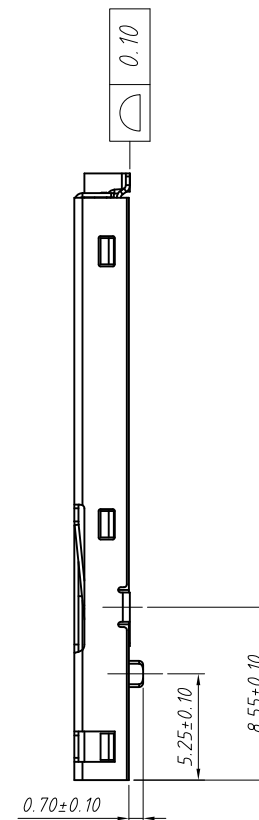
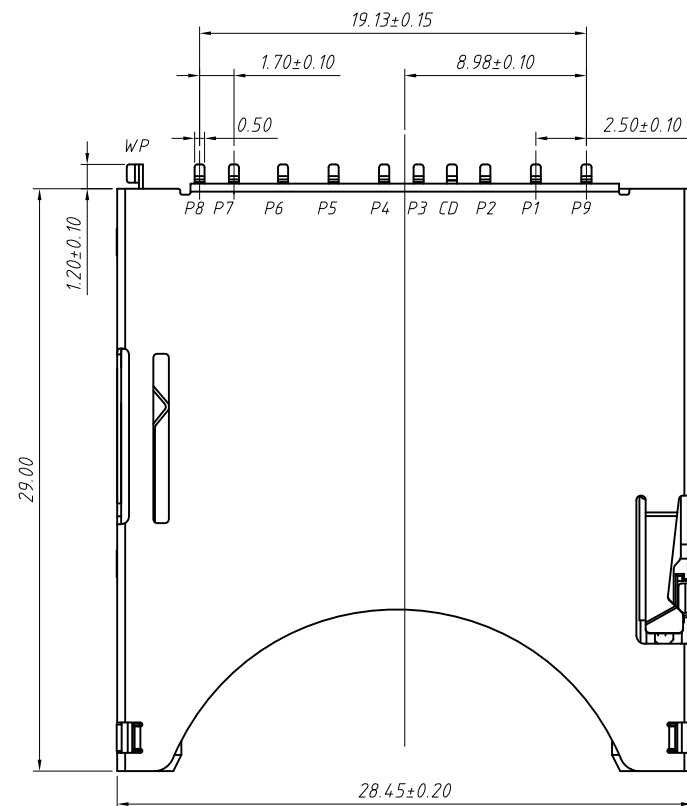
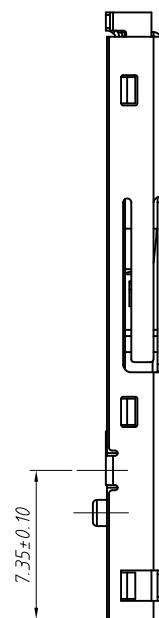


PIN NO.		SD	MMC
P1	MMC-DAT;SD-DAT3	1 P	1 P
P2	MMC-CMD;SD-CMD	2 P	2 P
P3	MMC-VSS1;SD-VSS1	3 P	3 P
P4	MMC-VDD;SD-VDD	4 P	4 P
P5	MMC-CLK;SD-CLK	5 P	5 P
P6	MMC-VSS2;SD-VSS2	6 P	6 P
P7	MMC-ADT;SD-DAT0	7 P	7 P
P8	SD-DAT1	8 P	
P9	SD-DAT2	9 P	



Material:

Insulator:High Temperature Thermoplastic,UL 94 V-0.

Contact:Copper Alloys.Plated 50u" Ni Overall Plated Au Selective

Contact Area,Plated 100u" Sn Over Ni On Solder Area.

Shell:Plated 50u" Ni Overall.

Electrical:

Voltage Rating:125V AC/DC

Current Rating:0.5mA AC/DC Max.

