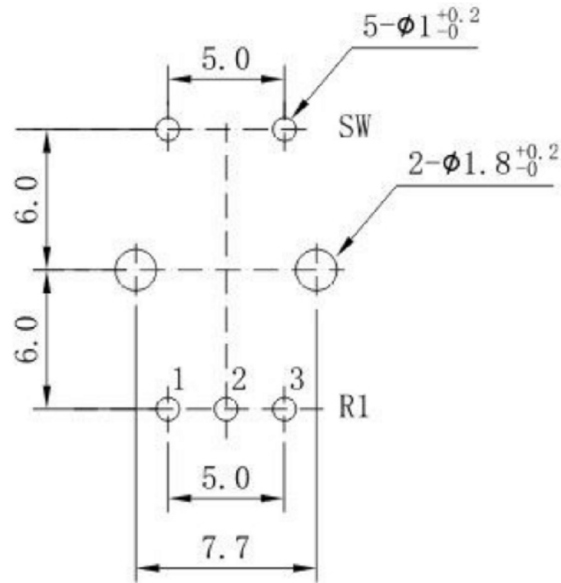


SHAFT SHOWN IN FULL C. C. W. POSITION



P. C. B MOUNTING HOLE DETAIL

| | | | |
|----|----|----|----|
| L | 25 | 30 | 30 |
| F | 8 | 8 | 8 |
| L1 | 15 | 20 | 15 |
| F1 | 5 | 5 | 5 |

KSD SWITCH CONNECTOR RV097 SERIES ROTARY POTENTIOMETERS RV097 旋转电位器

Electrical characteristics 电气特性

| | |
|----------------------------------|------------------------------------|
| Total Resistance Range 总阻值 | 500Ω≤TRs1MΩ |
| Resistance Tolerance 总阻值容许公差 | ±20% |
| Resistance Taper 阻值线性 | A, B, C taper. |
| Rating Power 额定功率 | B taper: 0.05W; Other taper: 0.02W |
| Slide Noise 杂讯 | Less than 100mV |
| Residual Resistance Value 残留阻值 | Less than 20Ω |
| Dielectric Voltage 耐电压 | For 1 minute or more AC 250V |
| Insulation resistance 绝缘阻抗 | More than 100MΩ at DC 250V |
| Tracking Error 同步误差 | -40~0 dB ≤ ±3dB |
| Switch Contact Resistance 开关接触电阻 | 200mΩ Max |

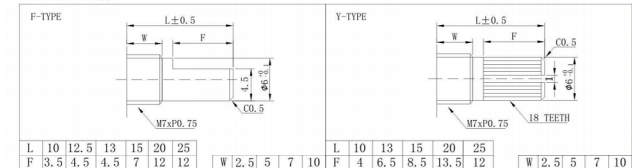
Mechanical characteristics 机械特性

| | |
|-----------------------------------|-----------------------|
| Total Rotational Angle 旋转角度 | 300°±10° |
| Rotational Torque 旋转力矩 | 20gf.cm~250 gf.cm |
| Number of click 档位数量 | 1CC, 11CC, 21CC, 41CC |
| Click Torque 档位力矩 | 100gf.cm~300 gf.cm |
| Stop Strength 止挡强度 | 4kgf.cm |
| Shaft Push & Pull Strength 轴推拉力强度 | 10kgf.cm |
| Switch Rotation Angle 开关旋转角度 | 50°±10° |
| Switch Action 开关作动力 | 100~450gf.cm |

Environmental characteristics

| | |
|----------------------|---------------|
| Rotational Life 旋转寿命 | 10,000 cycles |
|----------------------|---------------|

RV097 轴心规格



* 具体轴心规格, 可依客户需求订做。
Specific axis specifications can be customized according to customer needs.

广东科斯达电子科技有限公司
KSDKG Guang dong Keside Electronic Technology Co., Ltd.

TOLERANCE UNLESS OTHERWISE STATED: Up to 5 ±0.2, Above 5 ~ 15 ±0.3, Above 15 ~ 30 ±0.4, Above 30 ~ 50 ±0.5, Angle ±0.3°

3RD. ANGEL'S



UNITS MM

DRAWN BY: Jack Lu
CHECKED BY: Jacky Chen
APPROVED BY: Tony Kao
DATE: 07/23/13

MAT'L
FINISH
SCALE 1:1
SHEET NO. 1 of 1

TITLE ROTARY POTENTIOMETER
MODLE 旋转电位器系列
DWG NO. KSD-RV-0972N-STR
PART NO.

SIZE A4
VER R2

| | | | |
|----------|-------------|----------|--------|
| 2 | 公差及料號更新 | Jack | 072313 |
| 1 | 圖面更新 | Frank Wu | 021012 |
| ITEM NO. | DESCRIPTION | DRAWN | DATE |