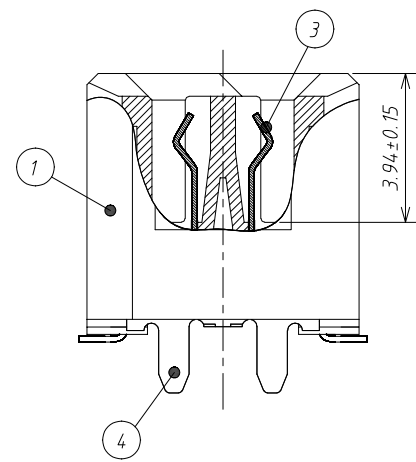
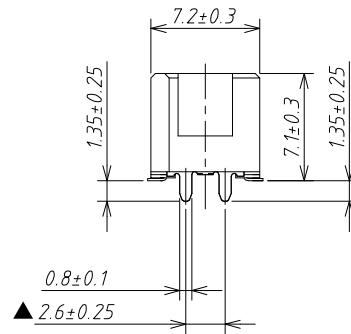
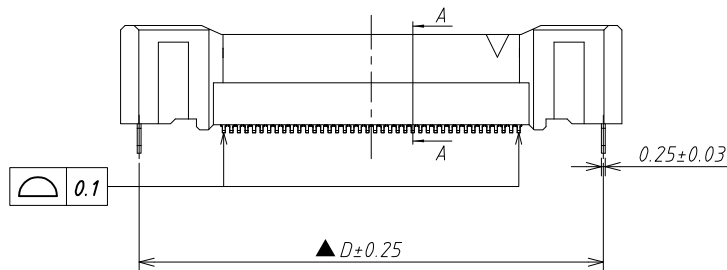
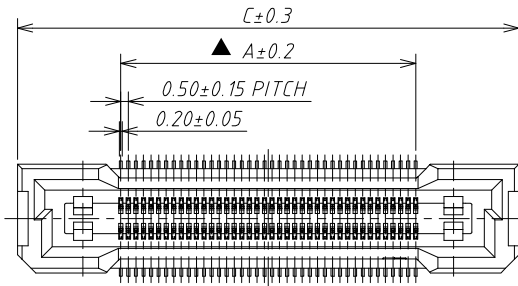
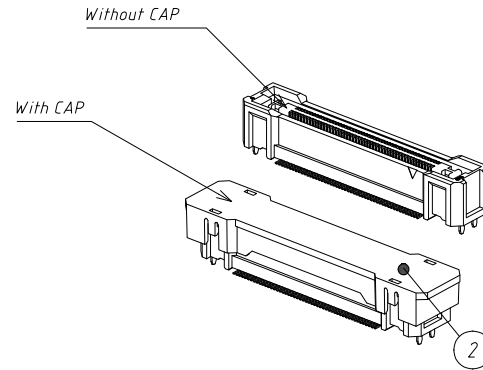
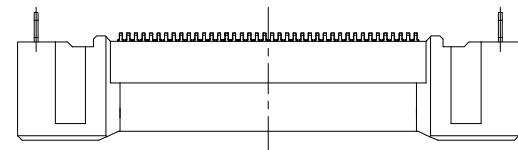


Recommended land pattern dimension of PCB

(PCB thickness: T=1.6mm)

				UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		客户图 Drawings	北极大电子科技有限公司 BEIJIDA ELECTRONICS TECHNOLOGY CO. LIMITED			
				X.		APPROVED	DATE	COMPUTER NO		
				X.X ±0.20		TS Chen	2022-02-10	△123054-60XX50		
				X.XX ±0.10		CHECKED	DATE	NAME		
				X.XXX		QF DONG	2022-02-10	BTB0.5-5H PLUG (THR NPC TYPE)		
				ANG. ±0°30'		DRAWN	DATE	SIZE	SCALE	REV
				UNIT		Kuan He	2022-02-10	A4	2:1	B
SER	REVISIONS	CHK	DATE	MM						



Section A-A
Scale 5:1

PART NUMBER	No. OF POSITION	A	C	D	E
123053-602050-HF	20	4.50	18.16	15.70	20.96
123053-603050-HF	30	7.00	20.66	18.20	23.46
123053-604050-HF	40	9.50	23.16	20.70	25.96
123053-605050-HF	50	12.00	25.66	23.20	28.46
123053-606050-HF	60	14.50	28.16	25.70	30.96
123053-608050-HF	80	19.50	33.16	30.70	35.96
123053-600050-HF	100	24.50	38.16	35.70	40.96
123053-600250-HF	120	29.50	43.16	40.70	45.96

