

NOTES:

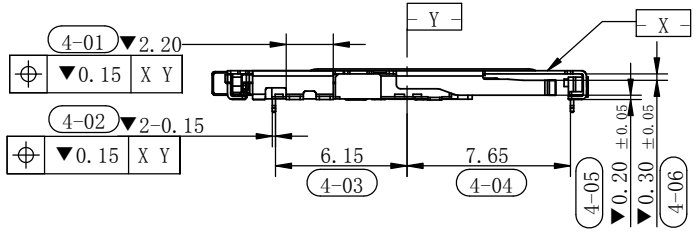
- Finish
 - Contact:
 - Switch Area: 15u" Au Min;
 - Gold Flash on soldering area, 3~8u" Min.
 - Shell:
 - Soldering Area: 1u" Au Min.
- Electical requirements:
 - Current rating: 0.3A per pin
 - Current voltage: 10V AC
 - Contact resistanc:
 - Switch contact initial 150mohm Max, After test: 175mohm Max.
 - Insulation resistance: 1 GOhm Min. 500VDC for 2 minutes.
- Mechanical requirements:
 - Tray mating force: 12N Max. (with card);
Tray un-mating force: 4N Min (without card)
Tray ejection force: 15N Max. (with card)
 - Durability: 3000 cycles Min.
- Environment requirements:
 - Operating temperature: -40° C to +85° C
 - Storage temperature: -40° C to +85° C
- Burr: 0.02mm Max.
- Dimensions with mark "▼" indicate the critical dimensions.
"▽" is CPK DIMENSIONS.

4	Pusher	1	SUS304-3/4H T=0.50mm	N/A
3	Crank	1	SUS304-3/4H T=0.40mm	N/A
2	Switch-Housing	1	LCP, UL94V-0, Black	N/A
	Switch-Detect	1	C7025-TM03 T=0.12mm	15u" Au Min plating on switch area 50~300u" Ni plating overall
1	Shell	1	SUS304-3/4H T=0.15mm	3u" Au Min plating on switch area 50~300u" Ni plating overall
ITEM	NAME	Q' TY	MATERIAL	PLATING

▽	▼0.08	Before IR
▽	▼0.10	After IR

C	E1809363A	设备主体插孔	09/02/2018	DATE: 11/14/2017	UNITS: mm	GENERAL TOLERANCE	DRAW:	PART NO: S186-2B21F13F
B	E1801028A	阻抗规格设备	01/15/2018	SCALE: 4/1	X. ±0.20 .X ±0.15 .XX ±0.10 .XXX ±0.05	X' ±2.00 .X' ±1.00 .XX' ±0.5	CHECKED:	TITLE: 1.35H 3 IN 1 CARD CONNECTOR.
A		NEW	11/14/2017	SHEET: 1/5	MATERIAL: Customer drawing		APPROVE:	DRAWING NO: C-S186-002B
REV.	ECN NO.	DESCRIPTION	DATE	REV.	FINISH: SEE NOTE			



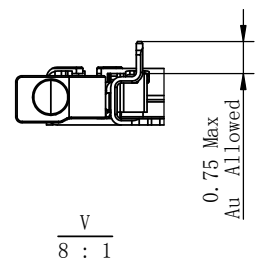


D/C PART NO
 H A X X X X X
 H=HRD
 电镀: A=Au XXU "
 B=Au XXU "

