

VBHT47L20B500K

(VBHT47L20B500K ROTARY POTENTIOMETERS WITH METAL SHAFT)

一般事项

- ☐ 此规格适用于电子设备之可变电阻器
- ☐ 使用温度范围: $-10^{\circ}\text{C} \sim 70^{\circ}\text{C}$

General

- This specification is applied to potentiometers used for electronic equipment.
- Operating temperature: $-10^{\circ}\text{C} \sim 70^{\circ}\text{C}$

特点

- ☐ 旋转式, 单联, 带开关
- ☐ 手感柔和
- ☐ 阻值线性多样化

Features

- Rotary type, with switch.
- Better feeling
- Special tapers.

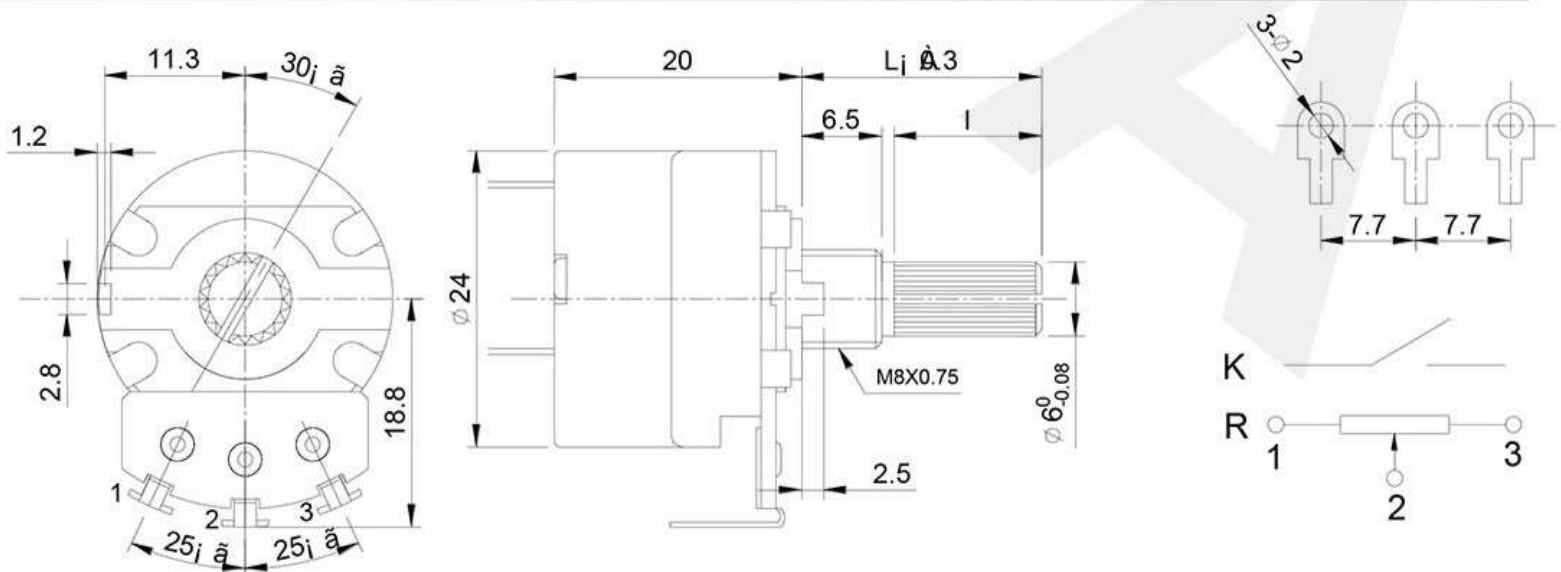
用途

- ☐ 多媒体, 音箱, 功放, 灯光调节等

Applications

- Multimedia, computer speaker, stereos amplifier lighting regulation ,etc

外形图及安装尺寸 OUTLINE DRAWING



性能说明 CHARACTERISTICS

项目 ITEM		规格 SPECIFICATION
电气性能 Electrical Characteristics	工作温度 Temp Range	-10℃~70℃
	额定功率 Rated Power	Curve B:0.5W Other curve B:0.25W
	最大工作电压 Max Operation Voltage	Curve B:AC 500V Other than B:AC 250V
	阻值范围 Resistance Range	1KΩ~2MΩ
	阻值允许偏差 Allow Desistance Tolerance	±20%(1MΩ or more30%)
	转动噪声 Rotational Noise	≤47mV
	终端电阻 Terminal Resistance	R≥250KΩ 0.1%R max 250KΩ>R>10KΩ 20Ωmax 10 KΩ≥R 10Ωmax
	电阻规律 Resistance Law	A、B、C
	抗电强度 Dielectric	AC500V,1minute
	开关接触电阻 Switch contact resistance	Less than 30mΩ
	开关额定功率 Rated switching power	AC125V 1A、4A、6A
	绝缘电阻 Insulation Resistance	More than 100MΩ at DC250V
机械性能 Mechanical Characteristics	旋转力矩 Rotational Torque	2~20 mN.m (20~200gf.cm)
	总旋转角度 Total Rotational Angle	300°±5°
	止挡强度 Shaft Stopper Strength	6Kgf.cm
	开关操作力 Switch working force/torque	150~450gf.cm
	开关动作角度 Switch working angle	50°±10°
	开关寿命 Switch life	10,000 times
	旋转寿命 Rotary life	10,000 cycles
焊接 Soldering		T≤260℃, t≤3s