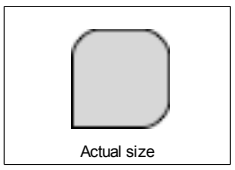
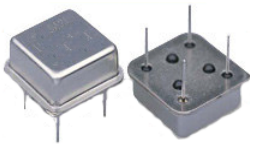
CALTRON DEVICE LTD. CXO-H

Research for Frequency Control...

TTL/CMOS Crystal Oscillator
12.8 x 12.8 x5.0mm Half size (8 pin DIP)
1.0MHz – 125.0MHz

Description
The CXO-H series of DIP-8 Half size compatible crystal oscillators in a hermetical-sealed metal package. The oscillators provide a reliable source of clock signals with low unit cost.

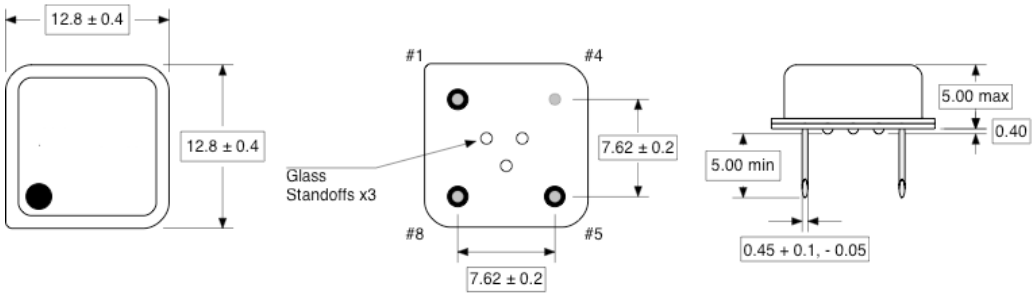




Features
Standard 8pin DIP package
TTL/CMOS compatible
Hermetically sealed case with High Reliability.
Tight Symmetry (45/55%) available.
Packing: 50pcs per tube
RoHS Compliant Product

Typical Applications
Test Board, Graphic Printer,
DECT, Luxury Hifi,
WiMax, WLAN

Outlines & Dimensions (mm)



Pin	Function
#1	Tri-state
#4	Case Gnd
#5	Output
#8	V_{DD}

Electrical Specifications

Parameter	5.0V		3.3V		Unit
	Min.	Max.	Min.	Max.	
Supply Voltage Variation (V_{DD}) 10%	4.5	5.5	2.97	3.63	V
Frequency Range	1	40	1	125	MHz
Supply Current					
1.0 MHz ≤ F_O < 20 MHz	-	15	-	10	mA
20 MHz ≤ F_O < 50 MHz	-	40	-	30	
50 MHz ≤ F_O	-	50	-	40	
Transition Time: Rise / Fall time					
1.0 MHz ≤ F_O < 20 MHz	-	8	-	10	nS
20 MHz ≤ F_O < 50 MHz	-	5	-	6	
50 MHz ≤ F_O	-	4	-	5	
Aging	-	±3	-	±3	ppm 1st year
Operating Temp. Range	0	+70	0	+70	℃
Storage Temp Range	-55	+125	-55	+125	

ECHA REACH

Specifications subject to change without notice.

lead-free

RoHS COMPLIANT

CALTRON DEVICES LTD.

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