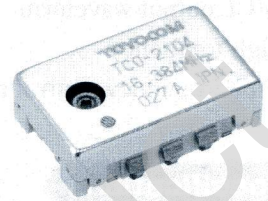


Product Data (VCXO)**TCO-2100 Series****Features**

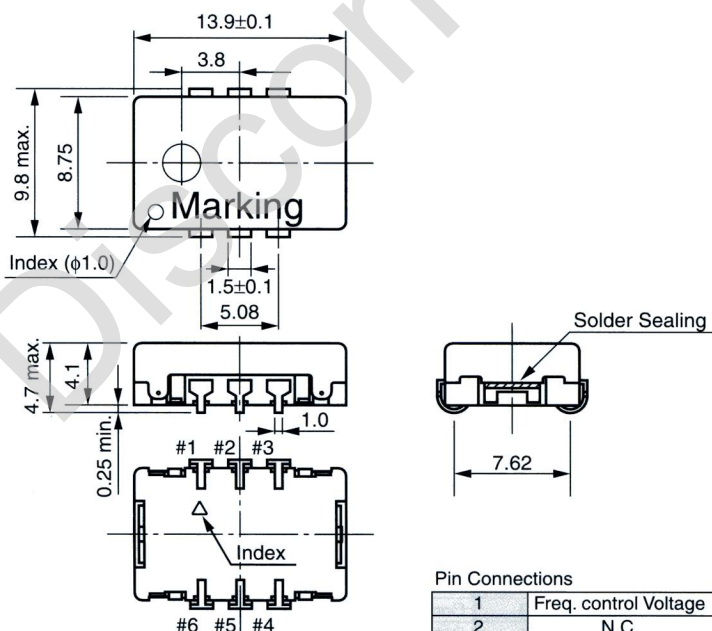
- TTL or CMOS output
- Surface mountable
- Wide frequency control range

**Specifications**

TYPE		TCO-2101A	TCO-2103A	TCO-2104A
Standard frequency		32.768, 44.736, 51.84 MHz		
Supply voltage		+5.0V±5%		+3.3V±5%
Supply current		30 mA Max.		
Output level		TTL	CMOS	
Load		Fanout-2	15pF Max.	
Frequency stability	vs Temperature	±30 ppm Max./−40℃ to +85℃ (referred to +25℃)		
	vs Supply voltage	±5.0 ppm Max./+5.0V±5%		±5.0 ppm Max./+3.3V±5%
	Aging	±5.0 ppm Max./year		
Frequency control range		±100 ppm Min.		
Frequency control voltage		+2.5V±2.0V		+1.65V±1.65V
Available frequency range		8 ~ 78 MHz		

Outline Drawing [mm]

[TCO-2101A, 2103A, 2104A]



Pin Connections

1	Freq. control Voltage
2	N.C.
3	Common and Case
4	Output
5	N.C.
6	Supply Voltage