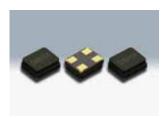




RoHS/ELV Compliant

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

DSX211G/DSX210GE



DSX211G

■ Features

- Miniature and lightweight SMD crystal resonator (height DSX211G 0.65mm / DSX210GE 0.85mm)
- Excellent heat resistance, High precision and high reliability
- Offers a wide range of frequencies from 16MHz to 64MHz
- Enhanced durability of solder joint for thermal cycles : after 3000 Thermal cycle tests "-40, +125°C "(DSX210GE)
- AEC-Q200 Compliant



- Automotive radio applications such as Bluetooth, wireless LAN, GPS/GNSS, multimedia devices and automotive camera
- ECU (engine, body work control), safety relations, car body controls, ABS, EPS (DSX210GE)



DSX210GE

Actual size □

■ Standard Specification

Туре	DSX210GE				
Item	DSX211G				
Frequency Range	16 to 20MHz	20 to 24MHz	24 to 30MHz	30 to 36MHz	36 to 64MHz
Overtone Order	Fundamental				
Load Capacitance	8pF, 10pF, 12pF				
Drive Level	10μW (100μW max.)				
Frequency Tolerance	±30×10⁻⁶ (at 25℃)				
Series Resistance (Inside Atomosphere:nitrogen)	400Ω max.	200Ω max.	150Ω max.	120Ω max.	80Ω max.
Series Resistance (Inside Atomosphere:vaccum)	300Ω max.	150Ω max.	100Ω max. 600		60Ω max.
Frequency Characteristics	±100×10 ⁻⁶ /−40 to +125°C (Ref. to 25°C)				
over Temperature					
Storage Temperature Range	−40 to +150°C				
Reliability	AEC-Q200				
Packing Unit (1)	3000pcs./reel(\phi180)				

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

Consult our sales representative for other specifications.

