

## TTS18VS/NS

### Miniature VC-TCXO

### Features

Reflow solderable. Leadless type having excellent co planarity.  
 Reduced volume from 0.024cc to 0.012cc, 0.01cc, low profile and small size light weight and low power consumption.

### Applications

Suitable for mobile communication equipment

### Specifications

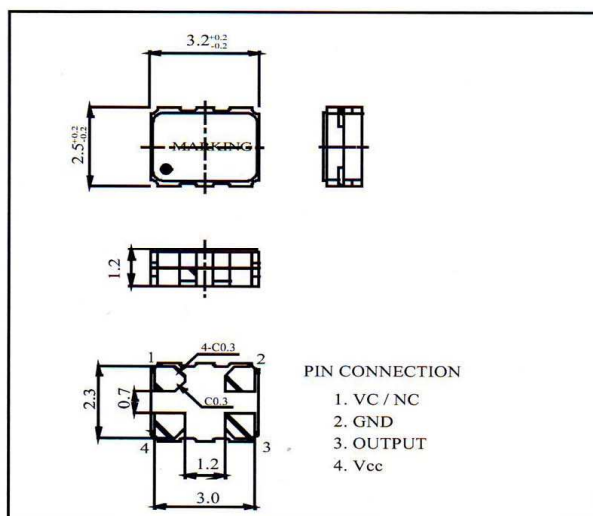
Size	3.2x2.5x1.2 (mm)
Output frequency	7.0 ~ 52.00 (MHz)
Supply voltage	1.7V -3.7V $\pm 5\%$ (V)
Supply current	2.0 max. (mA)
Output level	0.8 min. (Vp-p)
Load	10(k $\Omega$ )/10 (pF) $\pm 10\%$
Frequency shift	Table 1
Voltage controlled range	$\pm 5 \sim \pm(\text{ppm})$ : VC=1.5V $\pm 1.0$ V
Operating temperature range	-30 ~ +85 (°C)

**Table 1**

Conditions	Frequency shift (ppm)
Temperature (-20 ~ +70°C)	$\pm 2.5$
Supply voltage (3.0 V $\pm 5\%$ )	$\pm 0.2$
Load (10k $\Omega$ //10pF $\pm 10\%$ )	$\pm 0.2$
Aging (per year)	$\pm 1.0$

\* Please consult us for customized specifications.

### ■ Outline



### ■ Reference Land Pattern

