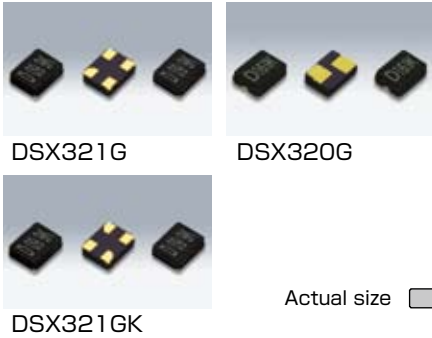


SMD Crystal Resonators / MHz Band Crystal Resonators (For Automotive)

DSX321G/DSX320G/DSX321GK



■ Features

- Miniature and lightweight SMD crystal resonator (height DSX321G 0.75mm / DSX320G 0.85mm / DSX321GK 0.85mm)
- Excellent heat resistance, High precision and high reliability
- Offers a wide frequency range from 8MHz to 40MHz(DSX321G/320G)
- Enhanced durability of solder parts for thermal cycles : after 3000 Thermal cycle tests "-40, +85°C"(DSX320G)
- High reliability due to excellent shock and vibration resistance.Suitable for TPMS(DSX321GK)
- AEC-Q200 Compliant

■ Applications

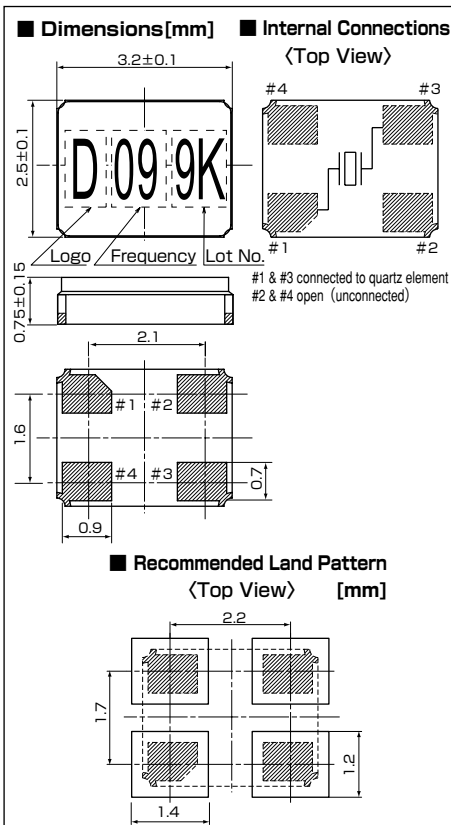
- Multimedia devices such as safety control, car navigation system and car audio(DSX321G)
- ECU (engine, body work control), safety relations, car body control, ABS, EPS(DSX320G)
- TPMS(Tire Pressure Monitoring System), RKE(Remote Keyless Entry) (DSX321GK)

■ Standard Specification

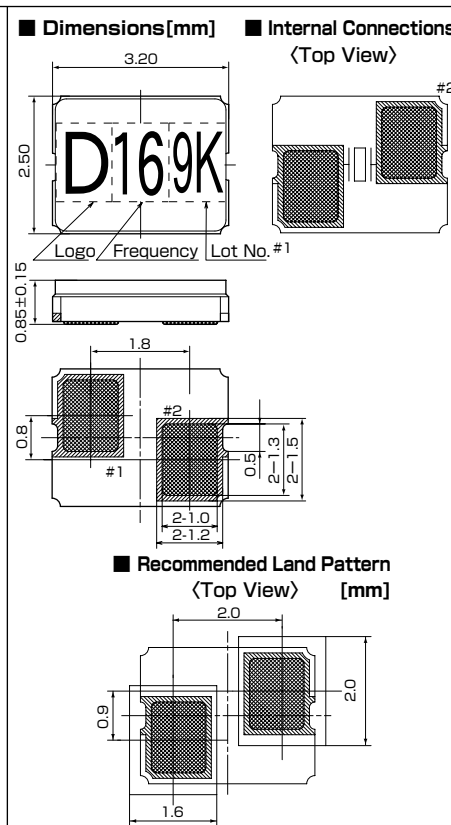
Item	Type	DSX321G/DSX320G				
		DSX321GK				
Frequency Range		8~9.8MHz	9.8~11MHz	11~12MHz	12~27MHz	27~40MHz
Overtone Order		Fundamental				
Load Capacitance		Series, 8pF~20pF				
Drive Level		10μW(200μW max.)				
Frequency Tolerance		±30×10 ⁻⁶ , ±50×10 ⁻⁶ , ±100×10 ⁻⁶ (at 25°C)				
Series Resistance		300Ω max.	200Ω max.	150Ω max.	120Ω max.	100Ω max.
Frequency Characteristics over Temperature		±50×10 ⁻⁶ /-40~+85°C(Ref. to 25°C)				
		±100×10 ⁻⁶ /-40~+125°C(Ref. to 25°C)				
		±200×10 ⁻⁶ /-40~+150°C(Ref. to 25°C)				
Storage Temperature Range		-40~+150°C				
Reliability		AEC-Q200-REV. C				
Packing Unit		3000pcs./reel(φ180)				

Consult our sales representative for other specifications.

■ DSX321G



■ DSX320G



■ DSX321GK

