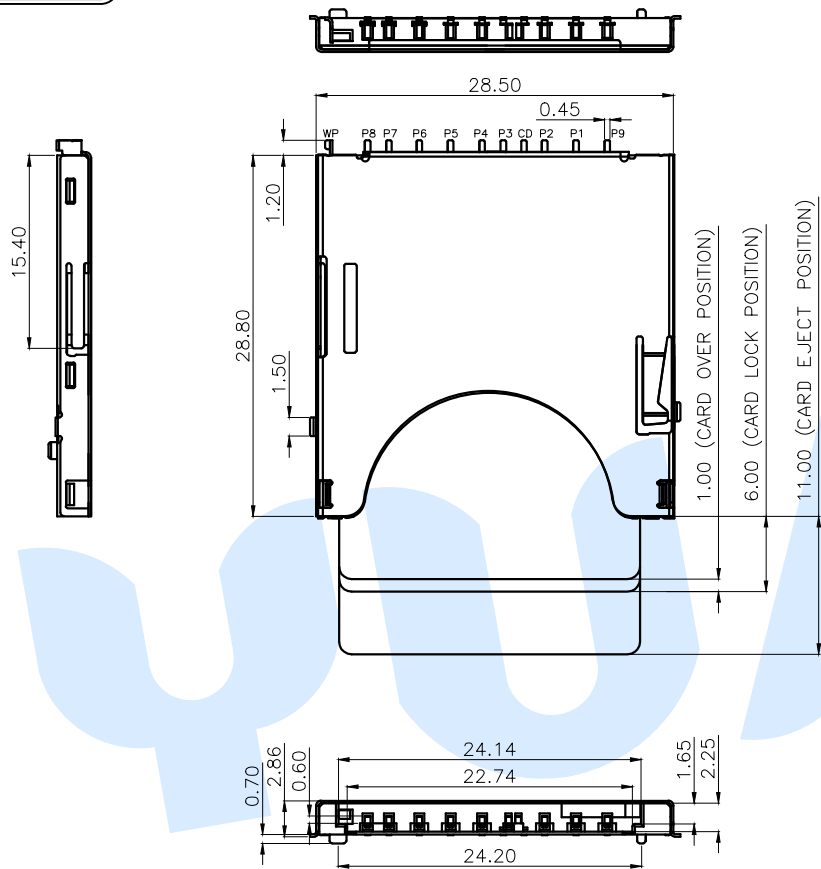
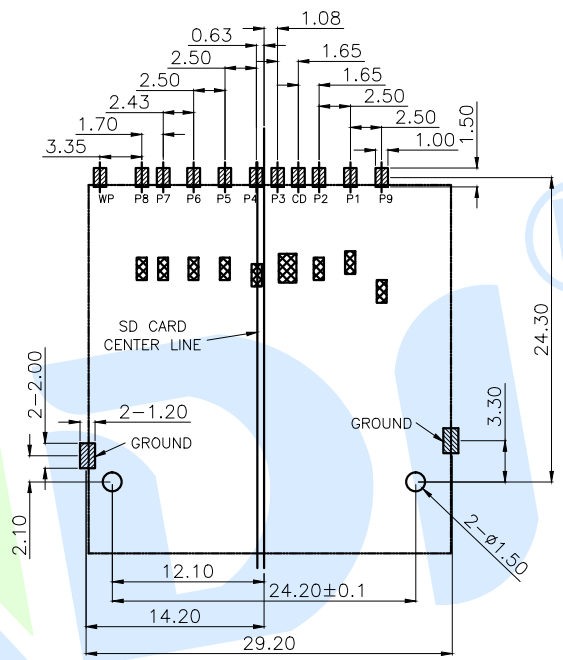


RoHS

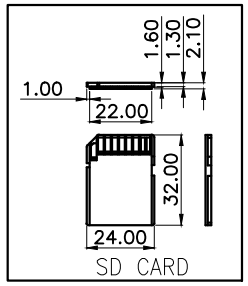
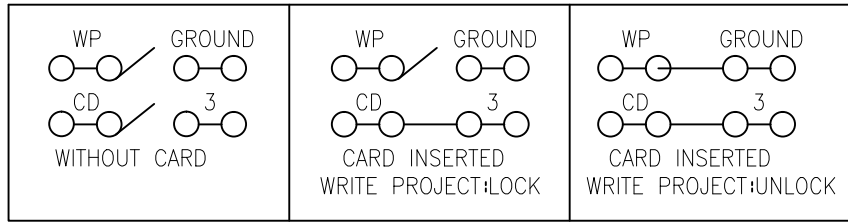


SD CARD PIN DESIGN			
Pin#	Name	Type	Card Detect/Date Line(Bit3)
1	CD/DAT3	I/O/PP	Command/Response
2	CMD	PP	Supply voltage
3	Vss1	S	Supply voltage ground
4	VDD	S	Supply voltage
5	CLK	I	Clock
6	Vss2	S	Supply voltage ground
7	DAT0	I/O/PP	Date Line (Bit0)
8	DAT1	I/O/PP	Date Line (Bit1)
9	DAT2	I/O/PP	Date 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	10	Copper Alloy	Sn plated
Ⓑ	Cover	1	1	SUS	Ni Plating
Ⓐ	Base	1	1	LCP	Black

YUANDI® Yuandi Electronics Co.,Ltd

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

Drawing number: Proportion 1:1 unit mm gage number A4

modify Review Approved Tolerance not specified

angle	±2'
10~30	±0.30
5~10	±0.20
~ 5	±0.10