



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	Δ T±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

输出信号 Signal Direction	信号 Signal	正向 Direction	反向 Reverse
脉冲信号 C.V.	A(A'端子) A(Terminal A')		
脉冲信号 C.V.	B(B'端子) B(Terminal B')		

**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

MAT'L	TITLE	EC ENCODING SWITCH
FINISH	MODLE	EC编码开关系列
SCALE 1 : 1	DWG NO.	KSD-EC-43
SHEET NO. 1 of 1	PART NO.	

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

SIZE A4  
VER R2