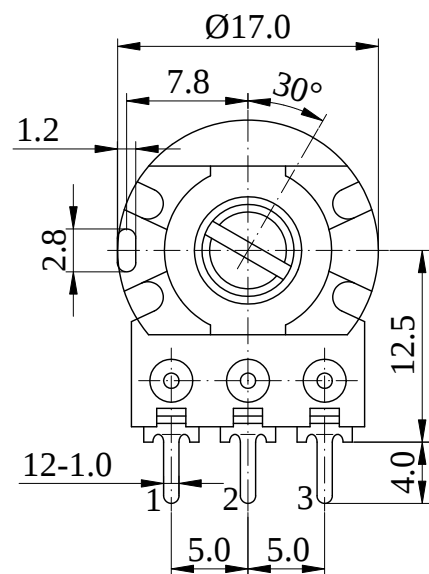
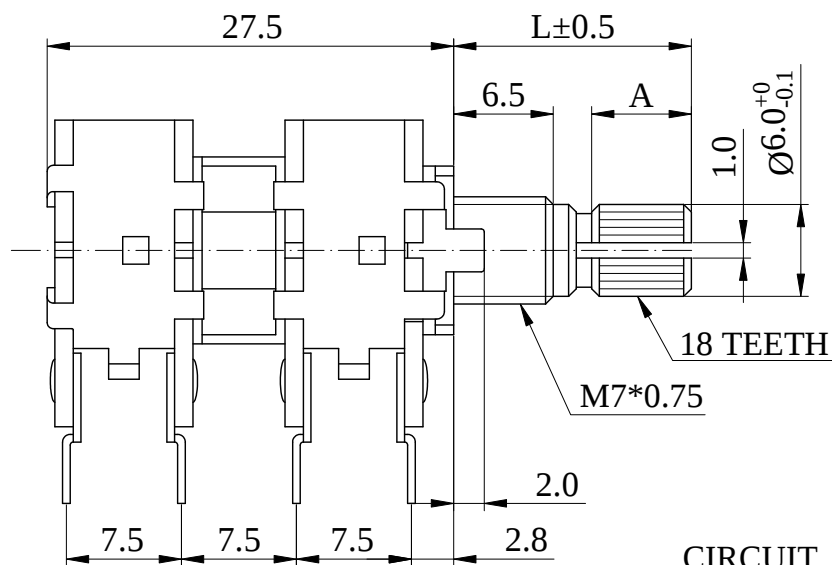




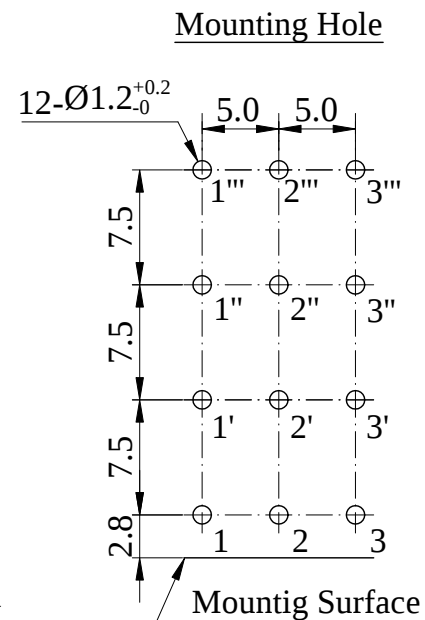
ISO 9001 國際品質認證  
ISO 9001 CERTIFICATE

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.

