



RoHS Compliant

Features

- Output frequency of 12 to 40MHz is available
- Clock crystal oscillator for industrial equipment

Standard frequency

- 27MHz

How to Order

FO 27.0000000 M 08001AH

① ② ③ ④

- ① Function
CXO→FO
- ② Output Frequency
- ③ Frequency Unit
M→MHz
- ④ Individual Specification

Frequency tolerance (Figure 1)

Model	Frequency tolerance ($\times 10^{-6}$)	Individual Specification
CXO-328A	± 50	08001AH
CXO-328B	± 20	08002AH

Specifications

Item	Symbol	Conditions	Min.	Max.	Units
Frequency Range	f_o	—	12	40	MHz
Frequency tolerance	f_{tol}	Initial tolerance and Temperature characteristic	Figure 1		$\times 10^{-6}$
Storage Temperature Range	T_{stg}	—	-20	+85	$^{\circ}\text{C}$
Operating Temperature Range	T_{use}	—	-10	+70	$^{\circ}\text{C}$
Supply Voltage	Vcc	—	4.75	5.25	V
Current Consumption	Icc	—	—	20	mA
Frequency Aging	f_{age}	1 year	-5	+5	$\times 10^{-6}$
TTL Load	Load_TTL	—	—	2	—
Low Level Output Voltage	VOL	—	—	0.4	V
High Level Output Voltage	VOH	—	2.4	—	V
Symmetry	Symmetry	@ 1.4V	30	70	%

Dimensions

(Unit: mm)

