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CO-484V / 487V Voltage Controlled Crystal Oscillators (VCXO)
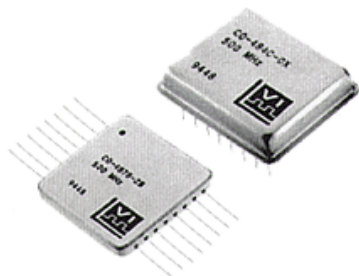
Features:

- Frequencies to 200 MHz
- Deviation to ± 200 ppm
- Low Profile hybrid 16 Pin DDIP and 16 pin flatpack
- ± 7 dBm Sinewave output option

Phase Locking Applications (8MHz to 200MHz sinewave)	**Voltage Controlled Crystal Oscillators**
Configurations	low profile DDIP or Flatpack
Series	(a)**CO-484V** (b)**CO-487V**
Center Frequency	8-200 MHz
Output	0.5 Vrms/50☐ (+7dBm). Option "**R**": +13 dBm (≤160 MHz). Harmonics and sub-harmonics are -20 dBc (-40dBc optional).
Supply Voltage (±5%)	Supply: +15 Vdc (+12 Vdc to +24 Vdc optional)

Deviation/Stability Alternatives	Code	Temperature Range	Temperature Stability	** Minimum Deviation
	O	0/+50°C	±10 ppm	± 30 ppm
	A	0/+50°C	±20 ppm	± 50 ppm
	B	0/+50°C	±35 ppm	±100 ppm
	C*	0/+50°C	±35 ppm	±200 ppm
	D	0/+70°C	±20 ppm	± 40 ppm
	E	0/+70°C	±40ppm	±100ppm
	F*	0/+70°C	±40 ppm	±200 ppm
	G	-20/+70°C	±30 ppm	± 60 ppm
	H	-20/+70°C	±40 ppm	±100 ppm
	I*	-20/+70°C	±40 ppm	±200 ppm
	J	-40/+85°C	±40 ppm	± 60 ppm
	K	-40/+85°C	±50 ppm	±100 ppm
	L*	-40/+85°C	±50 ppm	±200 ppm
	M	-55/+85°C	±50 ppm	±100 ppm
	N*	-55/+85°C	±50 ppm	±200 ppm

** Deviation is referenced to the specified output frequency . For example, inModel CO-484V-EX @ 100 MHz, at 25°C and 0V control, the frequency is at least 100 ppm below 100 MHz and at +5V the frequency is at least 100 ppm above 100 MHz.
*The following notes apply to options C,F,I,L and N (±200 ppm deviation);

- They are available at frequencies up to 75 MHz in all models
- Linearity of ±10% is standard to 75 MHz.

Control Voltage	0 to +6 V positive transfer function (lowest frequency at 0 V) *±3 V to ± 10 V optional *With bipolar control voltage option, transfer function is negative, and linearity is ±10%

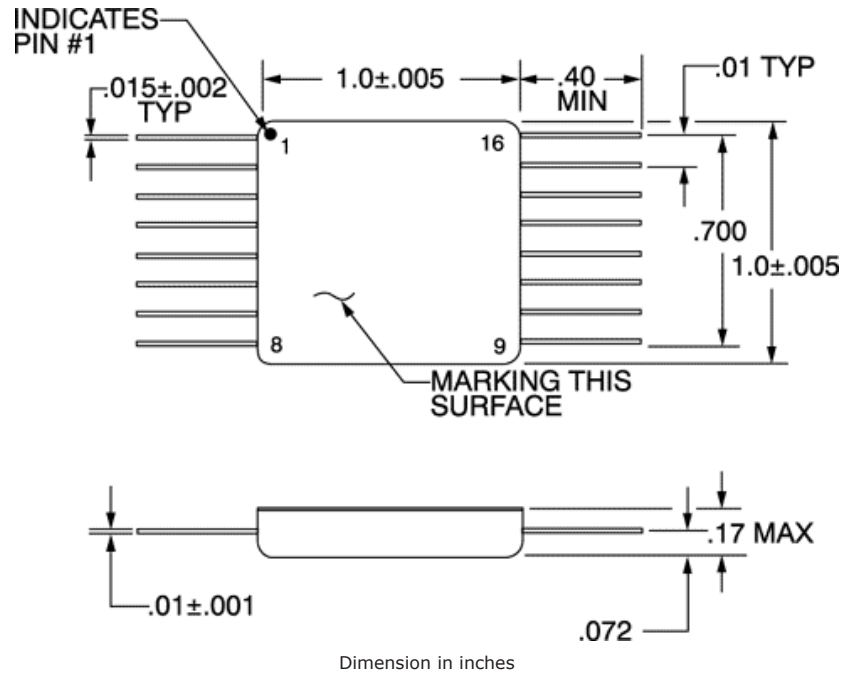| Linearity	±20% (±10% optional); ±10% is standard with bipolar control voltage and with deviation/stability options C, F, I, L and N.
Size	CO-484: 16 pin double DIP 0.8" x 0.98" x 0.2" CO-487: Flatback 1.0" x 1.0" x 0.17"
How to Order	CO-48[Package Style]V-[Deviation/Stability][X]-Frequency **Package Style** "4" = 16 pin DDIP "7" = 16 lead flatpack **Deviation/Stability** (See above) **Screen Test Level** : X

CO-484V
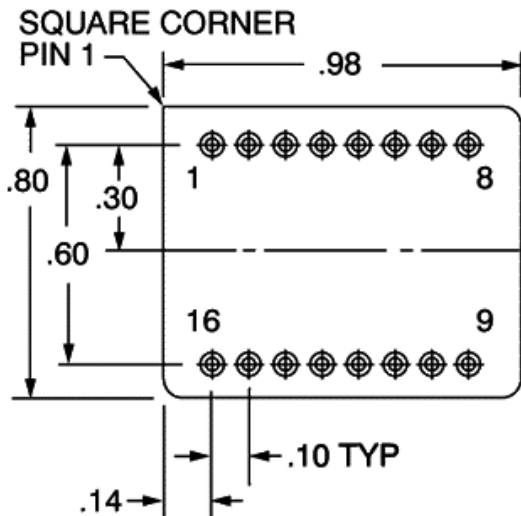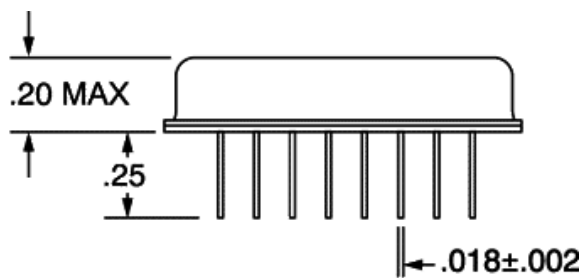
Dimension in inches

Pinouts

Pin	Function
6	VCXO
8	OV, Case
9	Output
16	Supply (+)

CO-487V

Dimension in inches