

SURFACE MOUNT TYPE CRYSTAL UNITS / NX7834SA (CP24J)

This is ultra small leadless surface mount type crystal unit.

Features

- Compactness 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 which is absolutely required for the purpose of temperature compensation.
- Frequency characteristics provides easy making temperature compensation owing to its stable characteristics closed to crystal fit curve.
- It is applicable to IR Reflow.
- Taping package is for customer automatic loading operation.
- Display of temperature characteristics is possibile using a two-dimensional data code. (refer page 43)

Specification

Item	NX7834SA (CP24J)					
Frequency Range	9.6 MHz ~ 26 MHz					
Overtone	Fundamental					
Frequency Tolerance (25±3°C)	$\pm 10 \times 10^{-6}$	± 10 × 10 ⁻⁶	± 10 × 10 ⁻⁶			
Temperature Characteristics (in reference to +25°C)	$\pm 5 imes 10^{-6}$	± 10 × 10 ⁻⁶	± 10 × 10 ⁻⁶			
Operating Temperature Range	−10 ~ +60°C		−20 ~ +75°C			
Equivalent Series Resistance	40 Ω max					
Drive Level	10 μW (100 μW max)					
Standard Load Capacitance	12pF					
Operable Temperature Range	−40 ~ +85°C					

Standard Frequency (MHz)

10.368	12.6	13.0	14.4	15.36	16.8	19.440
10.752	12.8	13.824	14.85	16.368	19.2	20.736

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

[Type name] In () which is, it is previous name.

Dimension



