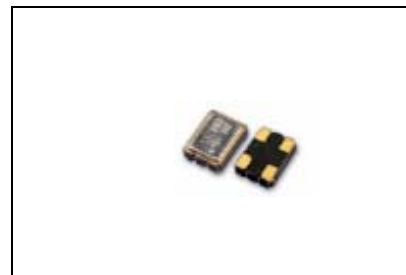


Type CXO-05X smd clock oscillator (1.0 ~ 80.0)MHz

- # (2.5 x 2.0)mm, height 0.9mm, smd
- # Tight symmetry (45~55%) available
- # RoHS Compliant



Electrical Specification

Case Style

Type CXO-05X: (2.5 x 2.0)mm, height 0.9mm

Frequency range

(1.0~80.0)MHz

Frequency tolerance at +25°C ±5°C

±(15~100)ppm, temperature range dependent

Supply voltage

+1.8V±0.1 ~ +3.3V±0.1

Operating temperature

(-10+60) °C	(-20+70) °C	(-40+85)°C
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Frequency stability (ref to +25°C)

±15ppm	±20ppm	±30ppm
±30ppm	±30ppm	±50ppm
±50ppm	±50ppm	±100ppm
±100ppm	±100ppm	

Current consumption

5mA typical at 20.0MHz @3V
 8mA typical at 50.0MHz @3V
 Frequency and voltage dependent

Output

CMOS, TTL

Symmetry

(40~60)% ~ (45~55)%

Storage temperature

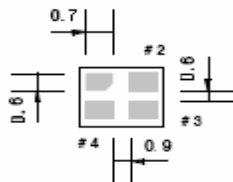
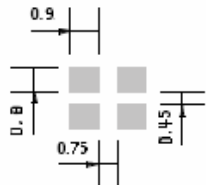
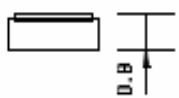
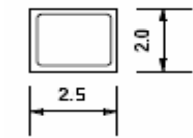
(-40 ~ +85)°C

Ordering Information

CXO-05X **25.0M** **E** **F** **G** **C** **K**
 (1) (2) (3) (4) (5) (6) (7)

- (1) **Type....** CXO-05X: (2.5 x 2.0)mm, height 0.9mm
 (2) **Frequency** 25.0MHz, frequency range from (1.0 ~ 80.0)MHz
 (3) **Supply voltage** : **E:** +3.3V, **J:**+2.5Vdc, **K:** +1.8Vdc
 (4) **Tristate** **F:** fixed frequency, **T:** tri-state function on pin #1
 (5) **Frequency stability ...** .**P:** ±15ppm, **C:** ±20ppm, **E:** ±30ppm,, **G:** ±50ppm, **H:** ±100ppm
 (6) **Temperature range** **I:** (-10+60)°C, **C:** (-20+70)°C, **L:** (-40+85)°C
 (7) **Output logic and symmetry** **A:** TTL (45~55%), **B:** TTL (40~60%), **J:** CMOS 15pF (45~55%), **K:** CMOS 15pF (40~60%)

CXO-05X dimensions(mm)



Pin viewed from bottom

Pin#1 output inhibit/N.C.
 Pin#2 ground
 Pin#3 output
 Pin#4 Vcc

Output inhibit:

Pin#1 high: output oscillation
 Pin#1 low: output high impedance