



SD CARD PIN DESIGN			
Pin#	Name	Type	Card Detect/Date Line(Bit#)
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]

- \*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~+90°C.
- \*Environmental:  
Mating Cycles:5000~10,000 Insertions.
- \*Mechanical Characteristics:  
Card Push Insertion/Out Force:1.4kgf. MAX  
Contact Separation Force:0.20kgf Minimum.
- \*Material:  
Insulator:HI-Temp Plastic UL 94V-0 Rated.  
Contact:Copper Alloy(t=0.15mm).  
Shell:Stainless Steel(t=0.20mm).  
Spring:SWP.



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<b>TOLERANCE:</b> X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X: ±2° X.X° ±0.5° UNIT: mm [inch] SCALE:1:1 SIZE: A4	DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: SD PUSH 定位片向内
	CHECKED BY: 马跃	DATE : 2014-02-23	PART NO. : HYCW48-SD11-270B
	APPROVED BY: 邱敏	DATE : 2014-02-23	DRAW NO. : HYC-SD18070415
			SHEET NO. : 1 OF 1

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