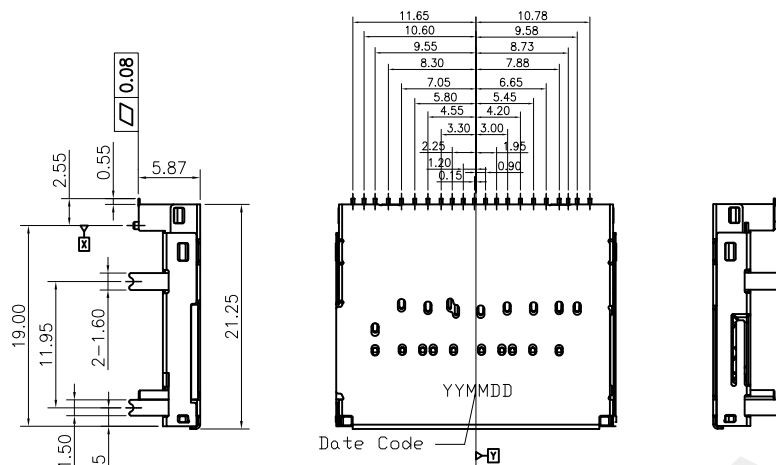
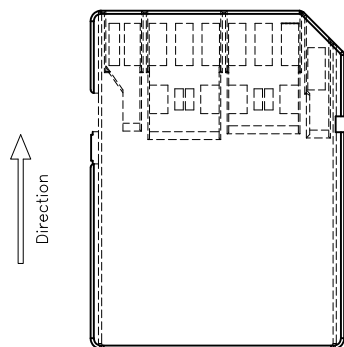
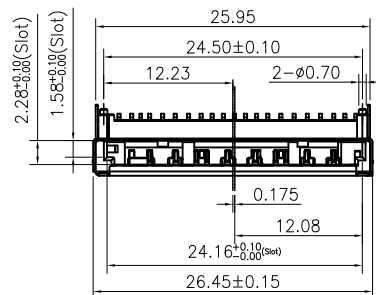
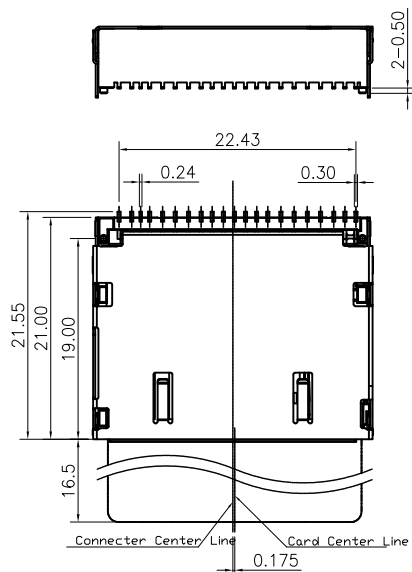


PIN DEFINE:

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 card extension
3	DATA2	DATA LINE BIT2	3			3	CLKREQ#	Reference clock request signal. Also used by UHS-I PM sub-states
4			4	DO+	DIFFERENTIAL DATA 0+	4	PCIE TX+	
5	CD/DAT3	CARD DETECT/DATA LINE BIT3	5		NOT Used	5	PERST#	PC-Reset is a functional reset
6			6	DO-	DIFFERENTIAL DATA 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	VDD2	Supply voltage(1.8V)	11	VDD2	Supply voltage(1.8V)
12	VDD	SUPPLY VOLTAGE	12	VDD1	Supply voltage(3.3V)	12	VDD1	Supply voltage(3.3V)
13			13	D1-	DIFFERENTIAL DATA 1-	13	PCIE RX-	
14	CLK	CLOCK	14		NOT Used	14		NOT Used
15			15	D1+	DIFFERENTIAL DATA 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	ROCLK+		18	REFCLK+	PCie Ref CLOCK
19			19			19	VDD3	Supply voltage(1.2V)-TBD
20	DAT1	DATA LINE BIT1	20	ROCLK-		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 1μ" min. Plating

Over Ni 50μ" min.

Solder tail: Matte Tin 100μ" min. Plating

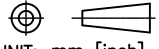
Over Ni 50μ" min.

2-2. Shell:

Solderability Ni 50μ" 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: X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X.* ±2* X.X* ±0.5*		DRAWN BY : 陈一鸣		DATE : 2014-02-23		PART NAME: SD 7.0 NO PUSH 垫高5.87H DIP	
 UNIT: mm [inch] SCALE:1:1 SIZE: A4		CHECKED BY: 马跃		DATE : 2014-02-23		PART NO. HYC106-SD21-587	
		APPROVED BY: 邱敏		DATE : 2014-02-23		DRAW NO: HYC-2509191513	
				SHEET NO.		1 OF 1	