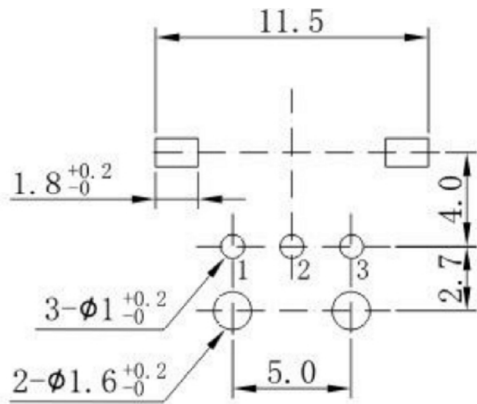


SHAFT SHOWN IN FULL
C. C. W. POSITION



P. C. B MOUNTING HOLE DETAIL

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

Electrical characteristics 电气特性

Total Resistance Range 总阻值	500ΩsTR≤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	W	2.5	5	7	10	W	2.5	5	7	10
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，可依据客户需求订做。
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
DATE: 07/23/13
DATE: 07/23/13

MAT'L
FINISH
SCALE 1:1
SHEET NO. 1 of 1
TITLE
MODLE
DWG NO.
PART NO.

ROTARY POTENTIOMETER
旋转电位器系列
KSD-RV-0951N-2F

SIZE
A4
VER
R2

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