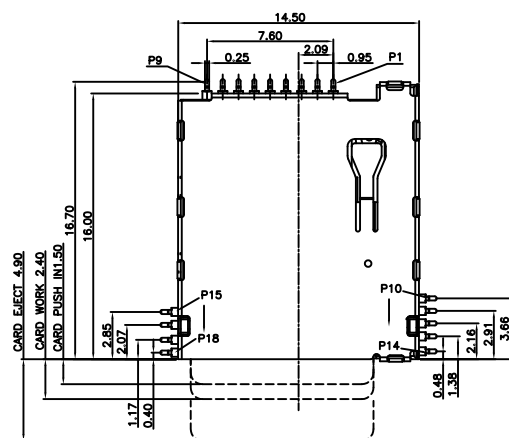
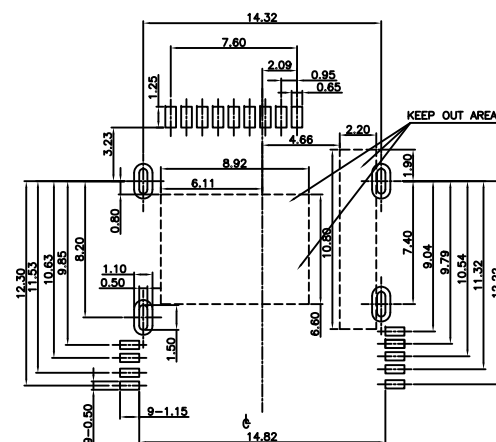


PIN DEFINE:

PIN#	NAME	DESCRIPTION	PIN#	NAME	DESCRIPTION
1	DAT2	DATA LINE BIT2	11	SWIO	SINGLE WIRE PROTOCOL INTERFACE
2	CD/DAT3	CARD DETECT/ DATA LINE BIT3	12	VSS2	SUPPLY VOLTAGE GROUND
3	CMD	COMMAND/RESPONSE	13	D0+	DIFFERENTIAL DATE 0+
4	VDD1	SUPPLY VOLTAGE	14	D0-	DIFFERENTIAL DATE 0-
5	CLK	CLOCK	15	VSS3	SUPPLY VOLTAGE GROUND
6	CD	CARD DETECT	16	D1+	DIFFERENTIAL DATE 1+
7	VSS1	SUPPLY VOLTAGE GROUND	17	D1-	DIFFERENTIAL DATE 1-
8	DAT0	DATA LINE BIT0	18	VSS4	SUPPLY VOLTAGE GROUND
9	DAT1	DATA LINE BIT1			
10	VDD2	SUPPLY VOLTAGE(1.8V)			



RECOMMEENDER PCB LAYOUT
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SPECIFICATION

SPECIFIC MATERIAL

Insulator: Thermal Plastic, Rated UL94V-0

Contacts: Phosphor Copper

Shell: Stainless steel

CONTACT PLATING

Underplate: 50u"~100u" Nickel

Contact area: Gold Flash

Solder tails area: 100u"~200u" Tin

ELECTRICAL

Operation voltage: 10V

Current rating: 0.5A min

Contact resistance: 100mohms

Insulation resistance: 1000Mohms

Dielectric withstanding voltage: 500V AC/Minute

Temperature range: -20°C to $+60^{\circ}\text{C}$

Temperature range: -20°C to
Mating cycles: 3000 insertions

GENERAL TOLERANCE		KINGCONN	皇海科技股份有限公司 Micro SD4.0 Top, Push/Push Type , H 1.30mm	
X± 0.50	X*± 5 °			
.X± 0.30	.X*± 2 °			
.XX± 0.20	.XX*± 1 °			
單位(UNIT)	料號(PART NO)	圖號(DWG NO)		
mm	7MSD4-FA-0001-A	7MSD4-FA-0001-A		
審核(APPROVAL)	核對(CHECKED)	製圖(DRAWN)	比例 SCALE 1:1	張數 SHEET 1 / 1
			修改 REV	A