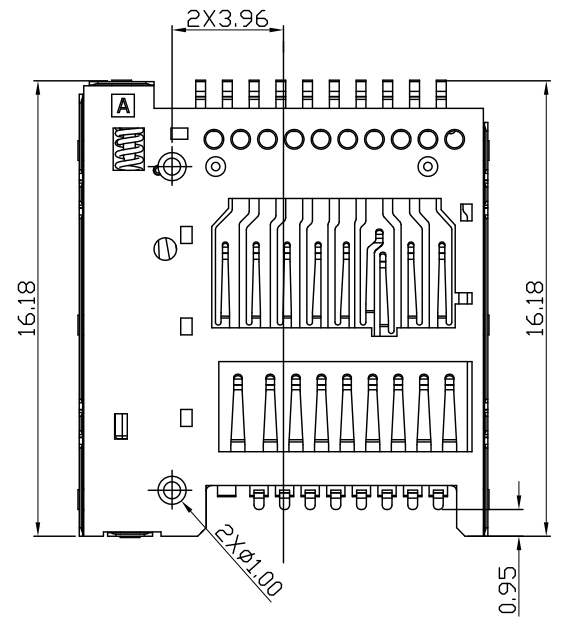
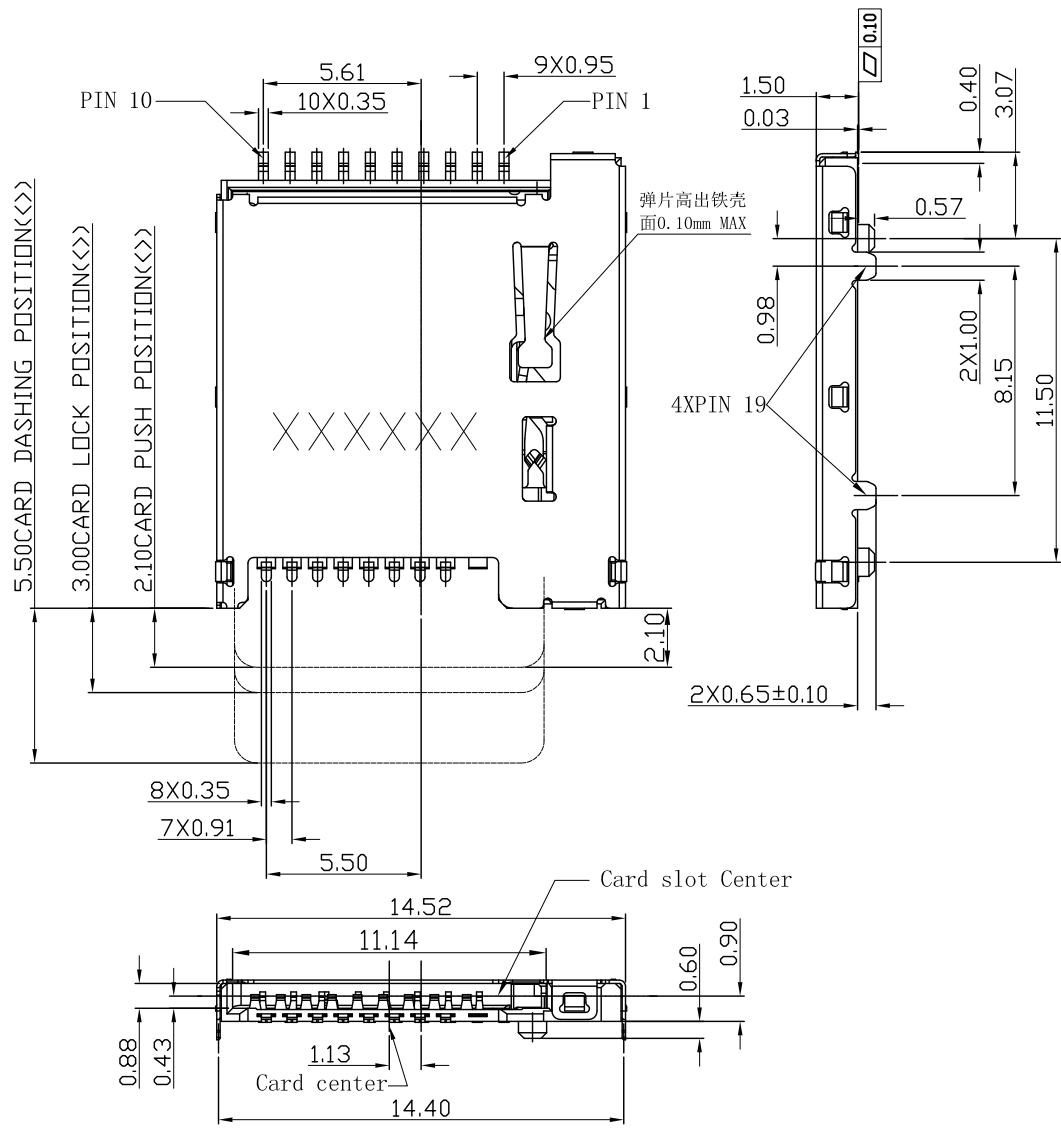
