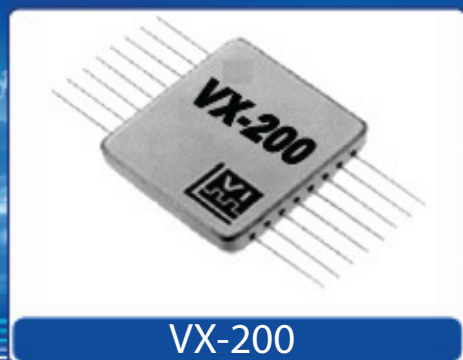


Helping Customers Innovate, Improve & Grow



VX-200

Features

- Low Profile hybrid
- 16 pin flatpack
- Frequency Range: 8 MHZ to 200 MHZ
- Previous Model: CO-487V

Applications

- Phase Locking

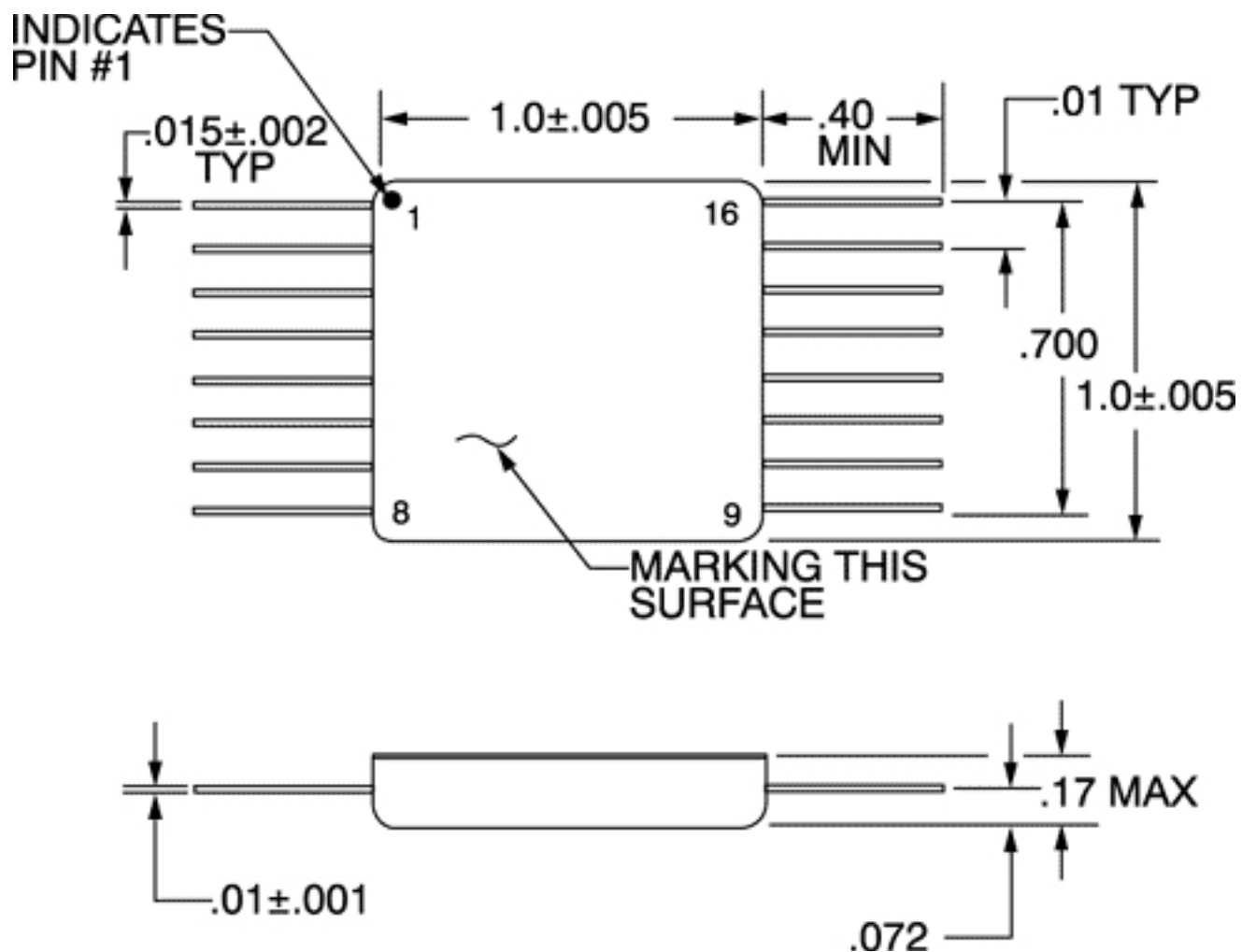
Performance Specifications

Parameter	Min	Typ	Max	Units	Condition	
Frequency Stabilities ¹						
vs. Deviation/Stability	-50		+50	ppm	Minimum Deviation	-55... +85°C
	-50		+50	ppm	±200	-55... +85°C
	-50		+50	ppm	±100	-40... +85°C
	-50		+50	ppm	±200	-40... +85°C
	-40		+40	ppm	±100	-40... +85°C
	-40		+40	ppm	±60	-40... +85°C
	-40		+40	ppm	±200	-20... +70°C
	-40		+40	ppm	±100	-20... +70°C
	-30		+30	ppm	±60	-20... +70°C
	-40		+40	ppm	±200	0... +70°C
	-40		+40	ppm	±100	0... +70°C
	-20		+20	ppm	±40	0... +70°C
	-35		+35	ppm	±200	0... +50°C
	-35		+35	ppm	±100	0... +50°C
	-20		+20	ppm	±50	0... +50°C
	-10		+10	ppm	±30	0... +50°C
Supply Voltage (Vs)						
Supply voltage	14.25	15.0	15.75	VDC	(±5%), (+12 Vdc to +24 Vdc optional)	
RF Output						
Signal	Sinewave					
Output		+7 +13		dBm dBm	Standard - 0.5 Vrms/50ohm Option - (<=160 MHz) (custom number required)	