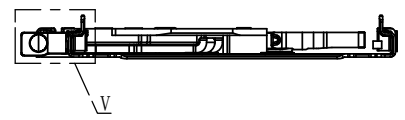
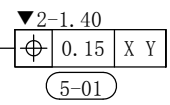
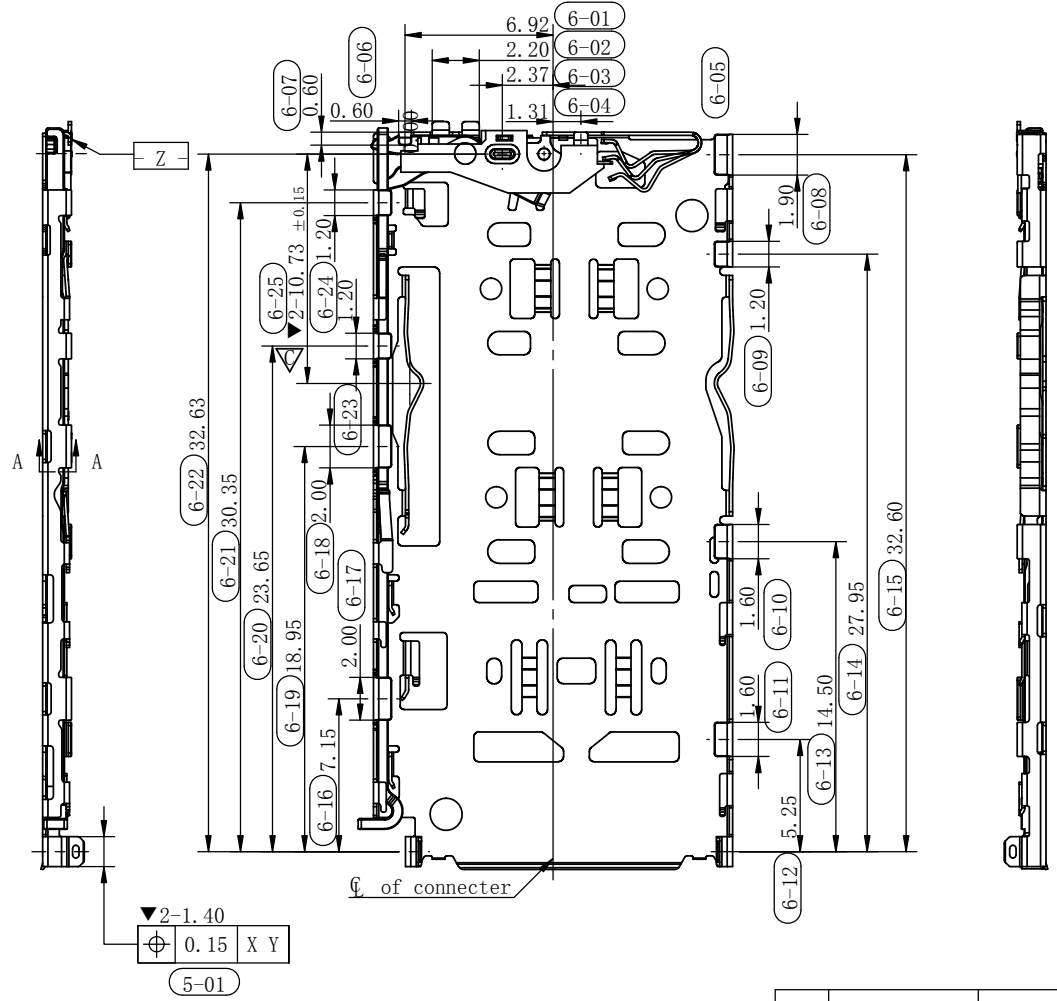
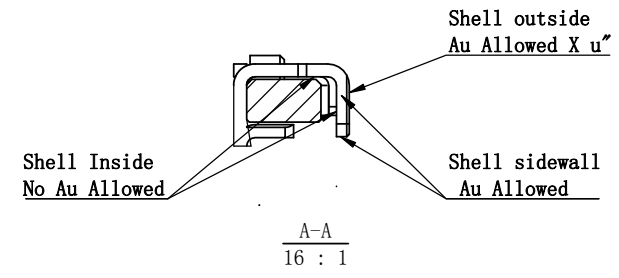
 年: 7=2017年
 8=2018年
 9=2019年


线别: A=A线、B=B线.....
 班别: 1=白班
 2=夜班
 日: 1=1日, 2=2日.....
 A=10日, B=11日.....
 (WITH OUT I, O, Z)
 月: 1=1月, 2=2月.....
 A=10月, B=11月.....

