

P 160

(ROTARY CARBON COMPOSITION POTENTIOMETERS)

General

-This specification is applied to potentiometers used for electronic equipment.

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

Features

- 长寿命, 低成本。
- 优良的防尘结构, 没有任何开口部分
- 阻值线性多样化

- Long life model, low cost
- Dust proof construction without any opening part.
- Special tapers.

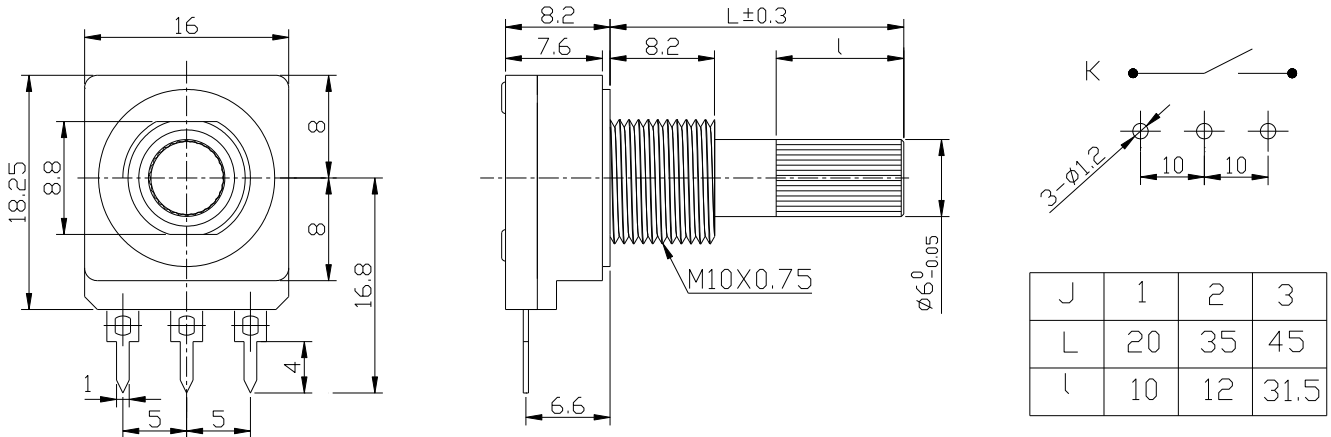
用途

- 灯光调节等

Applications

- Lighting adjustment, etc.

外形图 OUTLINE DRAWING



性能说明 CHARACTERISTICS

项目 ITEM		指标 SPECIFICATION
电气性能 Electrical Characteristics	工作温度 Temp Range	-20℃~+70℃
	额定功率 Rated Power	0.2W(lin) 0.1W(no lin)
	最大工作电压 Max Operation Voltage	250VDC(lin) 125VDC(no lin)
	阻值范围 Resistance Range	500Ω~5MΩ
	阻值允许偏差 Desistance Tolerance	±20%(1MΩ or more30%)
	转动噪声 Rotational Noise	≤47mV
	终端电阻 Terminal Resistance	R≥250KΩ 0.1%R max 250KΩ >R>10KΩ 20Ω max 10KΩ ≥R 10Ω max
	电阻规律 Resistance Law	A、B、C
	绝缘电阻 Insulation Resistance	More than 100MΩ at DC250V
机械性能 Mechanical Characteristics	旋转力矩 Rotational Torque	0.5~1.5 Ncm
	总旋转角度 Total Rotational Angle	300° ±5°
	机械耐久性 Mechanical Endurance	10,000 cycles
	终端止挡强度 Shaft Stopper Strength	70 mNcm
	轴推拉强度 Push Pull Strength	25 N
焊接 Soldering		温度 T≤260℃: 时间 t≤5s