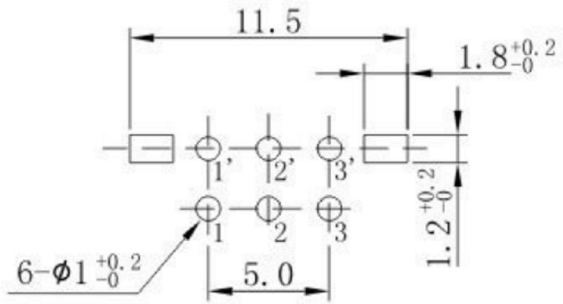


SHAFT SHOWN IN FULL
C. C. W. POSITION



P. C. B MOUNTING HOLE DETAIL

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~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

F-TYPE						Y-TYPE						
L	10	12.5	13	15	20	25	L	10	13	15	20	25
F	3.5	4.5	4.5	7	12	12	F	4	6.5	8.5	13.5	12
W	2.5	5	7	10			W	2.5	5	7	10	

* 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 Kesida 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:	DATE	MAT'L	TITLE	ROTARY POTENTIOMETER
Jack Lu	07/23/13	FINISH	MODLE	旋转电位器系列
CHECKED BY:	DATE	SCALE	DWG NO.	KSD-RV-0952G
Jacky Chen	07/23/13	SHEET NO.	PART NO.	
APPROVED BY:	DATE			SIZE
Tony Kao	07/23/13			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