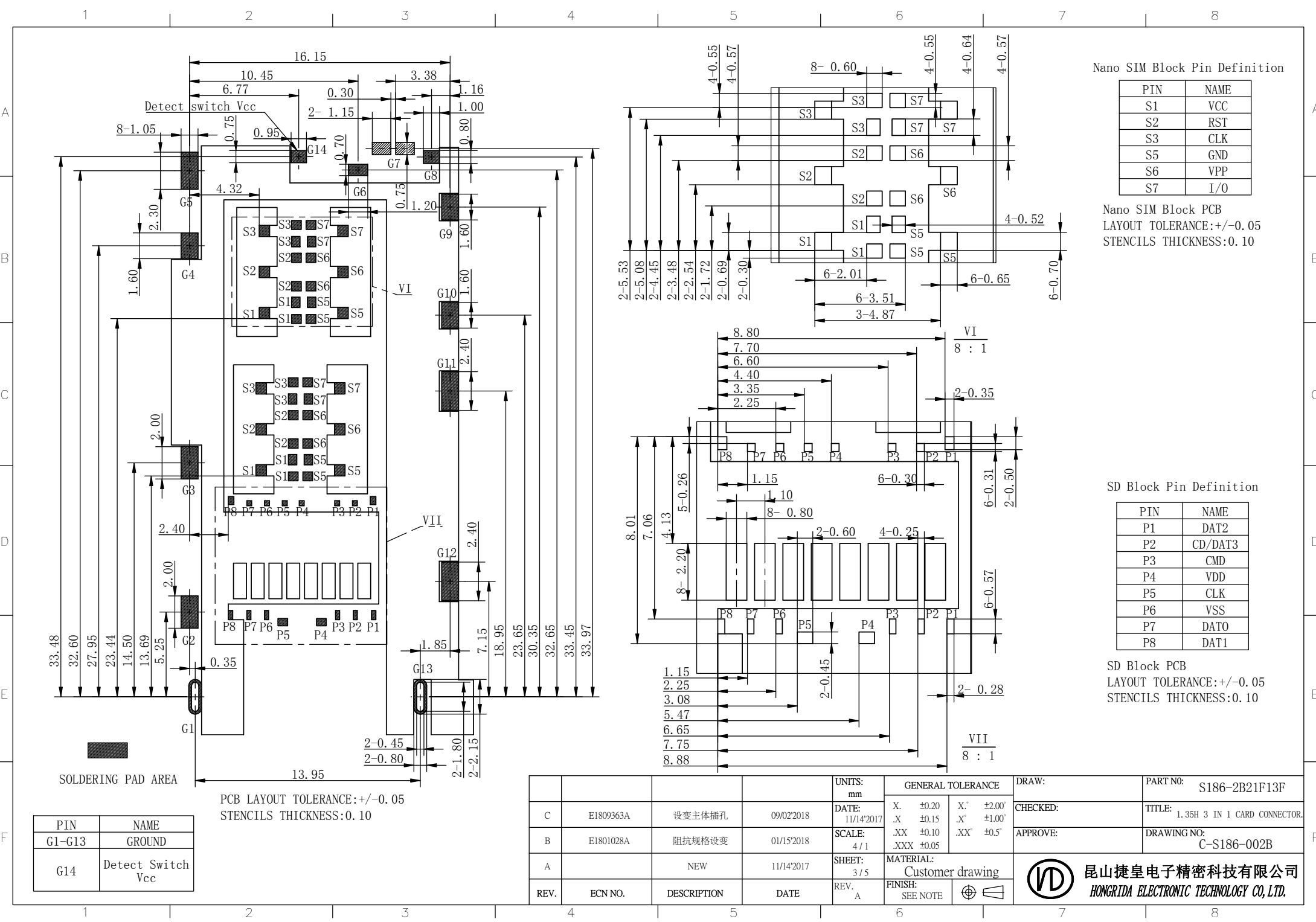
Plating definition
 of shell T/F soldering trails



Plating definition
 of shell soldering trails at pin-push mechanism side



				UNITS: mm	GENERAL TOLERANCE		DRAW:	PART NO: S186-2B21F13F
C	E1809363A	设变主体插孔	09/02/2018	DATE: 11/14/2017	X. ±0.20	X.' ±2.00'	CHECKED:	TITLE: 1.35H 3 IN 1 CARD CONNECTOR.
B	E1801028A	阻抗规格设变	01/15/2018	SCALE: 4/1	.X ±0.15	.X' ±1.00'	APPROVE:	DRAWING NO: C-S186-002B
A		NEW	11/14/2017	SHEET: 2/5	.XX ±0.10	.XX' ±0.5'		
REV.	ECN NO.	DESCRIPTION	DATE	REV. A	MATERIAL: Customer drawing	FINISH: SEE NOTE	 昆山捷皇电子精密科技有限公司 HONGRIDA ELECTRONIC TECHNOLOGY CO., LTD.	



