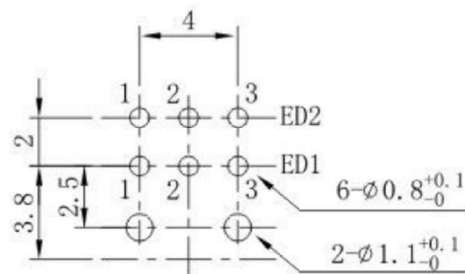


SHAFT SHOWN IN FULL  
C. C. W. POSITION



P. C. B MOUNTING HOLE DETAIL

EC08 SERIES ROTARY ENCODER  
EC08 编码器

Electrical characteristics 电气特性

Rating Power 额定功率	DC5V
CoSlide Noise 杂讯	T Less than 100mV
Contact Resistance 接触电阻	1Ω Max
Dielectric Voltage 耐电压	For 1 minute or more AC 300V
Insulation resistance 绝缘阻抗	More than 10MΩ at DC 250V

Mechanical characteristics 机械特性

Total Rotational Angle 旋转角度	300°±10°
Rotational Torque 旋转力矩	100gf.cm~500 gf.cm
Number of click 档位数量	16 Detents
Stop Strength 止挡强度	3kgf.cm
Shaft Push & Pull Strength 轴推拉强度	10kgf.cm

Environmental characteristics

Rotational Life 旋转寿命	15,000 cycles
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Click Position	C. W															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
ED1 (1-2)	0	1	1	0	0	1	1	0	0	0	1	1	0	0	1	1
ED1 (3-2)	1	1	0	0	1	1	0	0	0	1	1	0	0	1	1	0
ED2 (1-2)	1	1	0	1	0	0	1	1	0	0	1	1	0	1	0	0
ED2 (3-2)	0	0	1	1	1	1	0	0	0	0	1	1	1	1	0	0

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

**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 07/23/13  
CHECKED BY: Jacky Chen 07/23/13  
APPROVED BY: Tony Kao 07/23/13

MAT'L		TITLE	EC ENCODING SWITCH
FINISH		MODLE	EC编码开关系列
SCALE	1 : 1	DWG NO.	KSD-EC-08
SHEET NO.	1 of 1	PART NO.	
			SIZE A4
			VER R2