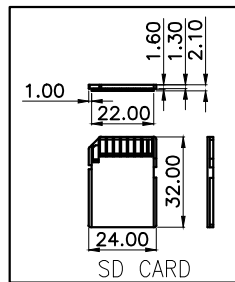
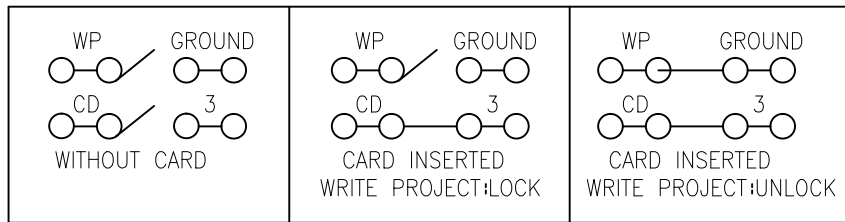
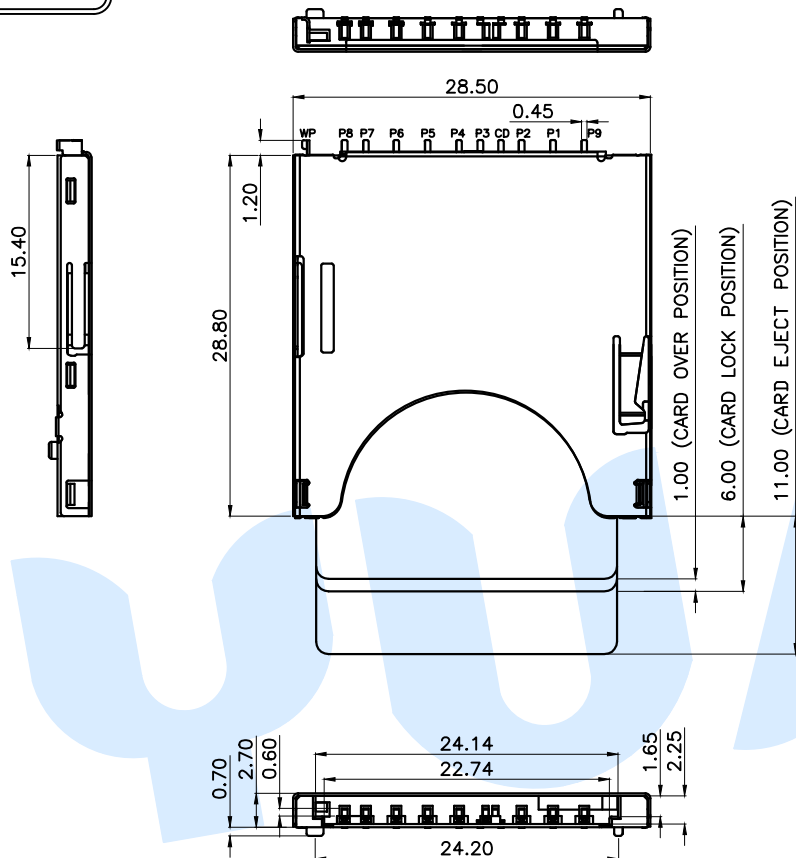
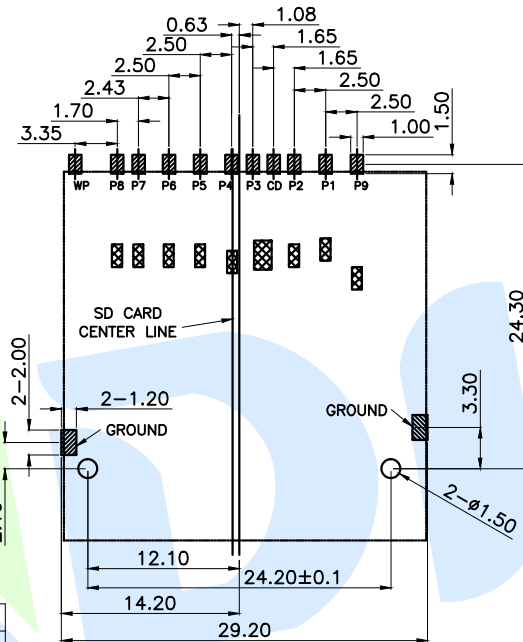


RoHS



SD CARD PIN DESIGN				
Pin#	Name	Type	Card Detect/Date Line(Bit3)	
1	CD/DAT3	I/O/PP	Command/Response	
2	CMD	PP	Supply voltage	
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)	
10	CD		Card Detect	
11	WP		Write Protect	



Pad Area
 Keep Out Area
 PCB LAYOUT TOP VIEW

- *Electrical Characteristics:
 Contact Current Rating:0.5 Amperes.
 Dielectric Withstanding Voltage:AC500V r.m.s.
 Insulation Resistance:1000 MΩ Minimum.
 Contact Resistance:100 mΩ Maximum.
- *Environmental:
 Operating Temperature:-25°C~+85°C.
- *Environmental:
 Mating Cycles:5000 Insertions.
- *Mechanical Characteristics:
 Card Push Insertion/Out Force:1.4kgf. MAX
 Contact Separation Force:0.20kgf Minimum.

NO.	Name	Number	Qty	Materil	Remarks
Ⓒ	Terminal		10	Copper Alloy	Sn plated
Ⓑ	Cover		1	SUS	Ni Plating
Ⓐ	Base		1	LCP	Black

YUANDI® Yuandi Electronics Co, Ltd

design	date	name	SD CARD SOCKET
Review	date	model	SD-503A
Approved	date		

Drawing number: angle ±2' 10~30 ±0.30 5~10 ±0.20 ~ 5 ±0.10 Tolerance not specified Proportion 1:1 unit mm gage number A4