OF Type Crystal Oscillator

RoHS Compliant Optional

FEATURE

1. TYPICAL 20.4X12.8X5.0mm standard package.
2. Compatible with 14-pin dual in line.
3. HCMOS 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. High frequency range,0.001MHz~156MHz.
8. Packing: 25 pcs / Tube.

ORDERING INFORMATION

O	F	T	T	D	C	J			A	N	L	_	?
XO	Package (mm)	Supply Voltage(V) &pin Form	Tri-State Function	Freq. Stability (PPM)	Temp. Range (°C)	Output Logic and Symmetry			Oscillator Mode	Appearance	Marking	Dash	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	J:Fix-Freq Without Tri-State K:Fixed-Freq With Tri-State	D: ±25 G: ±50 H: ±100	C: -20～+70 D: -30～+80 L: -40～+85		50±5%	50±10%	A:AT Fundamental T:AT3rd Overtone	N : Normal	L:Laser Marking F:Laser Marking (RoHS compliant standard)		xx.xxxxxx
						TTL	A	B					
						TTL 50pF	E	R					
						CMOS 15pF	J	K					
						CMOS 50pF	F	G					

Ordering example: OFTTDCJANL-14.318180 MHz

VCC: 5V Through Hole, Fixed-Frequency with Tri-State, Frequency Stability: ±25ppm, -20℃ to +70℃. Load: CMOS 15pF, Symmetry: 50±5%.AT fundamental, Laser Marking, Freq. 14.31818MHz

ELECTRICAL SPECIFICATION

Parameter	5V±10%	3.3V±10%
Frequency range(MHz)	0.001~110	1~156
Operating Temp.range(℃)	Refer to Ordering Information	
Frequency Stability*	Refer to Ordering Information	
Supply Current(mA)max).		
0.001MHz≦Fo<1.0MHz	10	
1.0MHz≦Fo<20MHz	15	10
20MHz≦Fo<50MHz	40	30
50MHz≦Fo<156MHz	50	40
Transition Time+ Rise/Fall Time (ns)max,		
0.001MHz≦Fo<1.0MHz	10	
1.0MHz≦Fo<20MHz	8	10
20MHz≦Fo<50MHz	5	6
50MHz≦Fo<100MHz	4	5
100MHz≦Fo≦156MHz	—	3
Storage Temp.Range(℃)	-55~+125	

FREQ. STABILITY vs. TEMP.RANGE

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

○:Standard

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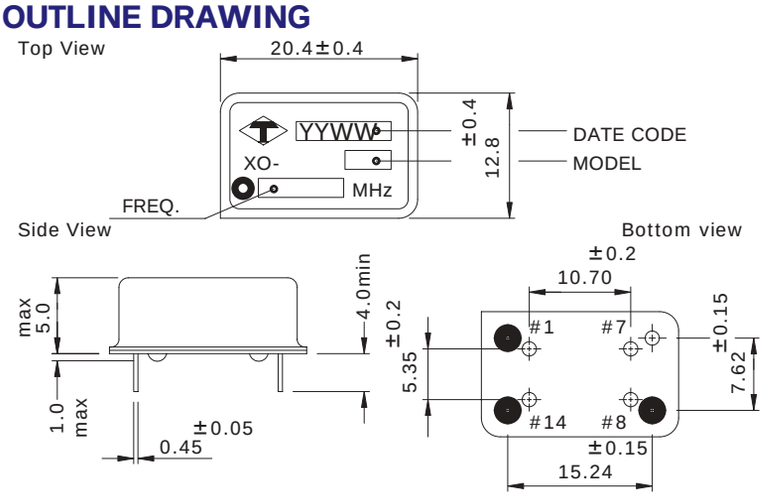
＊Inclusive of calibration at 25℃, operating temperature range, input voltage variation, load variation, aging, shock,and vibration.

＋Transition times are measured between 10% and 90% of VDD, with a output load of 15pF.

OUTLINE DRAWING



PIN \ MODEL	HXFXXX	HXTXXX
#1	NC	3-State
#7	CASE GND	
#8	Output	
#14	VDD	

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