

# OCXO 36 x 27 mm Dip Type OC Series



## Features

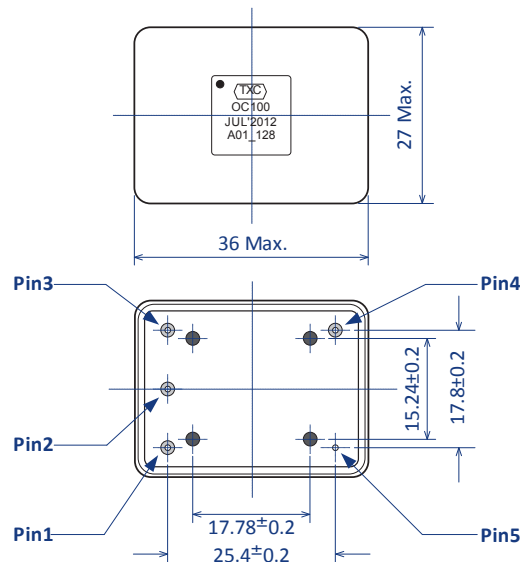
- For base station and wireless communication application.

## Electrical Specifications

Item / Type	OC
Dimension	36x27 mm Typ.
Nominal Frequency [#1]	10, 16.384MHz
Output Type [#2]	CMOS, Sinewave
Output Load	15pF, 50ohm Typ. [#3]
Supply Voltage (Vcc)	5V, 12V
Power Consumption	3.0 W Max. While Warm-Up 1.25 W Max. at Steady State
Warm-up Time	5 Minutes Typ.
Initial Tolerance	± 0.2 ppm Max.
Operating Temperature Range [#4]	- 10 to + 70 °C
Frequency Stability vs. Operating Temperature Range	± 3 to ± 10 ppb Max.
Frequency Stability vs. Load Variation	± 5 ppb Max. for ± 5 % Variation
Frequency Stability vs. Supply Voltage Variation	± 5 ppb Max. for ± 5 % Variation
Aging	<± 80 ppb / year
Control Voltage Range (Vc) [#5]	0 to 4 V
Frequency Pulling Range	± 1.0 ppm Typ.
Linearity	10% Max.
Voltage Reference	Option : 4V Typ. [#6]
Phase Noise	1 Hz: < -80 dBc/Hz 100 Hz: < -140 dBc/Hz 10 kHz: < -150 dBc/Hz -165 dBc/Hz low floor option

- [#1] Contact sales agent for other frequency requirement  
 [#2] Available output type: CMOS for all series, Sinewave for OB & OC series  
 [#3] Available load: 15pF Typ. for CMOS and 50ohm Typ. for Sinewave output  
 [#4] Contact sales agent for other temperature range and stability requirement  
 [#5] Contact sales agent for other Vc range requirement  
 [#6] Contact sales agent for available option

## Dimensions



### Pin function:

- Pin 1: Vc
- Pin 2: N.C./Vref (Option)
- Pin 3: Vcc
- Pin 4: Output
- Pin 5: Ground

Units: mm