Nano SIM Block Pin Definition

PIN	NAME
S1	VCC
S2	RST
S3	CLK
S5	GND
S6	VPP
S7	I/O

Nano SIM Block PCB
 LAYOUT TOLERANCE: +/-0.05
 STENCILS THICKNESS:0.10


SD Block Pin Definition

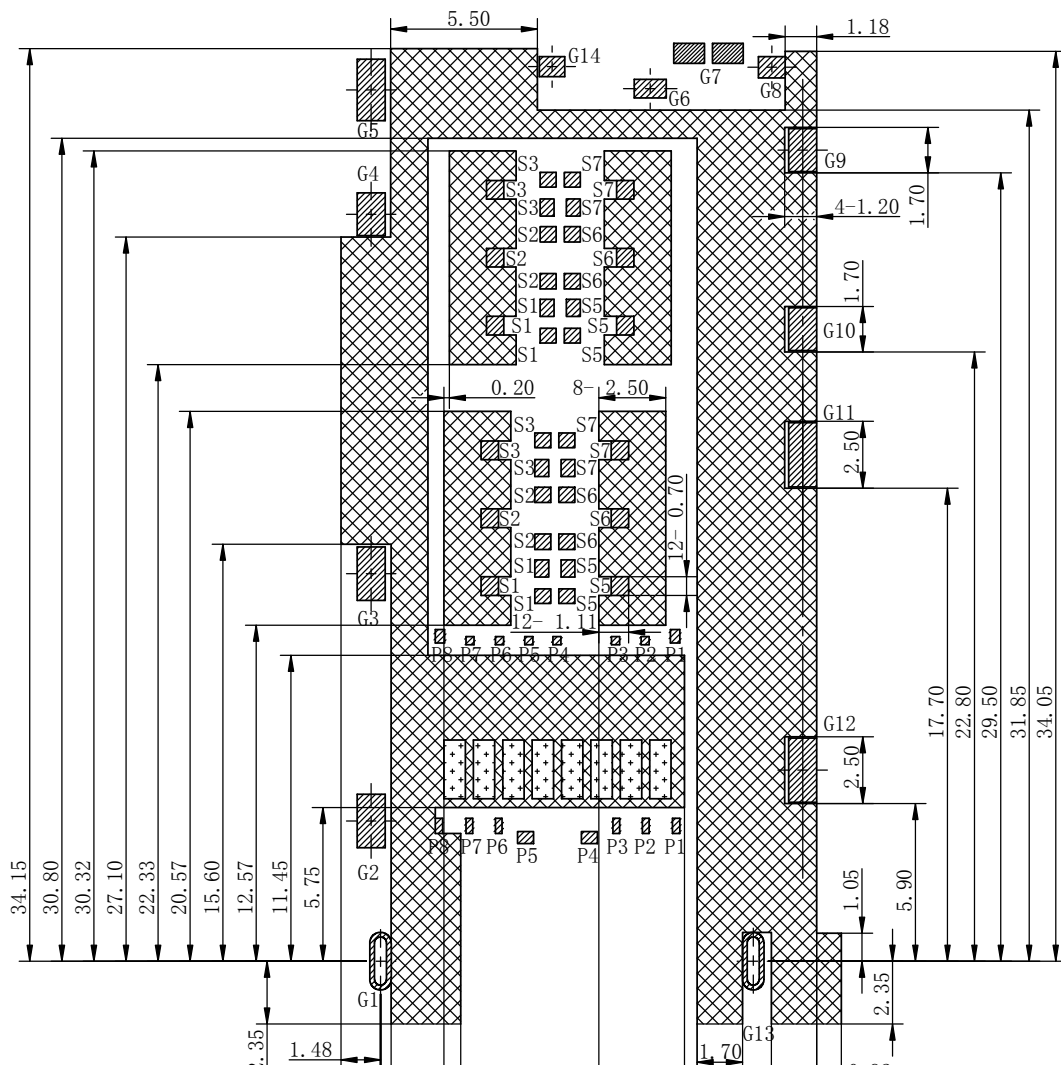
PIN	NAME
P1	DAT2
P2	CD/DAT3
P3	CMD
P4	VDD
P5	CLK
P6	VSS
P7	DAT0
P8	DAT1

SD Block PCB
 LAYOUT TOLERANCE: +/-0.05
 STENCILS THICKNESS:0.10

PIN	NAME
G1-G13	GROUND
G14	Detect Switch Vcc

PCB LAYOUT TOLERANCE: +/-0.05
 STENCILS THICKNESS:0.10

				UNITS: mm	GENERAL TOLERANCE		DRAW:	PART NO: S186-2B21F13F
C	E1809363A	设变主体插孔	09/02/2018	DATE: 11/14/2017	X. ±0.20	X.' ±2.00'	CHECKED:	TITLE: 1.35H 3 IN 1 CARD CONNECTOR.
B	E1801028A	阻抗规格设变	01/15/2018	SCALE: 4/1	.XX ±0.10	.XX' ±0.5'	APPROVE:	DRAWING NO: C-S186-002B
A		NEW	11/14/2017	SHEET: 3/5	MATERIAL: Customer drawing		 昆山捷皇电子精密科技有限公司 HONGRIDA ELECTRONIC TECHNOLOGY CO., LTD.	
REV.	ECN NO.	DESCRIPTION	DATE	REV. A	FINISH: SEE NOTE			

