

# SMD Crystal Resonators / MHz Band Crystal Resonators

## DSX151GAL



Actual size



The glass sealed ceramic base and cap of the DSX151GAL ensures a high degree of stability and durability in tough environments. It is a highly reliable product.



### ■ Features

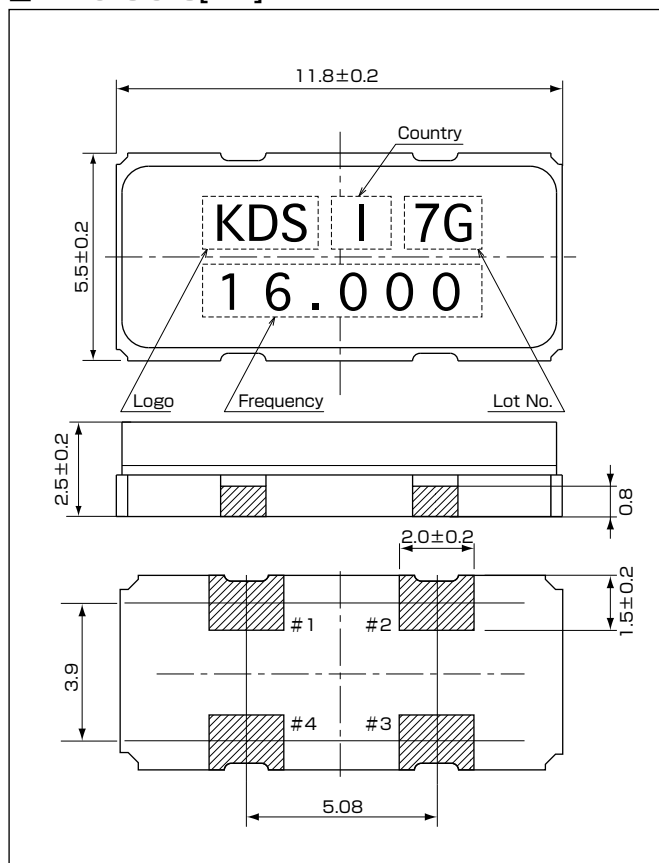
- 11.8×5.5×2.5mm SMD crystal resonator.
- Excellent heat resistance and high reliability.
- AEC-Q200 Compliant

### ■ Standard Specification

Item \ Type	DSX151GAL							
Frequency Range	3.5 ~ 4MHz	4 ~ 5MHz	5 ~ 12MHz	12 ~ 20MHz	20 ~ 26MHz	26 ~ 33MHz	26 ~ 55MHz	
Overtone Order	Fundamental						3rd overtone	
Load Capacitance	Series, 8pF, 10pF, 12pF							
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	150Ωmax./ For Visuals 300Ωmax.	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 (φ330)							

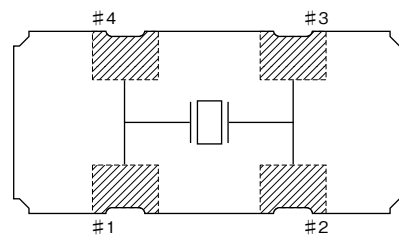
Consult our sales representative for other specifications.

### ■ Dimensions[mm]



### ■ Internal Connections

#### 〈Top View〉

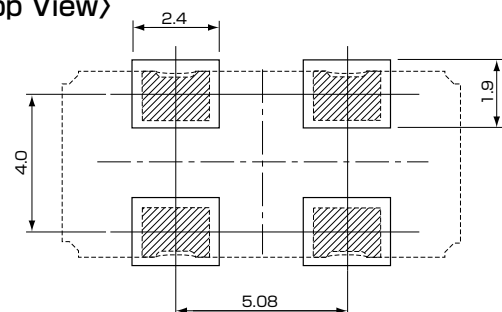


#1 to #4 connected to quartz element

### ■ Recommended Land Pattern

[mm]

#### 〈Top View〉



※ The DSX151GAL is also suitable for video applications. Specifications shown above are part of the standard specifications. For more details, please contact our sales representative.