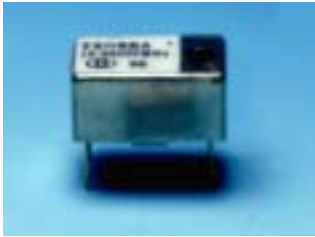


VTH04



Wide frequency tuning range by control voltage with good frequency temperature stability.
Very good linearity.
Good Reliability.

Table1 Specifications

Parameter	VTH04	
Frequency Range 频率范围	2MHz~40MHz	
Initial Calibration Tolerance (@25 ±2) 频率准确度	Models with internal trimmer :Adjust to the nominal frequency Models without internal trimmer :±1ppm typical	
Frequency vs Operation Temp. Range	See table2	
Stability vs Aging 频率稳定度	±1ppm/year	
Operation Temperature Range 工作温度范围	See table2	
Supply Voltage 电源电压	12.0V,9.0V,8.0V,5.0V	
Current Consumption 电流	20mA max	
Output 输出	TTL/CMOS, Code is "T" Sinewave, 1.5Vp-p min@Load 1k Ω, Code is "S"	
Start-up Time 起振时间	2ms max	
Frequency Tuning Range (@25 ±2)	±5ppm typical, by internal trimmer	
VCTCXO 压控特性	Frequency Tuning Range	±50ppm ~±200ppm optional
	Control Voltage Range	0V±1V
	Slope Polarity	Negative or Positive optional
	Linearity	5%max
	Input Resistance	100kΩ min
Package 外形尺寸	A16a,A16b	
Storage Temperature Range 存储温度范围	-55~+85	

Table2 Frequency Stability vs Operation Temperature Range(Ref to 25) and Option Code

	±1.0ppm	±2.0ppm	±2.5ppm	±3.0ppm	±3.5ppm	±5.0ppm
0~50	A10	A20	A25	A30	A35	A50
-10~60		B20	B25	B30	B35	B50
-20~70		C20	C25	C30	C35	C50
-20~60		N20	N25	N30	N35	N50
-40~70		T20	T25	T30	T35	T50

TCXOs

Part Numbering Key

SERIES	PACKAGE CODE	Supply Voltage	OUTPUT FORM	FREQ. STABILITY vs.TEMP	FREQUENCY
VTH04	A15 A16a A16b	8=8.0V 5=5.0V	S=Sinewave T=TTL/CMOS	See Table2	
VTH04	A16b	8	S	N35	12.800MHz

Sample Part Numbers

**VTH04A16b-8SN35
@12.800MHz**

* New Production