

NEW**TEMPERATURE COMPENSATED CRYSTAL OSCILLATORS NT3225S SERIES****Model NT3225SA****Specification**

| Item | Model | NT3225SA |
|----------------------------------|-------|--|
| Standard Nominal Frequency (MHz) | | 13, 19.2, 19.68, 26 |
| Supply Voltage | | +3.0V DC |
| Load | | 10kΩ//10pF |
| Current Consumption | | 1.5mA max |
| Output Voltage | | 0.8V (P-P) min (DC coupling *1) |
| Frequency Stability | | $\pm 2.5 \times 10^{-6}$ max |
| | | -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. | | $\pm 9 \times 10^{-6} \sim \pm 15 \times 10^{-6} / +1.5 \pm 1V$ *2 |

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 DC-cut capacitor of output is not put in VC-TCXO. Please add DC-cut capacitor (1,000pF) in oscillators output line.

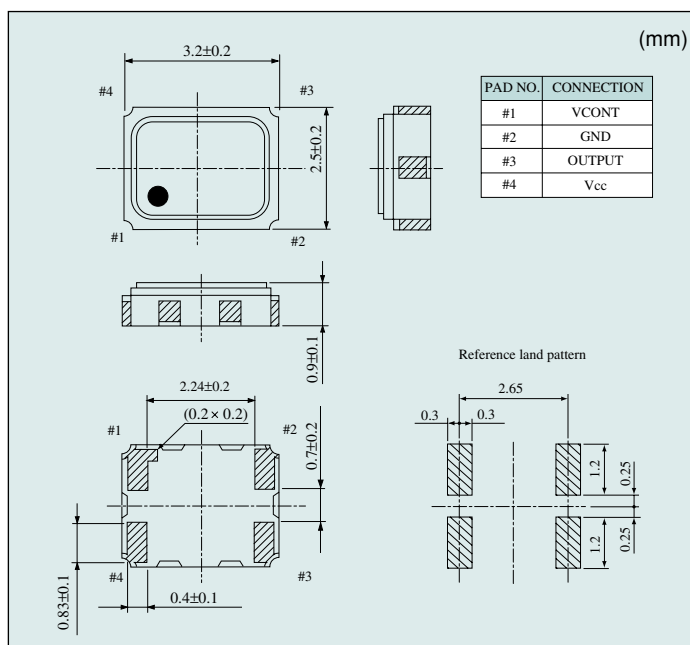
*2 It is a typical specification. According to the frequency, there is possibility that the specification changes.

■ Main applications: Mobilephone

- Features
- Low power supply voltage. (Power supply voltage: +2.4V DC $\pm 0.1V$ ~ +3.4V $\pm 5\%$)
 - Height 1.0mm max, volume 7mm³, weight 24mg (light & small)
 - This is “with AFC” version
 - Low power consumption
 - Surface mount type
(This is applicable to reflow soldering)
 - Products are lead-free. These can meet the requirements of re-flow profiling using lead-free solder.



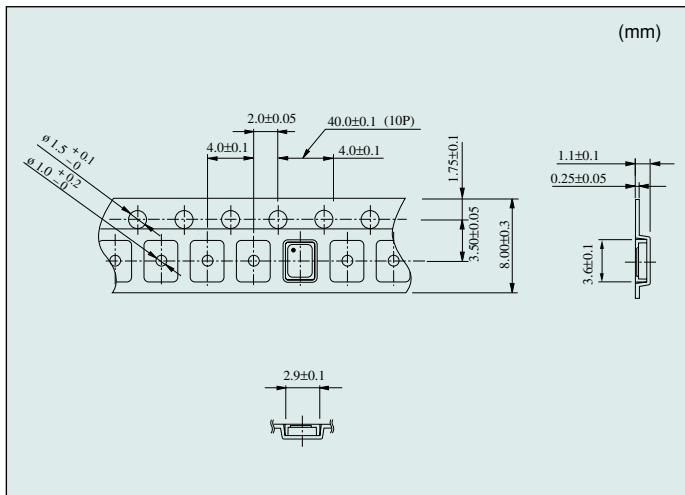
RoHS Compliant
Directive 2002/95/EC

Dimensions

TEMPERATURE COMPENSATED CRYSTAL OSCILLATORS NT3225S SERIES

- Taping package below is standard for NT3225S series.
- 2,000 pieces/reel are boxed and shipped with the taping method as shown.
- Tray packaging is applied to the delivery of small number products or samples.

Tape



Reel

