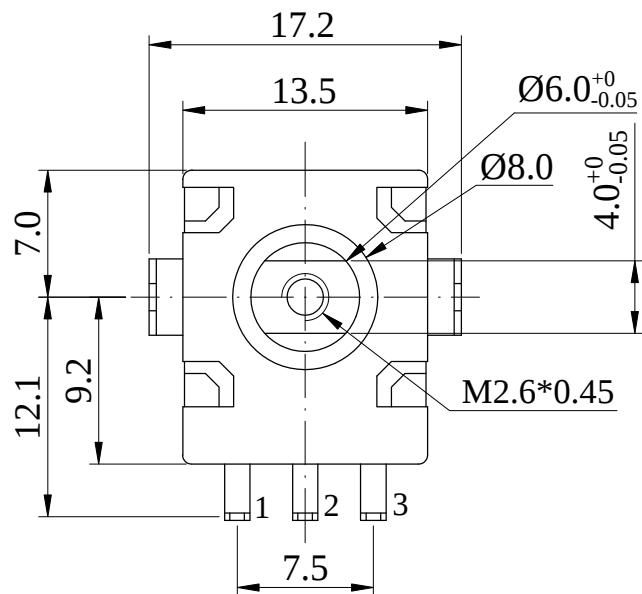




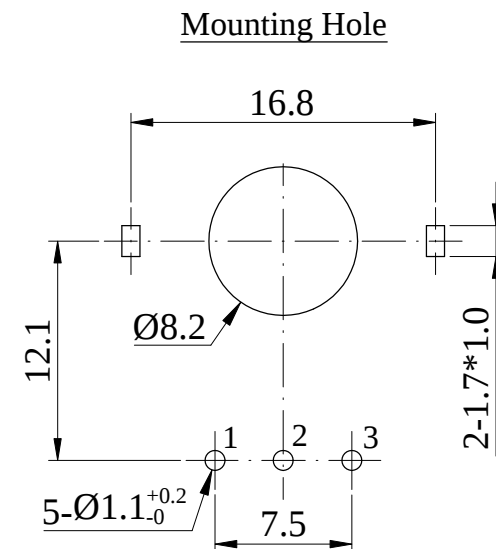
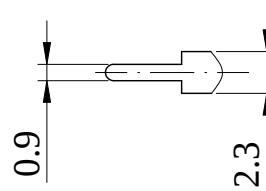
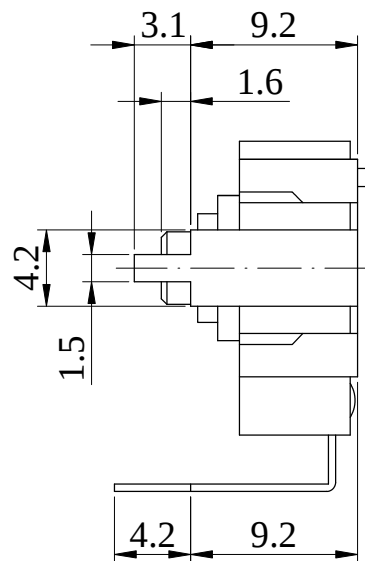
ISO 9001 國際品質認證  
ISO 9001 CERTIFICATE

松 暉 電 機 工 業 股 份 有 限 公 司  
SONG HUEI ELECTRIC CO., LTD.  
佛 山 市 松 暉 電 機 科 技 有 限 公 司  
FOSHAN SONG HUEI ELECTRIC CO., LTD.

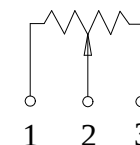
| 一般事項 General                          |                                                                                                                                                                                                                                                                                 |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 使用溫度範圍<br>Operating temperature       | -20 °C ~ +70 °C                                                                                                                                                                                                                                                                 |
| 儲存溫度<br>Storage temperature range     | -40 °C ~ +80 °C                                                                                                                                                                                                                                                                 |
| 手工焊接<br>Manual soldering              | 260 °C max 3 sec                                                                                                                                                                                                                                                                |
| 電氣特性 Electrical Characteristics       |                                                                                                                                                                                                                                                                                 |
| 總阻值 (R)<br>Total resistance           | 1KΩ ~ 100 KΩ                                                                                                                                                                                                                                                                    |
| 總阻值容許誤差<br>Total resistance tolerance | ±10 %                                                                                                                                                                                                                                                                           |
| 阻值線性<br>Resistance taper              | A □ B □ C □ D □                                                                                                                                                                                                                                                                 |
| 摺動雜音<br>Sliding noise                 | Less than 100 mV                                                                                                                                                                                                                                                                |
| 殘留阻值<br>Residual resistance           | ≤3% Ω                                                                                                                                                                                                                                                                           |
| 定格電力<br>Rated power (W)               | Linear (B) taper: 0.05 W<br>Other tapers: 0.03 W                                                                                                                                                                                                                                |
| 額定電壓<br>Rated voltage (V)             | $E = \sqrt{P * R}$ 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. |
| 最高使用電壓<br>Max operating voltage       | AC 50V / DC 20V                                                                                                                                                                                                                                                                 |
| 絕緣阻抗<br>Insulation resistance         | More than 100 MΩ at DC 250 V                                                                                                                                                                                                                                                    |
| 耐電壓<br>Withstand voltage              | 1 minute at AC 300 V                                                                                                                                                                                                                                                            |
| 機械特性 Mechanical Characteristics       |                                                                                                                                                                                                                                                                                 |
| 全回轉角度<br>Total rotational angle       | □ 170 ° ± 5 ° □ 180 ° ± 5 ° □ 270 ° ± 5 °                                                                                                                                                                                                                                       |
| 全回扭力<br>Rotational torque             | 20 ~ 200 gf.cm                                                                                                                                                                                                                                                                  |
| 全回轉止強度<br>Rotational stopper strength | 3 Kgf.cm max                                                                                                                                                                                                                                                                    |
| 軸推拉強度<br>Shaft push-pull strength     | 3 Kgf max                                                                                                                                                                                                                                                                       |
| 回轉壽命<br>Rotational life               | 30,000 cycles                                                                                                                                                                                                                                                                   |



SHAFT SHOWN IN  
FULL C.C.W POSITION



### CIRCUIT



| Non notation tolerance |      |
|------------------------|------|
| < 10                   | ±0.3 |
| 10 ~ 100               | ±0.5 |
| > 100                  | ±0.8 |



SONG HUEI ELECTRIC CO., LTD.  
FOSHAN SONG HUEI ELECTRIC CO., LTD.

MODEL: 18PN2-180°/0426

Approval



Checked



Projected



UNIT

mm

SCALE

2.5:1

VERSION

1.1

DATE

2015.12.16

DRAWING  
NO.

18PN-005



④

③

②

①

图元整理

ISSUE

SUBJECT

何鴻根

2018. 12. 29

NAME

DATE

RECORD