

Oven Controlled Crystal Oscillator (OCXO)



TCO-639E

Features

- Low profile
- Fast warm-up
- Low SSB phase noise
- Low power consumption

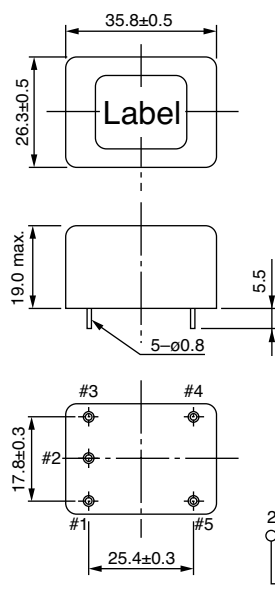
Application

- Base Station
- Measurement system

Specifications

Type		TCO-639E
Frequency		5 MHz, 6.4 MHz, 10 MHz, 13 MHz
Supply voltage		+12 V $\pm$ 10%
Stability vs Temperature		$\pm 1 \times 10^{-7}$ / -20 to +70 °C (Ref. at +25°C)
Stability vs Supply Voltage		$\pm 3 \times 10^{-8}$ / +12 V $\pm$ 10%
Aging		$\pm 2 \times 10^{-8}$ / day, $\pm 2 \times 10^{-7}$ / year
Warm-up		$\pm 5 \times 10^{-8}$ / within 5minutes (at +25°C)
Output level		TTL (Fanout-2)
Supply current	Warm-up	150 mA max.
	Steady state at 25°C	70 mA max.
Frequency adjustment		$\pm 1 \times 10^{-6}$ min. / by external potentiometer (10k Ω)
Weight		30 g max.

Package Outlines [Dimensions in mm]



Pin connections

#1-#2-#5	Frequency adjustment
#3	Vcc
#4	Output
#5	GND/case