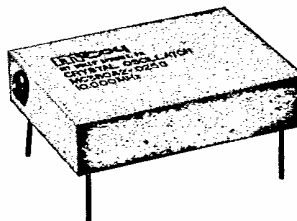
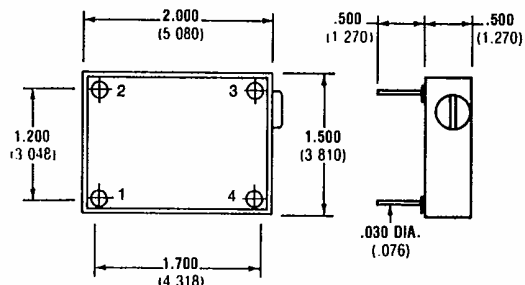


MODEL MC380A2 TCXO



Pin Connections

1. R.F. Output
2. Common and Case
3. Common and Case
4. Oscillator B+

SPECIFICATIONS

Frequency Range: 187.5 KHz to 25 MHz

Frequency Stability: ± 0.5 PPM 0°C to $+50^{\circ}\text{C}$
 ± 1.0 PPM -10°C to $+70^{\circ}\text{C}$
 ± 2.0 PPM -30°C to $+70^{\circ}\text{C}$
 ± 5.0 PPM -40°C to $+85^{\circ}\text{C}$

Input Voltage: $+5.0\text{V DC} \pm 1\%$

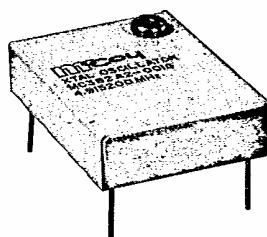
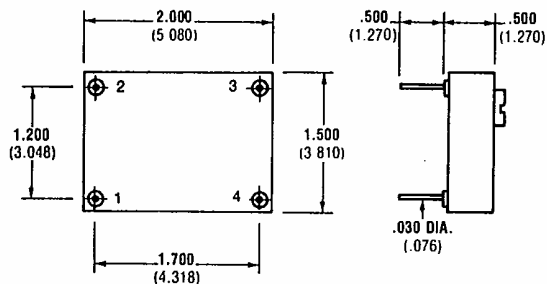
Input Current: 20 to 50 ma. Depending on Frequency

Output: TTL/DTL Compatible

External Trim: 5 PPM, Minimum

Aging: 1 PPM/Year Maximum

MODEL MC382A2 TCXO



Pin Connections

1. R.F. Output
2. Common and Case
3. Common and Case
4. Oscillator B+

SPECIFICATIONS

Frequency Range: 187.5 KHz to 25 MHz

Frequency Stability: ± 0.5 PPM 0°C to $+50^{\circ}\text{C}$
 ± 1.0 PPM -10°C to $+70^{\circ}\text{C}$
 ± 2.0 PPM -30°C to $+70^{\circ}\text{C}$
 ± 5.0 PPM -40°C to $+85^{\circ}\text{C}$

Input Voltage: $+5.0\text{V DC} \pm 1\%$

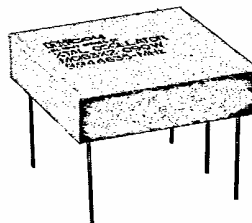
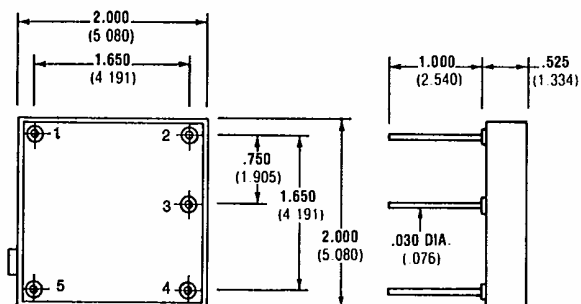
Input Current: 20 to 50 ma. Depending on Frequency

Output: TTL/DTL Compatible

Trim: ± 5 PPM Minimum

Aging: 1 PPM/Year Maximum

MODEL MC163X2 TCXO



SPECIFICATIONS

Frequency Range: 180 Hz to 150 MHz (depending upon output)

Stability Tr: ± 0.5 PPM -20°C to $+60^{\circ}\text{C}$
 ± 1.0 PPM -40°C to $+70^{\circ}\text{C}$
 ± 5.0 PPM -55°C to $+105^{\circ}\text{C}$

(Shown are typical specifications - this is a cost determining requirement and only actual needs should be specified)

Input Voltage Range: $+12\text{V DC}$ to $+24\text{V DC} \pm 3\%$ and $+5\text{V DC} \pm 5\%$ (TTL/DTL units only)

External Trim: 5 PPM Minimum

Aging: 1 PPM/Year Maximum

Output:

Sine Wave	
Freq Range 3-150 MHz Output 1-10 MW 50 ohms Harmonics/ Sub-Harmonics -20 dB Minimum	
TTL/DTL	CMOS
187.5 KHz-25 MHz TTL/DTL Compatible	180 Hz-10 MHz CMOS Compatible

ECL SPECIFICATIONS

Frequency Range: 50 to 100 MHz

Input Voltage: ± 12 to $24\text{V DC} \pm 3\%$
 and $-5.2\text{V DC} \pm 5\%$

Output: ECL Compatible

Sinewave

- Pin Connections
1. Oscillator B+
 2. N.C.
 3. R.F. Output
 4. Common and Case
 5. Common and Case

TTL

- Pin Connections
1. Oscillator B+
 2. Common and Case
 3. R.F. Output
 4. Logic B+
 5. Common and Case

CMOS

- Pin Connections
1. Oscillator B+
 2. N.C.
 3. R.F. Output (CMOS)
 4. Common and Case
 5. Common and Case

ECL

- Pin Connections
1. OSC B+ or B-
 2. GND
 3. R.F. Output
 4. Logic -5.2 VDC
 5. GND

MCCOY ELECTRONICS COMPANY

