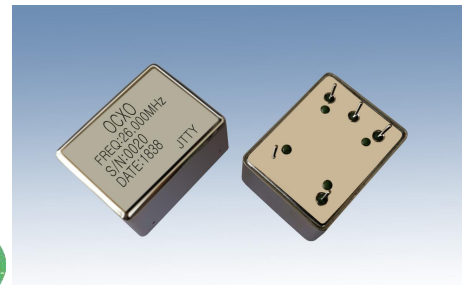


产品特点 FEATURES

- 典型的36.2X27.2X16.0mm Typical 36.2X27.2X16.0mm
- 5 pin DIP技术封装 5 Pin solder sealed metal Package
- 双密封金属外壳和高可靠性 Double sealed metal case and high reliability
- AT或SC切割晶体 AT-cut or SC-cut crystal

应用范围 APPLICATION

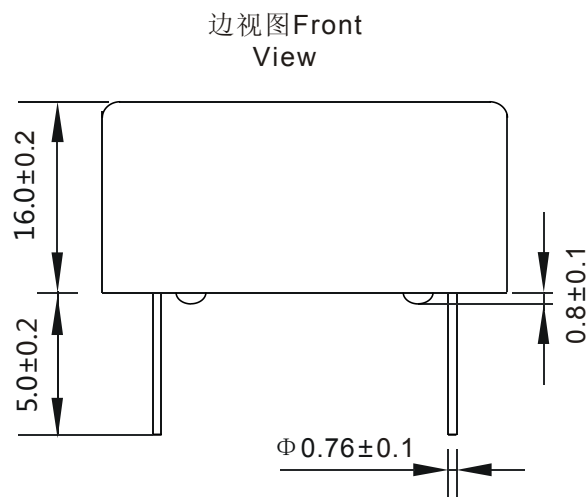
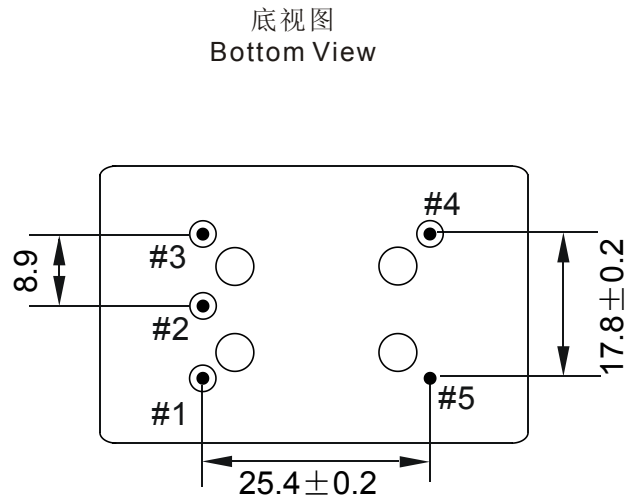
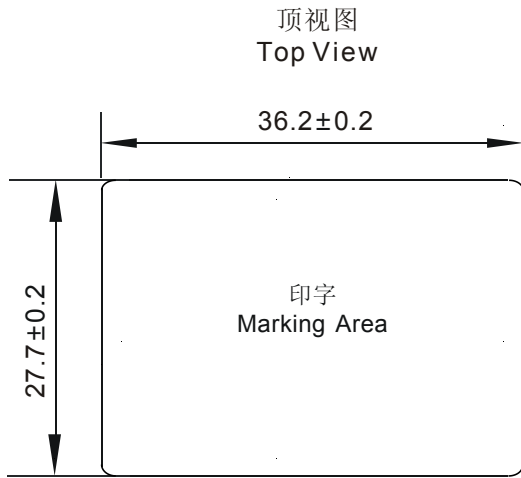
- 大规模设备 Large-Scale equipment
- 无线局域网/宽带无线域网 WLAN/WiMAX
- 军事通信设备 Military Communication equipmet



参数	Parameter	符号 Sym	条件 Condition	最小值 Min.	典型 Typ.	最大值 Max.	单位 Unit	备注 Note						
频率范围	Frequency Range	F		1.25		100	MHz							
标称频率	Nominal Freq.	Fn			10.000		MHz	自定义 Custom						
频率精度	Frequency Accur.	ΔF/F	25°C			±0.5	ppm							
输出波形	Output Waveform			方波 Square wave				正弦波 Sinewave						
频率稳定性 Frequency Stability	ΔF/F	Vs. temp.(°C)	+12V		+5V		+12V		+5V		单位 Unit			
			AT-cut	SC-cut	AT-cut	SC-cut	AT-cut	SC-cut	AT-cut	SC-cut				
			0~+60	±0.03	±0.01	±0.03	±0.01	±0.03	±0.01	±0.03		±0.01	ppm	
			-20~+70	±0.08	±0.02	±0.08	±0.02	±0.08	±0.02	±0.08		±0.02		
			-40~+85	±0.2	±0.03	±0.2	±0.03	±0.2	±0.03	±0.2		±0.03		
			电压变化 vs Voltage Change	≤±20, 电源电压变化±5% ≤±20, supply voltage ±5% variation.										
			预热时间 vs Warm-up time(+25°C)	AT-cut : 3.0 (max) SC-cut : 1.0 (max)										
老化率 vs Aging	±0.7 first year, 小于±4 over 10 years.													
负载变化 vs Load Chang	≤±20, for ±5% load condition change													
功耗 Power Dissipation	P	@25°C	1.2Watt (max) at steady-state , 3.5Watt (max) at turn-on								W			
工作温度范围 Operating Temp.	To		-20			+70				°C				
			-40			+85								
存储温度 StorageTemp.	Ts		-55			+125								
输出波形 Output Waveform			方波 Square wave,15~50pF ; 正弦波 Sinewave,50Ω											
输出电平 Output Level					+3					dBm	@Sinewave,50Ω			
负载 Load					50					Ω				
谐波抑制 Harmonics Att.			-30							dBc	@正弦波			
杂波抑制 Spurious Att.			-70							dBc	@Sinewave			
相位噪声 SSB Phase Noise			10Hz 100Hz 1KHz 10KHz			-120 -140 -145 -150				dBc/Hz	@5V,10MHz SC-cut			
电源电压 Supply Voltage	Vcc		4.75	5.0	5.25					V				
频率调整 Frequency Adjustment	Vcon	EFC电压 EFC Voltage	0	2.0	4.0					V	@ 5V、 12V			
		EFC范围 EFC Range			±4.0						ppm	自定义 Custom		
		线性 Linearity			±10						%			
		偏差斜率 Deviation Slope	正斜率 Positive											
		输入阻抗 Input impedance	47									KΩ		
封装 Package			DIP(36.2X27.2X16.0)								mm			

所有规格如有更改, 恕不另行通知.

All specifications are subject to change without notice



Unit:mm

Pad Functions:	
Pad #1	Voltage Control EFC
Pad #2	Reference Voltage Output
Pad #3	Supply Voltage
Pad #4	RF Output
Pad #5	Ground/Case