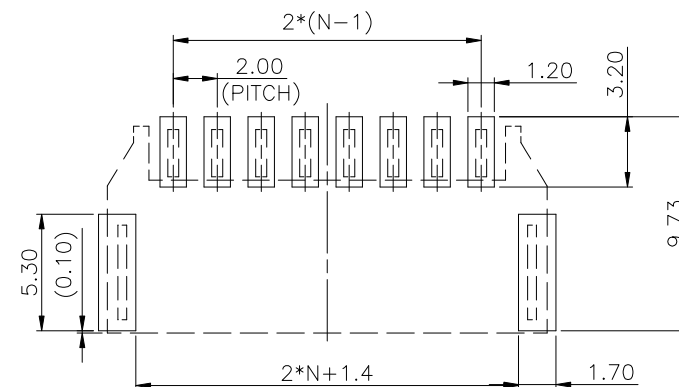
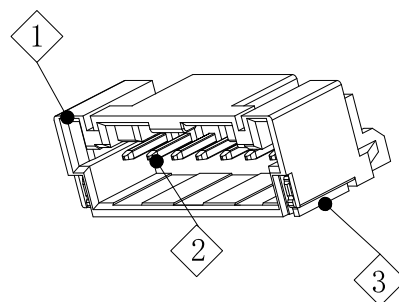
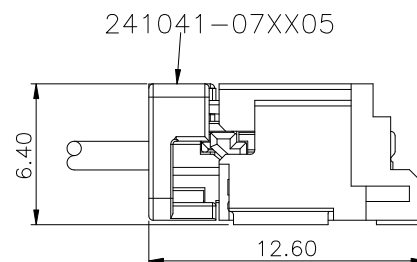
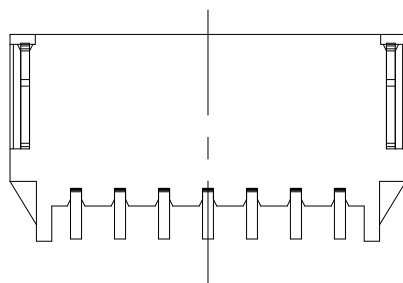
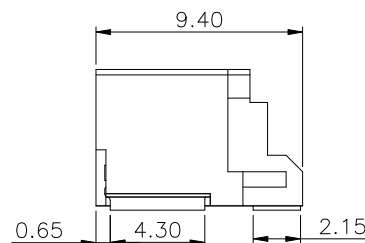
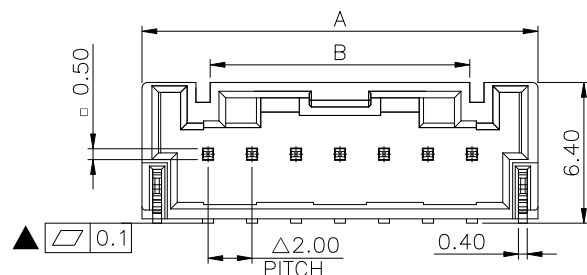




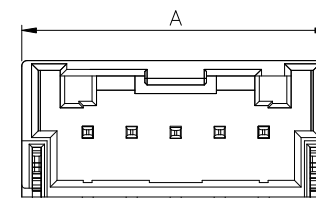
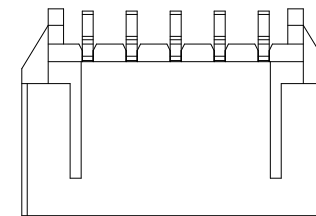
NOTES:
VOLTAGE RATING: 250V AC/DC MAX.
CURRENT RATING: 3A AC/DC(HIGHER
CURRENT RATING ACHIEVABLE,CONTACT
SALES FOR ADDITIONAL TECHNICAL
INFORMATION).
WITHSTANDING VOLTAGE: 800V AC/MINUTE
TEMPERATURE RANGE: -40°C ~ +125°C
INSULATION RESISTANCE: $\geq 1000\text{M}\Omega$
CONTACT RESISTANCE: $\leq 10\text{m}\Omega$
AFTER ENVIRONMENTAL TESTING: $\leq 20\text{m}\Omega$
APPLICABLE BJD HSG: 24104X-07XX05



