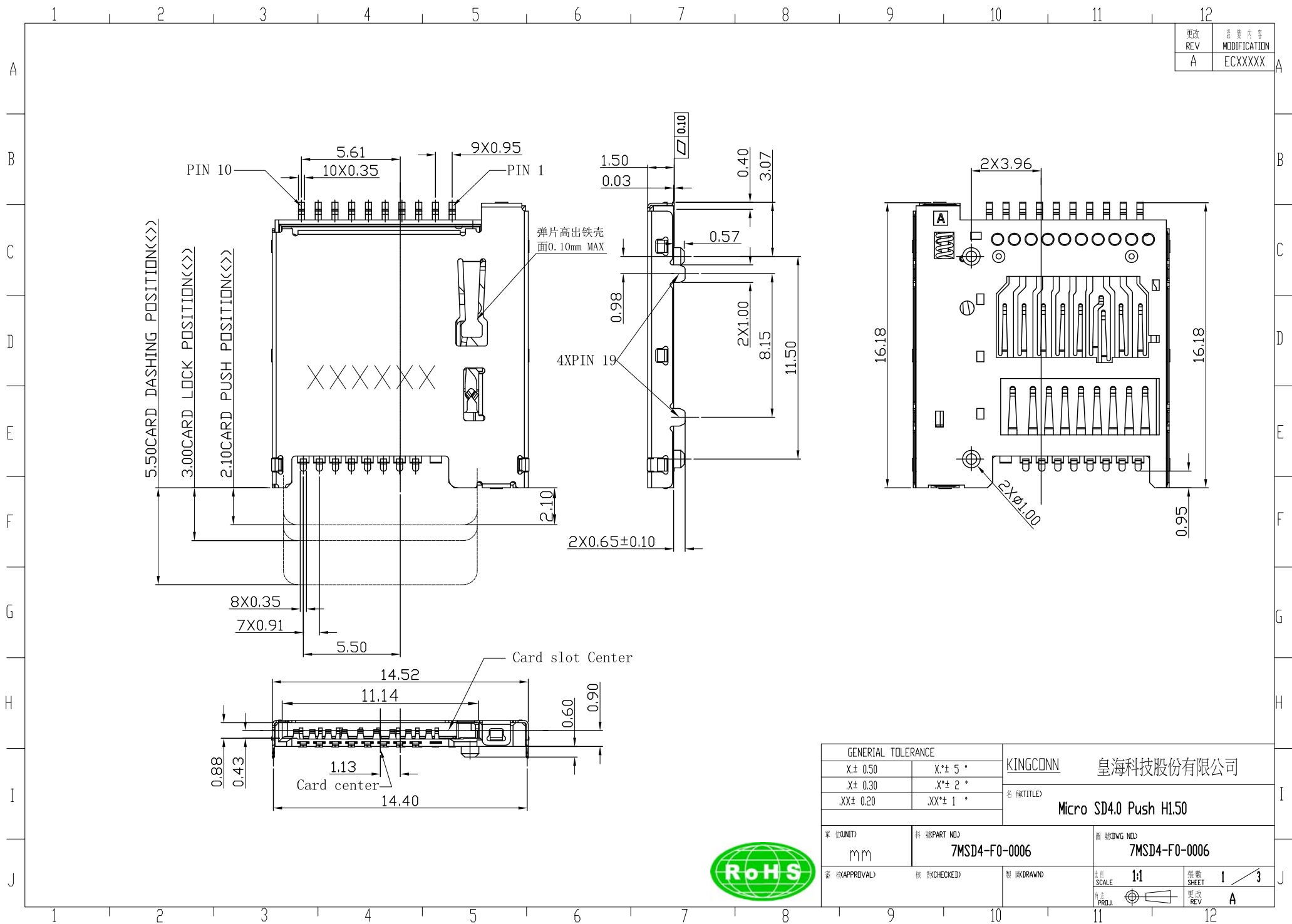
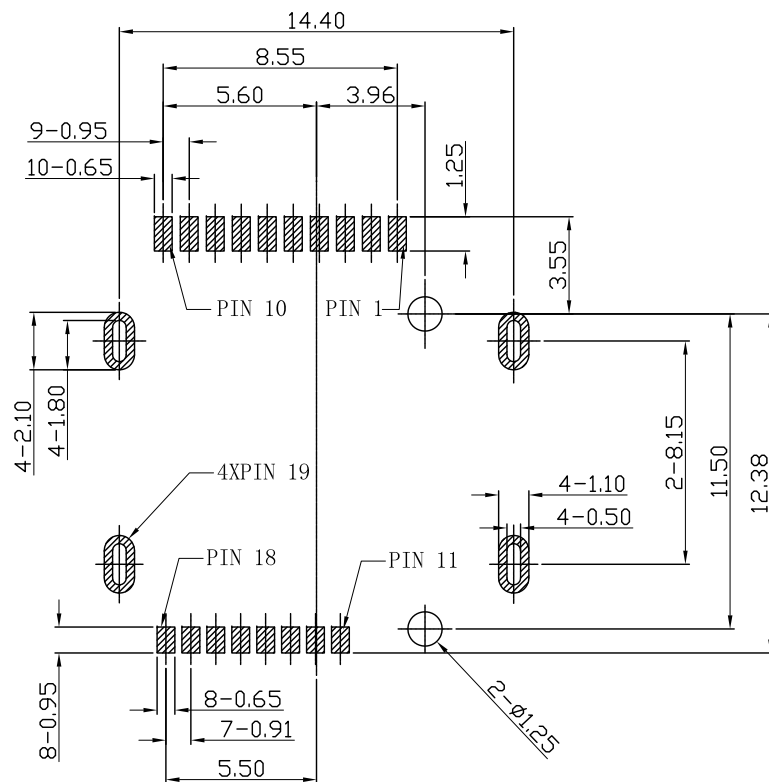