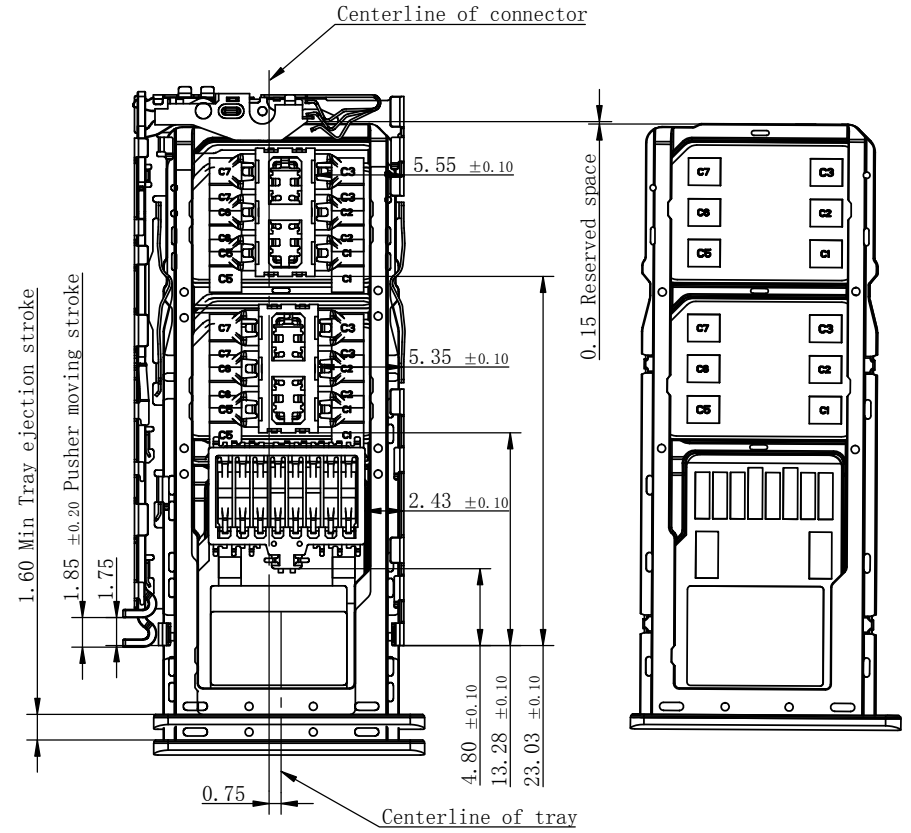
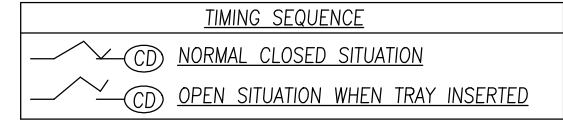


RECOMMENDED PCB LAYOUT
(NO PATTERNS)
(TOLERANCE: +/-0.05)

- SOLDERING PAD AREA
- NO PATTERNS
- KEEP OUT AREA

1.Touch area of contact tips, no electrical function and only for mechanical function.
2.No first PCB-Layercircuit in the area.

- 0.40
- 2.37
- 3.00
- 8.17
- 11.38
- 11.85
- 14.63
- 16.33



Assembly with SIM block & SD block

				UNITS: mm	GENERAL TOLERANCE		DRAW:	PART NO: S186-2B21F13F
C	E1809363A	设变主体插孔	09/02/2018	DATE: 11/14/2017	X. ±0.20	X.' ±2.00'	CHECKED:	TITLE: 1.35H 3 IN 1 CARD CONNECTOR.
B	E1801028A	阻抗规格设变	01/15/2018	SCALE: 4/1	.XX ±0.10	.XX' ±0.5'	APPROVE:	DRAWING NO: C-S186-002B
A		NEW	11/14/2017	SHEET: 4/5	MATERIAL: Customer drawing			
REV.	ECN NO.	DESCRIPTION	DATE	REV. A	FINISH: SEE NOTE			昆山捷皇电子精密科技有限公司 HONGRIDA ELECTRONIC TECHNOLOGY CO., LTD.