



Full Size Clock Oscillators TTL/HCMOS Compatible



The XO-54 series oscillator is full size tri-state enable/disable control. The metal package with pin 7 case ground acts as shielding to minimize EMI radiation.

FEATURES

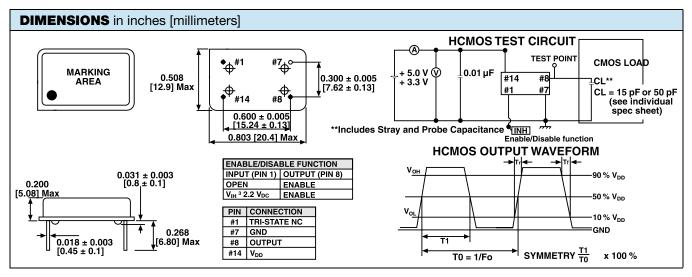
- Size: 14 pin full size
- Industry standard
- Wide frequency range
- Low cost
- Tri-state enable/disable
- · Resistance weld package
- 5 V
- Compliant to RoHS directive 2002/95/EC



VALUE	
1.000 MHz to 100.0	000 MHz
± 25 ppm, ± 50 ppm,	± 100 ppm
0 °C to 70 °C	C
- 40 °C to + 85 °C	(option)
- 55 °C to + 125	5 °C
5.0 V ± 10 %	6
± 5 ppm	
20 mA max	
30 mA max	
40 mA max	
z 60 mA max	
40 %/60 % (45 %/55	% option)
10 ns max.	
10 ns max.	
90 % V _{DD} mi	n.
10 % V _{DD} ma	ax.
1 TTL to 10 T	TL
to 50M: 50 p	F
to 70M: 30 p	F
to 100M: 15 p	ρF
10 ms max.	
pin 1 = H or open (output	. ,
pin 1 = H or ope pin 1 = L (hig	

Note

⁽¹⁾ Include: 25 °C tolerance, operating temperature range, input voltage change, aging, load change, shock and vibration



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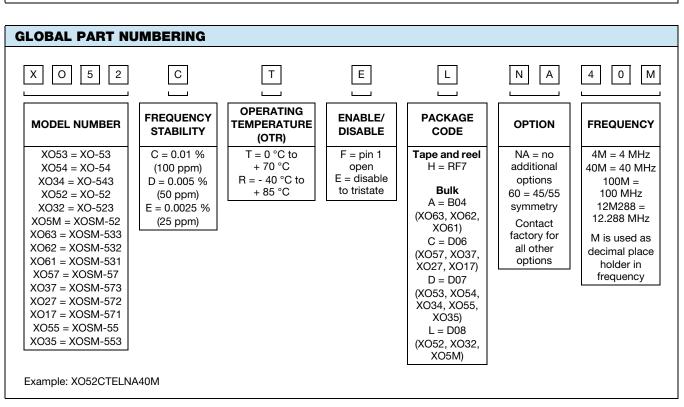
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ORDERING INFORMATION									
XO-54	В	R	E	40 M	e2				
MODEL	FREQUENCY STABILITY AA = 0.0025 % (25 ppm) A = 0.005 % (50 ppm) B = 0.01 % (100 ppm) standard	OTR blank = 0 °C to + 70 °C R = - 40 °C to + 85 °C	ENABLE/DISABLE blank = pin 1 open E = disable to tri-state	FREQUENCY/MHz	JEDEC LEAD (Pb)-FREE standard				

GLOBAL PART NUMBER								
X 0 5 4 MODEL	FREQUENCY STABILITY	T OTR	E ENABLE/ DISABLE	PACKAGE CODE	N A OPTIONS	FREQUENCY		





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