

电 性 能 技 术 指 标
SPECIFICATIONS

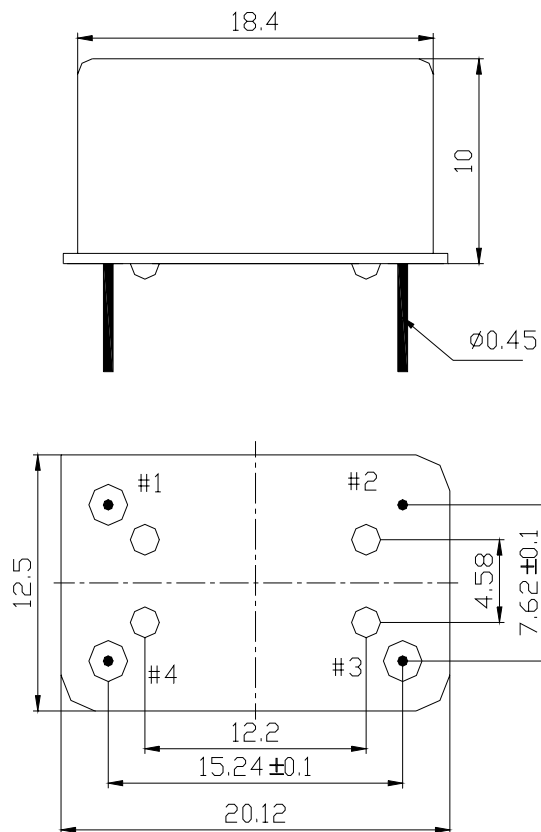
JKOC20 SERIES 快速加热小型恒温晶体振荡器

技术指标项目 (Parameter)	技术指标 (Specification)
频率范围 (Frequency Range)	10~80MHz
标称频率 (Nominal Frequency)	10, 12.8, 13, 16.384, 20, 26, 38.88MHz
频率稳定度 (Frequency Stability)	
频率温度稳定度 (Vs. Operating Temperature)	$\pm 5 \times 10^{-7} \sim \pm 5 \times 10^{-8}$,
频率电压稳定度 (Vs. Supply Voltage Variation)	$< \pm 2 \times 10^{-8}$, at VCC $\pm 5\%$
频率负载稳定度 (Vs. Load Variation)	$< \pm 2 \times 10^{-8}$ for 5% change
频率调整 (Frequency Adjustment)	
频率调整范围 (Frequency Adjustment Range)	$> \pm 3\text{ppm}$
压控电压 (Control Voltage Range)	0~5V 中心电压 2.5V
压控斜率 (Slope)	Positive
压控线性度 (Linearity)	优于 10%
电源电压 (Input Power)	
供电电压 (Supply Voltage)	5V, 12V
开机电流 (Current Consumption At switch on)	2.5W
稳定工作电流 (Current Consumption At steady state@25 °C)	1.0W
输出 (Output Signal)	
波形 (Waveform)	TTL/CMOS
负载 (Load)	10k Ω /15pf
老化(Aging After 30 Days of Operation)	
日老化(Daily Aging)	$< \pm 2 \times 10^{-9}$
十年老化 (Ten years Aging)	$< \pm 4.6 \times 10^{-6}$
相位噪声 (Phase Noise)	
at 10 Hz	-90dBc/Hz
at 100 Hz	-115dBc/Hz
at 1kHz	-140dBc/Hz
at 10kHz	-150dBc/Hz
加热时间 (Warm up time $<1 \times 10^{-7}$ of final frequency)	< 5 minutes at 25°C



工作温度 (Operating Temperature Range)	-20 °C to +65 °C
储存温度 (Storage Temperature Range)	-40 °C to +85 °C
外形尺寸 (Dimensions)	20.12x12.5x10mm

外形尺寸:



1#	压控输入
2#	地
3#	频率输出
4#	电源