Ambient Temperature Range:-20°C ~ +60°C

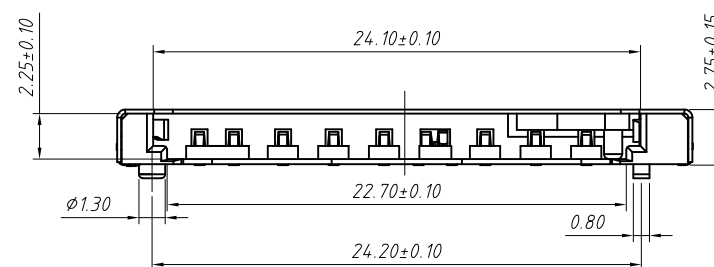
Storage Temperature Range:-40°C ~ +70°C

Ambient Humidity Range:95% R.H. Max.

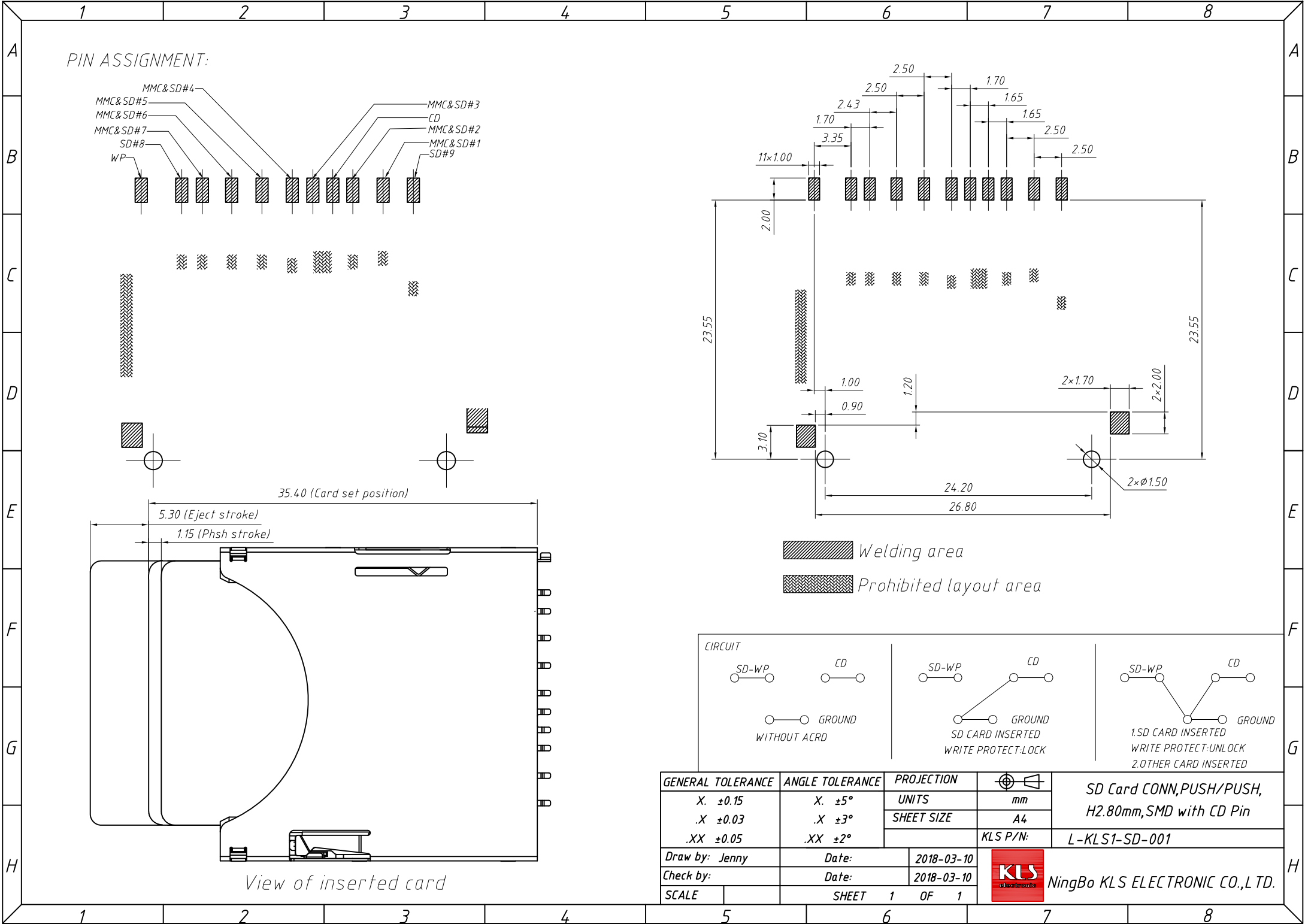
Contact Resistance:100mΩ Max.

