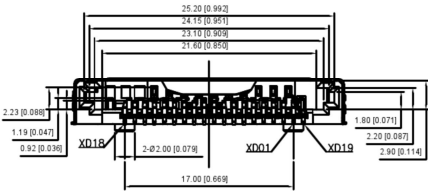
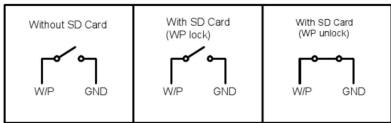


**RECOMMENDED PCB LAYOUT**  
TOLERANCE UNLESS OTHERWISE ±0.05

- PAD AREA
- NO COPPER AREA
- CONN. OUTLINE



SD/MMC/MS Pin Assignment							
SD		MMC		MMC 4.0		MS	
PIN No.	Name	Description	Name	Description	Name	Description	Function
WP	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	
P05						VSS	VSS
P06					DAT6	Data	
P07						BS	Serial protocol bus state signal
P08	CLK	Clock	CLK	Clock	CLK	Clock	
P09						VCC	VCC
P10						SDIO	Serial protocol data signal
P11	VDD	Support Voltage	VDD	Support Voltage	VDD	Support Voltage	
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	CCDAT	Card Data/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	DAT0
XD11	DAT1
XD12	DAT2
XD13	DAT3
XD14	DAT4
XD15	DAT5
XD16	DAT6
XD17	DAT7
XD18	VCC
XD19	GND

Note:  
 1.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  
 2.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.  
 3.Contact And Tail Coplanarity To Be 0.12mm max.

REVISONS	DATE	REVISED	APPROVED	ANGLAR	±5°
				L ≤ 4	±0.2
				4 < L ≤ 16	±0.3
				16 < L ≤ 63	±0.4
				L > 63	±0.5
				UNSPECIFIED TOLERANCES	



DSND	SCALE: N/A	MODEL TYPE:
DWN	VIEW:	SIM CARD CONN
CHKD	UNIT: mm/in	PART NO.: XKSD-1251-5C1
APPD	SIZE: A4	DWG NO.:

WEIGHT	SHEET	REVISION
	1/1	A0