OH Type Crystal Oscillator

FEATURE

RoHS Compliant Optional

1. Typical 12.8X12.8X5.0 mm standard package.
2. Compatible with 8-Pin dual in line.
3. CMOS circuit TTL/CMOS compatible.
4. Hermetically sealed metal case and high reliability.
5. Case ground for minimizing RF radiation.
6. Tight symmetry (45 to 55%) available.
7. Packing: 40 pcs per Tube; 50pcs per Tray.

ORDERING INFORMATION

O | XO	H | Package (mm)	T | Supply Voltage(V) & Pin Form	T | Tri-State Function	D | Freq. Stability (ppm)	C | Temp. Range (°C)	J | Output Logic and Symmetry		—	N | Appearance	F | Lead Free	—	? | Freq.(MHz)
	12.8x12.8	T: 5,Through Hole G: 5,Gull Wing E: 2.8~3.3 Through Hole F: 2.8~3.3Gull Wing J: 2.5 K:1.8	T:Fixed-Freq with Tri-State	C: ± 20 D: ± 25 G: ± 50 H: ±100	C: -20~+70 D: -30~+80 L: -40~+85		50±5%		N:Normal	F:RoHS Compliant L:Not RoHS Compliant		xx.xxxxxx
						TTL	A					
						TTL 50pF	E					
						CMOS 15pF	J					
						CMOS 50pF	F					

Ordering Example: OHTTDCJ-NF-14.318180 MHz

XO H-TYPE; V_{DD}: 5V; Fixed-Freq. with Tri-State; Freq. Stability: ±25ppm; Temp. Range: -20°C to +70°C; Load: CMOS 15pF, Symmetry: 50±5%; Normal Appearance; RoHS Compliant; Freq. 14.318180MHz.

ELECTRICAL SPECIFICATION

Parameter	5V±10%	3.3V±10%
Frequency Range (MHz)	1 ~ 110	1 ~ 156
Operating Temp. Range (°C)	Refer to Ordering Information	
Frequency Stability *	Refer to Ordering Information	
Supply Current (mA) Max.		
1.0MHz≦Fo＜20MHz	15	10
20MHz≦Fo＜50MHz	40	30
50MHz≦Fo＜70MHz	50	40
Transition Time⁺ :Rise/Fall Time (ns) Max.		
1.0MHz≦Fo＜20MHz	8	10
20MHz≦Fo＜50MHz	5	6
50MHz≦Fo＜156MHz	4	5
Storage Temp. Range (°C)	-55 ~ +125	

FREQ. STABILITY vs. TEMP. RANGE

Temp.(°C) \ ppm		D:±25	G:±50	H:±100
C	-20～ +70	○	○	○
D	-30～ +80	○	○	○
L	-40～ +85	○	○	○

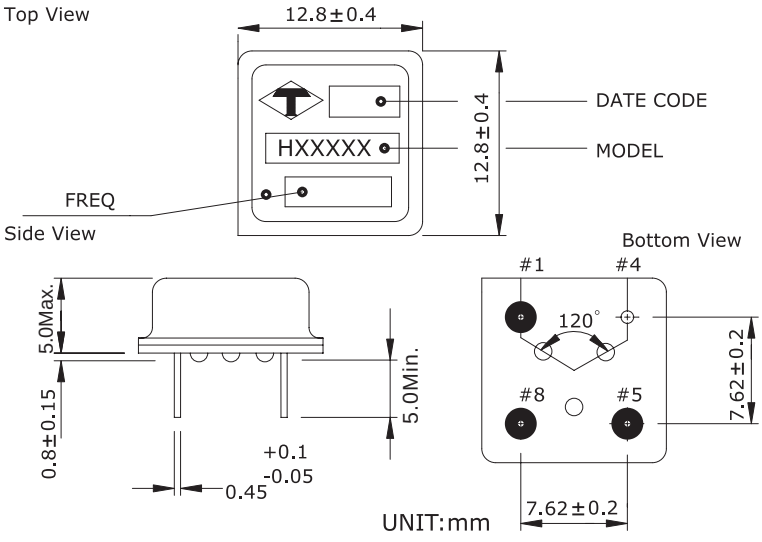
○:Standard

←

* Inclusive of calibration @ 25°C, operating temperature range, input voltage variation, load variation, aging, shock, and vibration.

⁺ Transition times are measured between 10% and 90% of V_{DD}, with a output load of 15pF.

OUTLINE DRAWING



Pin \ MODEL	HXTXXX
#1	Tri-State
#4	CASE GND
#5	Output
#8	V_{DD}

*Contact Sales@taitien.com.tw for special request.