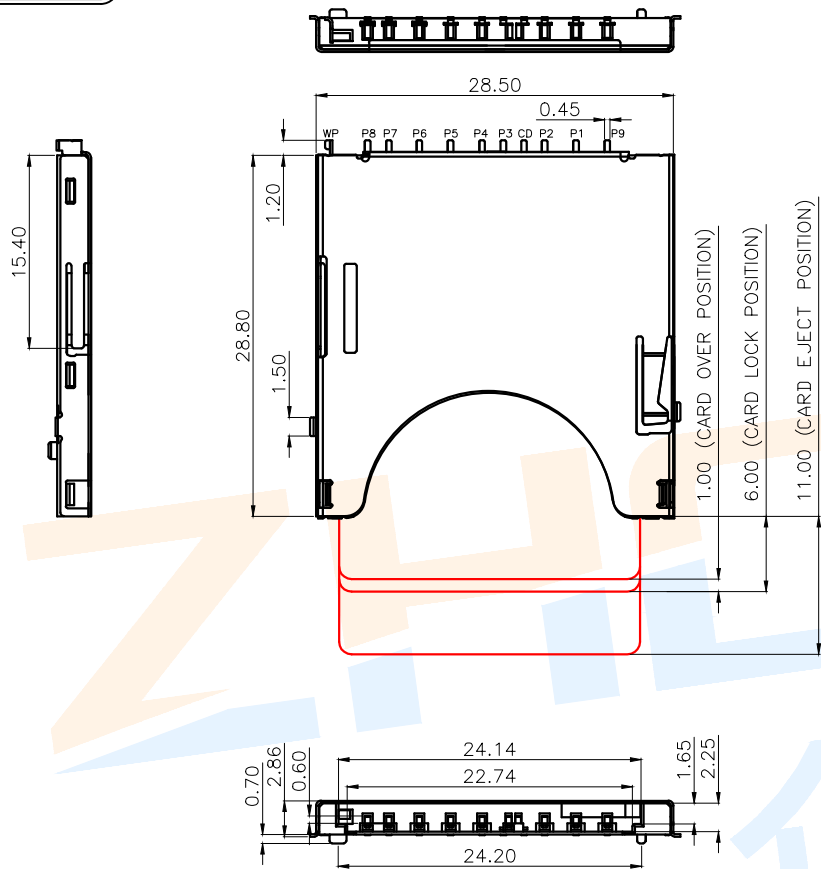
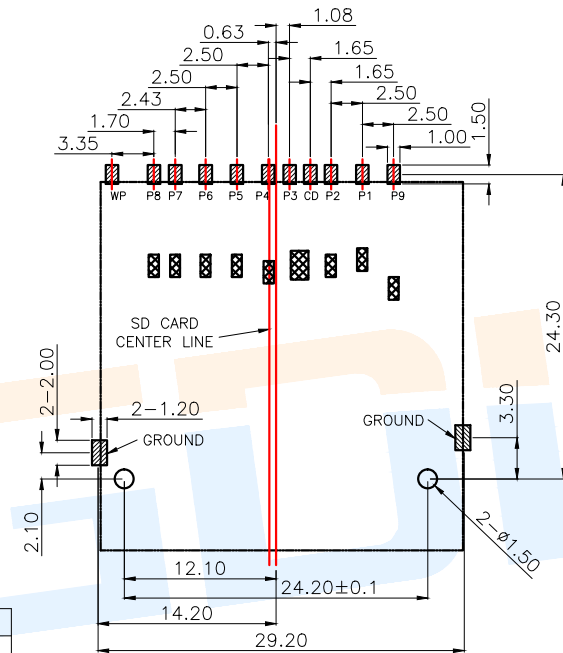


RoHS

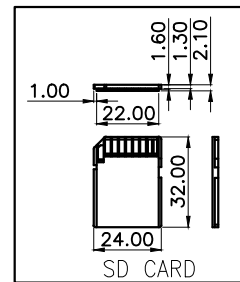
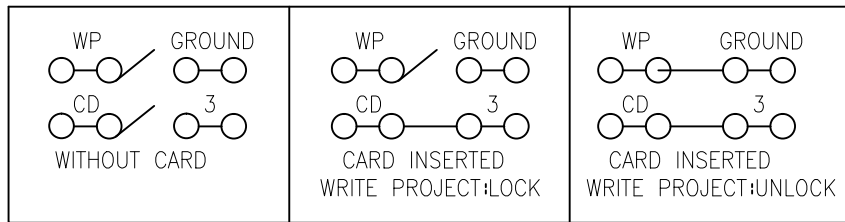


SD CARD PIN DESIGN				
Pin#	Name	Type	Card Detect/Date Line(Bit3)	
1	CD/DAT3	I/O/PP	Command/Response	
2	CMD	PP	Supply voltage	
3	Vss1	S	Supply voltage ground	
4	VDD	S	Supply voltage	
5	CLK	I	Clock	
6	Vss2	S	Supply voltage ground	
7	DAT0	I/O/PP	Date Line (Bit0)	
8	DAT1	I/O/PP	Date Line (Bit1)	
9	DAT2	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	11	1	Copper Alloy	Sn plated
Ⓑ	Cover	1	1	SUS	Ni Plating
Ⓐ	Base	1	1	LCP	Black

ZHONGDI® Zhongdi Electronic Technology Co., Ltd

design	date	name	SD CARD SOCKET
Review	date	model	SD-0503-P
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

modify Review Approved

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