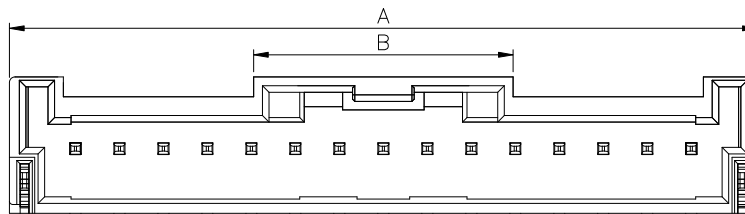
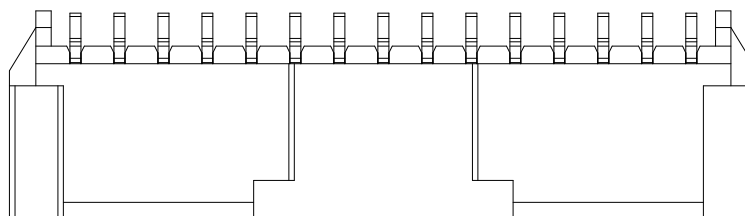
MATED DIMENSION

P/N SYSTEM:
14104X-21 XX 10
SEQUENCE NO. 02-02PIN
1-HSG COLOR:NATURAL 03-03PIN
3-HSG COLOR:BLACK

3	SOLDERING PIN	2	COPPER ALLOY	MATTE TIN PLATED OVER NICKEL						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				
2	CONTACT PIN	N	COPPER ALLOY	MATTE TIN PLATED OVER NICKEL						X.		APPROVED	DATE	PART NO				
					X3	ADD NEW MATERIAL COLOR	Jay	2024-01-19		X.X	±0.30	Jay	2021-03-24	14104X-21XX10				
										X.XX	±0.20							
1	HOUSING	1	PA9T		X2	ADD NEW OPTION	Jay	2023-09-26		X.XXX		CHECKED	DATE	NAME				
					X1	ADD MISSING DIMENSIONS	Jay	2022-03-17		ANG.	±2'	Jay	2021-03-24	2.00mm R/A SMT WAFER				
ITEM	PART NAME	Q'TY	MATERIAL	FINISH	X0	INITIAL REVISION	Jay	2021-03-24	UNIT			DRAWN	DATE	SIZE	SCALE	SHEET	REV	
					SER	REVISIONS	CHK	DATE	MM			Bob	2021-03-24	A4	3:1	1/2	X3	
0		1			4		5		6			7		8		9		



