

SURFACE MOUNT TYPE CRYSTAL UNITS / NX5032SA

This is highly precise small-sized crystal unit optimum for applications in mobile communications.

■ Features

- Standard Nominal Frequency for PLL-system are lined up (ex. GSM, PDC, CDMA, PHS, etc.).
- Ultra compact and thin. ($4.9 \times 3.1 \times 0.85$ mm)
- Display of temperature characteristics is possible using a two-dimensional data code.
- Products that are lead-free. These can meet the requirements of re-flow profiling using lead-free solder.
- Excellent electrical characteristics and environmental performance for applications in mobile communications.



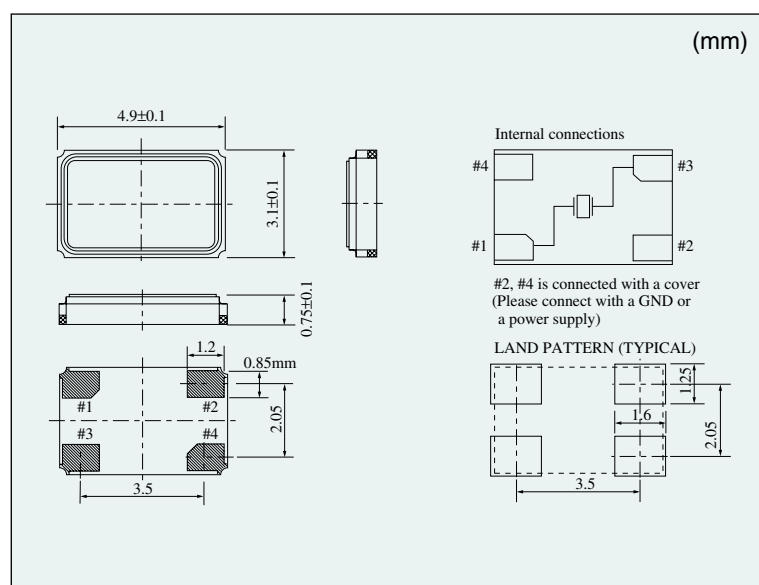
■ Specification

Item	Type	NX5032SA	
Frequency Range		12.0 MHz ~ 39 MHz	
Overtone		Fundamental	
Frequency Tolerance (25±3°C)		± 10 × 10 ⁻⁶	
Temperature Characteristics (in reference to +25°C)		± 10 × 10 ⁻⁶	± 15 × 10 ⁻⁶
Operating Temperature Range		-20 ~ +70°C	-30 ~ +85°C
Equivalent Series Resistance		40 Ω max	
Drive Level		10 μW (100 μW max)	
Standard Load Capacitance		10pF	
Operable Temperature Range		-40 ~ +85°C	

Typical Frequency (MHz)

Fundamental	12.0	12.8	14.4	15.6	16.8	19.44	26.0
	12.6	13.0	15.36	16.0	19.2	19.8	

■ Dimensions



*1 Two dimensional data code