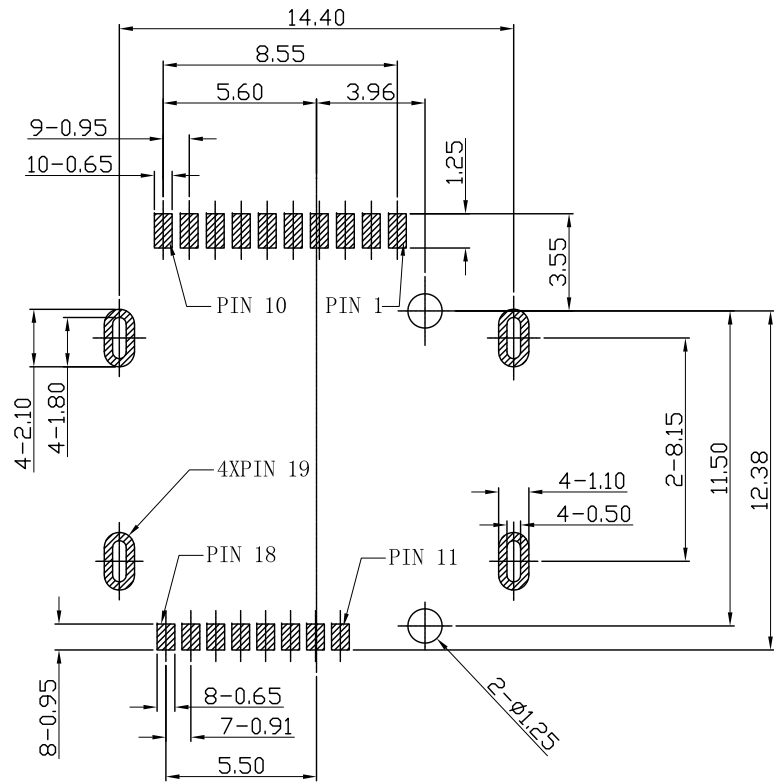