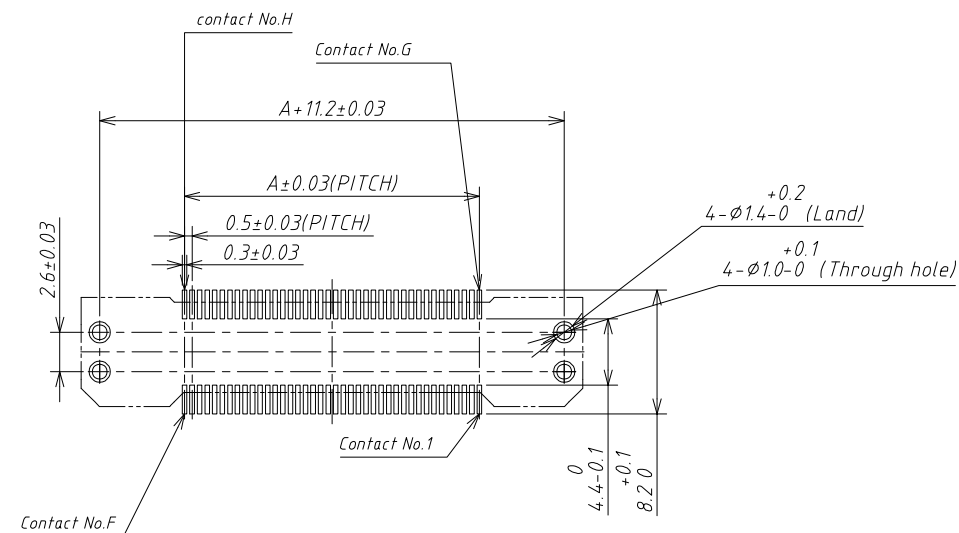
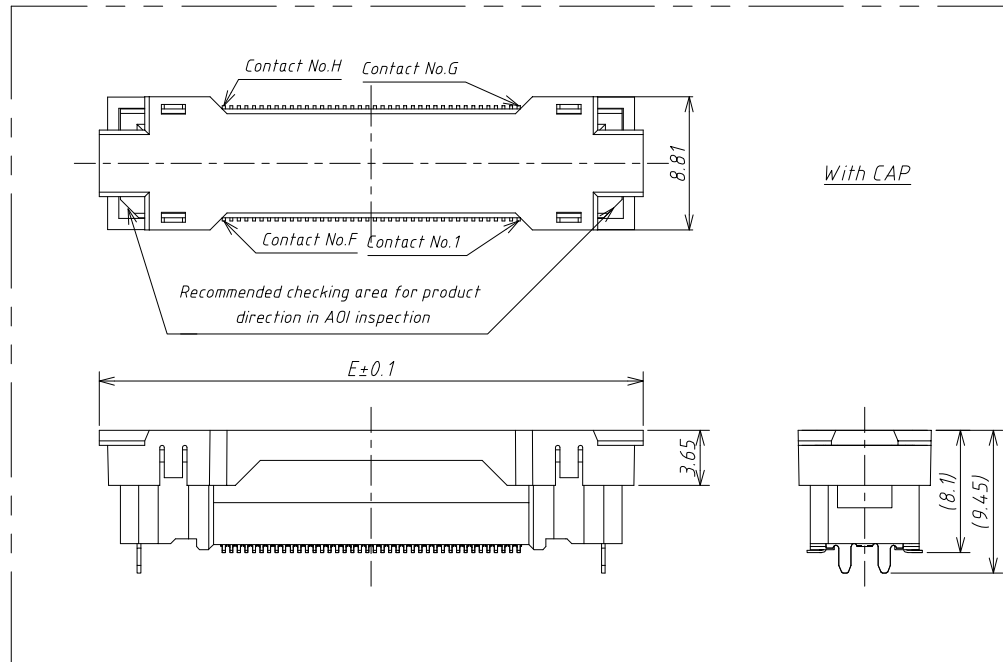
NOTES:
1. "▲" means Important dimentions.
2. PART NO. Specifications : 123053-60XX50-HF

XX: Code of signal contact quantity

4	Hook	2	Copper alloy	Under: Ni 50~100u'', Tail: Tin 80~150u''
3	Signal contact	Pin number	Copper alloy	Under: Ni 60~200u'', Contact: Au 4u'' Min, Tail: Tin 80~150u''
2	CAP	1	LCP, UL94V-0, Black	N/A
1	Insulator	1	LCP, UL94V-0, Black	N/A
No.	Part name	Quantity	Material	Plating

