



P. C. B. MOUNTING DETAIL

EC25 EC28 EC35 EC43 ROTARY ENCODER
EC25 EC28 EC35 EC43 编码器

Electrical characteristics 电气特性

Rating Power 额定功率	DC5V			
Sliding Noise(Bounce)滑动杂音	T2≤3ms			
Dielectric Voltage 耐电压	For 1 minute or more AC 110V			
Insulation resistance 绝缘阻抗	More than 10MΩ at DC 110V			
Resolution 分解能力	EC25	EC28	EC35	EC43
	10P & 20P	15P	15P	20P
Phase Difference 相位差	ΔT≥5MS			

Mechanical characteristics 机械特性

Total Rotational Angle 旋转角度	360°			
Rotational Torque 旋转力矩	50gf.cm~250 gf.cm			
Number of click 段位数量	EC25	EC28	EC35	EC43
	10C & 20C	30C	30C	20C

Environmental characteristics

Rotational Life 旋转寿命	30,000 cycles			
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输出信号

输出旋转方向 Shaft rotational direction	信号 Signal	正向 Direction	反向 Reverse
顺时针方向 C.C.K.	A(“A”端子) A(Terminal A“C”)	OFF ON OFF ON	OFF ON OFF ON
逆时针方向 C.C.K.	B(“B”端子) B(Terminal B“C”)	OFF ON OFF ON	OFF ON OFF ON

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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-EC4301
SHEET NO. 1 of 1	PART NO.	
	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