

CRYSTAL UNITS

SURFACE MOUNT TYPE CRYSTAL UNITS / NX7834SA (CP24J)

These are highly precise surface-mounted crystal units optimum for applications in mobile communications.



■ Features

- Compact and thin (7.8×3.4×1.1 mm).
- Standard Nominal Frequency for PLL-system are lined up (ex. GSM, PDC, AMPS, TACS, etc.).
- Display of temperature characteristics is possible using a two-dimensional data code.
- Excellent electrical characteristics and environmental performance for applications in mobile communications.
- Products that are lead-free. These can meet the requirements of re-flow profiling using lead-free solder.

■ Specification

Item	Type	NX7834SA (CP24J)	
Frequency Range		9.6 MHz ~ 26 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 ~ +85°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	16.0	18.432	19.8
	12.6	13.56	15.0	16.368	19.2	
	12.8	13.824	15.36	16.68	19.44	

■ Dimensions

