



NINGBO KLS ELECTRONIC CO.,LTD.

L-KLS4-WH9011-1-B103-L15 塑料轴旋转式碳膜电位器

(L-KLS4-WH9011-1-B103-L15 ROTARY POTENTIOMETERS WITH PLASTIC 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: $-20^{\circ}\sim 70^{\circ}$

-Operating temperature: $-20^{\circ}\sim 70^{\circ}$

特点

Features

□电阻体以嵌入式树脂包覆, 防尘性、耐焊剂性佳

-Insert molding with resin around the resistor prevents flux build-up

□本体积只有 9.5mm, 小型化最实用

-Small, only 9.5mm wide

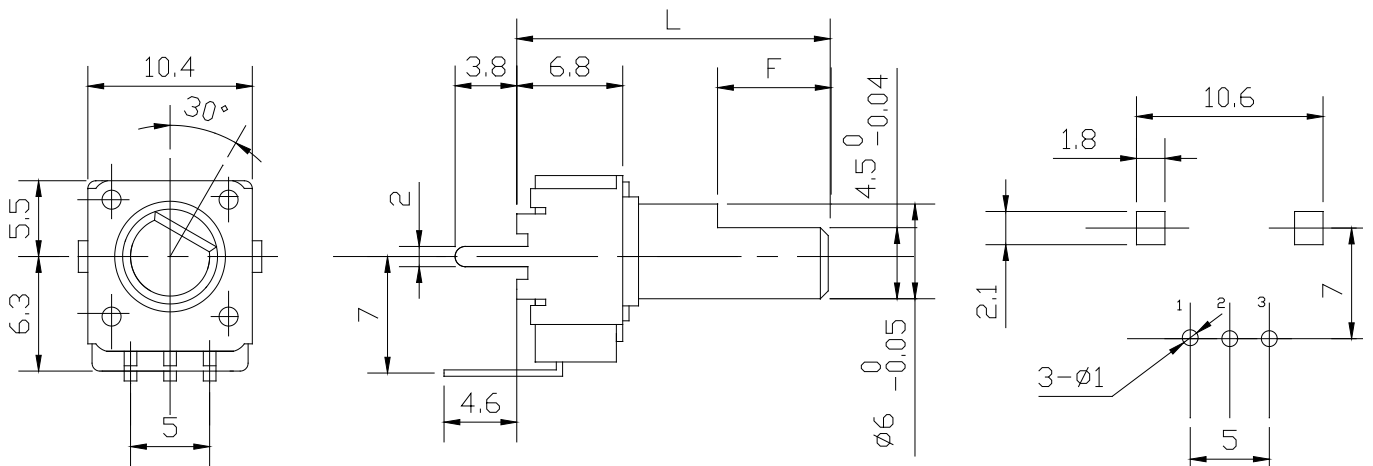
用途

Applications

□多媒体, DVD, 汽车音箱等

-Computer speaker, DVD, Car stereos etc

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





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性能说明 CHARACTERISTICS

| 项目 ITEM | | 规格 SPECIFICATION |
|---------------------------------------|-------------------------------------|---------------------------------------|
| 电气性能 Electrical Characteristics | 工作温度 Operating Temperature | (-20°C) ~ (+70°C) |
| | 总阻值 Total Resistance | 1KΩ~2MΩ |
| | 额定功率(在 70°C时) Rated Power (at 70°C) | B:0.05W ; A、C:0.033W |
| | 最大工作电压 Max Operation Voltage | Curve B:AC50V; Other curve B AC25V |
| | 绝缘电阻 Insulation Resistance | More than 100MΩ at DC250V |
| | 抗电强度 Dielectric | AC300V,1minute |
| | 转动噪音 Rotational Noise | ≤47mv |
| | 阻值允许偏差 Allow Desistance Tolerance | ±20% |
| | 终端电阻 Terminal resistance | 10Ωmax |
| | 电阻规律 Resistance Law | A(lin)、B(log)、C(Alog) |
| | 残留电阻 Residual Resistance | |
| 250 KΩ>R>10 KΩ | | 20Ωmax |
| 10 KΩ≥R | | 10Ωmax |
| 机械性能 Mechanical Characteristics | 旋转力矩 Rotational Torque | 1~8mN.m (10~80gf.cm) |
| | 总旋转角度 Total Rotation Angle | 300°±10° |
| | 轴推拉强度 Push Pull Strength | 5Kgf |
| | 止档强度 Shaft Stop Strength | 0.4N.m (4Kgf.cm) |
| | 机械寿命 Mechanical Life | 10,000 cycles |
| 焊接 Soldering | | 温度 T≤260°C: 时间 t≤10s |