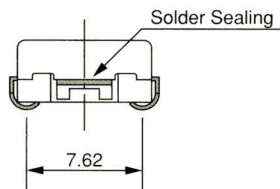
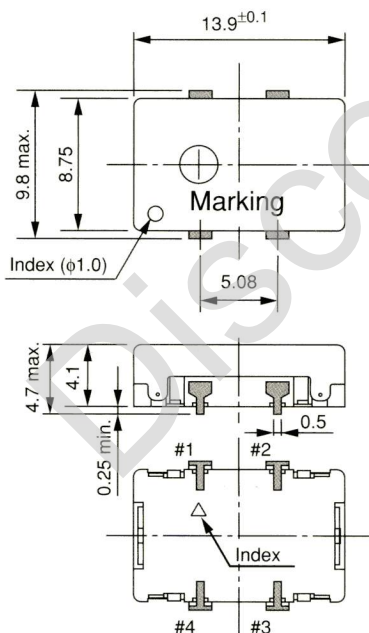


Product Data (VCXO)**TCO-2000 Series****Features**

- Surface mountable
- Wide frequency control range

**Specifications**

Type		TCO-2001A	TCO-2002A	TCO-2003A	TCO-2004A
Standard frequency		32.768, 44.736, 51.84, 77.76 MHz			
Supply voltage		+5 V±5%	+3.3 V±5%	+5 V±5%	+3.3 V±5%
Supply current		30 mA Max.			
Output level		TTL compatible / Fanout-2		CMOS / 15 pF Max.	
Frequency stability	vs Temperature	±30 ppm Max. / -40 to +85°C (referred to +25°C)			
	vs Supply voltage	±5 ppm Max. / +5 V±5%	±5 ppm Max. / +3.3 V±5%	±5 ppm Max. / +5 V±5%	±5 ppm Max. / +3.3 V±5%
	Aging	±5 ppm Max. / year			
	Frequency control range	±100 ppm Min. / +2.5 V±2 V	±100 ppm Min. / +1.65 V±1.65 V	±100 ppm Min. / +2.5 V±2 V	±100 ppm Min. / +1.65 V±1.65 V
	Frequency range	8 to 78 MHz			

External Dimensions [mm]

Pin connections

#1	Vcont
#2	GND
#3	Output
#4	Vcc

Footprint [mm]