

規格型號 : PW24 系列  
Model :

General 一般事項

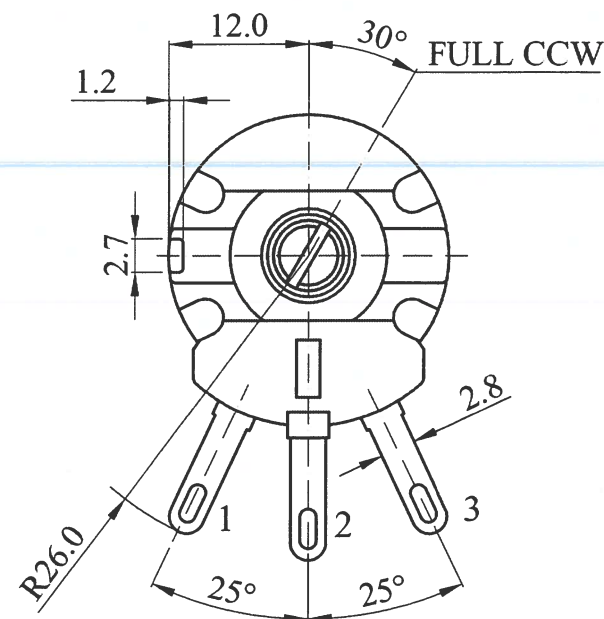
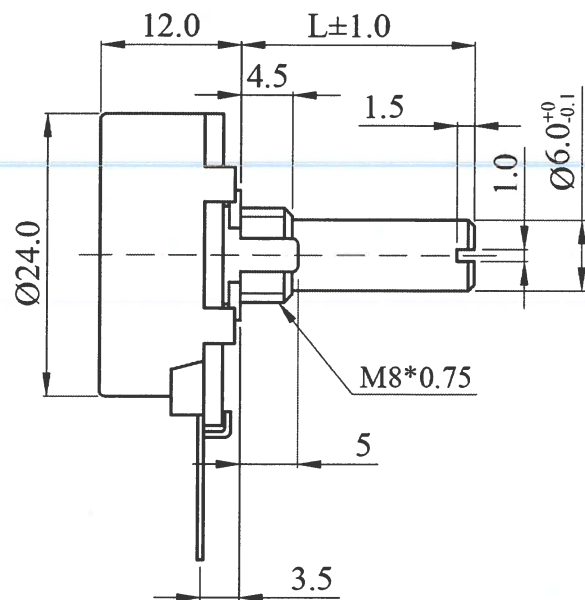
|                                 |                |
|---------------------------------|----------------|
| 使用溫度範圍<br>Operating temperature | -10°C ~ +70°C  |
| 手工焊接<br>Manual soldering        | 300°C Max 3sec |

Electrical Characteristics 電氣特性

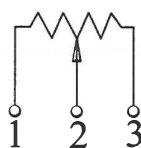
|                                 |                                                                                                                                                                                                                                                                               |                            |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 總阻值(R)<br>Total resistance      | 500 Ω                                                                                                                                                                                                                                                                         |                            |
| 總阻值容許誤差<br>Resistance tolerance | ± 20 %                                                                                                                                                                                                                                                                        |                            |
| 阻值線性<br>Resistance taper        | B Type                                                                                                                                                                                                                                                                        |                            |
| 定格電力<br>Rated power(W)          | 2W (5W for volume control)                                                                                                                                                                                                                                                    |                            |
| 額定電壓<br>Rated voltage(V)        | $E=\sqrt{P \cdot R}$<br>E：Rated voltage 額定電壓(V)<br>P：Power rating 額定電力(W)<br>R：Nominal total resistance 公稱全阻抗值(Ω)<br>當額定電壓超過最高使用電壓的時候，最高使用電壓即為額定電壓<br>When the rated voltage exceeds the maximum operating voltage, the maximum operating voltage shall be the rated voltage. |                            |
| 絕緣阻抗<br>Insulation resistance   | Over 100 MΩ with DC 500 V put between the terminal and the shaft.                                                                                                                                                                                                             |                            |
| 殘留阻值<br>Residual resistance     | 4 ~ 50 Ω Less than 0.3Ω                                                                                                                                                                                                                                                       | 101 ~ 500 Ω Less than 1 Ω  |
|                                 | 51 ~ 100 Ω Less than 0.5 Ω                                                                                                                                                                                                                                                    | 1K ~ 5K Ω Less than 0.2% Ω |
| 耐電壓<br>Withstand voltage        | 1 minute against 50HZ 500V put between the terminal and the shaft.                                                                                                                                                                                                            |                            |

Mechanical Characteristics 機械特性

|                                   |                 |
|-----------------------------------|-----------------|
| 全回轉角度<br>Total rotational angle   | 300 °± 5 °      |
| 全回扭力<br>Rotational torque         | 50 ~ 300 gf .cm |
| 螺帽止強度<br>Nut fastening strength   | 6Kgf .cm Max    |
| 軸推拉強度<br>Shaft push-pull strength | 1 Kgf Max       |
| 回轉壽命<br>Rotational life           | 15,000 Cycles   |



# CIRCUIT



|        |    |  |  |  |  |          |
|--------|----|--|--|--|--|----------|
| L=     | 22 |  |  |  |  | 未标注公     |
| choose | ✓  |  |  |  |  | 10 以下 ±  |
|        |    |  |  |  |  | 10~100 ± |
|        |    |  |  |  |  | 100 以上 ± |

|                            |                             |                            |                   |                           |         |     |
|----------------------------|-----------------------------|----------------------------|-------------------|---------------------------|---------|-----|
| 规格型号: PW24(RE)/N=4.5       |                             |                            |                   | ④                         |         |     |
|                            |                             |                            |                   | ③                         |         |     |
|                            |                             |                            |                   | ②                         |         |     |
|                            |                             |                            |                   | ①                         |         |     |
| 核准: 工程<br>'17.11.10<br>藍濬毅 | 审核: 品管部<br>'17.11.10<br>蘇淑英 | 制图: 工程<br>'17.11.10<br>陳怡君 | 单位 mm<br>比例 1.5:1 | 版本 1.0<br>制图日期 2017.11.10 | 项目 修正内容 | 修正人 |
| 编号 PW-016<br>第三角法          |                             |                            |                   | 修正记事                      |         |     |