

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

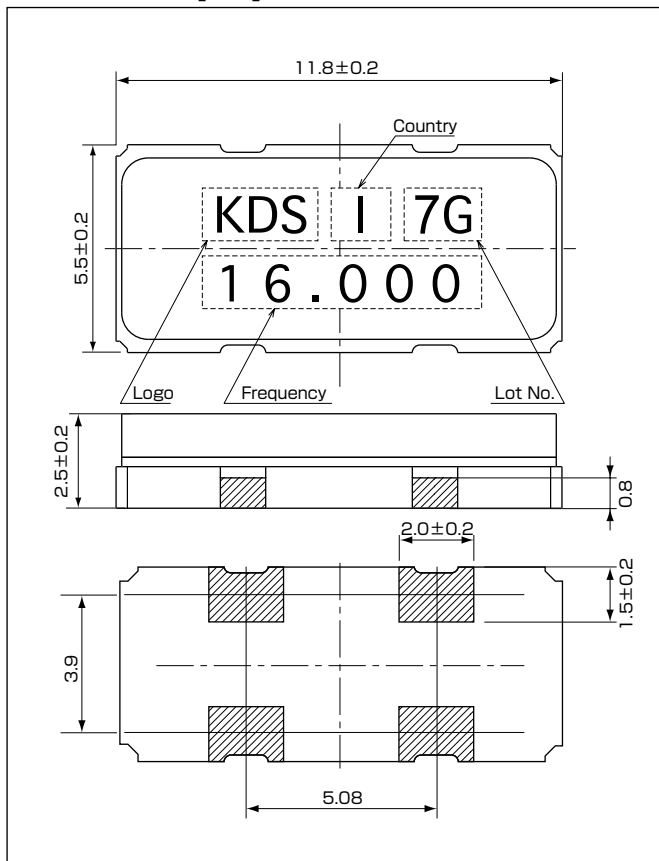
- 11.8×5.5×2.5mm SMD crystal resonator.
- Excellent heat resistance and high reliability.
- AEC-Q200 Compliant

■ Standard Specification

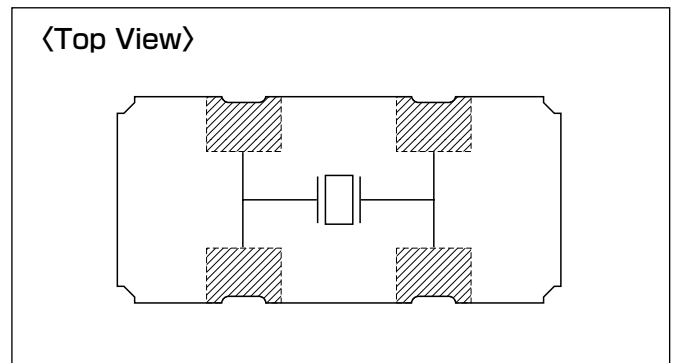
Item	Type	DSX151GAL						
		3.5 ~ 4MHz	4 ~ 5MHz	5 ~ 12MHz	12 ~ 20MHz	20 ~ 26MHz	26 ~ 33MHz	26 ~ 55MHz
Frequency Range		3.5 ~ 4MHz	4 ~ 5MHz	5 ~ 12MHz	12 ~ 20MHz	20 ~ 26MHz	26 ~ 33MHz	26 ~ 55MHz
Overtone Order		Fundamental						3rd overtone
Load Capacitance		Series, 8pF, 10pF, 12pF						
Drive Level		10μW (300μW max.)						50μW (1mW max.)
Frequency Tolerance		±50×10 ⁻⁶ , ±100×10 ⁻⁶ (at 25°C)						
Series Resistance		150Ωmax./ <small>映像用は</small> 300Ωmax.	100Ωmax.	80Ωmax.	60Ωmax.	40Ωmax.	60Ωmax.	100Ωmax.
Frequency Characteristics over Temperature		±40×10 ⁻⁶ / -10 ~ +60°C (Ref. to 25°C)			±30×10 ⁻⁶ / -10 ~ +60°C (Ref. to 25°C)			
		±60×10 ⁻⁶ / -20 ~ +70°C (Ref. to 25°C)			±50×10 ⁻⁶ / -20 ~ +70°C (Ref. to 25°C)			
		±100×10 ⁻⁶ / -30 ~ +80°C (Ref. to 25°C)			±100×10 ⁻⁶ / -30 ~ +80°C (Ref. to 25°C)			
Storage Temperature Range		-40 ~ +85°C						
Packing Unit		1000pcs./reel (φ330)						
Standard Specification		Refer to page 36						

Consult our sales representative for other specifications.

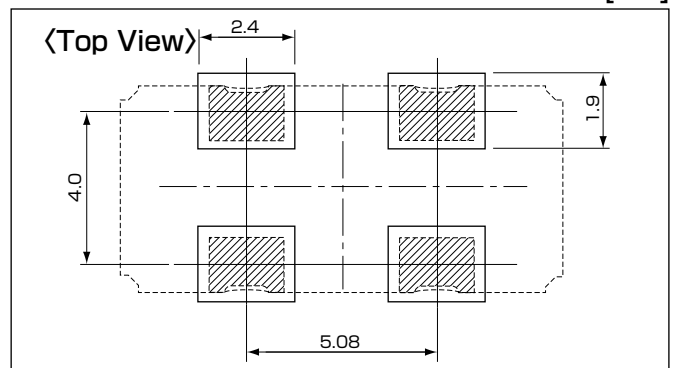
■ Dimensions[mm]



■ Internal Connections



■ Recommended Land Pattern [mm]



※ 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.