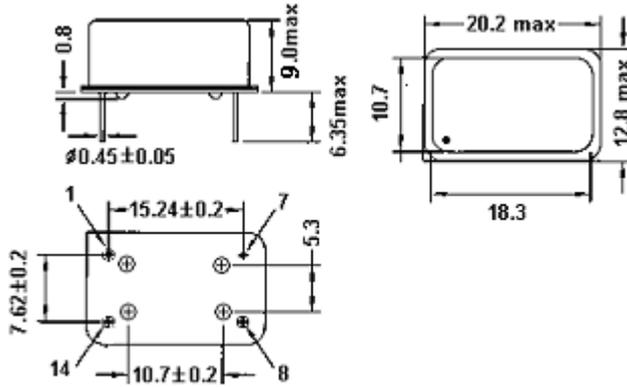


电性能技术指标
SPECIFICATIONS

JKVC20 SERIES 宽压控晶体振荡器

技术指标项目 (Parameter)	技术指标 (Specification)
频率范围 (Frequency Range)	1~120MHz
标称频率 (Nominal Frequency)	10MHz
频率稳定度 (Frequency Stability)	
频率准确度和稳定度 (Frequency Accuracy and Stability)	$\pm 10\text{ppm} \sim \pm 30\text{ppm}$
频率电压稳定度 (Vs. Supply Voltage Variation)	$< \pm 3 \text{ ppm at VCC} \pm 5\%$
频率负载稳定度 (Vs. Load Variation)	$< \pm 3 \text{ ppm for } 5\% \text{ change}$
频率调整 (Frequency Adjustment)	
压控频率调整范围 (Frequency Adjustment Range)	$\pm 30\text{ppm} \sim \pm 120\text{ppm}$
压控电压 (Control Voltage Range)	$1.65\text{V} \pm 1.5\text{V} @ 3.3\text{Vcc}, 2.5\text{V} \pm 2\text{V} @ 5.0\text{Vcc}$
压控极性 (Slope Polarity)	Positive 正极性
线性度 (Linearity)	10%max
电源电压 (Input Power)	
供电电压 (Supply Voltage)	5V 或 3.3V
输出 (Output Signal)	
波形 (Waveform)	TTL/CMOS 方波
负载 (Load)	10K Ω //15pF
占空比 (Duty Cycle)	40%~60%
上升/下降时间	7ns typical
老化(Aging)	
年老化 (First year Aging)	$\pm 3\text{ppm/year max}$
工作温度 (Operating Temperature Range)	-10 °C to +70 °C
储存温度 (Storage Temperature Range)	-40 °C to +85 °C
外形尺寸 (Dimensions)	DIP14 或 DIP8

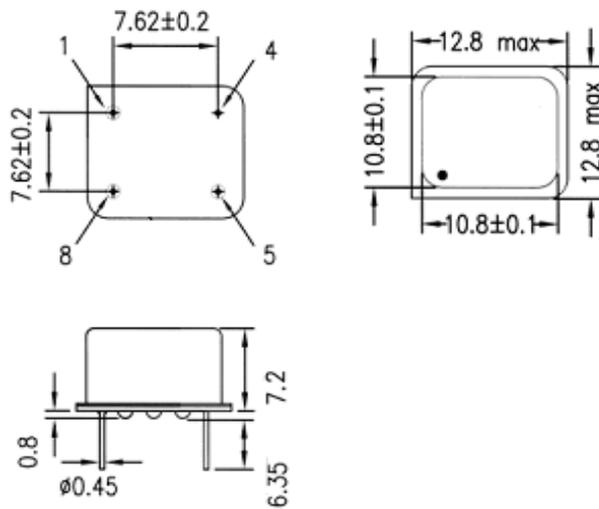
DIP14 外形尺寸:



引脚定义:

Pin 1	空脚
Pin 7	地
Pin 8	输出
Pin 14	电源电压

DIP8 外形尺寸:



引脚定义:

Pin 1	空脚
Pin 4	地
Pin 5	输出
Pin 8	电源电压