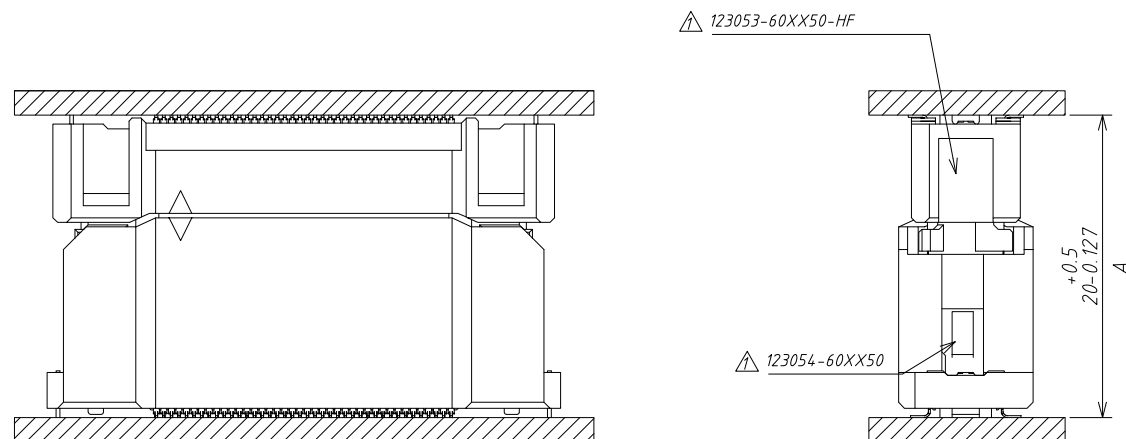
Part Number updated	QF.Dong	2022-06-29			
New released	Kuan He	2022-06-28			
SER	REVISIONS	CHK	DATE		

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		客户图 Drawings		客户图 Drawings	
X.		APPROVED	DATE	COMPUTER NO	Page 1/2
X.X	±0.20	TS Chen	2022-02-10	123053-60XX50-HF	
X.XX	±0.10	CHECKED	DATE	NAME	
X.XXX		QF DONG	2022-02-10	BTB0.5-SB REC (THR NPC TYPE)	
ANG.	±0°30'	DRAWN	DATE	SIZE	SCALE
		Kuan He	2022-02-10	A4	2:1
					REV B



Recommended land pattern dimension of PCB
(PCB thickness: $T=1.6\text{mm}$)

				UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		客户图 Drawings	北极大电子科技有限公司 BEIJIDA ELECTRONICS TECHNOLOGY CO. LIMITED			
				X.		APPROVED	DATE	COMPUTER NO	Page 2/2	
				X.X	± 0.20	TS Chen	2022-02-10	Δ 123053-60XX50-HF		
				X.XX	± 0.10	CHECKED	DATE	NAME	BTB0.5-SB REC (THR NPC TYPE)	
				X.XXX		QF DONG	2022-02-10			
				ANG.	$\pm 0'30''$	DRAWN	DATE	SIZE	SCALE	REV
SER	REVISIONS	CHK	DATE	UNIT		Kuan He	2022-02-10	A4	2:1	B



- 1.Dimension A is a dimension between boards after mounting.When the connectors are mated, the dimension between the boards shall be within dimension A.
- 2.Dimension A does not consider board warp or cream solder thickness.
- 3.When boards are fixed,do not fixed by only connector.Please take measures to fix board like screw up.
- 4.Floating Range
- 4-1:X Direction:±0.6mm
- 4-2:Y Direction:±0.6mm

PART NAME		PART No.	NOTE
Floating BTB 0.5-5H THR NPC		123054-60XX50	XX: Code of signal contact quantity
Floating BTB 0.5-5B THR NPC		123053-60XX50-HF	

				UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	客户图 Drawings	北极大电子科技有限公司 BEIJIDA ELECTRONICS TECHNOLOGY CO. LIMITED			
				X.	APPROVED	DATE	COMPUTER NO		
				X.X ±0.20	TS Chen	2022-02-10			
				X.XX ±0.10	CHECKED	DATE	NAME		
				X.XXX	QF DONG	2022-02-10	BTB0.5-5 Mating Drawing THR, NPC, H20		
				ANG. ±0°30'	DRAWN	DATE	SIZE	SCALE	REV
SER	REVISIONS	CHK	DATE	UNIT	Kuan He	2022-02-10	A4	2:1	B
				MM					