



Pin Assignment

Pin#	Name	Description	Pin#	Name	Description
P01	VSS3	Supply Voltage Ground	P11	VDD1	Supply Voltage (3.3V)
P02	DAT2	Data Line [Bit 2]	P12	D1-	Differential Data 1-
P03	D0+	Differential Data 0+	P13	CLK	Clock
P04	CD/DAT3	Card Detect/Data Line [Bit 3]	P14	D1+	Differential Data 1+
P05	D0-	Differential Data 0-	P15	VSS2	Supply Voltage Ground
P06	CMD	Command/Response	P16	VSS5	Supply Voltage Ground
P07	CD	Card Detect	P17	DAT0	Data Line [Bit 0]
P08	VSS1	Supply Voltage Ground	P18	DAT1	Data Line [Bit 1]
P09	VSS4	Supply Voltage Ground	P19	WP	Write Protect
P10	VDD2	Supply Voltage (1.8V)			

Note:

1. Material:

- 1-1. Plastic: LCP, S475, Black, HF, UL94V-0
- 1-2. Contact: C5210
- 1-3. Shell: SUS304

2. Plating:

- 2-1. Contact:  
Contact Area: Au 1μ" min. Plating. Over Ni 50μ" min.  
Soldertail: Matte Tin 100μ" min. Plating. Over Ni 50μ" min.
- 2-2. Shell:  
Ni 50μ" min. Over All, Solder Foot 1μ" Gold Over Ni

3. Contact And Tail Coplanarity To Be 0.10mm max.

4. Electrical Characteristics:

- 4-1. Contact Current Rating: 0.5Amperes.
- 4-2. Dielectric Withstanding Voltage: AC500V r. m. s.
- 4-3. Insulation Resistance: 1000 Megohms
- 4-4. Contact Resistance: 100 mΩ Maximum.

5. Mechanical Characteristics:

- 5-1. Mating Cycles: 10,000 Cycles.

6. Environmental:

- 6-1. Operating Temperature: -25° C ~ +85° C.
- 6-2. Salty spray: 48H



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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'	<b>DRAWN BY :</b> 陈一鸣	<b>DATE :</b> 2014-02-23	<b>PART NAME:</b> SD 4.0 NO PUSH 板上型 3.13H
	<b>CHECKED BY:</b> 马跃	<b>DATE :</b> 2014-02-23	<b>PART NO.</b> HYCW76-SD19-313B
 <b>UNIT: mm [inch]</b> <b>SCALE: 1:1 SIZE: A4</b>	<b>APPROVED BY:</b> 邱敏	<b>DATE :</b> 2014-02-23	<b>DRAW NO:</b> HYC-2211261546
			<b>SHEET NO.</b> 1 OF 1