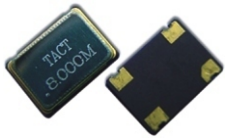
C Type XO

ROHS Compliant Standard

TACT 泰和特

FEATURE

1、7.5×5.0×1.2mm SMD package.
2、Tight symmetry(45 to 55%) available.



Numbering system

OC □ □ □ □ □

Supply Voltage
- C:5V
- E:3.3V

Output Logic and symmrtry

	TTL	TTL 50pF	CMOS 15pF	CMOS 50pF
50±5%	A	E	J	F
50±10%	B	R	K	G

Tri-State Function
- F:Fixed-Frequency Without Tri-State
- T:Fixed-Frequency With Tri-State

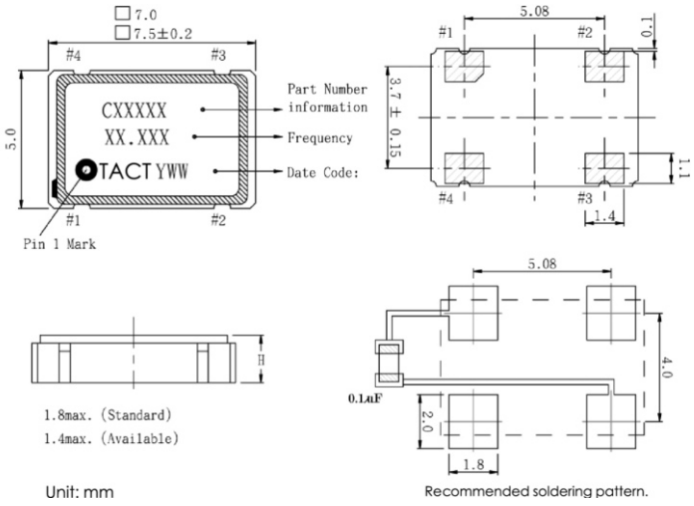
Temperature Range
- B:0℃ to +55℃
- I:-10℃ to +60℃
- C:-20℃ to +70℃
- L:-40℃ to +85℃

Frequency Stability
- D:±25ppm
- G:±50ppm
- H:±100ppm

XO

SPECIFICATION

Parameter	5v±10%	3.3±10%
Frequency range(MHz)	1.5～125	
Operating Temp. range(℃)	Refer to Numbering System	
Frequency Stability *	Refer to Numbering System	
Supply Current(mA) max.		
1.5MHz≤Fo<20MHz	10	7
20MHz≤Fo<50MHz	30	20
50MHz≤Fo<125MHz	40	30
Transition Time+: Rise/Fall(ns) max.		
1.5MH≤Fo<20MHz	8	10
20MH≤Fo<125MHz	5	6
Storage Temp. Range(℃)	-40～+125	



*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 an output load of 15pF.

FBEQ. STABILITY VS. TEMP. PANGE

Temp(. c) \ PPM		D:±25	G:±50	H:±100
B	0～+55	○	○	○
I	-10～+60	○	○	○
C	-20～+70	○	○	○
L	-40～+85	×	○	○

○:Standard △:Available(case by case) ×:Not available

PIN	FUNCTION
#1	N.C./3-STATE
#2	GND
#3	OUTPUT
#4	VDD