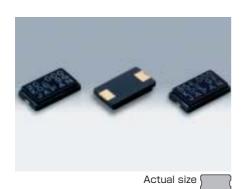
# **SMD Type Crystal Resonators**

# DSX840GA, DSX840GAB



#### **■** Features

 SMD crystal resonator with size 8045 and thickness 1.4mm.



Lead-Free Soldering

- High precision and reliability with excellent heat resistance.
- DSX840GAB is available at high frequency of fundamental mode by adopting BT-cut.
- Suitable for various applications, particularly digital AV equipment.

## **■** Generic Specification

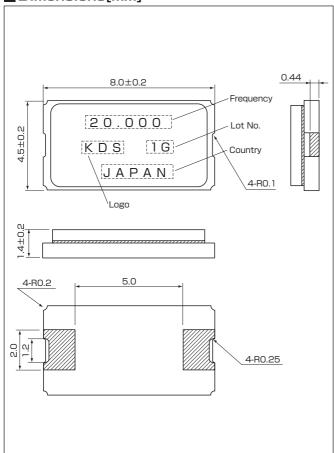
Item Type	DSX840GA				DSX840GAB
Frequency Range	8~10MHz	10~12MHz	12~50MHz	40~80MHz	40~60MHz
Vibration Mode	Fundamental			3rd overtone	Fundamental
Load Capacitance	Series, 8pF, 10pF, 12pF			Series	Series, 8pF, 10pF, 12pF
Drive Level	10μW (100μW max.)	10μW (300μW max.)		10μW (500μW max.)	10μW (300μW max.)
Frequency Tolerance	±30×10 <sup>-6</sup> , ±50×10 <sup>-6</sup> , ±100×10 <sup>-6</sup> (at 25°C)				
Series Resistance	150Ωmax.	80Ωmax.	50Ωmax.	70Ωmax.	50Ωmax.
Frequency Characteristics over Temperature	±30×10 <sup>-6</sup> /−10~+60°C (Ref. to 25°C)				±100×10°/-10~+60°C (Ref. to 25°C)
	±50×10 <sup>-6</sup> /-20∼+70°C (Ref. to 25°C)				
	±100×10 <sup>-6</sup> ∕−30∼+80℃ (Ref. to 25℃)				
Storage Temperature Range	-40~+85℃				

Packing Unit: 1000pcs./reel (  $\phi$  250)

Consult our sales representative for other specifications.

Refer to page 37 for standard specification.

### **■** Dimensions[mm]



### ■Internal Connections

