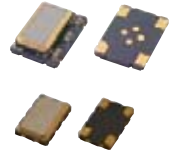


# TCXO, VCTCXO

## Temperature Compensated Crystal Oscillator



### Application

- For GSM & CDMA Mobile

### Features

- Stable Frequency Stability over Temperature
- Low Phase Noise & Low Power Supply
- Miniature Size

### Specification

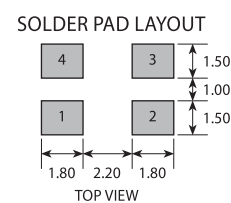
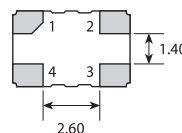
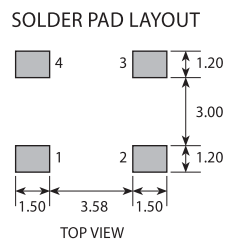
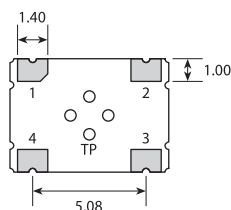
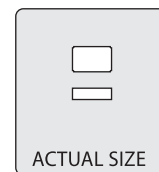
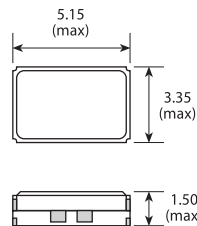
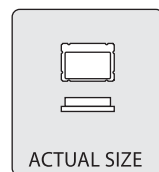
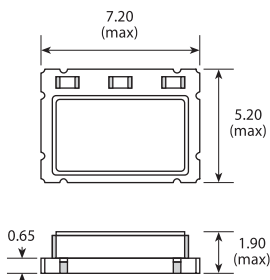
Model	TCXO, VCTCXO
Frequency Range, MHz	10.0 ~ 26.0
Dimensions, mm	7.2x5.2x1.9
	5.1x3.3x1.4
	3.2x2.5x1.3
Frequency Stability, ppm	±1.0 ~ ±3.0
Supply Voltage, V	+2.7 ~ +5.5
Supply current, mA	2.0 max
Operating Temp, °C	-30 ~ +75
Storage Temp, °C	-40 ~ +85
Start Up Time, ms	3 max
Frequency Adjustment	None ±8ppm min, +1.5V ±1.0V
Aging, PPM	±1.0 max first year
Stability 24hrs after reflow, ppm	±1.0 max

### Standart Frequencies

Standart Frequencies in MHz	
12.80000	19.20000
13.00000	19.44000
14.40000	19.68000
15.36000	19.80000
16.00000	26.00000

Other frequencies available. Please consult our sales office.

### Surface Mount Dimension, mm



PAD	CONNECTION
1	Ground or Freq adjustment
2	Ground
3	Output
4	Supply

TP - Test Points

PAD	CONNECTION
1	Ground or Freq adjustment
2	Ground
3	Output
4	Supply

# TCXO, VCTCXO

## Temperature Compensated Crystal Oscillator

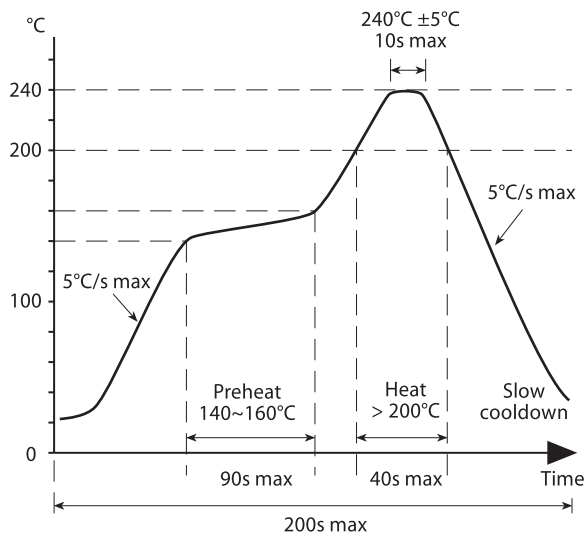
### Construction

- Ceramic body with gold-plated pads
- Metal lid, seam sealed

### Packing & Handling

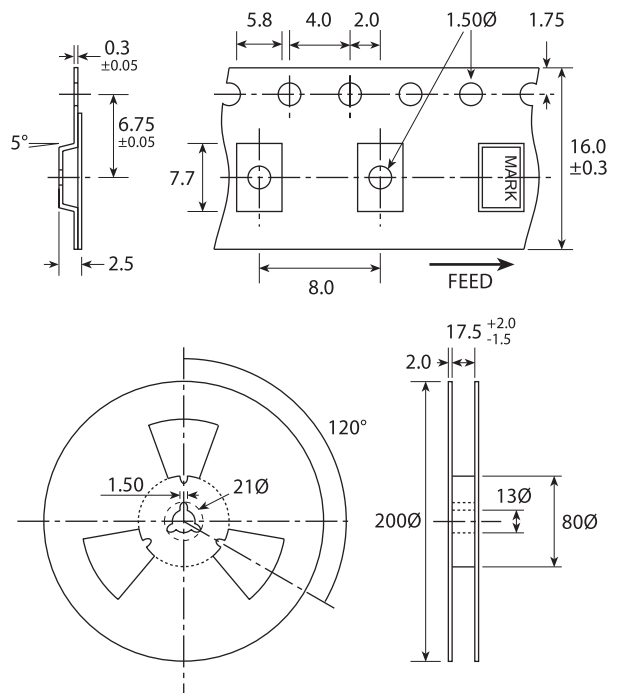
Production quantities supplied on T & R,  
1k pcs per reel.  
Small quantities may be supplied on tape  
(no reel), or in bulk.

### Soldering Profile



Solder resistance: 240°C x 10 secs x 2.

### Tape & Reel Specification



Not to scale. Dimensions in mm. Tolerances ±0.1mm unless otherwise stated