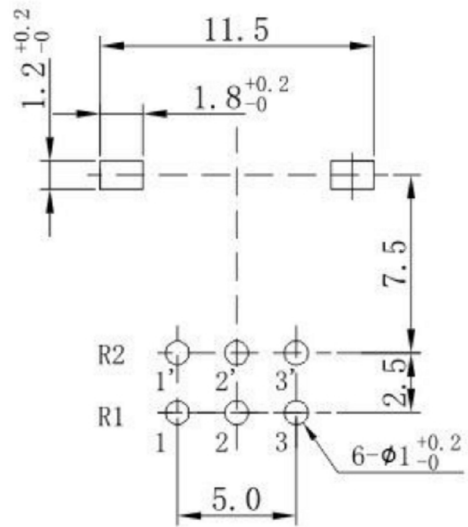


SHAFT SHOWN IN FULL  
C. C. W. POSITION



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 ≤ TR ≤ 1MΩ
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

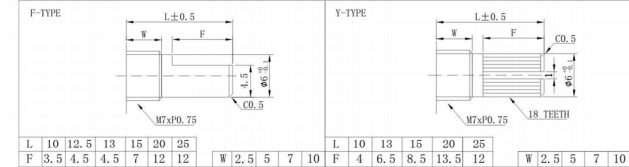
**Mechanical characteristics 机械特性**

Total Rotational Angle 旋转角度	300° ± 10°
Rotational Torque 旋转力矩	20gf.cm ~ 250gf.cm
Number of click 段位数量	1CC, 11CC, 21CC, 41CC
Click Torque 段位力矩	100gf.cm ~ 300gf.cm
Stop Strength 止挡强度	4kgf.cm
Shaft Push & Pull Strength 轴推拉强度	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
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**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
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DRAWN BY: Jack Lu	DATE: 07/23/13	MAT'L	TITLE: ROTARY POTENTIOMETER
CHECKED BY: Jacky Chen	DATE: 07/23/13	FINISH	MODLE: 旋转电位器系列
APPROVED BY: Tony Kao	DATE: 07/23/13	SCALE: 1:1	DWG NO.: KSD-RV-0972G
		SHEET NO.: 1 of 1	PART NO.

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

SIZE	A4
VER	R2