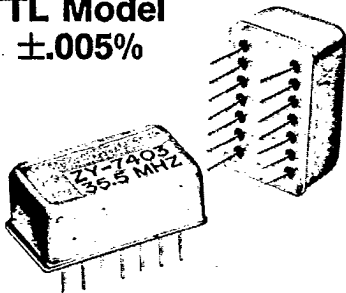




INDUSTRIES, INC.

CRYSTAL OSCILLATORS

HF to VHF CRYSTAL OSCILLATORS 60 MHz to 100 MHz TTL Model $\pm .005\%$



MODEL ZY-7403

SPECIFICATIONS:

Frequency range: 60 MHz to 100 MHz

Frequency stability: $\pm .005\%$ over temperature rangeTemperature range: 0°C to $+70^{\circ}\text{C}$ Output: to drive ≤ 10 TTL gatesInput voltage: $+5\text{V D.C.} \pm .25\text{V}$

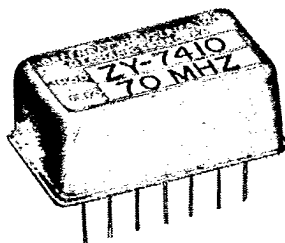
Input current: 75 ma. maximum

Size: $0.87 \times 0.50 \times 0.36''$ (L-W-H)
 $22.1 \times 12.7 \times 9.1 \text{ mm}$

Sealed metal case for shielding

To order: Specify Model ZY-7403 and exact output frequency desired.

HF to VHF CRYSTAL OSCILLATORS 10 MHz to 300 MHz ECL OUTPUT



MODEL ZY-7410 or ZY-496

SPECIFICATIONS:

MODEL: ZY-7410

Frequency range: 10 MHz to 100 MHz

Frequency stability: $\pm .005\%$ Temperature range: 0°C to $+70^{\circ}\text{C}$ Output: to drive ≤ 10 ECL (terminate 50 ohm load to -2V supply)Typical output levels for emitter coupled logic: $-.885\text{V} \pm .15\text{V}$ to $-1.75\text{V} \pm .1\text{V}$ Input voltage: $-5.2\text{V D.C.} \pm 5\%$

Input current: 75 ma. maximum

Size: $0.87 \times 0.50 \times 0.36''$ (L-W-H)
 $22.1 \times 12.7 \times 9.1 \text{ mm}$

Sealed metal case for shielding

To order: Specify Model ZY-7410 and exact output frequency desired.

MODEL ZY-496

Frequency range: 100.01 MHz to 300 MHz

Frequency stability: $\pm .005\%$ Temperature range: 0°C to $+70^{\circ}\text{C}$ Output: to drive ≤ 10 ECL (terminate 50 ohm load to -2V supply)Typical output levels for emitter coupled logic: $-.885\text{V} \pm .15\text{V}$ to $-1.75\text{V} \pm .1\text{V}$ Input voltage: $-5.2\text{V D.C.} \pm 5\%$

Input current: 100 ma. maximum

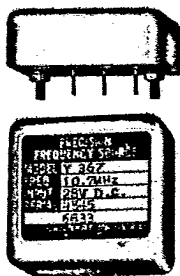
Size: $1.4'' \times .8'' \pm .35''$ (L-W-H)

24 pin dip mounting

Sealed metal case for shielding

To order: Specify Model ZY-496 and exact output frequency desired.

800 Hz to 150 MHz SINE WAVE



MODEL Y-367

SPECIFICATIONS:

Frequency Range: 800 Hz to 150 MHz

Frequency Stability Over Temperature Range:

800 Hz to 900 kHz, $\pm .015\%$
900.1 kHz to 150 MHz, $\pm .005\%$ Temperature Range: -40°C to $+70^{\circ}\text{C}$ Input Voltage: $+28\text{V DC} \pm 10\%$ (also available with other input voltages)

Input Current: 35 ma. maximum

Output:

Sine wave, Harmonics -20 dB min.

Output Voltage: 1V RMS minimum into a 1000 ohm load for units 50 MHz and below. 22V RMS (1 milliwatt) minimum into a 50 ohm load for units 50 MHz and above

Hermetically Sealed

Size:

800 Hz to 2.99 kHz
 $2.56 \times 2.94 \times .88''$
 $65.02 \times 74.68 \times 22.35 \text{ mm (L-W-H)}$
3.0 kHz to 150 MHz
 $2 \times 2 \times .75''$
 $50.80 \times 50.80 \times 19.05 \text{ mm (L-W-H)}$

ORDERING INFORMATION:

1. Specify Model Y-367 and exact output frequency desired.
2. If 50 ohm output at 1 mw minimum is desired, (below 50 MHz), add the letter "L" after the Model Number. (Example: Model Y-367L.)
3. If alternate case style is desired add G66 to Model Number. Same price as standard Model Y-367.