Sokol Crystal Products, Inc.

"Where the Impossible Becomes the Ordinary."

CRYSTAL CLOCK OSCILLATORS

Specifications

		X-Tal Osc. Ordering System
Output	**T**.TL or **C**.MOS	I. _____
Frequency Range	(100 KHz to 160 MHz)	II. _____
Operating Temperature Range		III. _____

OPTION	TEMP. RANGE	PPM	OPTION	TEMP. RANGE	PPM
A	–55°C to +125° C	±100	E	± 0°C to +70° C	± 25
B	–55°C to +125° C	± 50	F	± 0°C to +70° C	± 10
C	–40°C to + 85° C	±100	G	± 0°C to +50° C	± 5
D	–40°C to + 85° C	± 50			

Storage Cycle Range –55°C to +125°C

Duty Cycle IV. _____

OPTION	%	LOGIC
1	60/40	CMOS
2	55/45	CMOS

Note: TTL will always be 60/40% (max)

T-rise, T-fall 10.0 nS (max) 4 nS (typical)

Voh (min) TTL = 2.4V CMOS = –0.2V

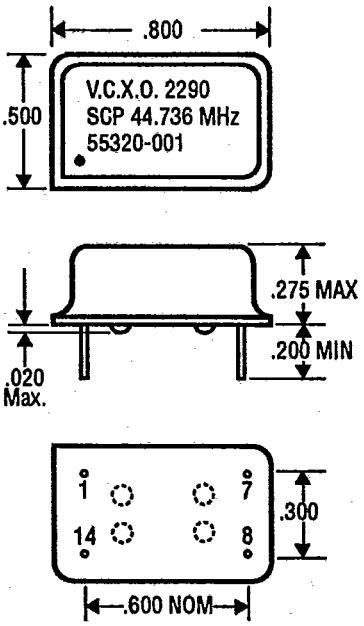
Vol (max) TTL = 0.5V CMOS = +0.2V

Supply Current (depends on frequency) _____ mA for _____ MHz
i.e. 50 mA (max) for 70 MHz
i.e. 25 mA (max) for 25 MHz

Supply Voltage ±5.0 vdc (±10%)

Crystal Clock Ordering System

I	II	III	IV
OUTPUT	FREQUENCY	TEMPERATURE	DUTY CYCLE
C	24M	F	2



Pin Configuration

1	N/C Custom Option
7	Gnd/Case
8	Output
14	+5 vdc

Available Custom Options

___ Higher Frequency

___ Dissimiliar Freq.
(i.e. Pin 1 40.00MHz)
(i.e. Pin 8 19.6608MHz)

___ Dual Output
(i.e. Pin 1 12.00MHz)
(i.e. Pin 8 6.00MHz)

___ Enable/Disable.

P/N_____

Example:
C24MF2

3001 Latham Drive, Madison, WI 53713, Phone (608) 273-0222, Fax (608) 273-0577
121 Water Street, P.O. Box 249, Mineral Point, WI 53565, Phone (608) 987-3363, Fax (608) 987-3882