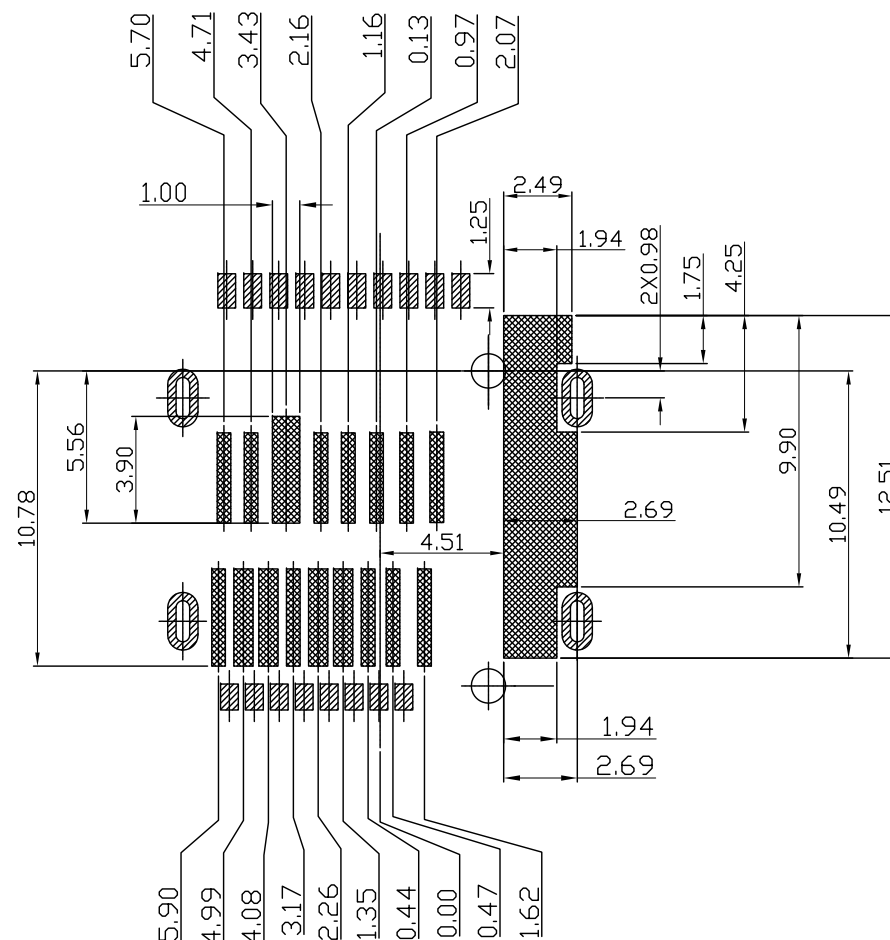


更改 REV	数量 MODIFICATION
A	ECXXXX



PCB PATTERN LAYOUT
(GENERAL TOLERANCE: ± 0.05)

