

WH148-1A-2 金属轴旋转式碳膜电位器

(WH148-1A-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: $-10^{\circ}\sim 100^{\circ}$

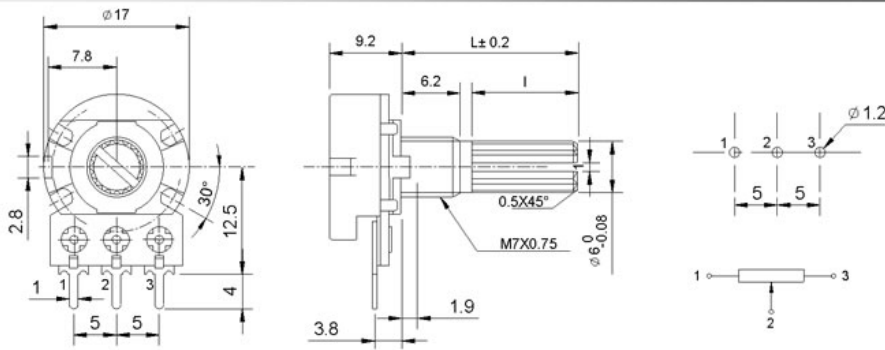
特点 *Features*

- 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 <i>ITEM</i>		规格 <i>SPECIFICATION</i>
电气性能 Electrical Characteristics	工作温度 <i>Temp Range</i>	$-10^{\circ}\sim 100^{\circ}\text{C}$
	额定功率 <i>Rated Power</i>	Curve B: 0.125W Other curve B: 0.053W
	最大工作电压 <i>Max Operation Voltage</i>	Curve B: 200V Other curve B: 150V
	阻值范围 <i>Resistance Range</i>	$1\text{K}\Omega\sim 2\text{M}\Omega$
	阻值允许偏差 <i>Allow Desistance Tolerance</i>	$\pm 20\%$ ($1\text{M}\Omega$ or more 30%)
	转动噪声 <i>Rotational Noise</i>	$\leq 47\text{mV}$
	终端电阻 <i>Terminal Resistance</i>	$R \geq 250\text{K}\Omega$ 0.1%R max $250\text{K}\Omega > R > 10\text{K}\Omega$ 20 Ω max $10\text{K}\Omega \geq R$ 10 Ω max
	电阻规律 <i>Resistance Law</i>	A、B、C
	抗电强度 <i>Dielectric</i>	AC500V, 1minute
	绝缘电阻 <i>Insulation Resistance</i>	More than $100\text{M}\Omega$ at DC500V
机械性能 Mechanical Characteristics	旋转力矩 <i>Rotational Torque</i>	2~20 mN.m (20~200gf.cm)
	总旋转角度 <i>Total Rotational Angle</i>	$300^{\circ} \pm 5^{\circ}$
	旋转寿命 <i>Rotary life</i>	10,000 cycles
	止挡强度 <i>Shaft Stopper Strength</i>	6Kgf.cm
	轴推拉强度 <i>Push Pull Strength</i>	60 N
定位位置 <i>Click position</i>	Center detent or 10, 20, 40 position clicks	
焊接 <i>Soldering</i>	$235^{\circ}\text{C} \pm 5^{\circ}\text{C}$: $\leq 3\text{s}$	