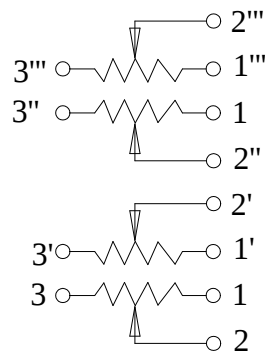
| 一般事項 General                          |                                                                                                                                                                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 使用溫度範圍<br>Operating temperature       | -10 °C ~ +70 °C                                                                                                                                                                                                                                                                    |
| 手工焊接<br>Manual soldering              | 300 °C max 3 sec                                                                                                                                                                                                                                                                   |
| 電氣特性 Electrical Characteristics       |                                                                                                                                                                                                                                                                                    |
| 總阻值 (R)<br>Total resistance           | 500 Ω ~ 2 MΩ                                                                                                                                                                                                                                                                       |
| 總阻值容許誤差<br>Total resistance tolerance | ± 20 % ( More than 1 MΩ ± 30 % )                                                                                                                                                                                                                                                   |
| 阻值線性<br>Resistance taper              | <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> W <input type="checkbox"/> MN                                                                                                                 |
| 摺動雜音<br>Sliding noise                 | Less than 47 mV ( Taper 05 A / 05 C : 80 mV )                                                                                                                                                                                                                                      |
| 殘留阻值<br>Residual resistance           | Less than 20 Ω                                                                                                                                                                                                                                                                     |
| 定格電力<br>Rated power (W)               | Linear (B) taper: 0.125 W<br>Other tapers: 0.06 W                                                                                                                                                                                                                                  |
| 額定電壓<br>Rated voltage (V)             | $E = \sqrt{P * R}$<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. |
| 最高使用電壓<br>Max operating voltage       | Linear (B) taper: AC 200 V<br>Other tapers: AC 150 V                                                                                                                                                                                                                               |
| 絕緣阻抗<br>Insulation resistance         | More than 100 MΩ at DC 500 V                                                                                                                                                                                                                                                       |
| 耐電壓<br>Withstand voltage              | 1 minute at AC 500 V                                                                                                                                                                                                                                                               |
| 相互偏差<br>Gang error                    | -40 dB ~ 0 dB ≤ 3 dB                                                                                                                                                                                                                                                               |
| 機械特性 Mechanical Characteristics       |                                                                                                                                                                                                                                                                                    |
| 全回轉角度<br>Total rotational angle       | 300 ° ± 5 °                                                                                                                                                                                                                                                                        |
| 全回扭力<br>Rotational torque             | 30 ~ 200 gf.cm                                                                                                                                                                                                                                                                     |
| C.C 扭力<br>C.C torque                  | <input type="checkbox"/> 100 ~ 350 gf.cm                                                                                                                                                                                                                                           |
| 全回轉止強度<br>Rotational stopper strength | 6 Kgf.cm max                                                                                                                                                                                                                                                                       |
| 軸推拉強度<br>Shaft push-pull strength     | 7 Kgf max                                                                                                                                                                                                                                                                          |
| 回轉壽命<br>Rotational life               | 15,000 cycles                                                                                                                                                                                                                                                                      |



SHAFT SHOWN IN  
FULL C.C.W POSITION



CIRCUIT



Non notation tolerance

|        |    |    |    |    |  |          |      |
|--------|----|----|----|----|--|----------|------|
| L=     | 15 | 20 | 25 | 30 |  | < 10     | ±0.3 |
| A=     | 6  | 10 | 12 | 12 |  | 10 ~ 100 | ±0.5 |
| choose |    |    |    |    |  | > 100    | ±0.8 |



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

MODEL: RTT16-1(KC)/LAL

Approval



Checked



Projected



UNIT

mm

SCALE

2:1

VERSION

1.1

DATE

2015.11.24

DRAWING  
NO.

16T-091



④

③

②

①

ISSUE

图元整理

SUBJECT

何鴻根

NAME

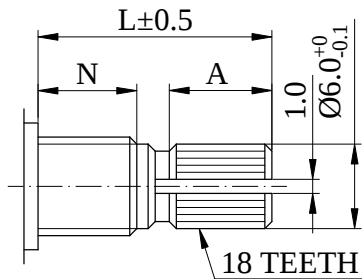
2018. 12. 27

DATE

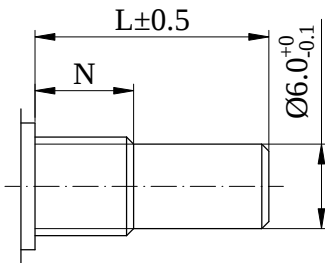
RECORD

Shaft Types 軸型:

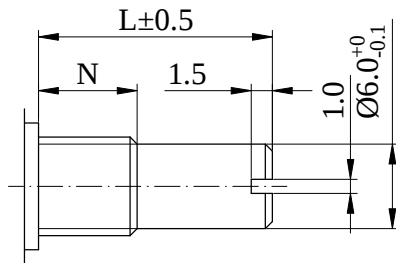
KC-Type



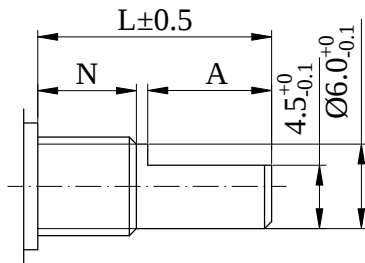
R-Type



RE-Type



F-Type



| N=6.5mm    |   |     |    |    |    |    |    |    |    |
|------------|---|-----|----|----|----|----|----|----|----|
| Shaft Type | L | 10  | 15 | 17 | 20 | 25 | 30 | 35 | 40 |
| KC         | A | 2.2 | 6  | 6  | 10 | 12 | 12 | 12 | 12 |
|            | M | 0.5 | 1  | 1  | 2  | 2  | 4  | 4  | 4  |
| F          | F | 2.5 | 7  | 7  | 12 | 12 | 12 | 12 | 12 |
| R,RE       | L | 10  | 15 | 17 | 20 | 25 | 30 | 35 | 40 |