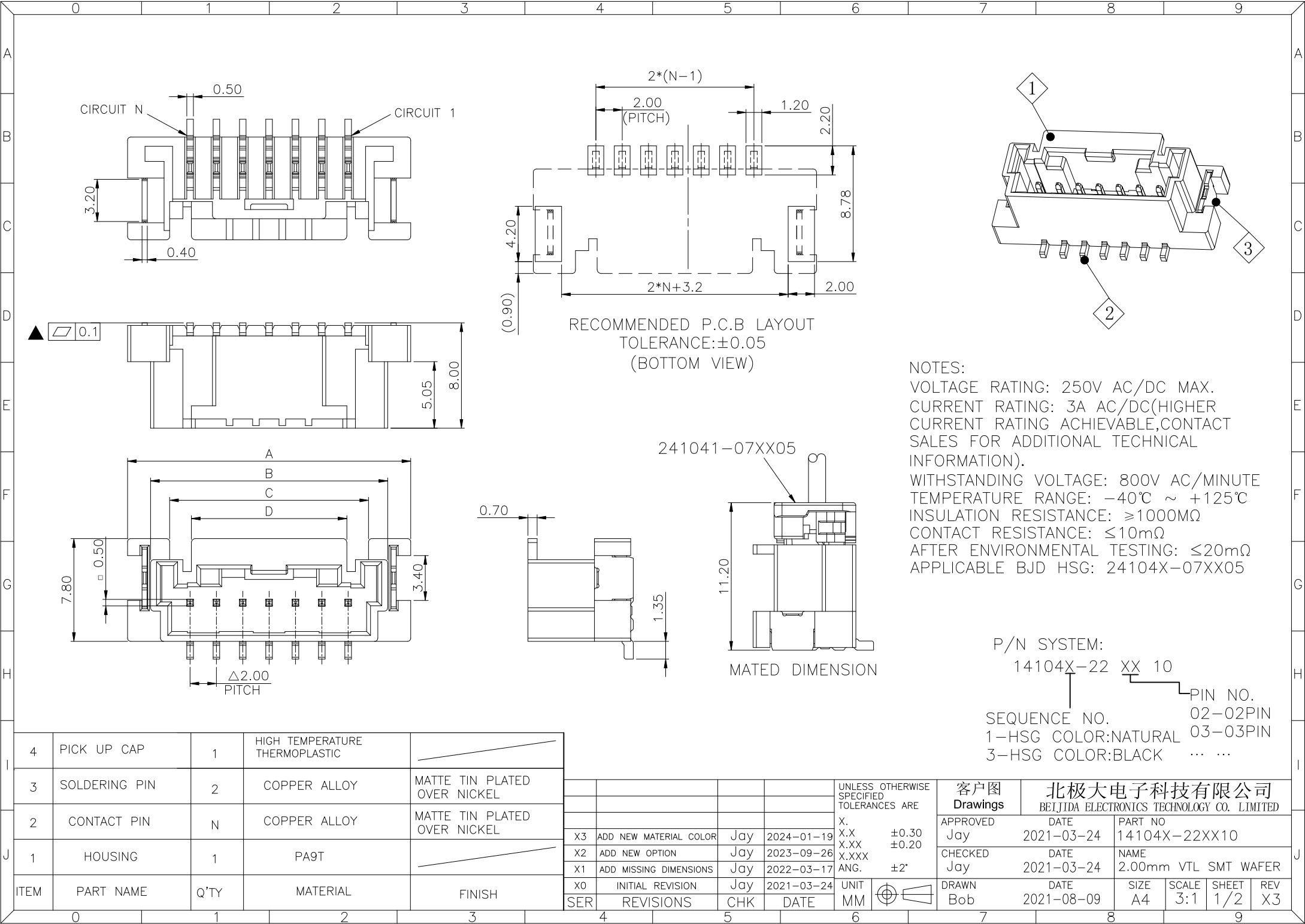
5PIN



7~15PIN

PIN NO.	DIM.	
	A	B
02	8.00	6.30
03	10.00	
04	12.00	
05	14.00	
06	16.00	
07	18.00	11.80
08	20.00	11.80
09	22.00	11.80
10	24.00	11.80
11	26.00	11.80
12	28.00	11.80
13	30.00	11.80
14	32.00	11.80
15	34.00	11.80

				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							
							APPROVED Jay		DATE 2021-03-24		PART NO 14104X-21XX10			
X3	ADD NEW MATERIAL COLOR	Jay	2024-01-19				X.X ±0.30		CHECKED Jay		DATE 2021-03-24		NAME 2.00mm R/A SMT WAFER	
X2	ADD NEW OPTION	Jay	2023-09-26				X.XX ±0.20							
X1	ADD MISSING DIMENSIONS	Jay	2022-03-17	X.XXX ANG. ±2°										
X0	INITIAL REVISION	Jay	2021-03-24	UNIT MM		DRAWN Bob		DATE 2021-03-24		SIZE A4	SCALE 3:1	SHEET 2/2	REV X3	
SER	REVISIONS	CHK	DATE											



RECOMMENDED P.C.B LAYOUT
TOLERANCE:±0.05
(BOTTOM VIEW)

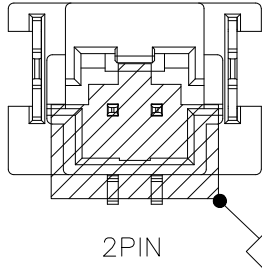
NOTES:
VOLTAGE RATING: 250V AC/DC MAX.
CURRENT RATING: 3A AC/DC(HIGHER
CURRENT RATING ACHIEVABLE,CONTACT
SALES FOR ADDITIONAL TECHNICAL
INFORMATION).
WITHSTANDING VOLTAGE: 800V AC/MINUTE
TEMPERATURE RANGE: -40℃ ~ +125℃
INSULATION RESISTANCE: ≥1000MΩ
CONTACT RESISTANCE: ≤10mΩ
AFTER ENVIRONMENTAL TESTING: ≤20mΩ
APPLICABLE BJD HSG: 24104X-07XX05

