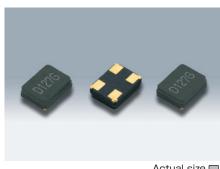


SMD Crystal Resonators / MHz Band Crystal Resonators

DSX221G (For Industrial Equipment)



Actual size

■ Features

- 2520 size miniature and lightweight SMD crystal resonator with a low profile of 0.75mm.
- Excellent heat resistance, High precision and high reliability (Frequency aging specification of $\pm 1 \times 10^{-6}/1$ year or $\pm 3 \times 10^{-6}/5$ years is available for cell phone or wireless communication systems etc.)
- Offers a wide range of frequencies from 12MHz up to 64MHz. Moisture prevention packing is unnecessary.
- Moisture Sensitivity Level:LEVEL1 (IPC/JEDEC J-STD-033)
- AEC-Q200 Compliant

Applications

- Industrial equipment
- Telecommunication products and other small devices such as DVC, DSC, PDA, PC, USB.
- Automotive applications such as RKE(Remote Keyless Entry), safety controls and multimedia devices(AEC-Q200 Compliant)

■ Standard Specification

Item Type	DSX221G				
Frequency Range	$12\sim13 MHz$	13∼16MHz	16~20MHz	20 ~ 27MHz	27 ~ 64MHz
Overtone Order	Fundamental				
Load Capacitance	8pF, 10pF, 12pF				
Drive Level	10μW (200μW max.)				
Frequency Tolerance	±20×10 ⁻⁶ (at 25℃)				
Series Resistance	250Ω max.	150Ω max.	100Ω max.	80Ω max.	60Ω max.
Frequency Characteristics over Temperature	± 5.0 ×10 $^{-6}$ / -40 \sim + 105 $^{\circ}$ ℂ (Ref. to 25 $^{\circ}$ ℂ)				
Storage Temperature Range	−40 ~+105°C				
Packing Unit	3000pcs./reel (φ180)				

Consult our sales representative for other specifications.

[mm]

