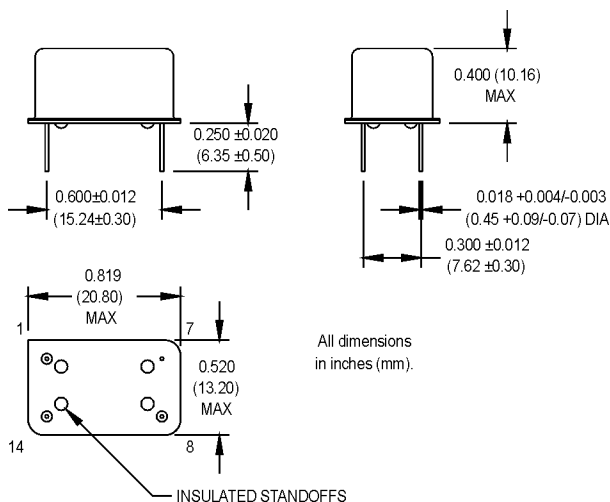


MAX1 Series MAXO Brand Digitally Assisted Temperature Compensated Crystal Oscillators



Ordering Information

Product Series	MAX1	1	P	V	A	D	00.0000 MHz
Temperature Range	1: 0°C to +70°C	2: -40°C to +85°C	6: -20°C to +70°C	8: 0°C to +50°C			
Stability	J: ±1 ppm	G: ±0.5 ppm	P: ±0.35 ppm	M: ±0.2 ppm	N: ±0.1 ppm	W: ±0.05 ppm	
Frequency Control (Pin #1)	V: ±2.5 ppm Typical for 0 VDC to 5.0 VDC						
Symmetry/Logic Compatibility	A: 40/60 CMOS/TTL B: 45/55 TTL C: 45/55 CMOS						
Package/Lead Configurations	D: DIP; Nickel Header						
Available Frequencies (customer specified)	5.000 MHz 10.000 MHz 19.440 MHz 20.000 MHz						

Pin Connections

PIN	FUNCTION
1	Control Voltage
7	Ground/Case
8	Output
14	+Vdd

	PARAMETER	Symbol	Min.	Typ.	Max.	Units	Condition	
Electrical Specifications	Frequency Range	F	(See Ordering Information)					
	Frequency Stability	$\Delta F/F$	(See Ordering Information)					
	Operating Temperature	T _A	(See Ordering Information)					
	Storage Temperature	T _s	-55		+105	°C		
	Input Voltage	V _{dd}	4.75	5.0	5.25	VDC		
	Input Current	I _{dd}						
	Environmental	Mechanical Shock	Per MIL-STD-202, Method 213, Condition C					
		Vibration	Per MIL-STD-202, Method 201 & 204					
Reflow Solder Conditions		260°C for 10 s max.						
Hermeticity		Per MIL-STD-202, Method 112 (1 x 10 ⁻⁸ atm.cc/s of helium)						
Solderability		Per EIAJ-STD-002						

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