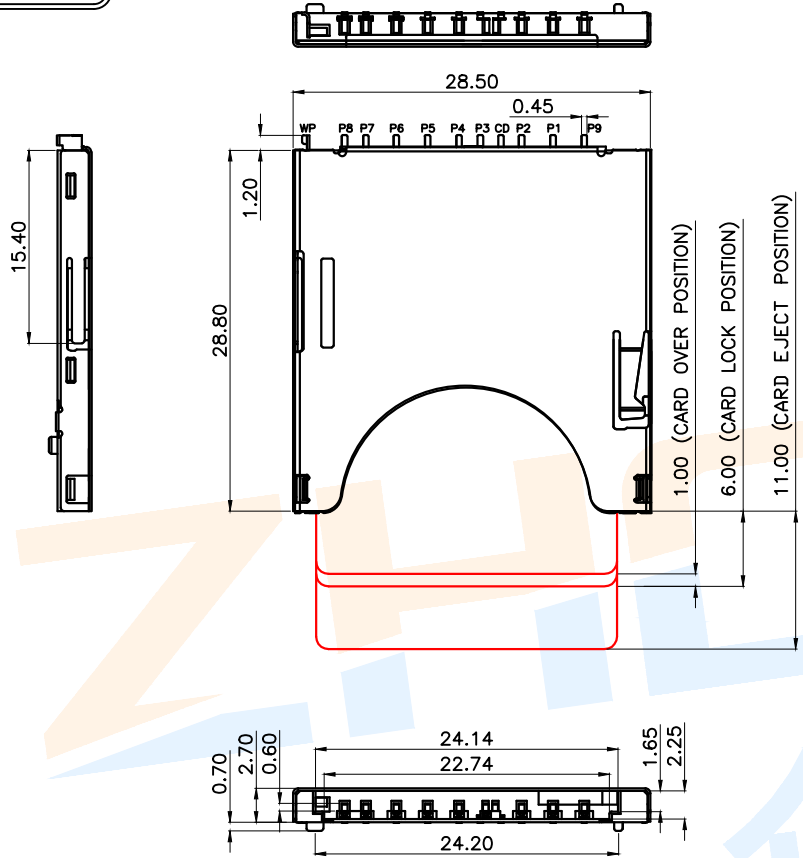
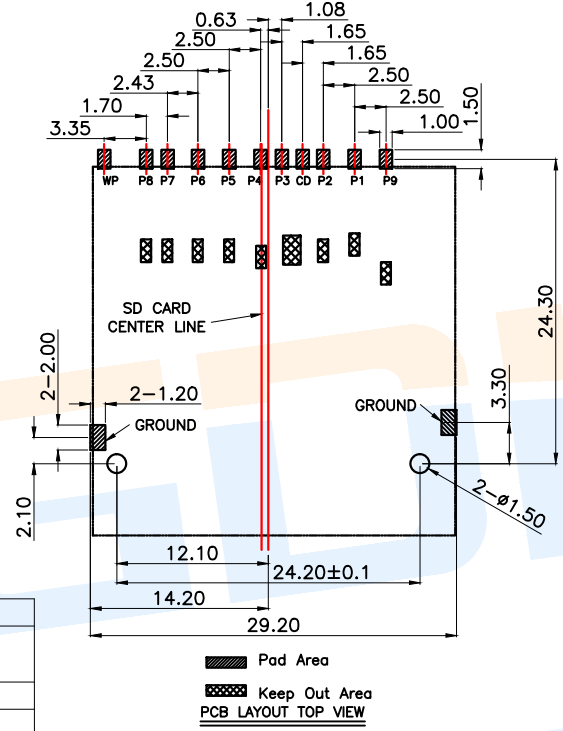


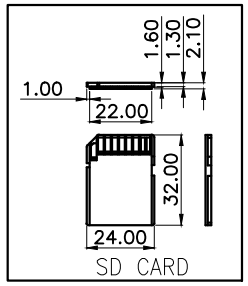
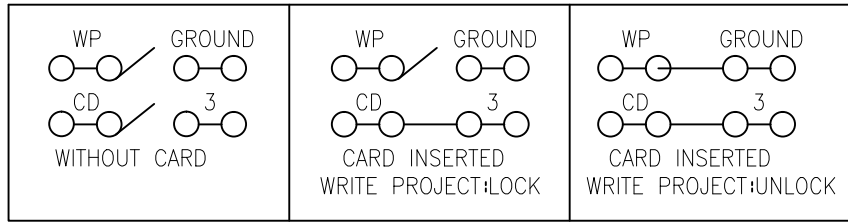
RoHS



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	



- \*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
①	Terminal		11	Copper Alloy	Sn plated
②	Cover		1	SUS	Ni Plating
③	Base		1	LCP	Black
<b>ZHONGDI</b> Zhongdi Electronic Technology Co., Ltd					
design	date	name		SD CARD SOCKET	
Review	date	model		SD-0503A-P	
Approved	date				
Drawing number:					
angle	±2'				
10~30	±0.30				
5~10	±0.20				
~ 5	±0.10				
modify	Review	Approved	Tolerance not specified	Proportion	1:1
unit	mm	gape number			

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