Insulation Resistance:1000MΩ Min./500V DC

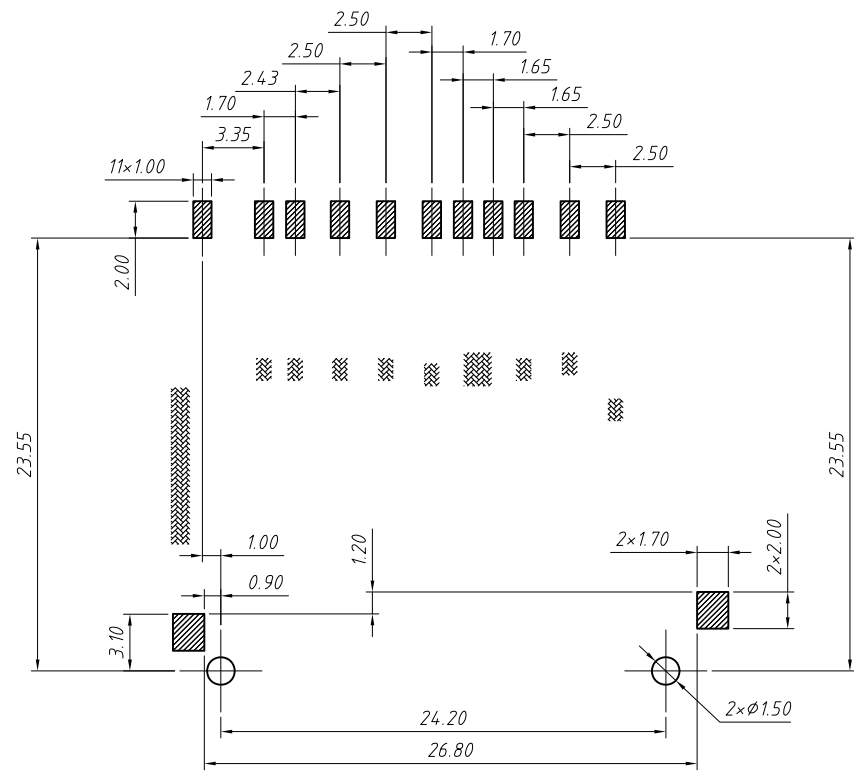
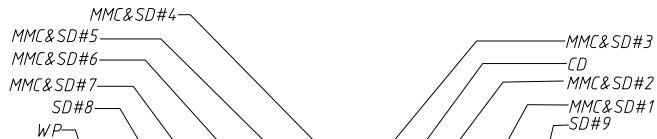
Mating Cycles:10000 Insertions.



