



WH148-1AK-2 金属轴旋转式碳膜电位器

(WH148-1AK-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
□手感柔和,带咯关
□阻值线性多样化

-Long life model,low cost
-Better feeling,with switch
-Special tapers.

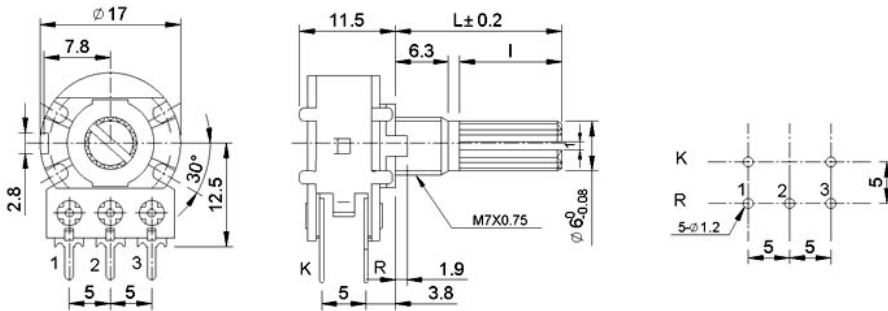
用途

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 | | 指标 SPECIFICATION |
|---------------------------------------|---|---|
| 电气性能 Electrical Characteristics | 工作温度 Temp Range | $-10^{\circ}\text{C}\sim 100^{\circ}\text{C}$ |
| | 额定功率 Rated Power | Curve B:0.125W Other curve B: 0.063W |
| | 最大工作电压 Max Operation Voltage | Curve B:AC 200V Other than B:AC 150V |
| | 阻值范围 Resistance Range | 1K Ω ~2M Ω |
| | 阻值允许偏差 Allow Desistance Tolerance | $\pm 20\%$ (1M Ω or more30%) |
| | 转动噪声 Rotational Noise | $\leq 47\text{mV}$ |
| | 终端电阻 Terminal Resistance | R $\geq 250\text{K}\Omega$ 0.1%R max 250K Ω >R>10K Ω 20 Ω max 10 K Ω \geq R 10 Ω max |
| | 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 20m Ω |
| | 开关额定功率 Rated switching power | DC16V 3A |
| 绝缘电阻 Insulation Resistance | More than 100M Ω at DC500V | |
| 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 | $300^{\circ}\pm 5^{\circ}$ |
| | 开关寿命 Switch life | 10,000 times |
| | 旋转寿命 Rotary life | 10,000 cycles |
| | 止挡强度 Shaft Stopper Strength | 6Kgf.cm/min |
| | 轴推拉强度 Push Pull Strength | 70 N |
| | 开关操作力 Switch working force/torque | 50~300gf.cm |
| 开关动作角度 Switch working angle | $35^{\circ}\pm 5^{\circ}$ | |
| 焊接 Soldering | $235^{\circ}\text{C}\pm 5^{\circ}\text{C}$: $\leq 3\text{s}$ | |