

PT15LV17.5 微调合成碳膜电位器

(PT15LV17.5 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.

◇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 torque option

◇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	$100 \Omega \leq R_n \leq 1M \Omega$ □ ±10% □ ±20% $1M \Omega < R_n \leq 5M \Omega$ …… ±30%
最大使用电压 Max voltage	250V DC (lin), 125V DC (no lin)
额定功率 Rated power	0.25W (lin), 0.12W (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	265° ±5°
电气旋转角度 Electrical rotation angle	240° ±20°
旋转力矩 Torque	0.5~2.5Ncm
止档力矩 Stop torque	>10Ncm
机械耐久性 Mechanical endurance	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

