

Series LV1



Voltage Controlled Crystal Oscillator Full/half size metal Can Package

FEATURE

- Small size as small as 20.26×12.65mm and 12.6×12.65mm
- Hybrid IC Circuit Construction
- CMOS compatible output
- All metal,hermetically sealed welded package



ELECTRICAL SPECIFICATIONS

Item		Specifications	
Frequency Range		1MHz-80MHz	
Frequency Stability		±25, ±50, ±100ppm	
Operating Temperature		0-70°C, -20-70°C, -40-85°C	
Fan Out Type		HCMOS Square wave	
Load		15pF	15pF
	Voltage Voh	4.5V Minimum	3.0V Minimum
	Voltage Vol	0.4V Maximum	0.3V Maximum
	Current Ioh	-0.8mA	4.0mA
	Current Iol	8.0mA	4.0mA
	Duty Cycle	40/60 Maximum	40/60 Maximum
	Rise/Fall Time	5ns	5ns
Frequency Control		Positive Transfer Characteristic	
	Pullability	±50ppm, ±100ppm, ±150ppm, ±200ppm Minimum	
	Control Voltage	0.5Vdc to 4.5V dc	0.3Vdc to 3.0Vdc
	Center Frequency	2.5V dc	1.65Vdc
	Monotonic Linearity	< ±15%	< ±15%
	Input impedance	50Klhms Normal	50Klhms Normal
Supply Voltage		+5Vdc +/-5% or 3.3V +/-5%	+3.3V
Supply Current		60mA Max	40mA Max
Package		All metal,hermetically sealed welded package	
		Please consult our sales representative for other specifications	

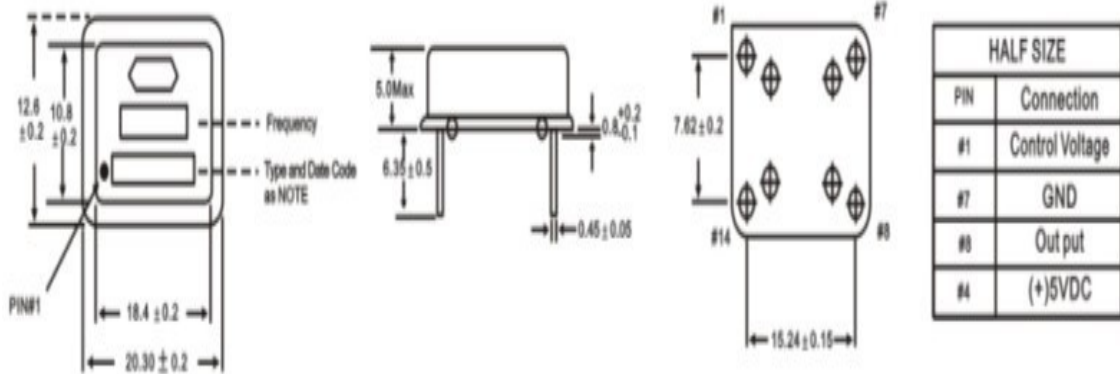
Series LV1



Voltage Controlled Crystal Oscillator Full/half size metal Can Package

DIMENSION(mm)

Full Size VCXO



Half Size VCXO

