

SURFACE MOUNT TYPE CRYSTAL UNITS / NX5032GA

This is ultra small surface mount type crystal unit for office automation, audio & visual equipment.

Features

- Ultra compact and thin (5.0×3.2×1.3 mm).
- Excellent electric performance optimum for OA (office automation) and AV (audio & visual) applications are exhibited.
- Excellent heat resistance and environmental characteristics.
- Products that are lead-free. These can meet the requirements of re-flow profiling using lead-free solder.



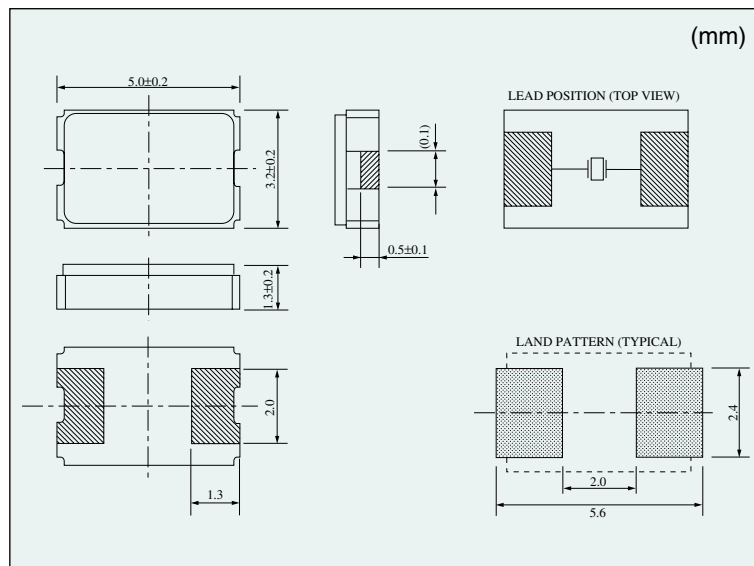
Specification

Item	Type	NX5032GA
Frequency Range		12.0 MHz ~ 50 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)

	13.0	14.31818	14.7456	16.0	16.934	17.734475	18.432
Fundamental	20.0	22.0	24.0	24.576	25.0	27.0	28.63636
	30.0	32.0	33.8688	36.0	40.0	45.1584	48.0

Dimensions



※ Table Equivalent Series Resistance (Ω)

Frequency Range (MHz)	Equivalent Series Resistance (Ω)
12 ~ 20	120 max
20 ~ 30	70 max
30 ~ 50	50 max