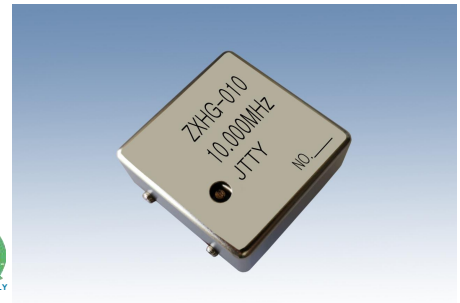


产品特点 FEATURES

- 典型的38.8X38.8X16.0mm Typical 38.8X38.8X16.0mm
- 4 pin DIP技术封装 4 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 equipment

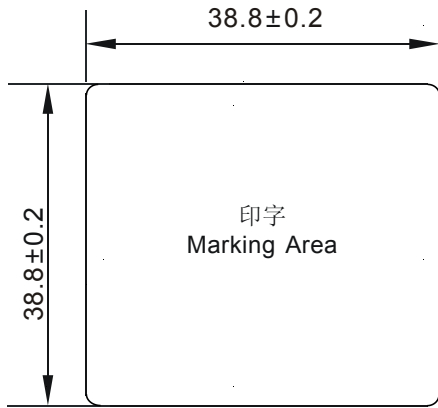


参数	Parameter	符号 Sym	条件 Condition	最小值 Min.	典型 Typ.	最大值 Max.	单位 Unit	备注 Note					
频率范围	Frequency Range	F		5.0		20	MHz						
标称频率	Nominal Freq.	Fn			10.000		MHz	自定义 Custom					
频率精度	Frequency Accur.	ΔF/F	25°C			±0.1	ppm						
输出波形	Output Waveform			方波 Square wave		正弦波 Sinewave							
频率稳定度 Frequency Stability	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	±0.05	±0.01	±0.05	±0.01	±0.05	±0.01	±0.05		±0.01	ppm
			-20~+70	±0.1	±0.02	±0.1	±0.02	±0.1	±0.02	±0.1		±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	≤±1.0, 电源电压变化±5% ≤±1.0, supply voltage ±5% variation.										
		预热时间 vs Warm-up time(+25°C)	AT-cut : 1, ±0.2 ( max ) SC-cut : 5, ±10 ( max )										minutes
老化率 vs Aging	AT-cut: ±3/day, ±0.5ppm first year, < ±3.0ppm over 10 years. SC-cut: ±0.5/day, ±50 first year, < ±150 over 10 years.										ppb		
负载变化 vs Load Chang	≤±1.0, for a ±5% load condition change												
功耗 Power Dissipation	P	@25°C	2.0Watt ( max ) at steady-state , 6.0Watt ( max ) at turn-on									W	
工作温度范围 Operating Temp.	To		-20			+70	°C						
			-40			+85							
存储温度 Storage Temp.	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					+2	+8	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.					-75		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						
			11.5	12	12.5								
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(38.8X38.8X16.0)						mm				

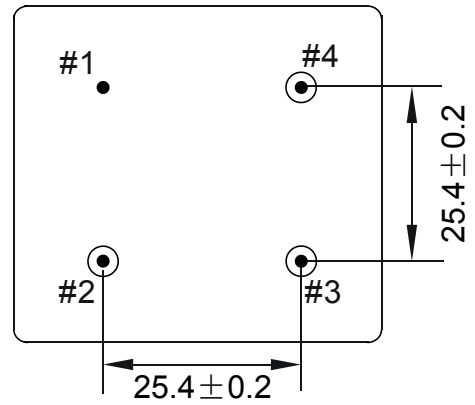
所有规格如有更改, 恕不另行通知.

All specifications are subject to change without notice

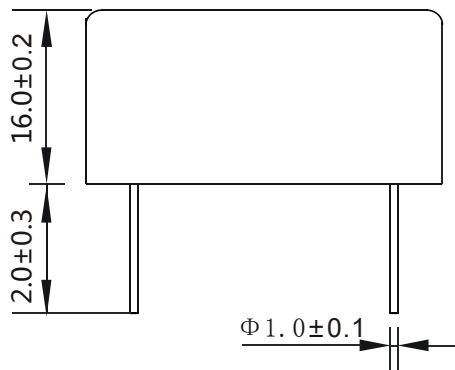
顶视图  
Top View



底视图  
Bottom View



边视图  
Front View



Unit:mm

Pad Functions:	
Pad #1	Ground/Case
Pad #2	Supply Voltage
Pad #3	RF Output
Pad #4	Voltage Output