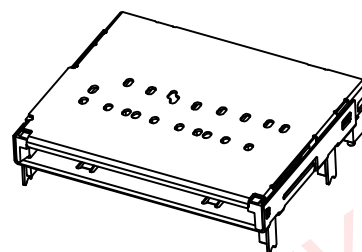
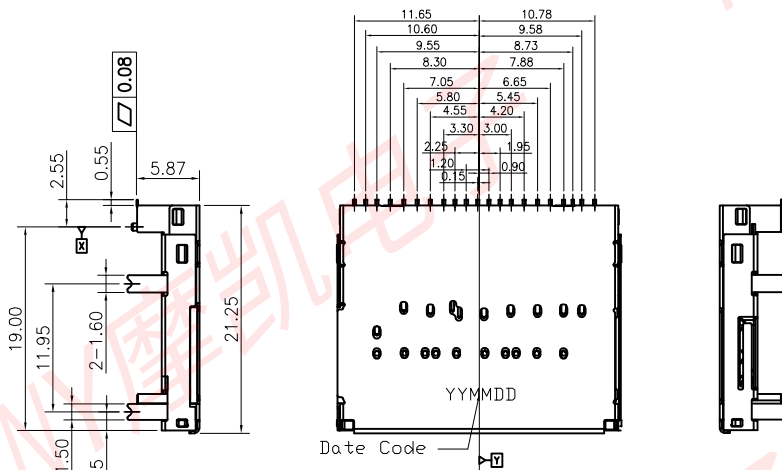
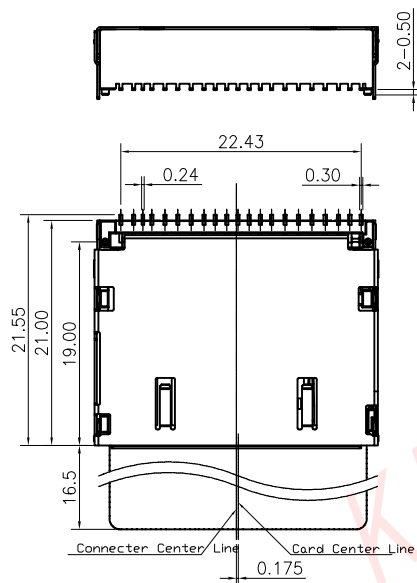
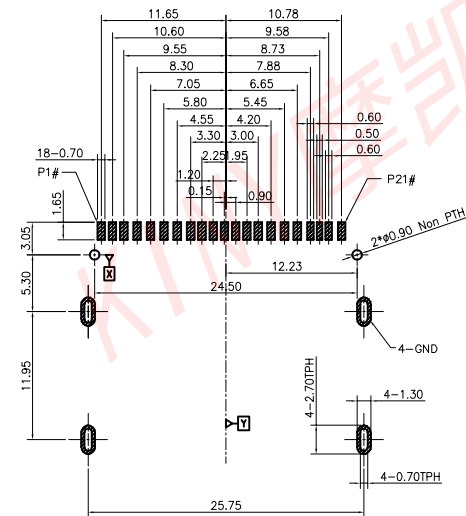


* 所有原料材质, 生产制程, 电镀必须符合H要求



Card Uninsertion	P08 Open P09 P21 Open P09
Card Write Protect Insertion	P08 Short P09 P21 Open P09
Card Normal Insertion	P08 Short P09 P21 Short P09



Recommended PCB Layout
Top View(Tolerance±0.05)

Note:

1. Material:

- 1-1. Plastic: LCP, Black, UL94V-0
- 1-2. Contact: Coper Alloy
- 1-3. Shell: Stainless Steel

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:

Solderability Ni 50μ" min. Over All

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

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	RESERVED	2	RESERVED
3	DAT2 DATA LINE BIT2	3		3	CLKREQ# Reference clock request signal. Also used by L1 PM sub-states
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	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 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	ROCK+ Supply voltage ground	18	REFCLK+ PCie Ref CLOCK
19		19		19	VDD3 Supply voltage(1.2V)-TBD
20	DAT1 DATA LINE BIT1	20	ROCK- Supply voltage ground	20	REFCLK- PCie Ref CLOCK
21	WP WRITE PROTECT	21	WP WRITE PROTECT	21	WP WRITE PROTECT

KINYE		东莞市摩凯电子有限公司			
DIMENSIONS INIT: mm		PRODUCT NAME :	SD7.0 BOTTOM H5.87 Non-push	DRAWING: Aaron	DATE: 2022.04.01
UNLESS OTHERWISE SPECIFIABLE		PRODUCT NO. :	SD587-D1250-01	CHECK: Alex	DATE: 2022.04.01
DIMENSION TOLERANCE		DRAWING NO. :	D-SD587-D1250-01	APPROVED: Alex	DATE: 2022.04.01
X.X: ± 0.35				SCALE: 1:1	DWG ID: C D
X.XX: ± 0.20				REV.: X0	PAGE: 1 OF 1
X.XXX: ± 0.10					
ANGULAR: ± 2°					

XO	---	NEW RELEASE	Aaron	2022.04.01
REVISION NO.	ECR NO.	DESCRIPTION	MARK	DATE