



# PT10LH01 微调合成碳膜电位器

(PT10LH01 MM TRIMMER POTENTIOMETERS)

## 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: -25℃~+70℃

-Operating temperature: -25℃~+70℃

## 特点

## Features

□长寿命, 低成本

-Carbon resistive element.

□优良的防尘结构, 没有任何开口部分

-Dust proof enclosure.

□阻值线性多样化

-Polyester substrate.

□力矩小

-Also upon request:

□旋转 50%处有定位或整个旋转行程带定位

◇Wiper positioned at 50% or fully clockwise.

□品种规格多, 适用性强

◇Supplied in magazines for automatic insertion.

◇Long life model for low cost control pot applications

◇self extinguishable plastic UL 94V-0

◇cut track option

◇special tapers

◇mechanical detents

◇low & extra low torque versions

◇special switch option

## 性能说明 CHARACTERISTICS

### 电气性能 ELECTRICAL SPECIFICATIONS

阻值范围 Range of valuse

$100\ \Omega \leq R_n \leq 5M\ \Omega$

阻值误差 Tolerance

$100\ \Omega \leq R_n \leq 1M\ \Omega \dots\dots\dots \pm 20\%$

$1M\ \Omega < R_n \leq 5M\ \Omega \dots\dots\dots \pm 30\%$

最大电压 Max. voltage

200V DC (lin), 100V DC (no lin)

额定功率 Rated power

0.15W (lin), 0.07W(no lin)

线性 Taper

Lin, Log, ALog

残留电阻 Residual resistance

$\leq 5\% R_n (3\ \Omega\ \text{min})$

平滑性 Equivalent noise resistance

$\leq 3\% R_n (3\ \Omega\ \text{min})$

**机械性能 MECHANICAL SPECIFICATIONS**

机械旋转角度 Mechanical rotation angle	235° ±5°
电气旋转角度 Electrical rotation angle	220° ±20°
旋转力矩 Torque	0.4~2Ncm
止档力矩 Stop torque	>5Ncm
耐久性 endurance	Long life 10,000cycles
焊接 Soldering	温度 T≤260°C±5°C,时间 t≤5s

**外形图及安装尺寸 DRAWING AND MOUNTING**

h=Vertical mount/Horizontall adjust 立式—水平调节