P/N SYSTEM:
14104X-22 XX 10
SEQUENCE NO. 02-02PIN
1-HSG COLOR:NATURAL 03-03PIN
3-HSG COLOR:BLACK

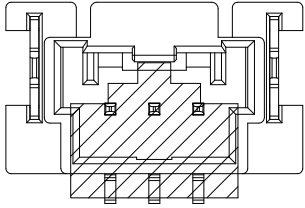
4	PICK UP CAP	1	HIGH TEMPERATURE THERMOPLASTIC	
3	SOLDERING PIN	2	COPPER ALLOY	MATTE TIN PLATED OVER NICKEL
2	CONTACT PIN	N	COPPER ALLOY	MATTE TIN PLATED OVER NICKEL
1	HOUSING	1	PA9T	
ITEM	PART NAME	Q'TY	MATERIAL	FINISH

				UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		客户图		北极大电子科技有限公司			
						Drawings		BEIJIDA ELECTRONICS TECHNOLOGY CO. LIMITED			
						APPROVED		DATE		PART NO	
						Jay		2021-03-24		14104X-22XX10	
						CHECKED		DATE		NAME	
						Jay		2021-03-24		2.00mm VTL SMT WAFER	
						DRAWN		DATE		SIZE	
						Bob		2021-08-09		A4	
										SCALE	
										3:1	
										SHEET	
										1/2	
										REV	
										X3	

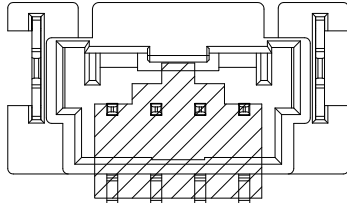
INTERFACE PROFILE
SHOWN WITH PICK UP CAP



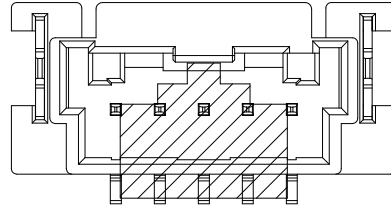
2PIN



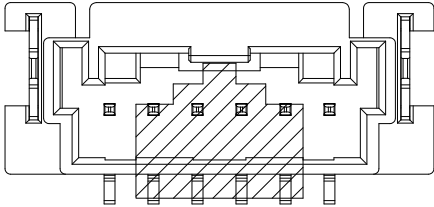
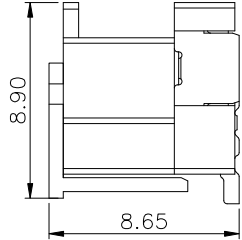
3PIN



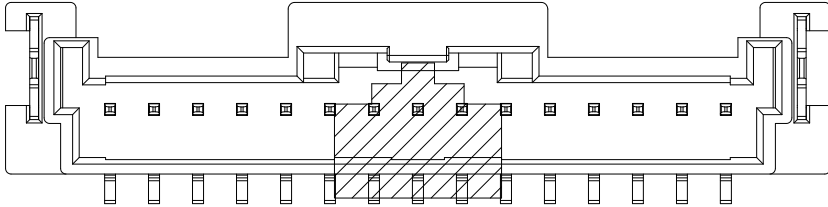
4PIN



5PIN



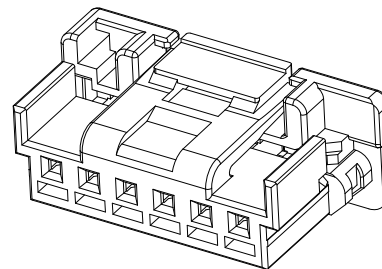
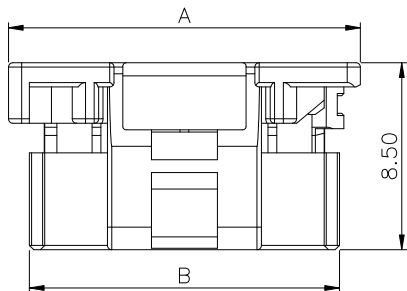
6PIN



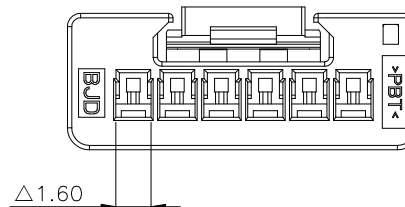
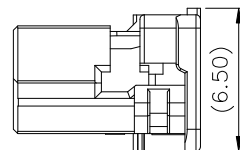
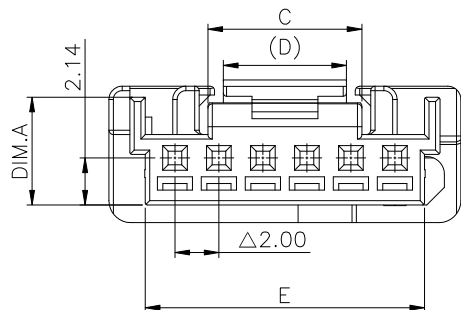
7~15PIN

