

Model(型號): **ROTARY POTENTIOMETER-----R09V11V01**

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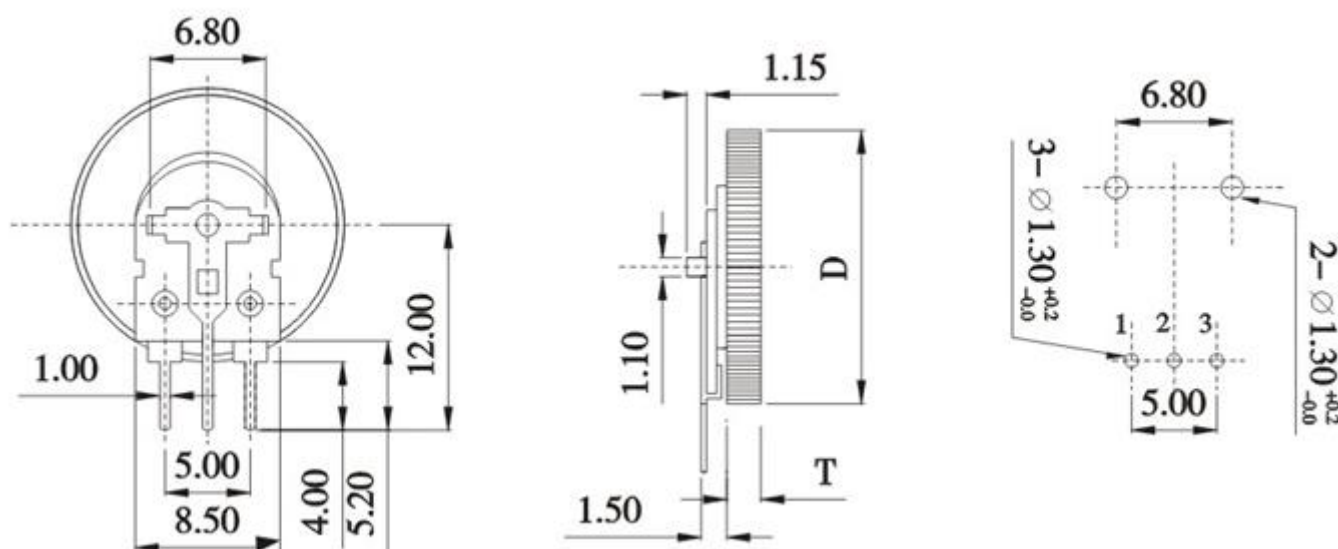
**Features:(特點):**

Thin body, only 0.9mm thickness.  
We offer both the DIP soldering type and reflow type.

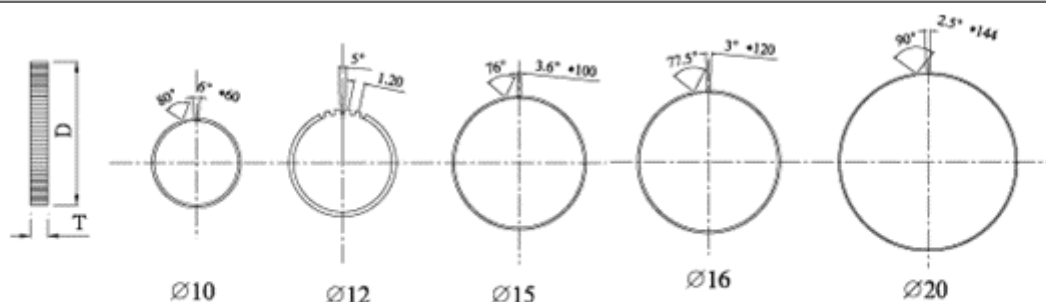
**Applications(作用):**

For volume controls, electronic tuning and brightness control in radio , headphone stereo,liquidcrystal TV set,personal computer, CD-ROM,ect.

**Dimensions(規格圖):**



**TYPE OF KNOB**



| D | Ø10 | Ø12 | Ø15 | Ø16 | Ø20 |
|---|-----|-----|-----|-----|-----|
| T | 1.8 | 1.9 | 0.9 | 1.9 | 3.0 |

**Specifications(規格)**

**Electrical Characteristics [ 電氣性能 ]**

|                                        |                                                              |
|----------------------------------------|--------------------------------------------------------------|
| Total resistance [ 全阻抗值 ]              | 100Ω - 1MΩ                                                   |
| Total resistance tolerance [ 全阻抗值容許差 ] | ±20%                                                         |
| Ratings power(w) [ 額定功率 ]              | 0.05W                                                        |
| Resistance taper [ 阻抗變化特性 ]            | A,B,C,                                                       |
| Residual resistance [ 殘留阻值 ]           | 20Ω Max                                                      |
| Sliding noise [ 滑動雜音 ]                 | 70mV Max.                                                    |
| Gang error [ 連動誤差 ]                    | R ≤ 1KΩ, 30dB~0dB ±3dB Max ;<br>R > 1KΩ, 40dB~0dB ±3dB Max . |
| Insulation resistance [ 絕緣阻抗 ]         | 100MΩ Min. at DC 100V.                                       |
| Max. operating voltage [ 最高使用電壓 ]      | DC 12V                                                       |

| <b>Mechanical Characteristics [ 機械性能 ]</b> |                                                      |
|--------------------------------------------|------------------------------------------------------|
| Operation torque [ 回轉力矩 ]                  | 10~60gf . cm                                         |
| Rotation stopper strength [ 止動強度 ]         | 1.0Kgf . cm Min.                                     |
| Total rotational angle [回轉角度]              | 220 ±5°                                              |
| Knob push-pull strength [推拉強度]             | Push force 0.5kgf. cm Max. pull force 0.2kgf.cm Max. |
| <b>Endurance Characteristics [ 耐久性能 ]</b>  |                                                      |
| Rotational life [ 回轉壽命 ]                   | More than10,000 cycles                               |

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