

# SMD Type Crystal Resonators

## DSX151G SERIES



The DSX151G is a compact, highly reliable product with excellent environmental resistance and stability, consisting of a crystal resonator-mounted ceramic base and a ceramic cap sealed by low-temperature-melt glass. This product can be packaged on emboss carrier tape for automatic mounting.

### ■ Features

- Miniature SMD crystal resonators.
- Reliable ceramic package provides high resistance against extreme environment.
- Good for automatic mounting and reflow soldering.

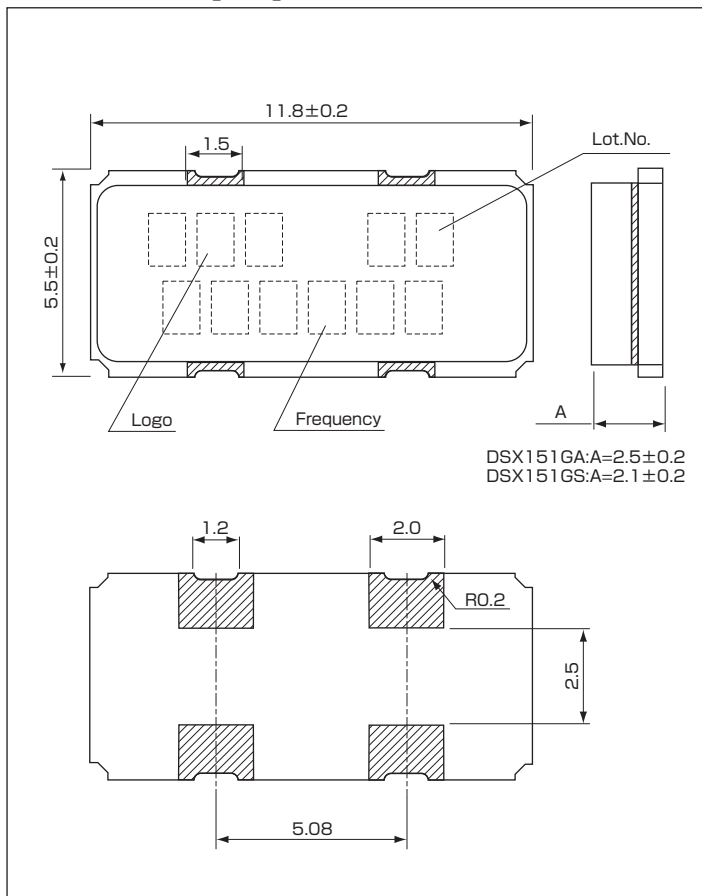
### ■ Generic Specification

TYPE1	DSX151GA					
TYPE2	DSX151GS					
Frequency Range	3.5~5MHz	5~12MHz	12~20MHz	20~26MHz	26~33MHz	26~55MHz
Vibration Mode	Fundamental					3rd overtone
Load Capacitance	Series, 12pF, 16pF, 20pF, 32pF					8pF, 10pF, 12pF, 16pF
Drive Level	10μW (300μW max.)					50μW (1mW max.)
Frequency Tolerance	±50×10 <sup>-6</sup> , ±100×10 <sup>-6</sup> (at 25°C)					
Series Resistance	100Ωmax.	80Ωmax.	60Ωmax.	40Ωmax.	60Ωmax.	100Ωmax.
Frequency Characteristics over Temperature	±40×10 <sup>-6</sup> /-10~+60°C (Ref. to 25°C)		±30×10 <sup>-6</sup> /-10~+60°C (Ref. to 25°C)			
	±60×10 <sup>-6</sup> /-20~+70°C (Ref. to 25°C)		±50×10 <sup>-6</sup> /-20~+70°C (Ref. to 25°C)			
	±100×10 <sup>-6</sup> /-30~+80°C (Ref. to 25°C)		±100×10 <sup>-6</sup> /-30~+80°C (Ref. to 25°C)			
Storage Temperature Range	-40~+85°C					

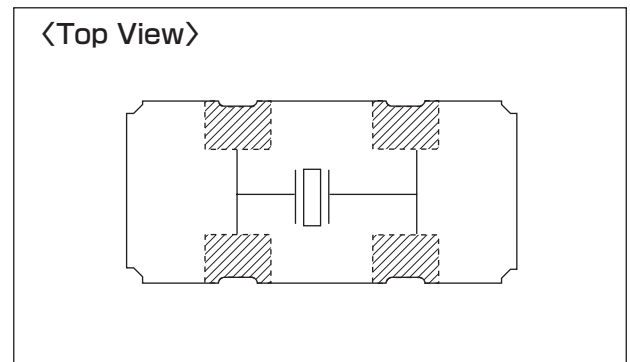
Packing Unit : 1000pcs./reel

Consult our sales representative for other specifications or special specifications.

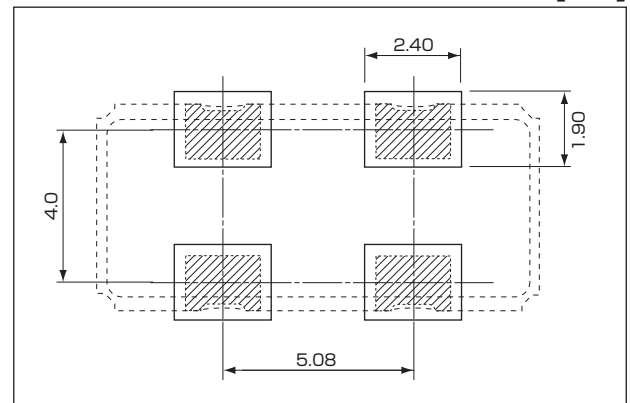
### ■ Dimensions [mm]



### ■ Internal Connections



### ■ Recommended Land Pattern [mm]



※ The DSX151G Crystal Resonator can be used for video applications. Specifications shown above are part of the standard specifications. For more details, please contact our sales representative.