

TCXO

TG-3541CE



Product Number
TG-3541CE : X1B000351xxxx00

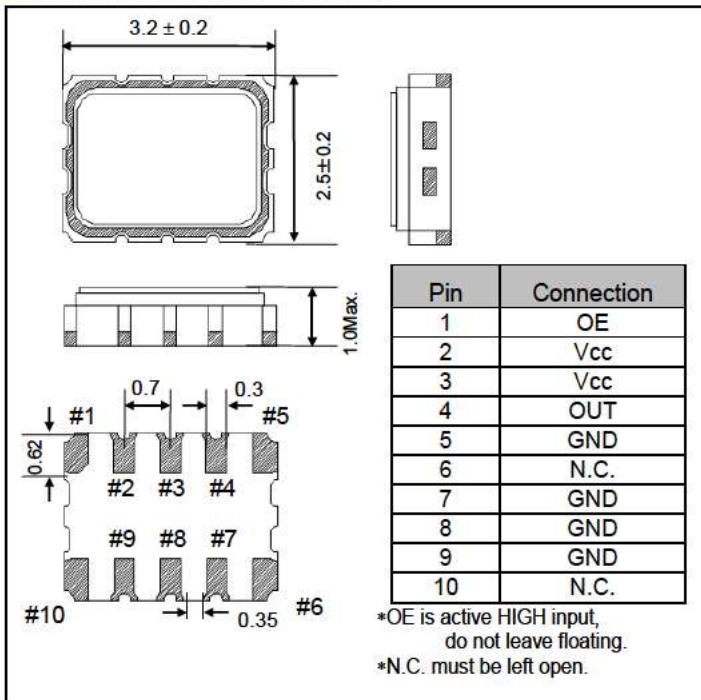


- Output frequency : 32.768 kHz
- Built-in 32.768 kHz-DTCXO
- Supply voltage : 1.5 V to 5.5 V
- Frequency tolerance :
- XA
 - ± 3.4 × 10⁻⁶ / -40 °C to +85 °C
 - ± 8.0 × 10⁻⁶ / +85 °C to +105 °C
- XB
 - ± 5.0 × 10⁻⁶ / -40 °C to +85 °C
 - ± 8.0 × 10⁻⁶ / +85 °C to +105 °C

Specifications (characteristics)

Item	Symbol	Specifications	Conditions	
Output frequency range	Fo	32.768 kHz		
Supply voltage	VCC	1.5 V to 5.5 V		
Storage temperature	T_stg	-55 °C to +125 °C		
Operating temperature	T_use	-40 °C to +105 °C		
Frequency tolerance	f_tol	XA	±3.4 × 10 ⁻⁶	Ta = -40 °C ~ +85 °C
			±8.0 × 10 ⁻⁶	Ta = +85 °C ~ +105 °C
		XB	±5.0 × 10 ⁻⁶	Ta = -40 °C ~ +85 °C
			±8.0 × 10 ⁻⁶	Ta = +85 °C ~ +105 °C
Current consumption	Icc	1.0 μA Typ./3.0 μA Max.	No load condition, Vcc = 3.0 V	
Disable current	I_dis	1.5 μA Max.	OE=GND, Vcc = 3.0 V	
Symmetry	SYM	40 % to 60 %	50 % Vcc level	
Output voltage	VOH	80 % Vcc Min.	IOH=-0.5 mA, Vcc=3.0 V	
	VOL	20% Vcc Max.	IOL=0.5 mA, Vcc=3.0 V	
Output load condition(CMOS)	L_CMOS	30 pF Max.		
Start-up time	t_str	1 s Max.	Ta= +25 °C, Vcc=1.5 V to 5.5 V	
Frequency aging	f_aging	±3 × 10 ⁻⁶	Ta= +25°C, Vcc=3.0 V, first year	

External dimensions (Unit:mm)



Frequency temperature characteristics

