



DSX321G 24MHZ

KDS

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Company Address

Arrow Electronics, Inc 9201 East Dry Creek Road Centennial, CO 80112

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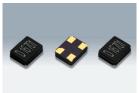


RoHS/ELV Compliant

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

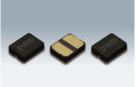
DSX321G/DSX321GK/DSX320G/DSX320GE

Actual size



DSX321G/DSX321GK

GK DSX320G



DSX320GE

■ Features

Miniature and lightweight SMD crystal resonator height DSX321G (over 12MHz): 0.75mm (12MHz or under): 0.85mm

DSX321GK: 0.85mm

DSX320G (over 12MHz): 0.85mm (12MHz or under): 0.95mm

DSX320GE: 0.95mm

- Excellent heat resistance, High precision and high reliability
- Offers a wide range of frequencies DSX321G/DSX320G/DSX320GE: 7.9 to 64MHz
- DSX321GK: 9.8 to 40MHz

 Enhanced durability of solder joint for thermal cycles:
 after 3000 thermal cycle tests "-40, +125°C" (DSX320G/DSX320GE)
- AEC-Q200 Compliant

Applications

- RKE (Remote Keyless Entry), TPMS and safety controls (DSX321GK)
- Multimedia devices such as car navigation systems and car audio (DSX321G)
- ECU (engine, body work control), safety relations, car body controls, ABS,EPS (DSX320G/DSX320GE)

■ Standard Specification

Туре	DSX321G/DSX320G/DSX320GE					
Item		DSX321GK				
Frequency Range	7.9 to 9.8MHz	9.8 to 11MHz	11 to 12MHz	12 to 27MHz	27 to 40MHz	40 to 64MHz
Overtone Order	Fundamental					
Load Capacitance	8pF, 10pF, 12pF					
Drive Level	10μW (200μW max.)					
Frequency Tolerance	±30×10 ⁻⁶ (at 25℃)					
Series Resistance	400Ω max.	200Ω max.	150Ω max.	120Ω max.	100Ω max.	
Frequency Characteristics over Temperature	±100×10 ⁻⁶ /−40 to +125°C (Ref. to 25°C)					
Storage Temperature Range	-40 to +150℃					
Reliability	AEC-Q200					
Packing Unit (1)	3000pcs./reel(φ180)					

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

Consult our sales representative for other specifications.

