

## WH148-1B-2 金属轴旋转式碳膜电位器

(WH148-1B-2 ROTARY POTENTIOMETERS WITH METAL SHAFT)

### 一般事项

### General

□此规格适用于电子设备之可变电阻器

-This specification is applied to potentiometers used for electronic equipment.

□使用温度范围:  $-10^{\circ} \sim 100^{\circ}$

-Operating temperature:  $-10^{\circ} \sim 100^{\circ}$

### 特点

### Features

□长寿命, 低成本

-Long life model, low cost

□手感柔和, 可带中心软定位

-Better feeling, center detent available

□阻值线性多样化

-Special tapers.

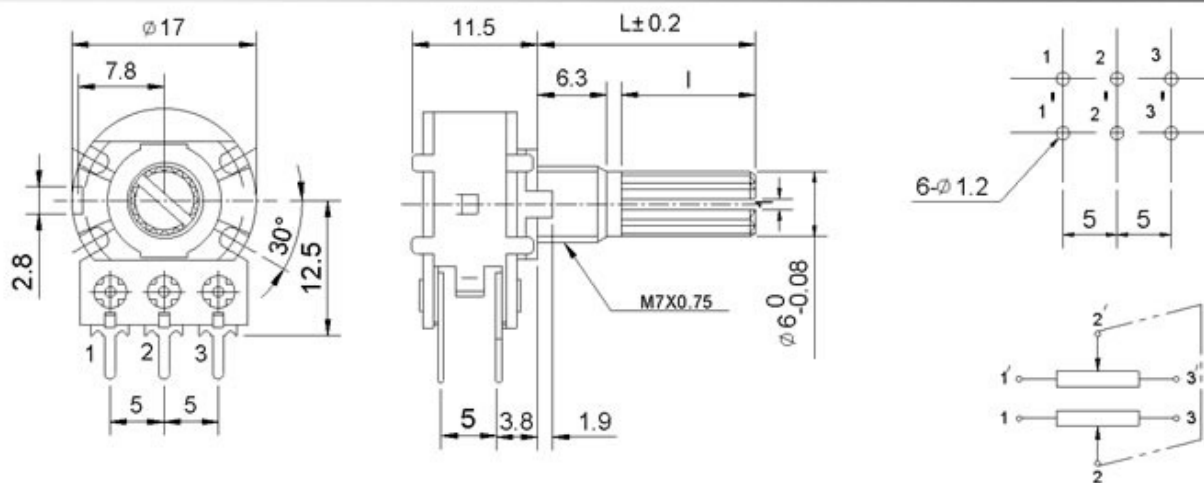
### 用途

### Applications

□多媒体, 音箱, 功放等

-Multimedia, computer speaker, stereos amplifier etc

### 外形图及安装尺寸 OUTLINE DRAWING AND MOUNTING HOLE DETAIL



### 性能说明 CHARACTERISTICS

项目 ITEM	规格 SPECIFICATION
工作温度 Temp Range	$-10^{\circ}\text{C} \sim 100^{\circ}\text{C}$

	项目 ITEM	规格 SPECIFICATION
电气性能 <b>Electrical Characteristics</b>	工作温度 Temp Range	-10℃~100℃
	额定功率 Rated Power	Curve B:0.125W Other curve B:0.053W
	最大工作电压 Max Operation Voltage	Curve B:200V Other curve B:150V
	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
	双联同步误差 Tracking error	0~-40dB±3dB
	抗电强度 Dielectric	AC500V,1minute
	绝缘电阻 Insulation Resistance	More than 100MΩ at DC500V
机械性能 <b>Mechanical Characteristics</b>	旋转力矩 Rotational Torque	2~20 mN.m (20~200gf.cm)
	总旋转角度 Total Rotational Angle	300°±5°
	旋转寿命 Rotary life	10,000 cycles
	止挡强度 Shaft Stopper Strength	6Kgf.cm
	轴推拉强度 Push Pull Strength	60 N
	定位位置 Click position	Center detent or 10,20,40 position clicks
焊接 Soldering		235°C±5°C: ≤3s