更改 REV	修改内容 MODIFICATION
A	ECXXXXX



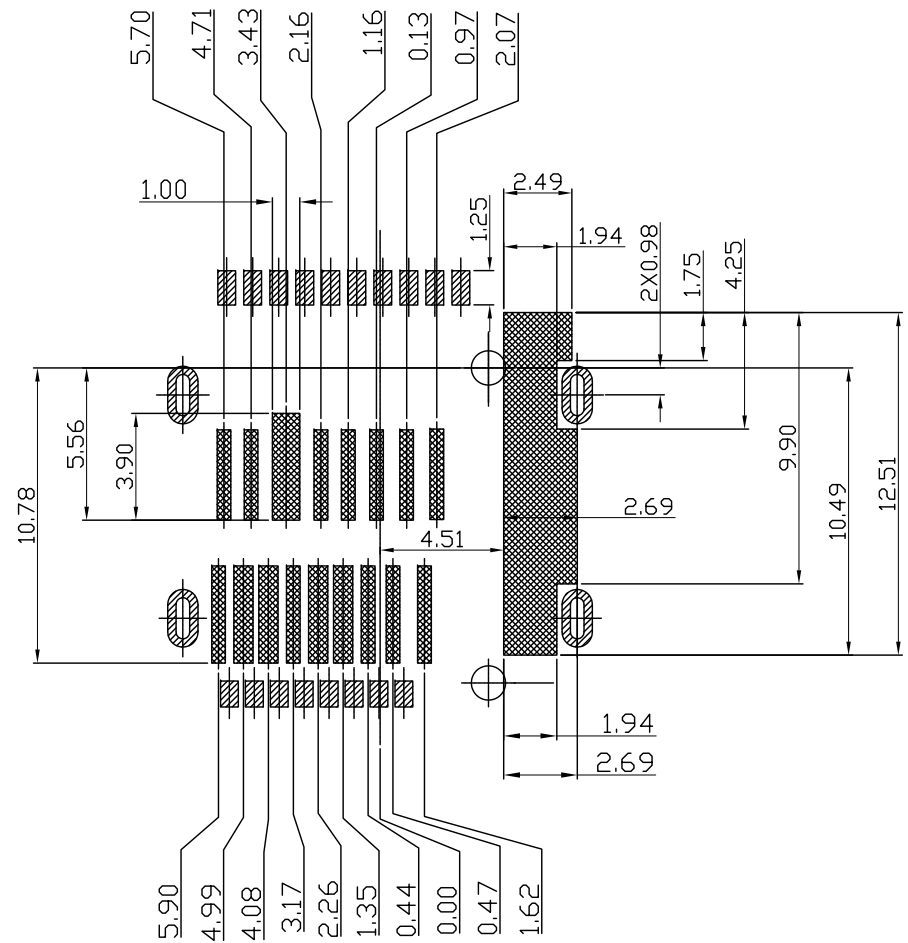
GENERAL TOLERANCE		KINGCONN 皇海科技股份有限公司	
X± 0.50	X*± 5°	名称(TITLE) Micro SD4.0 Push H1.50	
.X± 0.30	.X*± 2°		
.XX± 0.20	.XX*± 1°		
单位(UNIT) mm	料号(PART NO.) 7MSD4-F0-0006	图号(DWG NO.) 7MSD4-F0-0006	
审核(APPROVAL)	检查(CHECKED)	制图(DRAWN)	比例(SCALE) 1:1
			张数(SHEET) 1/3
			更改(REV) A

更改 REV	设计修改 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)	比 例 SCALE 1:1 张 数 SHEET 2 / 3 更 改 REV A



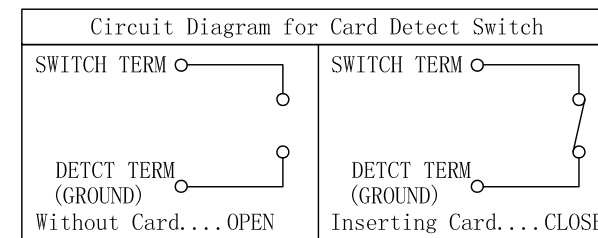
更改 REV	修改内容 MODIFICATION
A	ECXXXXX

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 :

- MATERIAL :
 - HOUSING:LCP UL94 V-0, BLACK COLOR.
 - SHELL: STAINLESS STEEL
 - CONTACT: COPPER ALLOY
- FINISH :
 - CONTACT: GOLD PLATING ON CONTACT AREA, MATTE TIN 80u"MIN ON SOLDER TAIL AREA. 50u" MIN NICKEL PLATING OVERALL.
 - SHELL: 30u" MIN NICKEL PLATING OVERALL.
- ELECTRICAL CHARACTERISTICS:
 - OPERATING VOLTAGE : 100V AC(rms)/DC.
 - CURRENT RATING : 0.5 A.
 - OPERATING TEMPERATURE: -25°C~+85°C.
 - CONTACT RESISTANCE: 100 m OHMS MAX.
 - INSULATION RESISTANCE: 1000M OHMS MIN. AT 250VDC.
 - DIELECTRIC WITHSTANDING VOLTAGE:500 VAC/1MINUTE.



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X± 0.50	X*± 5°	
.X± 0.30	.X*± 2°	
.XX± 0.20	.XX*± 1°	名称(TITLE) Micro SD4.0 Push H1.50
单位(UNIT) mm	料号(PART NO.) 7MSD4-F0-0006	图号(DWG NO.) 7MSD4-F0-0006
审核(APPROVAL)	校对(CHECKED)	制图(DRAWN)
SCALE 1:1		张数(SHEET) 3 / 3
PROJ.		更改(REV) A

