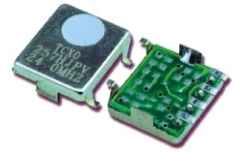


J Type VCTCXO

ROHS Compliant Standard



FEATURE

- 11.4×9.6×3.9 mm SMD.
- Output: TTL/CMOS or clipped sine wave.
- LOW current option (2mA for clipped sine wave o/p).
- Internal trimmer adjust and external voltage control.

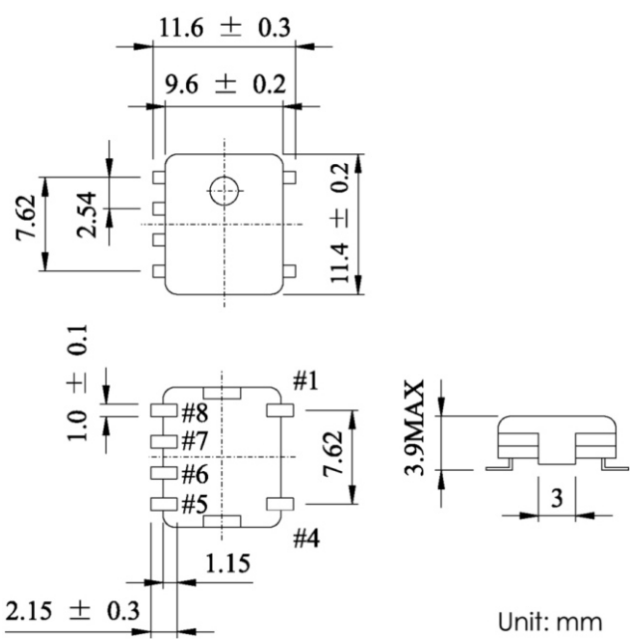
Numbering system



Supply Voltage C: 5.0V F: 3.3V	Output Waveform/Fanout/Symmetry S: Clipped sine wave/10Kohms//10pF B: TTL/10LSTTL/50±10% J: CMOS/15pF/50±10%																								
Pulling Range <table border="1"> <thead> <tr> <th></th> <th>±5ppm</th> <th>±8ppm</th> <th>±10ppm</th> <th>±12ppm</th> <th>±15ppm</th> </tr> </thead> <tbody> <tr> <td>2.5V±2V</td> <td>A</td> <td>B</td> <td>C</td> <td>D</td> <td>E</td> </tr> <tr> <td>1.65V±1.5V</td> <td>F</td> <td>G</td> <td>H</td> <td>I</td> <td>J</td> </tr> <tr> <td>1.5V±1V</td> <td>K</td> <td>L</td> <td>M</td> <td>N</td> <td>O</td> </tr> </tbody> </table> T: TCXO		±5ppm	±8ppm	±10ppm	±12ppm	±15ppm	2.5V±2V	A	B	C	D	E	1.65V±1.5V	F	G	H	I	J	1.5V±1V	K	L	M	N	O	Temperature Range C: -10°C to +60°C E: -20°C to +70°C I: 0°C to +70°C U: -40°C to +85°C W: 0°C to +55°C H: -30°C to +75°C
	±5ppm	±8ppm	±10ppm	±12ppm	±15ppm																				
2.5V±2V	A	B	C	D	E																				
1.65V±1.5V	F	G	H	I	J																				
1.5V±1V	K	L	M	N	O																				
	Frequency Stability A: ±0.5ppm B: ±1.0ppm P: ±1.5ppm C: ±2.0ppm D: ±2.5ppm E: ±3.0ppm F: ±4.0ppm G: ±5.0ppm																								

SPECIFICATION

Standard Frequency (MHz)	Clipped sine wave: 10MHz~40MHz TTL/CMOS: 1.25MHz~40MHz
Operating Temp. range (°C)	Refer to Numbering System
Frequency Stability	Refer to Numbering System
Supply Current (mA) max. Clipped sine wave 10MHz ≤ F ₀ < 20MHz 20MHz ≤ F ₀ < 40MHz TTL/CMOS 1.25MHz ≤ F ₀ < 20MHz 20MHz ≤ F ₀ < 40MHz	2.0 2.5 20 25
Phasa noise 100Hz 1KHz 100KHz	-110dBc/Hz -135dBc/Hz -145dBc/Hz
Operatable Temp. Range (°C)	-40~+85



FBEQ. STABILITY VS. TEMP. PANGE

Temp. (°C)	PPM	A: ±0.5	B: ±1.0	P: ±1.5	C: ±2.0	D: ±2.5	E: ±3.0	F: ±4.0	G: ±5.0
C -10~+60		-	○	○	○	○	○	○	○
E -20~+70		-	○	○	○	○	○	○	○
I 0~+70		-	○	○	○	○	○	○	○
U -40~+85		-	-	-	-	-	-	-	○
W 0~+55		○	○	○	○	○	○	○	○
H -30~+75		-	-	-	-	○	○	○	○

○: Standard △: Available (case by case) ×: Not available

PIN	FUNCTION
#1,4,6	GND
#5	OUTPUT
#7	VCON
#8	VDD

VCTCXO