



■ METAL HALF VCXO (DIP 8PIN)

- 8pin Dip Package
- Mode : Fundamental, Multi
- Wide pull range

■ Applications : STB, DVD, ADSL

■ Standard Specification »»

Frequency Range	1.000MHZ to 160.000MHZ	1.000MHZ to 100.000MHZ
Supply voltage	3.3V	5.0V
Pin 1 Control voltage	1.65V±1.35V (1.65V)	2.5V±2.0V (2.5V)
Frequency Deviation	±50ppm min	±50ppm min
	±100ppm min	±100ppm min
	±150ppm min	±150ppm min
		±200ppm min (2.5V)
Current consumption	55mA max	40mA max
Linearity	10% max	
Slope	Positive	
Temperature Range	Operating	-40°C to +85°C, User spec
	Storage	-55°C to +125°C
Frequency Stability	±50ppm max, User spec	
Output load condition(CMOS)	CMOS 15pF	
Symmetry (Duty)	45% to 55% (1MHZ ~65MHZ max) / 40% to 60% (65.001MHZ ~160MHZ max)	
Output rise and fall time (tr/tf)	5ns max	
High output voltage (CMOS)	90% Vdd	
Low output voltage (CMOS)	10% Vdd	
Oscillation start up time	5ms max	
Aging	± 5ppm max	
phase Jitter (12KHZ ~20MHZ)	100ps max	
Period Jitter (Pk-Pk)	25ps max	

■ Dimensions (mm) »»

