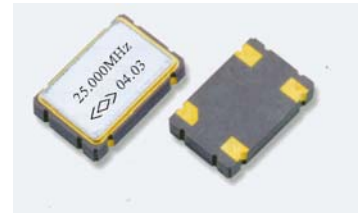




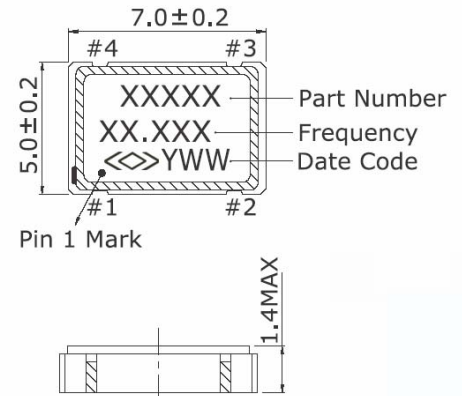
Quartz Crystal Oscillators --- XO-7050

SPECIFICATIONS:

Frequency Range	1.5MHz~125.0MHz	
Frequency Tolerance @25°C	±50ppm (Standard)	
Frequency Stability Over Temp.	±50ppm (Standard)	
Operating Temperature	-10°C~+60°C (Standard)	
Storage Temperature	-40°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≤125MHz	40	30
Rise/Fall Time (ns max):		
1.5MHz≤F<20MHz	8	10
20MHz≤F<125MHz	5	6
Output Level	Logic"1" : 90%Vdc min Logic"0" : 10%Vdc max	
Start-up Time	8 ms (max)	



7.0×5.0×1.8/1.4 mm



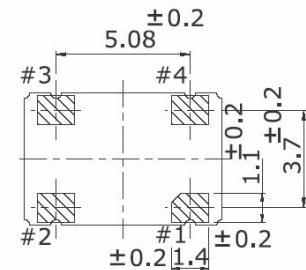
Output Load and Symmetry

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

*Not available, if frequency>70MHz and V_{DD}=50.V

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	—	—	○	○



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

UNIT:mm

ORDRE OPTION:

Type	Frequency (MHz)	Supply Voltage (V)	Freq. Tolerance (ppm)	Freq. Stability (ppm)	Operating Temp. (°C)	Output Load & Symmetry	Tri-state Function	Package
XO-7050	1.5MHz ~ 125.0 MHz	V5 = 5.0±10%Vdc V3 = 3.3±10%Vdc	±20 ±25 ±50 ±100	±20 ±25 ±50 ±100	A0 = 0~+55 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-7050-24V5-50/50-A1 -B-E-T