

MHZ THRU-HOLE OSCILLATOR

MAIN FEATURE

- Wide Frequency range • 1.8V, 2.5V, 3.3V, 5.0V option

RFQ

Request For Quotation



APPLICATION

- IT Applications and more • Telecommunications



L13.2*W13.2*H5.08mm

STANDARD SPECIFICATION

Parameter	Value			Unit	Condition	
	Min.	Type	Max.			
Supply Voltage	-	5.0	-	V	see p/n guide or Specify	
Frequency Range	0.5		155.00	MHz	see p/n guide or Specify	
Overall Freq. Tolerance	-	±50		ppm	see p/n guide or Specify	
Operating Temp. Range	-40	-	+85	°C	see p/n guide or Specify	
Output	VOH	90%	-	V	@90% x VDD	
	VOL	-	-	10%	V	@10% x VDD
	Load	-	15	-	pF	see p/n guide or Specify
Enable/Disable Function:	-	Tri-State	-		@ Control via pin 1 or see p/n guide	
Symmetry	45	-	55		see p/n guide or Specify	
Startup Time	-	-	10	ms		
Supply Current	-	-	35	mA	Subject to different frequency range	
Rise/ Fall time	-	-	10	ns		
Storage Temperature Range	-55	-	+125	°C		
Aging per year	-	±5		ppm		

PART NUMBER GUIDE

Example: CO851BGH05 BLF-48M000

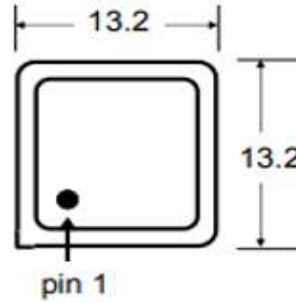
CO8	5	1	B	G	H	05	B	LF	XX	- 48M000
1	2	3	4	5	6	7	8	9	10	11

- 1) CO8: MHz Thru Hole Oscillator, Full size, L13.2*W13.2*H5.08mm
- 2) 5: Supply Voltage, 5: 5.0V; 3: 3.3V; 2: 2.5V; 1: 1.8V
- 3) 1: Enable/Disable Function, 1: Tri-state Via Pin 1; 0: N/A
- 4) B: Overall Frequency tolerance, A:+/-25ppm; B: +/-50ppm; C: +/-100ppm; J:+/-20ppm or Specify
- 5) G: Operating Temp. Range, D:0~70 °C; E: -10 ~+60°C; F: -20 ~+70 °C; G: -40 ~+85 °C or Specify
- 6) H: Symmetry H: 40/60; I: 45/55
- 7) 05: Output Load: 00: 1-10TTL//15pF; 01:HCMOS//15pF; 03: HCMOS//30pF; 05: HCMOS//50pF or Specify
- 8) B: Package in Bulk, 40pcs/Plastic Tube
- 9) LF: RoHS Compliant
- 10) XX: Intenal Control Code, 2 letter or digits; Blank: N/A
- 11) 48M000: Frequency Range 48.000MHz or specify

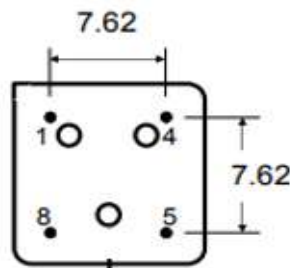
MHZ THRU-HOLE OSCILLATOR

DIMENSION (Unit: mm)

Top View



Bottom View



Pin Function

- #1 Enable(Tri-State)/Disable
- #4 Ground
- #5 Output
- #8 VDC

Side View

