

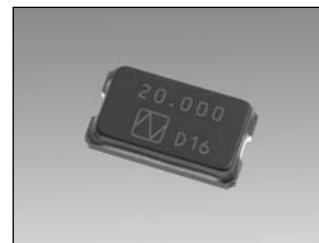
CRYSTAL UNITS

For OA•AV

SURFACE MOUNT TYPE CRYSTAL UNITS / NX8045GB

These are de facto standard crystal unit optimum for audio, visual and office automation, meeting small-sized surface mounting.

This crystal unit can meet requirement starting from a low frequency 5MHz.



Features

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

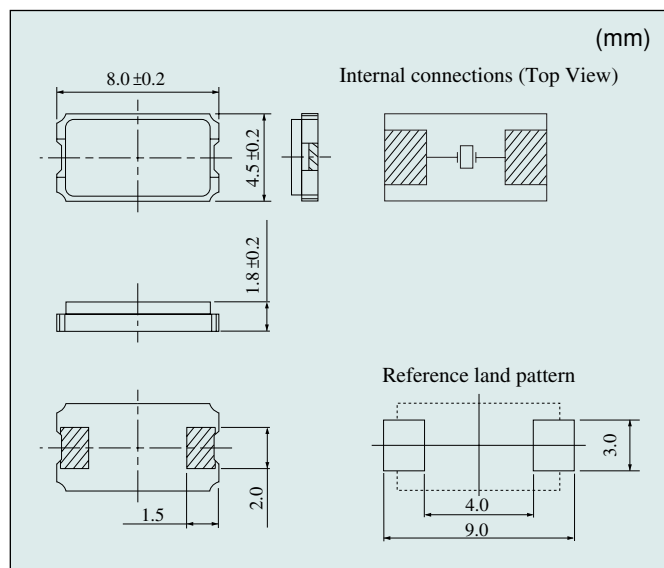
Specification

Item	Type	NX8045GB
Frequency Range		5 ~ 40.5 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)

	7.2	8.0	9.84375	10.0	12.0	12.288	13.560
Fundamental	14.318182	14.7456	15.0	16.0	16.9344	17.734475	18.0
	18.432	19.6608	20.0	22.1184	22.5792	24.0	24.576
	25.0	27.0	28.375	28.63636	30.0	32.0	32.768
	33.8688	36.0	36.864	38.0	40.0	40.5	

Dimensions



※ Table Equivalent Series Resistance (Ω)

Overtone	Frequency Range (MHz)	Equivalent Series Resistance (Ω)
Fundamental	5 ~ 8	300 max
	8 ~ 9.5	200 max
	9.5 ~ 10	120 max
	10 ~ 12	100 max
	12 ~ 13	80 max
	13 ~ 40.5	50 max