PIN NO.	DIM.			
	A	B	C	D
02	11.50	8.00		6.30
03	13.50	10.00	7.10	5.80
04	15.50	12.00	9.10	7.80
05	17.50	14.00	11.10	9.80
06	19.50	16.00	13.10	11.80
07	21.50	18.00	15.10	11.80
08	23.50	20.00	17.10	11.80
09	25.50	22.00	19.10	11.80
10	27.50	24.00	21.10	11.80
11	29.50	26.00	23.10	11.80
12	31.50	28.00	25.10	11.80
13	33.50	30.00	27.10	11.80
14	35.50	32.00	29.10	11.80
15	37.50	34.00	31.10	11.80

				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		PART NO			
X3	ADD NEW MATERIAL COLOR	Jay	2024-01-19	X.X	±0.30		Jay	2021-03-24		14104X-22XX10			
X2	ADD NEW OPTION	Jay	2023-09-26	X.XX	±0.20		CHECKED	DATE		NAME			
X1	UPDATE THE DRAWING	Jay	2022-03-17	X.XXX		Jay	2021-03-24		2.00mm VTL SMT WAFER				
X0	INITIAL REVISION	Jay	2021-03-24	UNIT		DRAWN	DATE		SIZE	SCALE	SHEET	REV	
SER	REVISIONS	CHK	DATE	MM		Bob	2021-03-24		A4	3:1	2/2	X3	



PIN NO.	DIM.				
	A	B	C	D	E
02	8.00	6.10	4.70	3.35	4.70
03	10.00	8.10	4.90	3.50	6.70
04	12.00	10.10	6.90	5.60	8.70
05	14.00	12.10	7.00	5.60	10.70
06	16.00	14.10	7.00	5.60	12.70
07	18.00	16.10	7.00	5.60	14.70
08	20.00	18.10	7.00	5.60	16.70
09	22.00	20.10	7.00	5.60	18.70
10	24.00	22.10	7.00	5.60	20.70
11	26.00	24.10	7.00	5.60	22.70
12	28.00	26.10	7.00	5.60	24.70
13	30.00	28.10	7.00	5.60	26.70
14	32.00	30.10	7.00	5.60	28.70
15	34.00	32.10	7.00	5.60	30.70

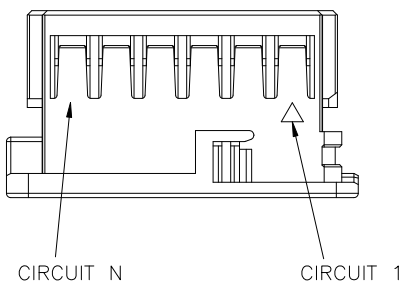


NOTES:
VOLTAGE RATING: 250V AC/DC MAX.
CURRENT RATING: 3A AC/DC(HIGHER CURRENT RATING ACHIEVABLE,CONTACT SALES FOR ADDITIONAL TECHNICAL INFORMATION).
WITHSTANDING VOLTAGE: 800V AC/MINUTE
TEMPERATURE RANGE: -40℃ ~ +125℃
INSULATION RESISTANCE: ≥1000MΩ
CONTACT RESISTANCE: ≤10mΩ
AFTER ENVIRONMENTAL TESTING: ≤20mΩ
MATERIAL:PBT
APPLICABLE
BJD WAFER: 14104X-21XX10
BJD TPA: 241041-09XX06
BJD TERMINAL: 241041-0811X0

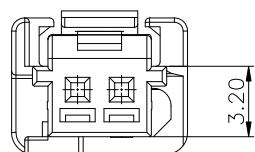
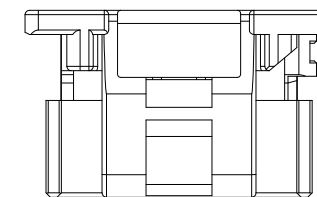
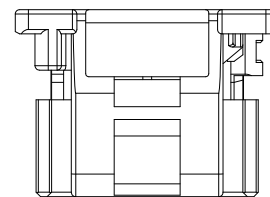
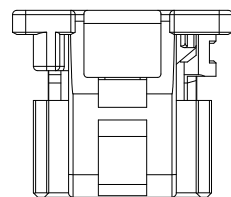
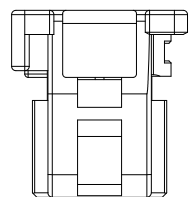
P/N SYSTEM:

