

## SURFACE MOUNT TYPE CRYSTAL UNITS / NX7834SA (CP24J)

This is small leadless surface mount type crystal unit.

### ■ 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.).
- Frequency pullability performance absolutely required for temperature compensation.
- Frequency characteristics provide for easy temperature compensation owing to its stable characteristics close to crystal fit curve.
- It is applicable to IR Reflow.
- Taping package is for customer automatic loading operation.
- Display of temperature characteristics is possible using a two-dimensional data code. (refer page 43)



### ■ Specification

Item	Type	NX7834SA (CP24J)	
Frequency Range		9.6 MHz ~ 26 MHz	
Overtone		Fundamental	
Frequency Tolerance (25±3°C)		± 10 × 10 <sup>-6</sup>	± 10 × 10 <sup>-6</sup>
Temperature Characteristics (in reference to +25°C)		± 10 × 10 <sup>-6</sup>	± 15 × 10 <sup>-6</sup>
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	

### Standard Frequency (MHz)

10.368	12.8	13.824	15.0	16.368	19.44	19.8
10.752	13.0	14.4	15.36	16.8	19.440	20.736
12.6	13.56	14.85	16.0	19.2	19.68	

If you need NON-standard specification, please contact us.

[Type name] In ( ) is previous name.

### ■ Dimensions

