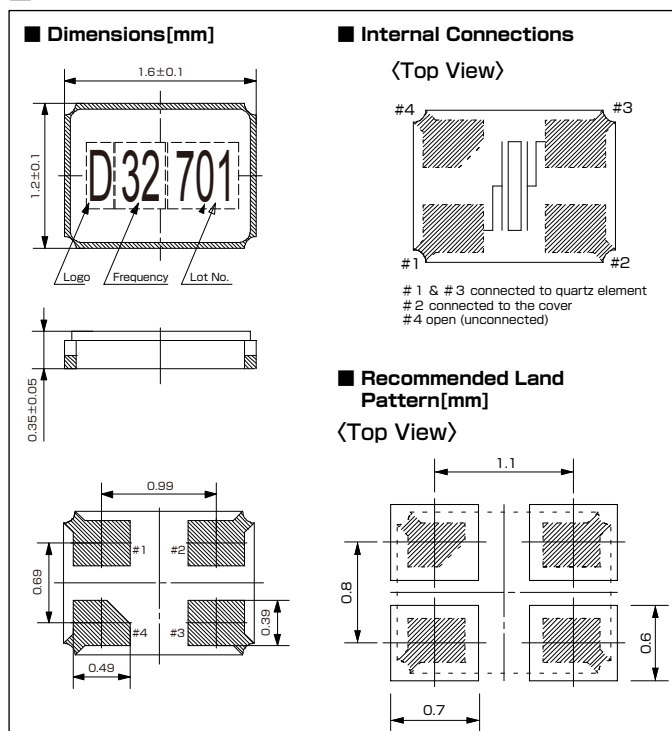


■ Standard Specification

Type	DSX1612S			DSX211A		
Item					DSX211AL	
Frequency Range	26 ~ 32MHz	32 ~ 40MHz	40 ~ 54MHz	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	200Ω max.	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.

■ DSX1612S



■ DSX211A/DSX211AL

