

SMD Crystal Resonators / MHz Band Crystal Resonators (For Automotive)

DSX530GK/DSX530GA



Actual size

■ Features

- Miniature and low profile SMD crystal resonator (height 1.0mm)
- Excellent heat resistance, High reliability.
- AEC-Q200 Compliant



■ Applications

- RKE (Remote Keyless Entry), safety controls and multimedia devices (DSX530GK)
- Multimedia devices such as car navigation systems and car audio (DSX530GA)

■ Standard Specification

Item	Type	DSX530GA			
		DSX530GK			
Frequency Range	7 to 8MHz	8 to 12MHz	12 to 20MHz	20 to 54MHz	
Overtone Order		Fundamental			
Load Capacitance		8pF, 10pF, 12pF			
Drive Level		10μW (300μW max.)			
Frequency Tolerance		±30×10 ⁻⁶ (at 25°C)			
Series Resistance	200Ω max.	150Ω max.	100Ω max.	50Ω max.	
Frequency Characteristics over Temperature		±100×10 ⁻⁶ / -40 to +125°C (Ref. to 25°C)			
Storage Temperature Range		-40 to +150°C			
Reliability		AEC-Q200			
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.

■ DSX530GK

[mm]

■ DSX530GA

[mm]

