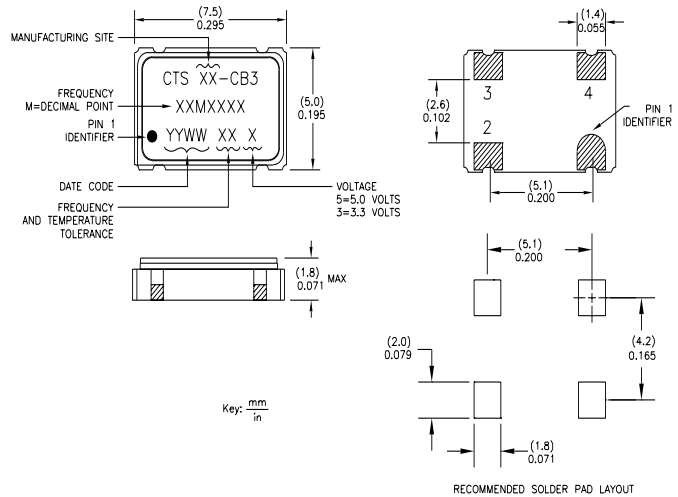


### Pad Connections

| PAD | FUNCTION      |
|-----|---------------|
| 1   | Output Enable |
| 2   | Cover/CKT GND |
| 3   | Output        |
| 4   | Vcc           |

### Tristate Truth Table

| Pin 1 (Enable)        | Pin 3 (Output)        |
|-----------------------|-----------------------|
| Floating (No Connect) | Enabled (Oscillating) |
| Logic 1               | Enabled (Oscillating) |
| Logic 0               | Disabled (Tristate)   |



### Environmental Characteristics:

Storage Temperature: ..... -55°C to +125°C  
 Temperature Cycle: ..... 25 cycles, -55°C to +125°C  
 per MIL-STD-883, Method 1010  
 Mechanical Shock ..... 1500g's, 0.5mS,  
 3 shocks per direction,  
 per MIL-STD-883, Method 2002  
 Sinusoidal Vibration: ..... 0.06" D.A., 10 to 55 Hz and  
 30g's, 55 to 2000 Hz,  
 3 cycles per direction,  
 per MIL-STD-883, Method 2007  
 Random Vibration: ..... 20G<sub>RMS</sub>, 20 to 2000 Hz,  
 per MIL-STD-883, Method 2026  
 Lead Integrity: ..... per MIL-STD-883,  
 Method 2004 conditions B1 and B2  
 Hermeticity: ..... 3 x 10<sup>-8</sup> ATM-cc/sec,  
 per MIL-STD-883,  
 Method 1014 conditions B1 and B2  
 Moisture Resistance: ..... 10 cycles, per MIL-STD-883,  
 Method 1014 with step 7 subcycle omitted

Corrosion Resistance: ..... 24 hours, per MIL-STD-883,  
 Method 1009 condition A  
 Solderability: ..... per MIL-STD-883,  
 Method 2003 or MIL-STD-202,  
 Method 208. Except 1 hr. Pre-conditioning  
 Quality: ..... In accordance with MIL-1-45208  
 Resistance to Soldering Heat: ..... per MIL-STD-202,  
 Method 210 conditions A and C  
 Marking Permanence: ..... per MIL-STD-883, Method 2015  
 Thermal Resistance: ..... per MIL-STD-883, Method 1012.1  
 Electrostatic Discharge Sensitivity: ..... per MIL-STD-883,  
 Method 3015 ECL output models-> 4KV  
 (Class 2- not sensitive)  
 CMOS output models-> 2KV  
 (Class 1 - not sensitive)  
 Steady-State Life: ... 1000 hrs. @ 125°C per MIL-STD-883,  
 Method 1005, disregarding frequency shift  
 Frequency Aging: ..... <10 ppm shift in 30 days  
 @ 85°C ambient

### Configuring The Part Number...

CB3   -   -   -  

Blank = 5.0V  
 LV = 3.3 Volt

2 = ±100 ppm  
 3 = ±50 ppm  
 5 = ±25 ppm  
 6 = ±20 ppm (0 to 70°C only)

C = 0 to 70°C  
 I = -40 to 85°C

Frequency  
 (MHz)