

# TEMPERATURE COMPENSATED CRYSTAL OSCILLATORS NT5032S SERIES

## Model NT5032S

■ Main applications: Mobilephone

- Features
- Height 1.5mm max, volume 0.022cm<sup>3</sup>, weight 0.06g (light & small)
  - This is “with AFC” version
  - Low power consumption (1.5mA max)
  - Surface mount type  
(This is applicable to reflow soldering)

## ■ Specification

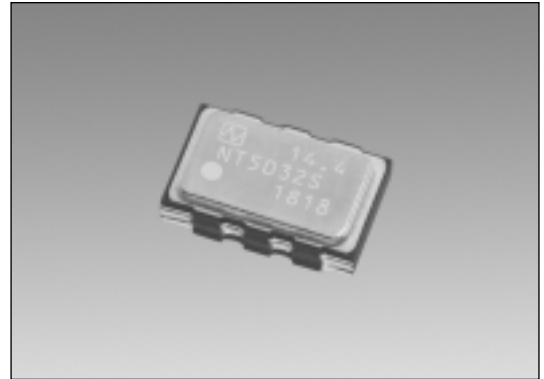
Item	Model	NT5032S
Standard Nominal Frequency (MHz)	12.8 13 14.4 19.2 19.44 19.68 19.8	
Supply Voltage		+3VDC
Load		10kΩ//10pF
Current Consumption		1.5mA max
Output Voltage		0.8V (Peak to Peak) min
Frequency Stability		±2.5×10 <sup>-6</sup> max -30~+75°C
Supply Volt Change		±0.3×10 <sup>-6</sup> max/+3V±5%
Aging		±1×10 <sup>-6</sup> max/year
AFC Charact.		±12.0×10 <sup>-6</sup> ±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

