



P.C.B MOUNTING HOLE DETAIL

SW1 电路图  
SWITCH CIRCUIT

F-TYPE		Y-TYPE																					
	<table border="1"><tr><td>L</td><td>15</td><td>17.5</td><td>20</td><td>25</td></tr><tr><td>F</td><td>7</td><td>9.5</td><td>12</td><td>12</td></tr></table>	L	15	17.5	20	25	F	7	9.5	12	12		<table border="1"><tr><td>L</td><td>15</td><td>17.5</td><td>20</td><td>25</td></tr><tr><td>F</td><td>7</td><td>9.5</td><td>12</td><td>12</td></tr></table>	L	15	17.5	20	25	F	7	9.5	12	12
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Electrical characteristics 电气特性

Rating Power 额定功率	DC5V 10mA
Contact Resistance 接触阻抗	Less than 1Ω
Dielectric Voltage 耐电压	For 1 minute or more AC 300V
Insulation Resistance 绝缘阻抗	More than 100MΩ at DC 250V

Mechanical characteristics 机械特性

Total Rotational Angle 旋转角度	90°±10°
Rotational Torque 旋转力矩	30gf.cm~300 gf.cm
Shaft Push & Pull Strength 轴推拉强度	8kgf.cm
Travel of switch 开关移动量	0.5±0.3 mm
Operating force of switch 开关动作力	500±200gf

Environmental characteristics

Rotational Life 旋转寿命	30,000 cycles
Switch Life 开关寿命	20,000 cycles

**广东科斯达电子科技有限公司**  
KSDRG 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 DATE: 07/23/13  
CHECKED BY: Jacky Chen DATE: 07/23/13  
APPROVED BY: Tony Kao DATE: 07/23/13

MAT'L		TITLE	KSD-RS ROTARY SWITCH	
FINISH		MODLE	KSD-RS旋转开关系列	
SCALE	1 : 1	DWG NO.	KSD-RS1102	SIZE A4
SHEET NO.	1 of 1	PART NO.		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