



P. C. B MOUNTING HOLE DETAIL

EC09 SERIES ROTARY ENCODER  
EC09 旋转编码器

Electrical characteristics 电气特性

Rating Power 额定功率	DC5V 10mA
Contact Resistance 接触电阻	1Ω Max
Dielectric Voltage 耐电压	For 1 minute or more AC 250V
Insulation resistance 绝缘阻抗	More than 100MΩ at DC 250V
Phase Difference 相位差	ΔT±0.08T
Pulse 脉冲数	10P & 20P

Mechanical characteristics 机械特性

Total Rotational Angle 旋转角度	360°
Rotational Torque 旋转力矩	20gf.cm~200 gf.cm
Number of click 档位数量	20 Detents(Angle:18°±2°)

Environmental characteristics

Rotational Life 旋转寿命	100,000 cycles
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**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  
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MAT'L		TITLE	EC ENCODING SWITCH
FINISH		MODLE	EC编码开关系列
SCALE	1 : 1	DWG NO.	KSD-EC-0902
SHEET NO.	1 of 1	PART NO.	
		SIZE	A4
		VER	R2

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