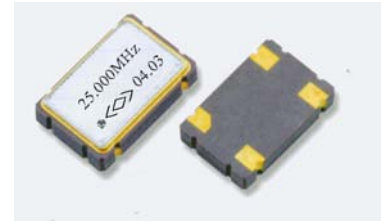




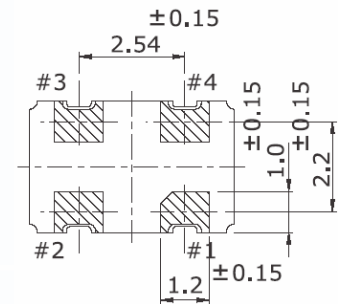
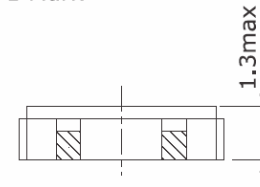
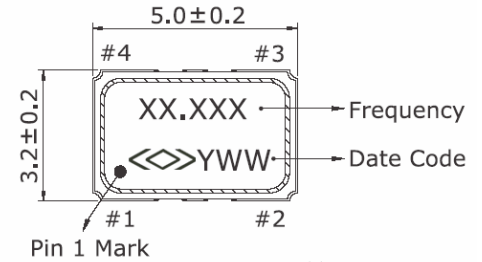
# Surface Mount Crystal Oscillators --XO-5032

## SPECIFICATIONS:

Frequency Range	1.5MHz~75MHz	
Frequency Tolerance @ 25°C	±50ppm (Standard)	
Frequency Stability Over Temp.	±50ppm (Standard)	
Operating Temperature	-10°C~60°C (Standard)	
Storage Temperature	-45°C~+125°C	
Supply Voltage (±10%VDC)	5.0V	3.3V
Supply Current (mA max):		
1.5MHz≤F<20MHz	10	7
20MHz≤F<50MHz	30	20
50MHz≤F<70MHz	40	30
70MHz≤F≤75MHz	40	30
Rise/Fall Time (ns max):		
1.5MHz≤F<20MHz	8	10
20MHz≤F<50MHz	5	6
50MHz≤F<70MHz	2	3
70MHz≤F≤75MHz	2	3
Output Level	Logic"1" : 90%VDC min	
	Logic"0" : 10%VDC max	
Start-up Time	8 ms (max)	



5.0×3.2×1.2mm



## Output Load and Symmetry

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

\*Not available, if frequency>70MHz and V<sub>DD</sub>=5.0V

## Temperature Range and Stability

	±20ppm	±25ppm	±50 ppm	±100 ppm
A0=0~55	○	○	○	○
A1=-10~+60	○	○	○	○
A2=-20~+70	※C	○	○	○
A3=-30~+75	—	※C	○	○
A4=-40~+85	—	—	○	○

※C: Available case by case

## ORDRE OPTION:

Type	Freq.	Supply Voltage (V)	Freq. Tolerance (ppm)	Freq. Stability (ppm)	Operating Temp. (°C)	Output Load & Symmetry	Tri-state Function	Package
XO-5032	1.5MHz ~ 75MHz	V5 = 5.0±10%VDC V3 = 3.3±10%VDC	±20 ±25 ±50 ±100	±20 ±25 ±50 ±100	A0 = 0~+50 A1 = -10~+60 A2 = -20~+70 A3 = -30~+75 A4 = -40~+85	A, H, J, F, B, R, K, G	E = Tri-state	T = tape&reel

i.e. : XO-5032- 24V5 – 50/50-A2 - H-E-T

PIN	Function
#1	NC/Tri-State
#2	GND
#3	Output
#4	VDD

UNIT:mm