24104X-07 XX 05

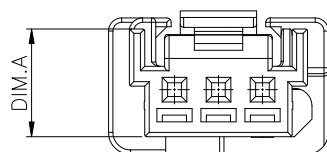
1:DIM.A=4.90, WHITE PIN NO.
2:DIM.A=3.70, WHITE 02-02PIN
3:DIM.A=3.70, BLACK 03-03PIN
5:DIM.A=4.90, BLACK



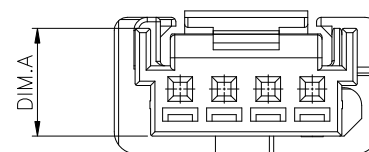
				UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		客户图 Drawings	北极大电子科技有限公司 BEIJIDA ELECTRONICS TECHNOLOGY CO. LIMITED						
X4	ADD NEW MATERIAL COLOR	Jay	2024-01-19	X.		APPROVED	DATE	PART NO					
X3	MODIFY THE SIZE	Jay	2023-02-22	X.X	±0.30	Jay	2021-03-24	24104X-07XX05					
X2	ADD NEW OPTION	Jay	2022-04-15	X.XX	±0.20	CHECKED	DATE	NAME					
X1	UPDATE THE DRAWING	Jay	2022-04-03	X.XXX									
X0	INITIAL REVISION	Jay	2021-03-24	ANG.	±2'	DRAWN	DATE	2.00mm WTB HOUSING					
SER	REVISIONS	CHK	DATE	UNIT	MM								
								SIZE	SCALE	SHEET	REV		
								A4	3:1	1/2	X4		



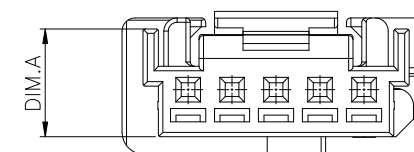
2PIN



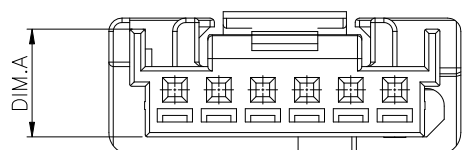
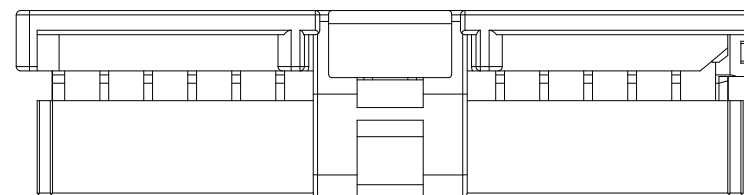
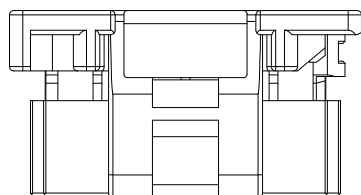
3PIN