 PAD
 NO trace, NO test point
 NO via hole, NO ground area



GENERAL TOLERANCE		KINGCONN 皇海科技股份有限公司	
X $\pm$ 0.50	X* $\pm$ 5°	名 称(TITLE) Micro SD4.0 Push H1.50	
X $\pm$ 0.30	X* $\pm$ 2°		
XX $\pm$ 0.20	XX* $\pm$ 1°		
单 位(UNIT) mm	料 号(PART NO.) 7MSD4-F0-0006	图 号(DWG NO.) 7MSD4-F0-0006	
审 核(APPROVAL)	核 对(CHECKED)	製 图(DRAWN)	公 比 SCALE 1:1
			张 数 SHEET 2 / 3
			更 改 REV A



Pin Define

Connector PinNo.	MicroSD 4.0 Card Pin No.	Micro SD with UHS-II and SWIO support		
		Name	Type	Description
P1	P9	V _{DD2}	S	Supply voltage(1.8V)
P2	P1	DAT2	I/O	Data Line[Bit 2]
P3	P2	CD/DAT3	I/O	Card Detect/Data Line[Bit 3]
P4	P3	CMD	I/O	Command/Response
P5	P4	V _{DD1}	S	Supply voltage(3.3V)
P6	P5	CLK	I	Clock
P7		CD		
P8	P6	V _{SS}	S	Supply voltage ground
P9	P7	DAT0/RCLK+	I/O	Data Line[Bit 0]/RCLK+
P10	P8	DAT1/RCLK-	I/O	Data Line[Bit 1]/RCLK-
P11	P17	SWIO	I	Single Wire Protocol Interface
P12	P10	V _{SS}	S	Supply voltage ground
P13	P11	D0+	I/O	UHS-II D0+
P14	P12	D0-	I/O	UHS-II D0-
P15	P13	V _{SS}	S	Supply voltage ground
P16	P14	D1-	I/O	UHS-II D1-
P17	P15	D1+	I/O	UHS-II D1+
P18	P16	V _{SS}	S	Supply voltage ground
P19	GND		GROUND	

NOTES :

1. MATERIAL :

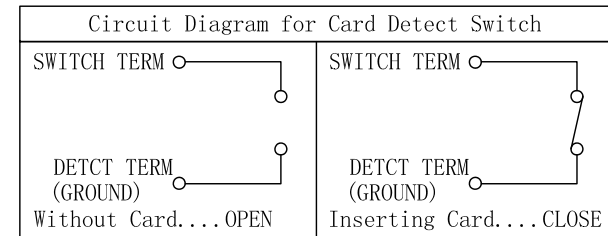
- 1.1 HOUSING:LCP UL94 V-0, BLACK COLOR.
- 1.2 SHELL: STAINLESS STEEL
- 1.3 CONTACT: COPPER ALLOY

2. FINISH :

- 2.1 CONTACT: GOLD PLATING ON CONTACT AREA,
MATTE TIN 80u"MIN ON SOLDER TAIL AREA.
50u" MIN NICKEL PLATING OVERALL.
- 2.2 SHELL: 30u" MIN NICKEL PLATING OVERALL.

3. ELECTRICAL CHARACTERISTICS:

- 3.1 OPERATING VOLTAGE : 100V AC(rms)/DC.
- 3.2 CURRENT RATING : 0.5 A.
- 3.3 OPERATING TEMPERATURE: -25°C~+85°C.
- 3.4 CONTACT RESISTANCE: 100 m OHMS MAX.
- 3.5 INSULATION RESISTANCE: 1000M OHMS MIN. AT 250VDC.
- 3.6 DIELECTRIC WITHSTANDING VOLTAGE:500 VAC/1MINUTE.



GENERAL TOLERANCE		KINGCONN 皇海科技股份有限公司
X± 0.50	X*± 5 °	
.X± 0.30	.X*± 2 °	
.XX± 0.20	.XX*± 1 °	
		名 稱(TITLE) Micro SD4.0 Push H1.50
單 位(UNIT) mm	料 號(PART NO.) 7MSD4-F0-0006	圖 號(DWG NO.) 7MSD4-F0-0006
審 核(APPROVAL)	核 對(CHECKED)	製 圖(DRAWN)
SCALE 1:1	張 數 3	圖 號 A