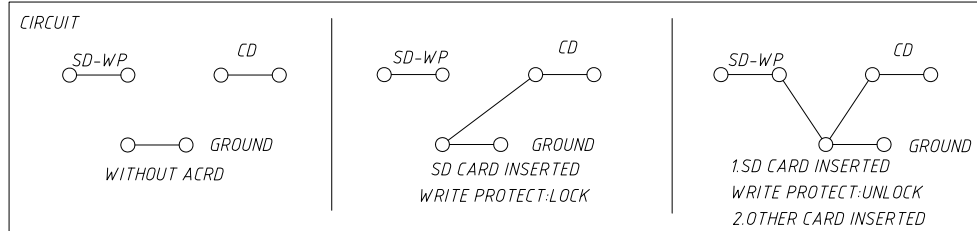
GENERAL TOLERANCE			ANGLE TOLERANCE			PROJECTION			Description:
X. ± 0.15			X. $\pm 5^{\circ}$			UNITS	mm	SD Card CONN,PUSH/PUSH, H2.80mm,SMD with CD Pin	
.X ± 0.03			.X $\pm 3^{\circ}$			SHEET SIZE	A4		
.XX ± 0.05			.XX $\pm 2^{\circ}$				KLS P/N:		L-KLS1-SD-001
Draw by:	Jenny		Date:	2018-03-10			NingBo KLS ELECTRONIC CO.,LTD.		
Check by:			Date:	2018-03-10					
SCALE		SHEET	1	OF	1				



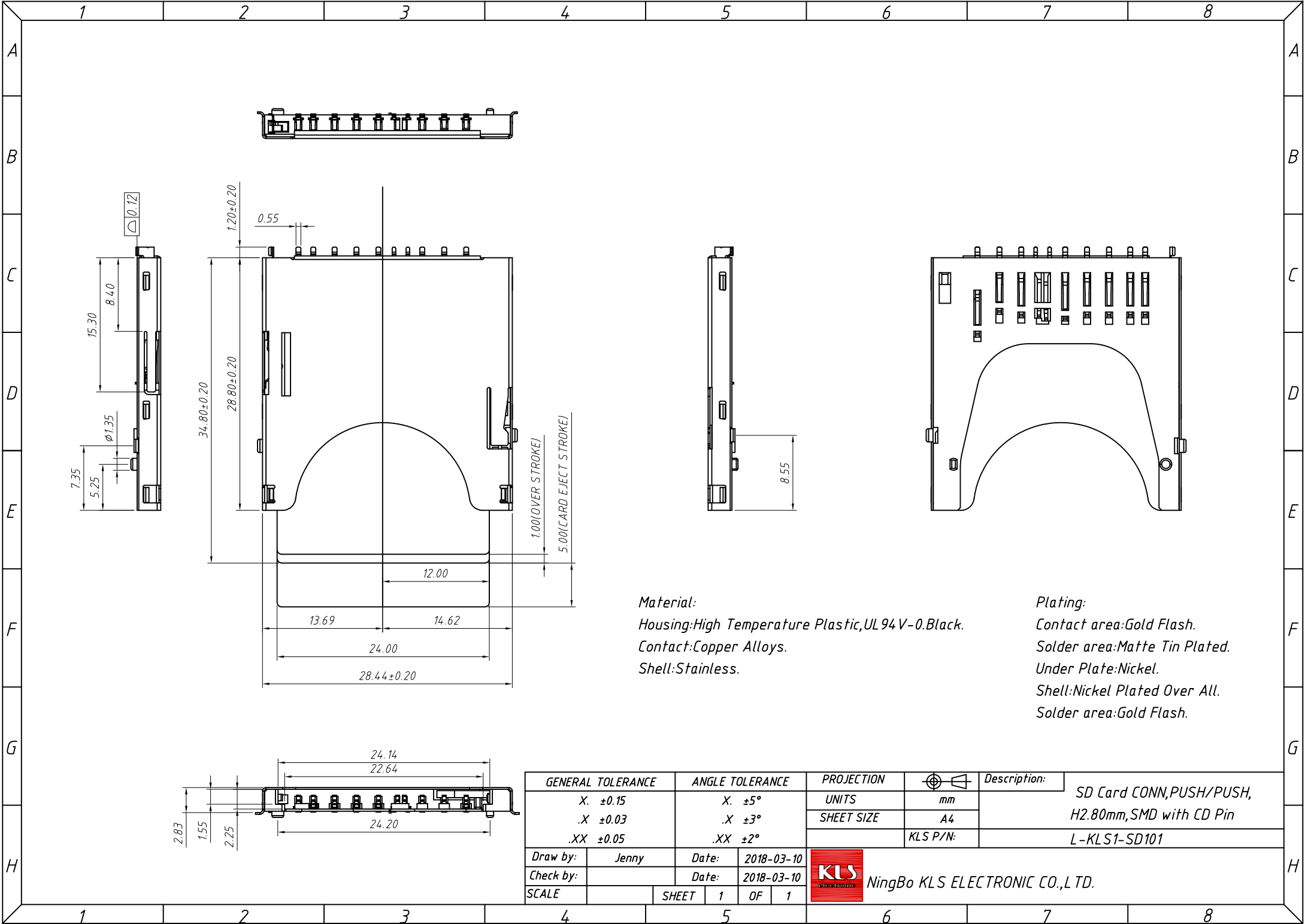
PIN ASSIGNMENT:



