

**NEW**

## TEMPERATURE COMPENSATED CRYSTAL OSCILLATORS NT3225B SERIES

### Model NT3225BA

#### Specification

Item	Model	NT3225BA
Standard Nominal Frequency (MHz)		12.8, 13, 14.4, 19.2, 19.68, 19.8, 26
Supply Voltage		+3.0VDC
Load		10kΩ//10pF
Current Consumption		1.2mA max
Output Voltage		0.8V (Peak to Peak) min (DC coupling *1)
Frequency Stability		$\pm 2.5 \times 10^{-6}$
		-30~+75°C
Supply Volt Change		$\pm 0.3 \times 10^{-6}$ max/+3.0V $\pm 5\%$
Aging		$\pm 1.0 \times 10^{-6}$ max/year
AFC Charact.		$\pm 9 \times 10^{-6}$ ~ $\pm 15 \times 10^{-6}$ / +1.5 $\pm 1$ V *2

Note: Frequency adjustment condition

(1) Adjustment is conducted in room temperature (+25 $\pm 2$ °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 DC-cut capacitor of output is not put in VC-TCXO. Please add DC-cut capacitor (1,000 to 10,000pF) in output line, if necessary.

\*2 It is a typical specification. According to the frequency, there is possibility that the specification changes.

■ Main applications: Mobilephone

- Features
- Low power supply voltage. (Power supply voltage: +2.4VDC  $\pm 0.1$ V min)
  - Height 1.0mm max, volume 0.007cm<sup>3</sup>, weight 0.024g (light & small)
  - This is “with AFC” version
  - Low power consumption
  - Surface mount type  
(This is applicable to reflow soldering)



#### Dimensions

