

SMD Crystal Resonators / MHz Band Crystal Resonators

DSX151G SERIES



The glass sealed ceramic base and cap of the DSX151G ensures a high degree of stability and durability in tough environments. It is a highly reliable product.

■ DSX151GAL

11.8×5.5×2.5mm SMD crystal resonator.
Excellent heat resistance and high reliability.

■ DSX151GL

11.8×5.5×1.8mm low profile SMD crystal resonator.
Excellent heat resistance and high reliability.

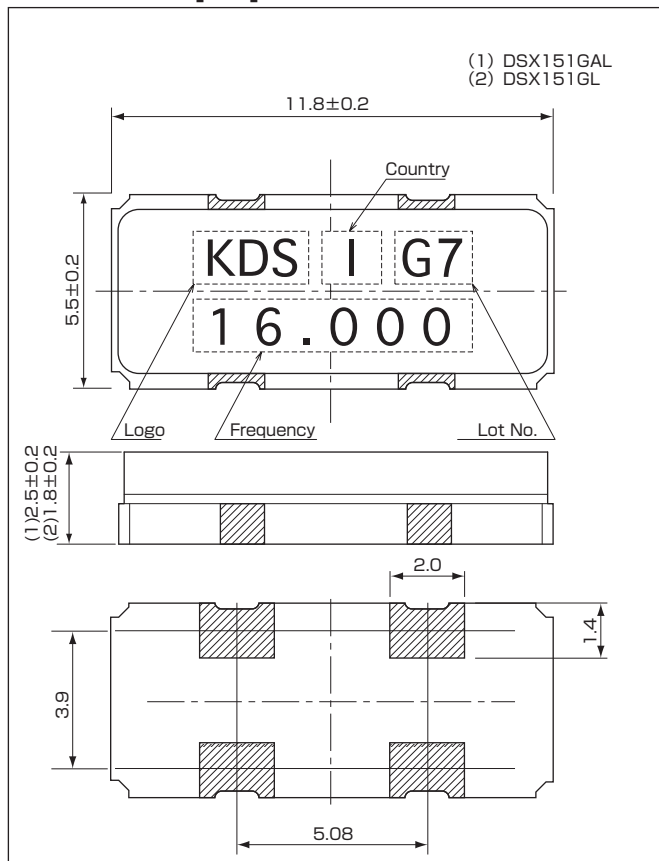


■ Standard Specification

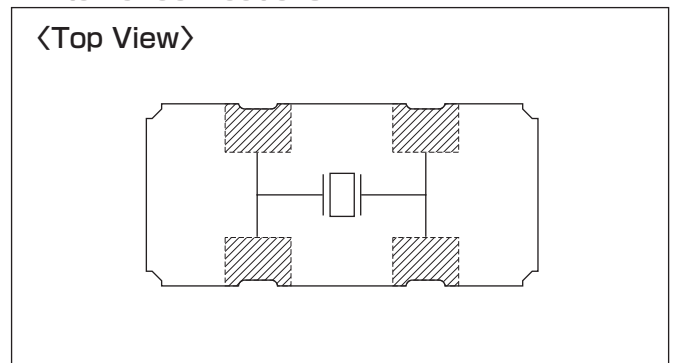
Item	Type	DSX151GAL							
		DSX151GL							
Frequency Range	3.5~4MHz	4~5MHz	5~12MHz	12~20MHz	20~26MHz	26~33MHz	26~55MHz		
Overtone Order	Fundamental							3rd overtone	
Load Capacitance	Series, 10pF, 12pF, 16pF							8pF, 10pF, 12pF, 16pF	
Drive Level	10μW (300μW max.)							50μW (1mW max.)	
Frequency Tolerance	±50×10 ⁻⁶ , ±100×10 ⁻⁶ (at 25°C)								
Series Resistance	150Ω max. / For Visuals 300Ω max.	100Ω max.	80Ω max.	60Ω max.	40Ω max.	60Ω max.	100Ω max.		
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 38								

Consult our sales representative for other specifications.

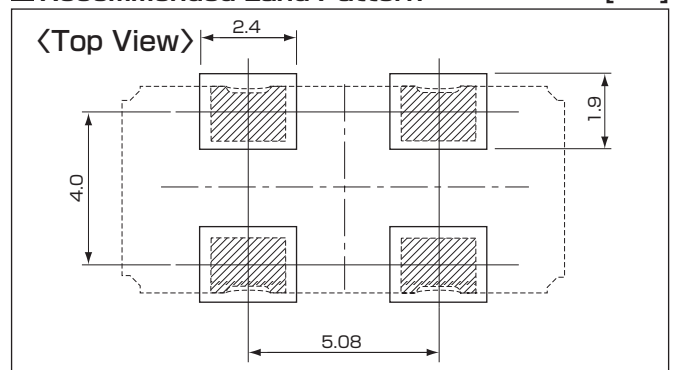
■ Dimensions [mm]



■ Internal Connections



■ Recommended Land Pattern [mm]



※ The DSX151G is also suitable for video applications. Specifications shown above are part of the standard specifications. For more details, please contact our sales representative.