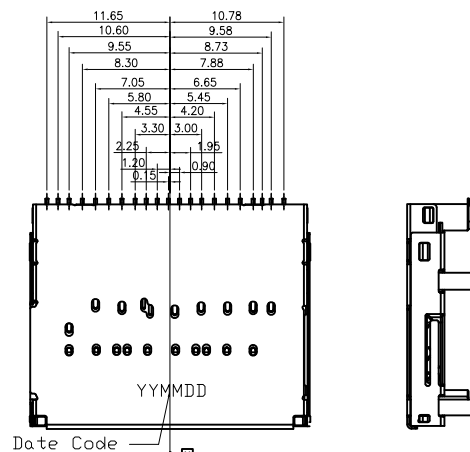
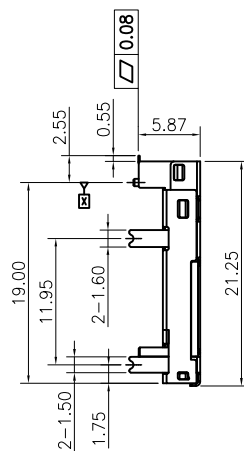
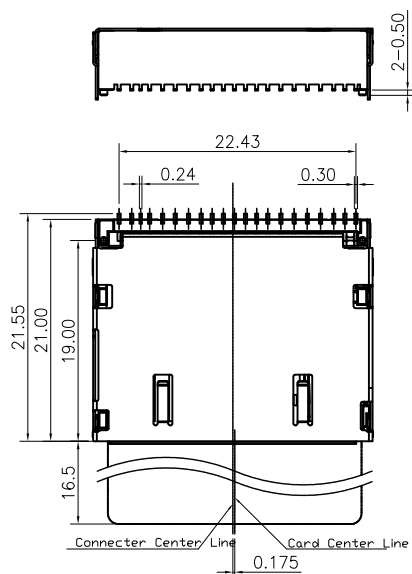
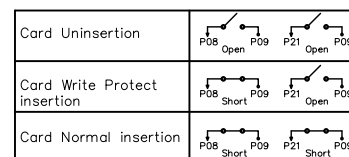
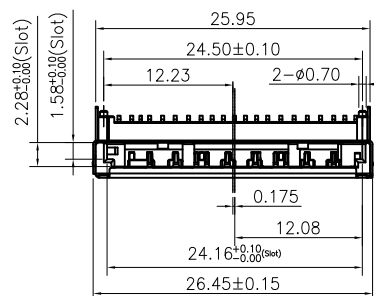


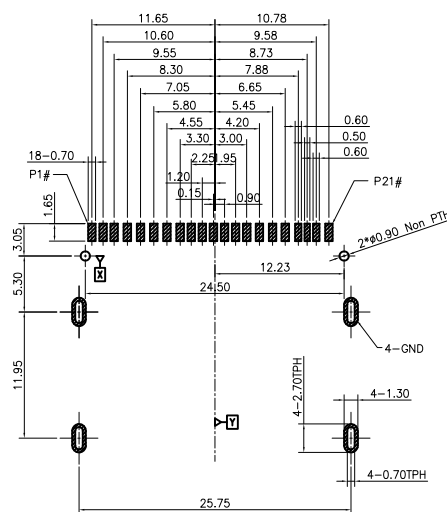
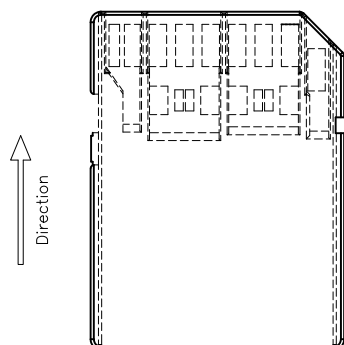
PIN DEFINE:

SD Mode			UHS-I Mode			SD Express Mode		
Pin#	NAME	DESCRIPTION	Pin#	NAME	DESCRIPTION	Pin#	NAME	DESCRIPTION
1			1	VSS3	Supply voltage ground	1	VSS3	Supply voltage ground
2			2			2	RESERVED	Reserved Area for future product extension
3	DAT2	DATA LINE BIT2	3			3	CLKREQ#	Reference clock request signal. Also used by U1, PM, multi-bit
4			4	DO+	DIFFERENTIAL DATE 0+	4	PCIE TX	
5	CD/DAT3	CARD DETECT/DATA LINE BIT3	5		NOT Used	5	PERST#	PE-Reset is a functional reset
6			6	DO-	DIFFERENTIAL DATE 0--	6	PCIE TX-	
7	CMD	COMMAND/RESPONSE	7		NOT Used	7		NOT Used
8	CD	CARD DETECT	8	CD	CARD DETECT	8	CD	CARD DETECT
9	VSS1	SUPPLY VOLTAGE GROUND	9	VSS1	Supply voltage ground	9	VSS1	Supply voltage ground
10			10	VSS4	Supply voltage ground	10	VSS4	Supply voltage ground
11			11	VD02	Supply voltage(1.8V)	11	VD02	Supply voltage(1.8V)
12	VD0	SUPPLY VOLTAGE	12	VD01	Supply voltage(3.3V)	12	VD01	Supply voltage(3.3V)
13			13	D1-	DIFFERENTIAL DATE 1--	13	PCIE RX-	
14	CLK	CLOCK	14		NOT Used	14		NOT Used
15			15	D1+	DIFFERENTIAL DATE 1+	15	PCIE RX+	
16	VSS2	SUPPLY VOLTAGE GROUND	16	VSS2	Supply voltage ground	16	VSS2	Supply voltage ground
17			17	VSS5	Supply voltage ground	17	VSS5	Supply voltage ground
18	DAT0	DATA LINE BIT0	18	RCLK+		18	REFCLK+	PCIE Ref. CLOCK
19			19			19	VD03	Supply voltage(1.2V)---TBD
20	DAT1	DATA LINE BIT1	20	RCLK-		20	REFCLK-	PCIE Ref. CLOCK
21	WP	WRITE PROTECT	21	WP	WRITE PROTECT	21	WP	WRITE PROTECT



Note:

1. Material:
 - 1-1. Plastic: LCP, Black, UL94V-0
 - 1-2. Contact: Copper Alloy
 - 1-3. Shell: Stainless Steel
2. Plating:
 - 2-1. Contact:
Contact Area: Au 1 μ " min. Plating
Over Ni 50 μ " min.
Solder tail: Matte Tin 100 μ " min. Plating
Over Ni 50 μ " min.
 - 2-2. Shell:
Solderability Ni 50 μ " min. Over All
3. Contact And Tail Coplanarity To Be 0.10mm max.



Recommended PCB Layout
Top View(Tolerance ± 0.05)



深圳市华宇创精密电子有限公司

TOLERANCE:		DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME:	
X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X.* ±2* X.X* ±0.5*				SD 7.0 NO PUSH 垫高5.87H DIP	
 UNIT: mm [inch]		CHECKED BY:	DATE :	PART NO.	HYCW106-SD21-587B
		马跃	2014-02-23	MOLD NO.	
SCALE:1:1 SIZE: A4		APPROVED BY:	DATE :	DRAW NO:	HYC-2509191513
		邱敏	2014-02-23	SHEET NO.	1 OF 1