Welding area
Prohibited layout area



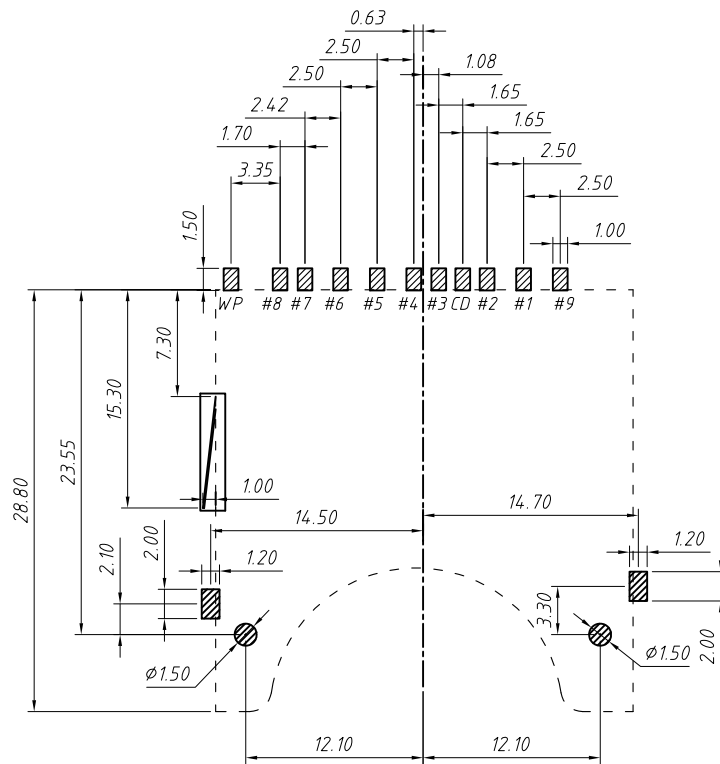
GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION			SD Card CONN,PUSH/PUSH, H2.80mm,SMD with CD Pin
X.	±0.15	X.	±5°	UNITS			
.X	±0.03	.X	±3°	SHEET SIZE			
.XX	±0.05	.XX	±2°			KLS P/N:	L-KLS1-SD-001
Draw by: Jenny		Date:		2018-03-10	NingBo KLS ELECTRONIC CO.,LTD.		
Check by:		Date:		2018-03-10			
SCALE		SHEET		1 OF 1			



Material:
Housing:High Temperature Plastic,UL 94 V-0,Black.
Contact:Copper Alloys.
Shell:Stainless.

Plating:
Contact area:Gold Flash.
Solder area:Matte Tin Plated.
Under Plate:Nickel.
Shell:Nickel Plated Over All.
Solder area:Gold Flash.

