

CRYSTAL UNITS

SURFACE MOUNT TYPE CRYSTAL UNITS / NX6035SA (CP22G)

This is highly precise small-sized surface-mounted crystal units optimum for applications in mobile communications.

Features

- Compact and thin (6.0×3.5×1.0 mm).
- It is developed as a PLL reference oscillation source for cellular phones, pagers and the like
- Excellent vibration resistance and shock resistance.
- Display of temperature characteristics is possible using a two-dimensional data code.*1
- Products that are lead-free. These can meet the requirements of re-flow profiling using lead-free solder.



Specification

Item	Type	NX6035SA (CP22G)	
Frequency Range		10.368 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 ~ +75°C	-30 ~ +80°C
Equivalent Series Resistance		50 Ω max	
Drive Level		10 μW (100 μW max)	
Standard Load Capacitance		12pF	
Operable Temperature Range		-40 ~ +85°C	

If you need NON-standard specification, please contact us.
[Type name] In () is previous name.

Typical Frequency (MHz)

Fundamental	10.368	13.0	14.4	15.360	18.432	19.68	21.25
	12.6	13.56	14.9	16.000	19.2	19.8	26.0
	12.8	13.824	15.000	16.368	19.44	20.6575	

Dimensions

