

Temperature Compensated Crystal Oscillator (TCXO)



TCO-5839 Series

0.012cc TCXO

Features

- Ultra miniature size : 4.0(W) X 2.5(D) X 1.2(H)mm
- Surface mount

Application

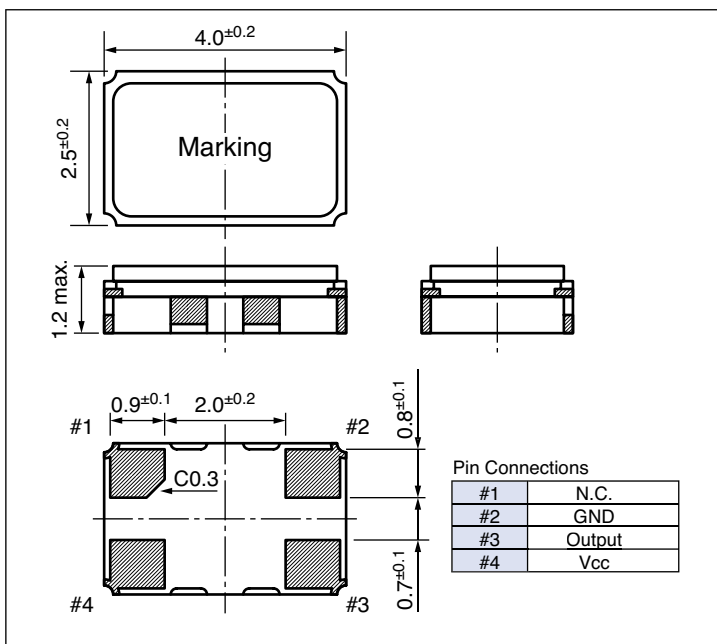
- Personal Cellular Phone
- GPS

Specifications

Type	TCO-5839
Frequency	12.6 to 30 MHz
Supply voltage	+3 V \pm 5 %
Supply current	2.0 mA max.
Output level	0.8 Vp-p min. (DC-coupled, clipped sinewave) 10 k Ω // 10 pF
Stability vs Temperature	\pm 2.0 ppm max. / -30 °C to +75 °C
Stability vs Supply voltage	\pm 0.2 ppm max. / +3 V \pm 5 %
Stability vs Load	\pm 0.2 ppm max. / (Load: 10 k Ω \pm 1 k Ω // 10 pF \pm 1 pF)
Frequency Tolerance	\pm 2.0 ppm max. / +25 °C \pm 2°C, after reflow
Aging	\pm 1.0 ppm max. / year

note)The above specifications are our standard. Upon request we offer proposal specifications separately.

Package Outlines [Dimensions in mm]



Footprint [Dimensions in mm]