Performance Specifications

Parameter	Min	Typ	Max	Units	Condition
Harmonics & Sub-Harmonics			-20 -40	dBc dBc	Standard Option (custom number required)
Frequency Tuning (EFC)					
Control Voltage Range	± 0.0 ± 3		± 6 ± 10	V V	Standard Option (custom number required)
Transfer Function	Positive				Standard
	Negative				With bipolar control voltage option and linearity is $\pm 10\%$ (custom number required)
Linearity			± 20	%	Standard
			± 10	%	With bipolar control voltage option and deviation/stability of $\pm 200\text{ppm}$ (custom number required)

Outline Drawing / Enclosure

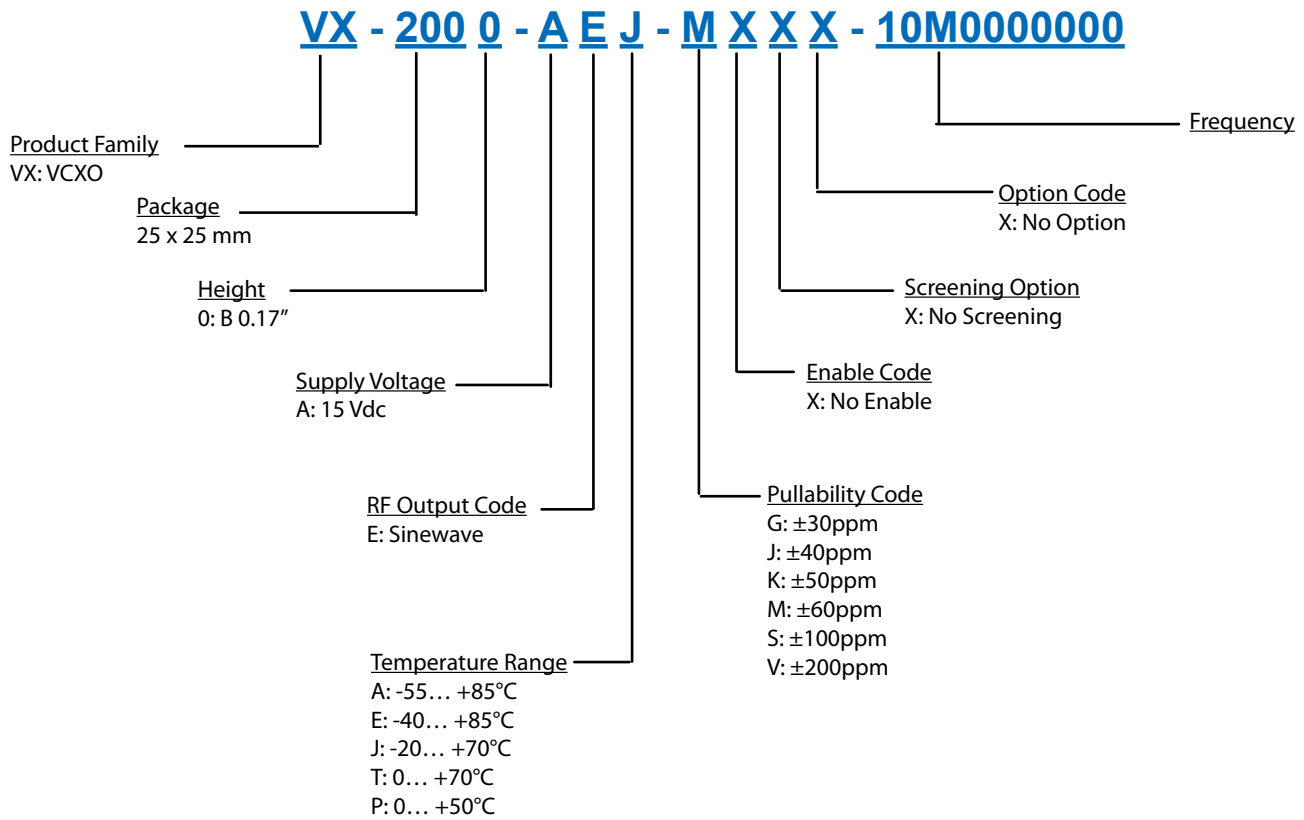


Dimension in inches

Type B		
Code	Height "H"	Pin Length
0	0.17"	0.40"

Pin Connections	
6	VCXO input
8	Ground
9	Output
16	Supply(+)

Ordering Information



Notes:

1. Contact factory for improved stabilities or additional product options. Not all options and codes are available at all frequencies.
2. Unless other stated all values are valid after warm-up time and refer to typical conditions for supply voltage, frequency control voltage, load, temperature (25°C).
3. Phase noise degrades with increasing output frequency.
4. Subject to technical modification.
5. Contact factory for availability.

For Additional Information, Please Contact

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