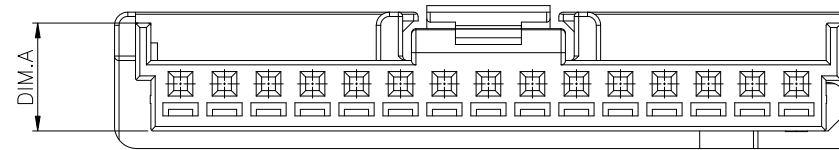
4PIN



5PIN

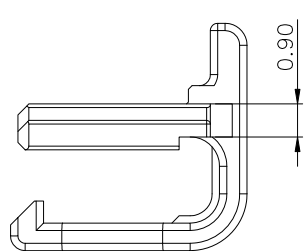


6PIN

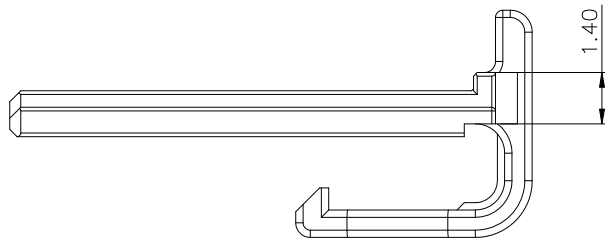


7~15PIN

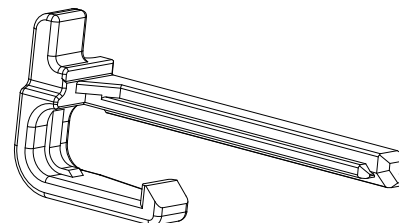
				UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	客户图 Drawings	北极大电子科技有限公司 BEIJIDA ELECTRONICS TECHNOLOGY CO., LIMITED						
X4	ADD NEW MATERIAL COLOR	Jay	2024-01-19			X.	APPROVED	DATE	PART NO			
X3	MODIFY THE SIZE	Jay	2023-02-22			X.X ±0.30	Jay	2021-03-24	24104X-07XX05			
X2	ADD NEW OPTION	Jay	2022-04-15			X.XX ±0.20	CHECKED	DATE	NAME			
X1	UPDATE THE DRAWING	Jay	2022-04-03			X.XXX						
X0	INITIAL REVISION	Jay	2021-03-24			ANG. ±2°						
SER	REVISIONS	CHK	DATE	UNIT		DRAWN	DATE	SIZE	SCALE	SHEET	REV	
	4		5	6		Bob.Jiang	2021-03-24	A4	3:1	2/2	X4	



2PIN



3~15PIN



PIN NO.	DIM.
	A
02	6.25
03	8.25
04	10.25
05	12.25
06	14.25
07	16.25
08	18.25
09	20.25
10	22.25
11	24.25
12	26.25
13	28.25
14	30.25
15	32.25

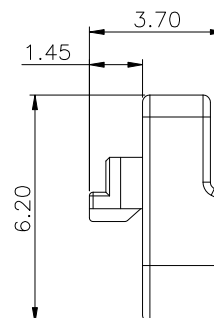
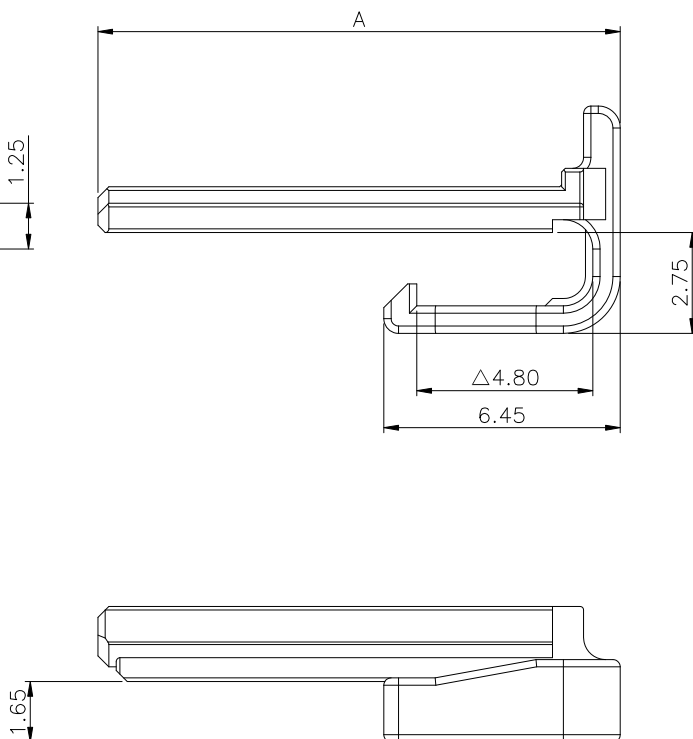
NOTES:
VOLTAGE RATING: 250V AC/DC MAX.
CURRENT RATING: 3A AC/DC(HIGHER
CURRENT RATING ACHIEVABLE,CONTACT
SALES FOR ADDITIONAL TECHNICAL
INFORMATION).
WITHSTANDING VOLTAGE: 800V AC/MINUTE
TEMPERATURE RANGE: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
INSULATION RESISTANCE: $\geq 1000\text{M}\Omega$
CONTACT RESISTANCE: $\leq 10\text{m}\Omega$
AFTER ENVIRONMENTAL TESTING: $\leq 20\text{m}\Omega$

