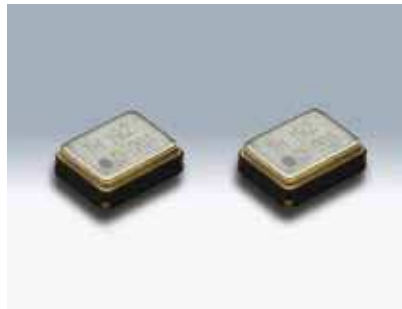


SMD Crystal Resonators / MHz Band Crystal Resonators(with dedicated temperature sensor)

DSR21 1ATH/DSR221STH



DSR21 1ATH



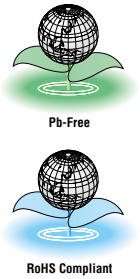
DSR221STH

Actual size □

Actual size □

■ Features

- DSR21 1ATH: 2016size
0.65mm or 0.8mm high
- DSR221STH: 2520size
0.9mm high
- Built-in NTC thermistor
- Prevention of moisture packing is unnecessary
Moisture Sensitivity Level : LEVEL 1 (IPC/JEDEC J-STD-033)



■ Applications

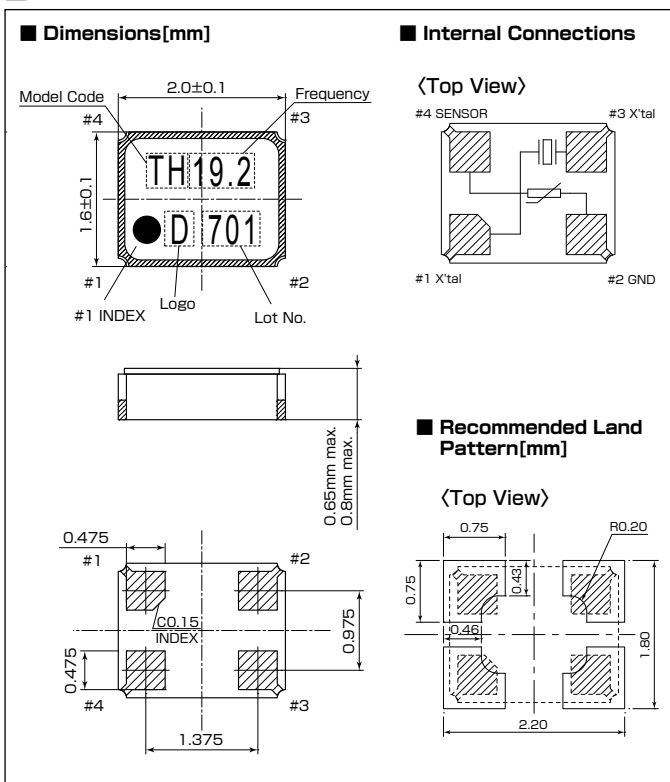
- Mobile phones
- GPS

■ Standard Specification

Item	Type	DSR21 1ATH/DSR221STH
Frequency Range		19.2/26 MHz
Overtone Order		Fundamental
Load Capacitance		7pF, 8pF, 10pF, 12pF
Drive Level		10μW (100μW max.)
Frequency Tolerance		±10×10 ⁻⁶ , ±20×10 ⁻⁶
Series Resistance		80Ω max.
Frequency Characteristics over Temperature		±12×10 ⁻⁶ , ±20×10 ⁻⁶ / -30 ~ +85 °C
Storage Temperature Range		-40 ~ +125 °C
Thermistor Resistance		100kΩ (at +25°C)
Thermistor B-constant		4250K (+25°C / +50°C)
Packing Unit		3000pcs./reel (φ 180)

Consult our sales representative for other specifications.

■ DSR21 1ATH



■ DSR221STH

