

CRYSTAL UNITS

For OA•AV

SURFACE MOUNT TYPE CRYSTAL UNITS / NX5032GA • NX5032GB

Small surface mount type crystal oscillators are available that are suitable for OA/AV use.

Features

- Excellent electric performance optimum for OA (office automation) and AV (audio & visual) applications are exhibited.
- Products that are lead-free. These can meet the requirements of re-flow profiling using lead-free solder.
- NX5032GA supports low frequency oscillation (from 9.84375 MHz up).
- NX5032GB supports low height mounting (product height: 1.0 mm type).



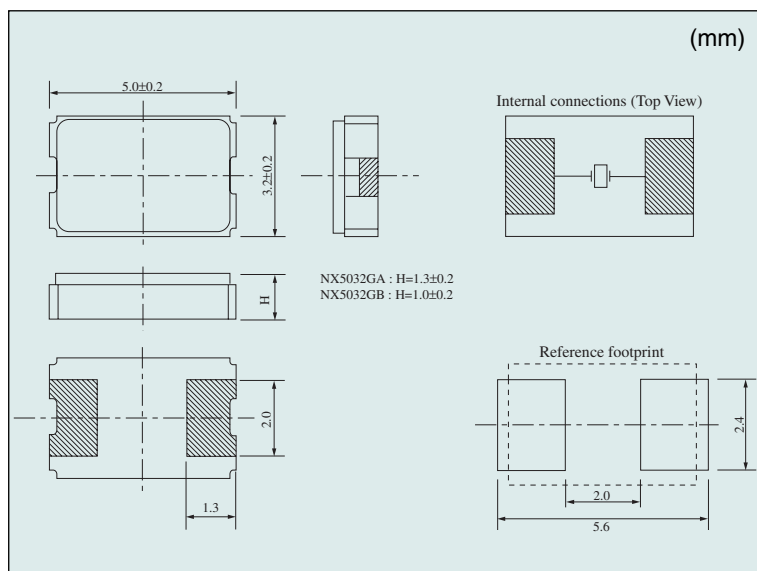
Specification

Item	Type	NX5032GA	NX5032GB
Frequency Range		9.84375 ~ 66 MHz	12 ~ 66 MHz
Overtone		Fundamental	
Frequency Tolerance (25±3°C)		± 30 × 10 ⁻⁶ , ± 50 × 10 ⁻⁶	
Temperature Characteristics (in reference to +25°C)		± 30 × 10 ⁻⁶ , ± 50 × 10 ⁻⁶	
Operating Temperature Range		-10 ~ +70°C	
Equivalent Series Resistance		※ See table	
Drive Level		50 μW (500 μW max)	
Standard Load Capacitance		8pF	
Operable Temperature Range		-40 ~ +85°C	

Typical Frequency (MHz)

Fundamental	9.84375	10.0	12.0	13.0	14.318	14.7456	16.0
	16.934	17.734	18.0	18.432	20.0	22.0	24.0
	24.576	25.0	27.0	28.636	30.0	32.0	33.8688
	36.0	40.0	45.0	48.0	54.0		

Dimensions



※ Table Equivalent Series Resistance (Ω)

Frequency Range (MHz)	Equivalent Series Resistance (Ω)
9.84375 ~ 11	150 max
11 ~ 20	120 max
20 ~ 30	70 max
	50 max