

**1. Copy on your copier      OR      3. Dial (814) 237-1431 ext. 3224      Fax (814) 237-1791  
2. Send us your specifications      4. Ask for Crystal Oscillator Marketing or Customer Service**

NAME \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 COMPANY \_\_\_\_\_ DEPARTMENT \_\_\_\_\_  
 STREET \_\_\_\_\_ PHONE \_\_\_\_\_ FAX/EMAIL \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Customer Specification Dwg. No. \_\_\_\_\_

**Frequency and Stability:**

Frequency \_\_\_\_\_

Stability All Conditions \_\_\_\_\_

Stability @ 25°C \_\_\_\_\_

$\Delta F$  \_\_\_\_\_ From \_\_\_\_\_ °C To \_\_\_\_\_ °C

$\Delta F$  \_\_\_\_\_ Vs  $\Delta B$  + \_\_\_\_\_ %

$\Delta F$  \_\_\_\_\_ Vs Time \_\_\_\_\_

25°C Setting Tolerance \_\_\_\_\_

Frequency Adjustment \_\_\_\_\_

**Power Supply:**

OSC \_\_\_\_\_  $\pm$  \_\_\_\_\_ at \_\_\_\_\_ mA

Oven \_\_\_\_\_  $\pm$  \_\_\_\_\_ at \_\_\_\_\_ mA

**Output Wave Form:**

Sine

Output Level \_\_\_\_\_

Harmonic Dist. \_\_\_\_\_ Subs \_\_\_\_\_

Spurious \_\_\_\_\_

Load \_\_\_\_\_

**Square:**

TTL       CMOS       ECL

Others \_\_\_\_\_

Rise Time \_\_\_\_\_ Fall Time \_\_\_\_\_

Measured From \_\_\_\_\_ to \_\_\_\_\_

Duty Cycle \_\_\_\_\_ at \_\_\_\_\_ level

Levels: Logic "0" \_\_\_\_\_ Logic "1" \_\_\_\_\_

Load: \_\_\_\_\_

Additional Comments: \_\_\_\_\_

**Environmental:**

Storage Temperature \_\_\_\_\_

Vibration \_\_\_\_\_

Shock \_\_\_\_\_

Moisture \_\_\_\_\_

Seal \_\_\_\_\_

Others \_\_\_\_\_

**Mechanical:**

Size \_\_\_\_\_

Termination \_\_\_\_\_

Additions \_\_\_\_\_

**VCXO (Freq. Control) Characteristics:**

Freq. Deviation \_\_\_\_\_

Linearity \_\_\_\_\_

Control Voltage \_\_\_\_\_

Input Impedance \_\_\_\_\_

Modulation Freq. \_\_\_\_\_

Response Slope \_\_\_\_\_

Special \_\_\_\_\_

Finish \_\_\_\_\_

Mounting \_\_\_\_\_

Special Notes: \_\_\_\_\_

Cost vs. Performance Trade Off: \_\_\_\_\_

Application: \_\_\_\_\_

Estimated Annual Usage: \_\_\_\_\_ Target Price: \_\_\_\_\_