•Part Number Guide

T-OT-TS-V-W-VC-FF.FFFM-H-S

T(Type型号):OXA=OCXO3627

OT(Operating Temperature工作温度):B=−40°C to 85°C
F=−20°C to 70°C G=0°C to 70°C

TS(Temperature Stability温度稳定度):020=20ppb

V(Supply Voltage工作电压):33=3.3V 05=5.0V 12=12V

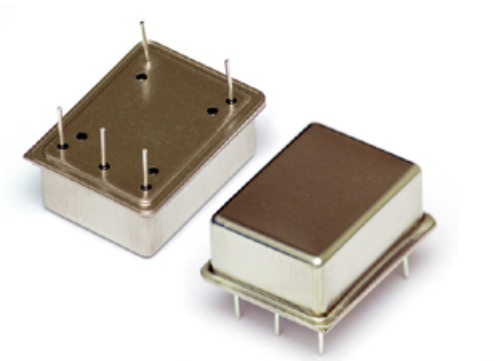
W(Output Wave Form输出波形):H=HCOMS S=SINE

VC(Vc or Nc有无压控):V=Voltage Control N=Nc

F(Frequency标称频率):Normal – 5 digitals of Frequency, e.g. 10.000M, 100.00M
Special – All digitals of Frequency, e.g. 13.225625M

H(Height高度):A=12.15mm B=13.65mm

S(Special Requirement特殊要求)



Pb Free

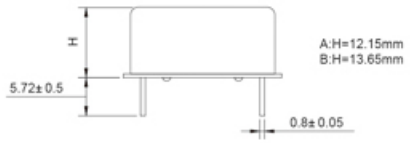
RoHS Compliant
Directive 2002/95/EC

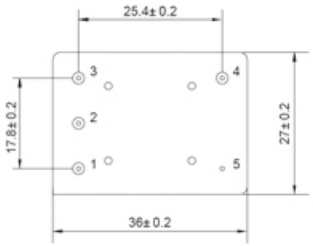
•Electrical Specifications 电气参数

型号	Holder Type	OCXO-A			
模式	Model	SC-cut/AT-cut			
频率范围	Frequency Range	10.000MHz to 100.00MHz			
温度范围	Temperature Range	−40°C to 85°C −20°C to 70°C 0°C to 70°C			
温度稳定性	Temperature Stability	AT cut 100PPB 50PPB 20PPB			
		SC cut 20PPB 10PPB 5PPB			
输入电压	Supply Voltage	+3.3V +5.0V +12V			
日老化率	Aging/Day	2ppb to 0.5ppb			
年老化率	Aging/Year	0.1ppm to 0.05ppm			
预热功率	Warm-up Power	5 W			
预热时间	Warm-up Time	5 minutes to better than 0.1 PPM of operating frequency			
		10 minutes to better than 0.05 PPM of steady state frequency at 4 hours			
稳态功率	Steady State Power (25 C)	<1.5 Watts			
老化调整	Aging Adjustment	External potentiometer / DAC / Synchronization			
调整范围	Adjustment Range	0.5 PPM Min. 2.0 PPM Max.			
中心电压	Center Voltage	2.5V for 5V,12V Input			
		1.65V for 3.3V Input			
斜率	Slope	Positive			
相位噪声	Phase Noise @(at 10.000 MHz)	AT cut		SC cut	
	Output Wave Form	SINE	HCOMS	SINE	HCOMS
	1 Hz	−75 dBc/Hz	−65 dBc/Hz	−90 dBc/Hz	−90 dBc/Hz
	10 Hz	−100 dBc/Hz	−90 dBc/Hz	−120 dBc/Hz	−115 dBc/Hz
	100 Hz	−130 dBc/Hz	−125 dBc/Hz	−135 dBc/Hz	−135 dBc/Hz
	1k Hz	−140 dBc/Hz	−135 dBc/Hz	−150 dBc/Hz	−140 dBc/Hz
	10k Hz	−150 dBc/Hz	−145 dBc/Hz	−150 dBc/Hz	−145 dBc/Hz
	100k Hz	−150 dBc/Hz	−145 dBc/Hz	−150 dBc/Hz	−145 dBc/Hz
输出波形	Output Wave Form	Sine/HCOMS			
	Spurious	−75 dBc			
寄生	Harmonics	−30 dBc			
负载	Load	50 ohms SINE/15PF HCOMS			

•Mechanical Dimensions 外型尺寸

UNIT(单位):mm(毫米)





Pin Connection

PIN	FUNCTION
1	Control Voltage or N/C
2	Reference Voltage or N/C
3	Vcc
4	Output
5	GND