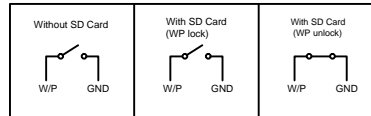
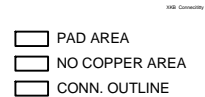


RECOMMENDED PCB LAYOUT

TOLERANCE UNLESS OTHERWISE ±0.05

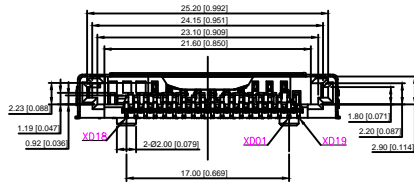


PIN No.	SD		MMC		MMC 4.0		MS	
	Name	Description	Name	Description	Name	Description	Name	Function
W/P		Write Protect						
P01	DAT1	Data Line [Bit 1]			DAT1	Data		
P02	DAT0	Data Line [Bit 0]	DAT	Data	DAT0	Data		
P03					DAT7	Data		
P04	VSS2	Support Voltage Ground	VSS2	Support Voltage Ground	VSS2	Support Voltage Ground	VSS	VSS
P05								
P06					DAT6	Data		
P07							BS	Serial protocol bus state signal
P08	CLK	Clock	CLK	Clock	CLK	Clock		
P09							VCC	VCC
P10	VDD	Support Voltage	VDD	Support Voltage	VDD	Support Voltage	SDIO	Serial protocol data signal
P11							Reserved	Reserved
P12							Reserved	Reserved
P13	VSS1	Support Voltage Ground	VSS1	Support Voltage Ground	VSS1	Support Voltage Ground		
P14							INS	Stick insertion/extraction detect-terminal
P15					DAT5	Data		
P16							Reserved	Reserved
P17	CMD	Command/Response	CMD	Command/Response	CMD	Command/Response		
P18							SCLK	Serial protocol clock signal
P19					DAT4	Data		
P20							VCC	VCC
P21	CD/DAT3	Card Detect/Data Line [Bit 3]	RSV	Reserved for future use	DAT3	Data		
P22							VSS	VSS
P23	DAT2	Data Line [Bit 2]			DAT2	Data		

xD Pin Assignment	
PIN No.	FUNCTION
XD01	CARD DETECT
XD02	READY / BUSY
XD03	READ ENABLE
XD04	CARD ENABLE
XD05	COMMAND LATCH ENABLE
XD06	ADDRESS LATCH ENABLE
XD07	WRITE ENABLE
XD08	WRITE PROTECT
XD09	GND
XD10	DATA0
XD11	DAT1
XD12	DAT2
XD13	DAT3
XD14	DAT4
XD15	DAT5
XD16	DAT6
XD17	DAT7
XD18	VCC
XD19	GND

Note:

- 材料 Material:
 - 1-1. 塑料 Plastic: LCP, S475, Black, UL94V-0
 - 1-2. 触点 Contact: C5210-H
 - 1-3. 外壳 Shell: SUS304-H
- 电镀 Plating:
 - 2-1. 触点 Contact:
 - 接触面 Contact Area: Au 1u"min. Plating Over Ni 50u"min.
 - 焊尾 Solder tail: Matte Tin 100u"min. Plating Over Ni 50u"min.
 - 2-2. 外壳 Shell:
 - 50u"Ni Plating Overall
 - Solder tail: 1u"Gold Plating Over Ni 50u" min.
- Contact And Tail Coplanarity To Be 0.12mm max.



						DSND	DATE	SCALE: N/A	MODEL TYPE: SD5in1 CARD CONN		
ΔX					ANGULAR	DWN	DATE	VIEW:	PART NO.:		
ΔX					L ≤ 4	CHKD	DATE	UNIT: mm/in	DWG NO.:		
ΔX					4 < L ≤ 16	APPD	DATE	SIZE: A4	XXSD-1251-5C1		
MARK	DESCRIPTION	DATE	REVISED	APPROVED	16 < L ≤ 63				WEIGHT	SHEET	REVISION
					L > 63				1.0g	1/1	A0
	REVISIONS				UNSPECIFIED TOLERANCES	XKB INDUSTRIAL PRECISION CO., LIMITED					
	www.xk-dg.cn	www.helloxkb.com	www.helloxkb.cn								

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