

# Thru Hole VCXO

- Wide frequency range
- Extended temperature range and tight symmetry available
- Broad range of pullability

Series **CV01**



Part Numbering Example: CV01 L - A3 B3 - 15.360 A P

CV01	L	A3	B3	15.360	A	P
SERIES	VOLTAGE	OPERATING TEMP.	STABILITY	FREQUENCY	TUNING RANGE	LINEARITY
CV01	Blank = 5.0V L = 3.3V	A1=-10°C ~ +50°C A2=-10°C ~ +60°C A3=-30°C ~ +75°C A4=-40°C ~ +75°C A6=-0°C~+70°	B6 =±100 ppm BP = ±50 ppm BR = ±25 ppm		A = ±50 ppm B = ±100 ppm C = ±150 ppm D = ±200 ppm E = ±250 ppm F = ±300 ppm G = +350 ppm	Blank = ±20% Q = ±15% P = ±10%

## Specifications:

<b>Frequency Range:</b>	1.000 MHz to 150.000 MHz
<b>Available Stability Options:</b>	±100 ppm ±50 ppm ±25 ppm
<b>Output Series:</b>	TTL/HCMOS
<b>Input Voltage:</b>	+5.0 VDC ±5% +3.3 VDC ±5%
<b>Frequency Tuning Range:</b>	±50 ppm ±100 ppm ±150 ppm ±200 ppm ±250 ppm ±300 ppm ±350 ppm
<b>External Control Voltage:</b>	+2.5 VDC ±2.0 VDC (5V) +1.65 VDC @ ±1.35VDC
<b>Linearity:</b>	±20% Max. ±15% Max. ±10% Max.
<b>Polarity of Freq. Slope:</b>	Positive
<b>Output Voltage:</b>	TTL V <sub>OL</sub> =0.4 V Max. TTL V <sub>OH</sub> =2.4 V Min. HCMOS V <sub>OL</sub> =10%V <sub>DD</sub> V Max. HCMOS V <sub>OH</sub> =90%V <sub>DD</sub> V Min.
<b>Operating Temperature Range Options:</b>	-0°C to +70°C -40°C to +85°C
<b>Output Load:</b>	10 TTL 15 pf HCMOS
<b>Maximum Input Current:</b>	20 mA (1.000 to 20.000 MHz) 40 mA (20.010 to 50.000 MHz) 50 mA (50.010 to 160.000 MHz)
<b>Maximum Rise/Fall Time:</b>	10 ns
<b>Duty Cycle:</b>	40/60% 45/55%
<b>Max Start-Up Time:</b>	10 ms
<b>Storage Temperature:</b>	-55°C to +125°C

## CV01

