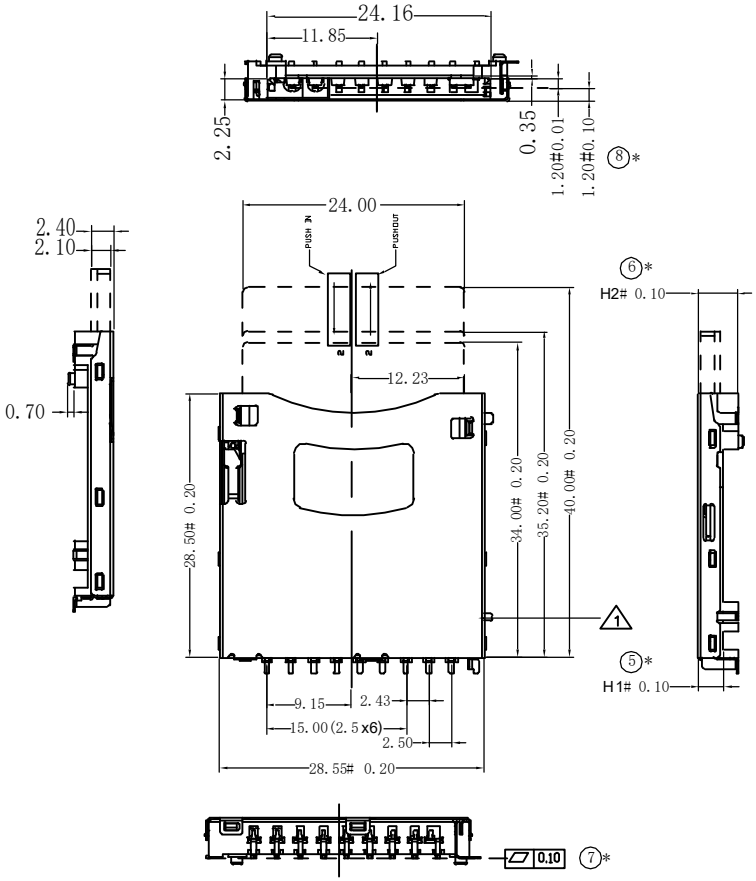
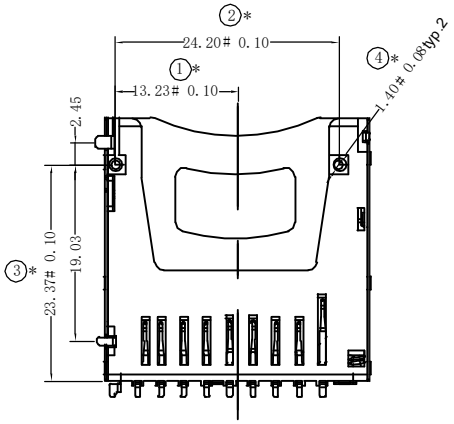
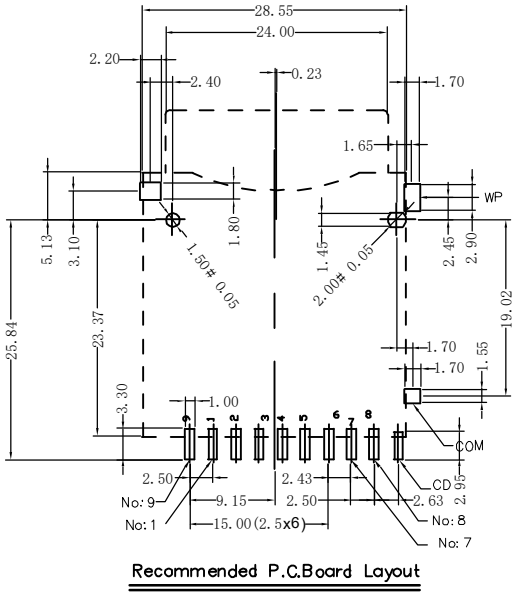






Recommended P.C.Board Layout

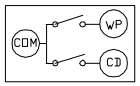
Electrical

Voltage: 100V AC(RMS)/DC
Current: 0.5 A AC(RMS)/DC
Contact Resistance: 100m max
Insulation Resistance: 1000M min
Dielectric Withstanding Voltage: 1000 VAC/RMS
Operating Temp: -25！～+90!

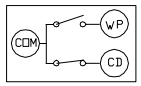
Materials

Housing: LCP With 30% G/F, UL 94V-0 ,Black.
Terminal: Copper Alloy,Gold plated on contact area.
Shield: SUS 301.

CIRCUIT without CARD

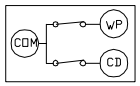


CARD INSERTED



●Write Protect SW. : Lock
●Status: Read only

CARD INSERTED



●Write Protect SW. : Unlock
●Status: Write enable

PART_NUMBER:	STANDOFF	"H1"	"H2"
SD-108	0.0mm	2.80mm	
SD-108-15	1.5mm		4.30mm
SD-108-18	1.8mm		4.60mm
SD-108-20	2.0mm		4.80mm

SD CARD PIN DESIGN

Pin#	Name	Type	Description
1	CD/DAT3	I/O/PP	Card Detect/ Data Line[Bit3]
2	CMD	PP	Command/Response
3	Vss1	S	
4	V_{DD}	S	Supply voltage
5	CLK	I	Clock
6	Vss2	S	Supply voltage ground
7	DAT0	I/O/PP	Data Line [Bit 0]
8	DAT1	I/O/PP	Data Line [Bit 1]
9	DAT2	I/O/PP	Data Line [Bit 2]

UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT: mm	DECIMAL	LINEAR	ANGLES
	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°

东莞市讯普电子科技有限公司

www.xunpudianzi.com

DRAWN	Fros	2014/12/12
CHECKED	Ron	2014/12/12
APPROVED	Albert	2014/12/12

DRAWN NAME: SD CONNECTOR

PRODUCT NO. SD-108

SCALE 3.2 | SHEET 1/1 | SIZE A4