14/8 Pin DIP Clock Oscillator – TTL/HCMOS

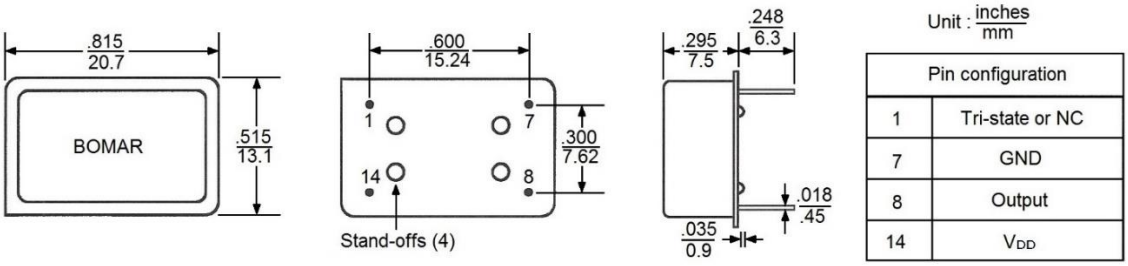
This oscillator series is available in TTL/HCMOS, CMOS or TTL logics with voltages of either 3.3V or 5.0V. All Bomar oscillators meet the stringent testing for RoHS compliance.

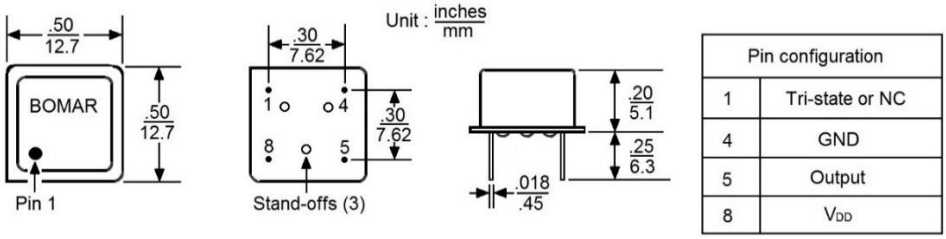
Features

- 14 or 8 Pin DIP available
- Pin 1 Fixed or Tri-State Enable/Disable
- Extended Temperature Available
- 3.3V_{DC} or 5.0V_{DC}

Standard Specifications:

Frequency Range	1.000 kHz – 800.000 MHz		
Frequency Stability	±10ppm to ±100ppm		
Temperature Range (Operating)	0º to +70ºC. - Standard // -40º to +85ºC. - Optional		
Temperature Range (Storage)	-55º to +105ºC.		
Supply Voltage	3.3V_{DC} or 5.0V_{DC}		
Current Consumption	1.000 kHz 15mA max.	40.000 MHz 30mA max.	800.000 MHz 100mA max.
Symmetry	40/60%		
Rise and Fall Time	10nS max.		
Logic "1"	TTL - 2.4V_{DC} min.	CMOS – 0.9V_{DD} min.	
Logic "0"	TTL - 0.4 V_{DC} max.	CMOS – 0.1V_{DD} max.	
Output Load	TTL – 1-10 TTL Gates	CMOS – 15pF	
Aging	±3ppm/1st year		





Part Numbering **Sample: B1450-AAMF-20.000000**

Output Logic	Freq. Stability (ppm)	Symmetry (Duty Cycle)	Temperature Range	Package Type	Package Style
B12 (TTL)	Actual stability	A = 40% to 60%	A = 0º to +70ºC.	M = Metal	F = 14 pin DIP
B13 (HCMOS)		B = 45% to 55%	D = -20º to +70ºC.		H = 8 pin DIP
B14 (Dual)			E = -40º to +85ºC.		

Options	Frequency (MHz)
Blank = 5.0VDC	Actual
3 = 3.3VDC	Frequency
T = Tri-state	

PO BOX 10, MIDDLESEX, NEW JERSEY 08846-0010 TEL. 732-356-7787 FAX 732-356-7362

www.bomarcrystal.com sales@bomarcrystal.com