Temperature Compensated Crystal Oscillator

TO501

- Excellent frequency stability
- Wide operating temperature range
- Clipped sine output, +5.0 VDC supply
- Tight specifications and an internal trimmer
- Suited for communications equipment, cellular radios, and instrumentation.

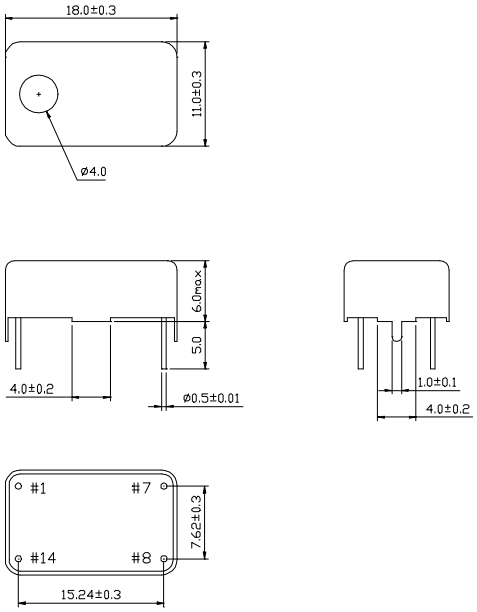
Specifications:

Frequency Range:	6.000000 MHz ~ 25.000000 MHz	
Operating Temperature:	0°C ~ +50°C	- A
	-10°C ~ +60°C	- B
	-20°C ~ +70°C	- C
	-30°C ~ +75°C	- D
Storage Temperature:	-40°C ~ +85°C	
Stability Vs. Temperature:	± 5.0 ppm	
	± 2.5 ppm	
	± 1.0 ppm	
Vs. Input Voltage:	± 0.5 ppm ± 5%	
Aging:	± 1.0 ppm max first year	
Output Level:	1.0 Vp-p min	
Output Waveform:	Clipped Sine	
Output Load:	10 KΩ, 10 pF	
Frequency Adjustment:	± 3.0 ppm min with internal trimmer	
Supply Voltage:	5.0 VDC (± 5%)	
Supply Current:	3.0 mA max	

Note:

1. Other frequencies, stabilities, and operating temperature ranges available. Consult VTC Support for specific requirements.
2. Not all combinations of the above, stabilities, and temperature ranges are available. Consult VTC Support if your requirement is not standard.
3. All specifications subject to change without notice.

TO-A



Pin	Configurations
1	VC or NG
7	Ground
8	Output
14	Supply

All dimensions are in mm

Ordering Information

Product name + Frequency + Operating Temperature + Stability + Other Specification Code.

i.e. TO501-10.8M-C-2.5