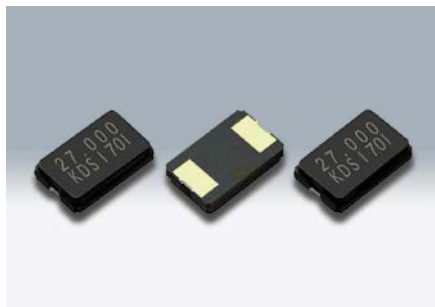


SMD Crystal Resonators / MHz Band Crystal Resonators

DSX530GA



Actual size

■ Features

- 5032 size miniature SMD crystal resonator with a low profile of 1.0mm.
- Excellent heat resistance, high precision, and high reliability.
- Offers a wide range of frequencies from 7MHz up to 70MHz.
- AEC-Q200 Compliant
- Suitable for car navigation systems, digital AV equipment as well as many other applications.



■ Standard Specification

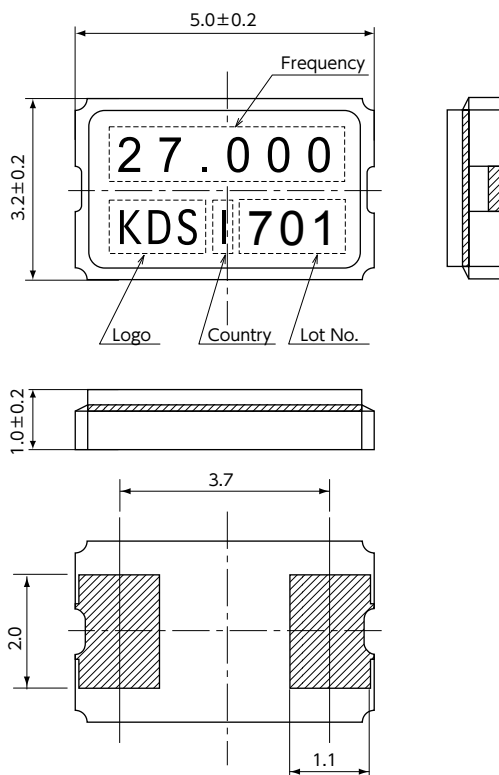
Item	Type	DSX530GA				
Frequency Range		7 to 9MHz	9 to 12MHz	12 to 40MHz	40 to 54MHz	45 to 80MHz
Overtone Order		Fundamental				3rd overtone
Load Capacitance		8pF, 10pF, 12pF				Series
Drive Level		10μW (300μW max.)				10μW (500μW max.)
Frequency Tolerance		±30×10 ⁻⁶ (at 25°C)				
Series Resistance		150Ω max.	100Ω max.	50Ω max.		100Ω max.
Frequency Characteristics over Temperature		±50×10 ⁻⁶ / -30 to +85°C (Ref. to 25°C)				
Storage Temperature Range		-40 to +85°C				
Packing Unit (1)		1000pcs./reel (φ180)				

(1) Moisture prevention packing is unnecessary.
Moisture Sensitivity Level: LEVEL1 (IPC/JEDEC J-STD-033)

Consult our sales representative for other specifications.

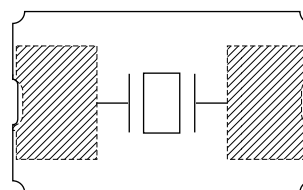
[mm]

■ Dimensions



■ Internal Connections

〈Top View〉



■ Recommended Land Pattern

〈Top View〉

