

TEMPERATURE COMPENSATED CRYSTAL OSCILLATORS NT7050B SERIES

Model NT7050BA

■ Main applications: Mobilephone

- Features
- Height 1.7mm max, volume 0.06 cm³, weight 0.16g (light & small)
 - This is “with AFC” version
 - Low power consumption (1.5mA max)
 - Surface mount type
(This is applicable to reflow soldering)

■ Specification

Item	Model	NT7050BA
Standard Nominal Frequency(MHz)		12.8 13 14.4 19.2 19.44 19.68 19.8
Supply Voltage		+3VDC
Load		10kΩ//10pF
Current Consumption		1.5mA max
Output Voltage		0.8V (Peak to Peak) min
Frequency Stability		±2.5×10 ⁻⁶ max
		-30~+75°C
Supply Volt Change		±0.3×10 ⁻⁶ max/+3V±5%
Aging		±1×10 ⁻⁶ max/year
AFC Charact.		±12.0×10 ⁻⁶ ±25%/+1.5±1V *1

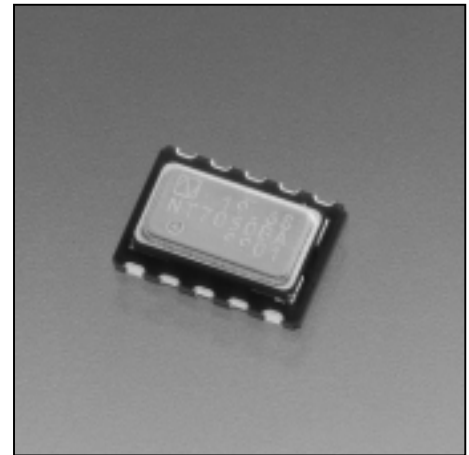
Note: Frequency adjustment condition

(1) Adjustment is conducted in room temperature (+25±2°C).

(2) For adjustment, oscillator is placed on the printed board which has earth pattern.

If you need NON-standing spec. for frequency., Supply Voltage & AFC charact etc, please contact us.

*1 It is a typical specification. According to the frequency, there is possibility that the specification changes.



■ Dimensions

