OF Type Precision Crystal Oscillator

RoHS Compliant Optional

FEATURE

1.Typical 20.4 x 12.8 x 7.0mm standard package.
2.Tight frequency stability (±10ppm).
3.Compatible with 14-Pin dual in line.
4.CMOS circuit TTL/CMOS compatible.
5.Hermetically sealed metal case and high reliability.
6.Case ground for minimizing RF radiation.
7.Tight symmetry (45 to 55%) available.
8.Packing: 25 pcs per Tube.

ORDERING INFORMATION

O | XO	F | Package (mm)	T | Supply Voltage(V) & Pin Form	K | Tri-State Function	C | Freq. Stability (ppm)	C | Temp. Range (°C)	J | Output Logic and Symmetry			— Dash	N | Appearance	F | Lead Free	— Dash	? | Freq.(MHz)
	20.4x12.8	T: 5,Through Hole G: 5,Gull Wing E:3.3,Through Hole F: 3.3,Gull Wing	K:Fixed-Freq with Tri-State	C: ±20 B#:±10(Not Available -40°C~85°C #Inclusive of calibration at 25°C,opera tion temp,range	C: -20~+70 D: -30~+80 L: -40~+85		50±5%	50±10%		N:Normal	F:RoHS Compliant L:Not RoHS Compliant		xx.xxxxxx
						TTL	A	B					
						TTL 50pF	E	R					
						CMOS 15pF	J	K					
						CMOS 50pF	F	G					

Ordering Example: OFTKCCJ-NF-14.318180 MHz

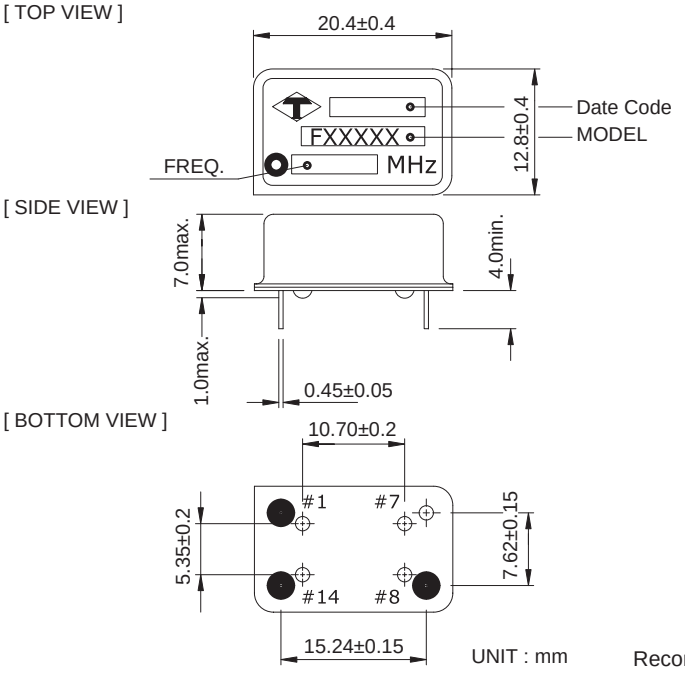
XO F-TYPE; V_{DD}: 5V; Fixed-Freq. with Tri-State; Freq. Stability: ±20ppm; Temp. Range: -20°C to +70°C; Load: CMOS 15pF, Symmetry: 50±5%. Normal Appearance; RoHS Compliant; Freq. 14.318180MHz.

FREQ. STABILITY vs. TEMP. RANGE

Temp.(°C) \ ppm		B:±10	C:±20
C	-20 ~ +70	○	○
L	-40 ~ +85	X	○

○ :Standard X: Not available

OUTLINE DRAWING



Pin \ MODEL	FXJXXX	FXKXXX
#1	NC	3-State
#7	CASE GND	
#8	Output	
#14	V_{DD}	

UNIT : mm

Recommended soldering pattern

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

ELECTRICAL SPECIFICATION

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

* 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.