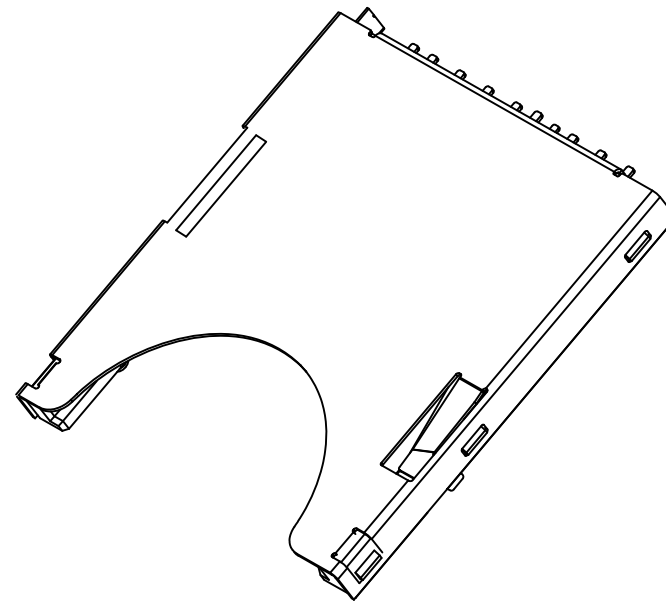
GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		Description:
X.	±0.15	X.	±5°	UNITS		SD Card CONN,PUSH/PUSH, H2.80mm,SMD with CD Pin
.X	±0.03	.X	±3°	SHEET SIZE		
.XX	±0.05	.XX	±2°		KLS P/N:	L-KLS1-SD101
Draw by:	Jenny	Date:	2018-03-10	 NingBo KLS ELECTRONIC CO.,L TD.		
Check by:		Date:	2018-03-10			
SCALE		SHEET	1 OF 1			



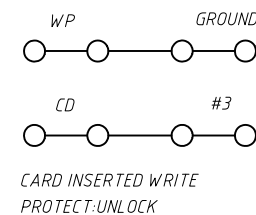
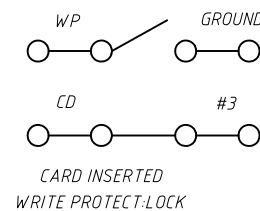
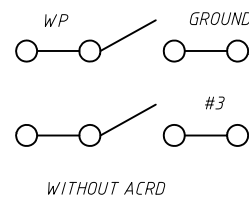
PCB LAYOUT

SD CARD PIN DESIGN

PIN NO	NAME	TYPE	DESCRIPTION
#1	CD/DAT3	I/O/PP	CARD DETECT DATE LINE(BIT3)
#2	CMD	PP	COMMAND RESPONSE
#3	VSS1	S	SUPPLY VOLTAGE GROUND
#4	VDD	S	SUPPLY VOLTAGE
#5	CLK	I	CLOCK
#6	VSS2	S	SUPPLY VOLTAGE GROUND
#7	DAT0	I/O/PP	DATE LINE(BIT0)
#8	DAT1	I/O/PP	DATE LINE(BIT1)
#9	DAT2	I/O/PP	DATE LINE(BIT2)



CIRCUIT



GENERAL TOLERANCE	ANGLE TOLERANCE	PROJECTION		SD Card CONN,PUSH/PUSH, H2.80mm,SMD with CD Pin
X. ± 0.15	X. $\pm 5^\circ$	UNITS	mm	
.X ± 0.03	.X $\pm 3^\circ$	SHEET SIZE	A4	
.XX ± 0.05	.XX $\pm 2^\circ$		KLS P/N:	L-KLS1-SD101
Draw by: Jenny	Date:	2018-03-10	NingBo KLS ELECTRONIC CO.,LTD.	
Check by:	Date:	2018-03-10		
SCALE		SHEET 1 OF 1		