MATERIAL:PBT BLACK

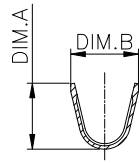
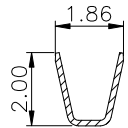
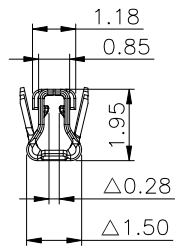
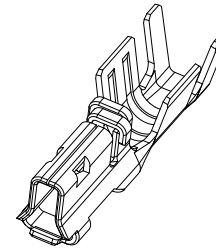
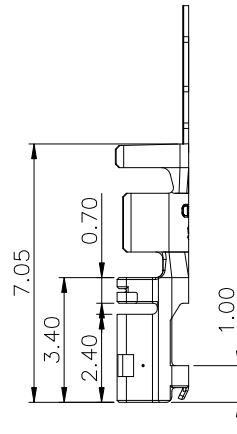
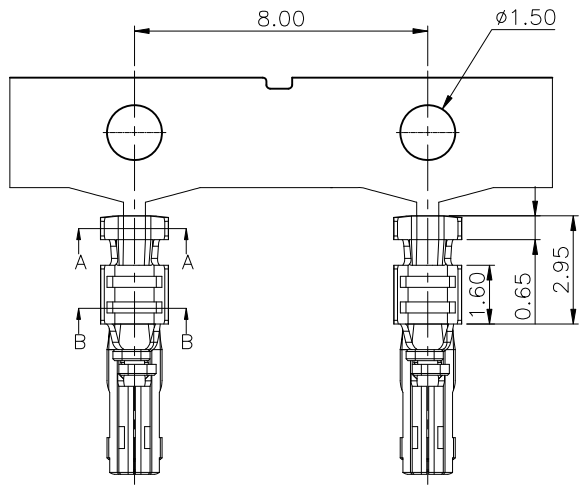
APPLICABLE
BJD HSG: 24104X-07XX05

P/N SYSTEM:
241041-09 XX 06

PIN NO.
02-02PIN
03-03PIN
... ..



				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	PART NO			
				X.X ± 0.30	Jay	2021-03-24	241041-09XX06			
				X.XX ± 0.20	CHECKED	DATE	NAME			
				X.XXX	Jay	2021-03-24	2.00mm WTB TPA			
				ANG. $\pm 2^{\circ}$	DRAWN	DATE	SIZE	SCALE	SHEET	REV
X1	ADD COLOR TO MATERIAL	Jay	2024-01-08	UNIT	Bob	2021-03-24	A4	5:1	1/1	X1
X0	INITIAL REVISION	Jay	2021-03-24	MM						
SER	REVISIONS	CHK	DATE							



SECTION A-A

SECTION B-B

NOTES:

VOLTAGE RATING: 250V AC/DC MAX.

CURRENT RATING: 3A AC/DC(HIGHER CURRENT RATING ACHIEVABLE,CONTACT SALES FOR ADDITIONAL TECHNICAL INFORMATION).

WITHSTANDING VOLTAGE: 800V AC/MINUTE

TEMPERATURE RANGE: -40℃ ~ +125℃

INSULATION RESISTANCE: ≥1000MΩ

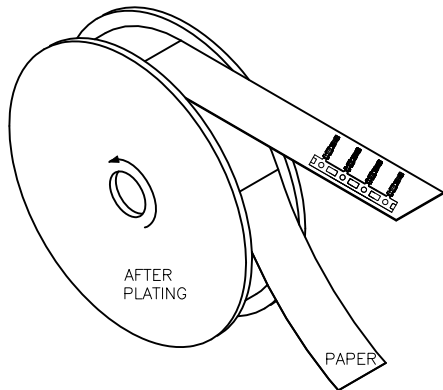
CONTACT RESISTANCE: ≤10mΩ

AFTER ENVIRONMENTAL TESTING: ≤20mΩ

MATERIAL: PHOSPHOR BRONZE

PLATING: 120u”(1~3um)NI,80~200u”(2~5um)TIN

APPLICABLE BJD HOUSING: 24104X-07XX05



241041-081150	0.35mm ² ~0.50mm ² (22 AWG~20 AWG) OD=1.60 MAX.	1.80	1.85
241041-081160	0.22mm ² ~0.13mm ² (24 AWG~26 AWG) OD=1.20 MAX.	1.22	1.58
P/N	WIRE SIZE	DIM.A	DIM.B

				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		PART NO			
				X.X ±0.30		Jay		2021-03-24		241041-0811X0			
				X.XX ±0.20		CHECKED		DATE		NAME			
				X.XXX		Jay		2021-03-24		2.00mm WTB TERMINAL			
				ANG. ±2°		DRAWN		DATE		SIZE		SCALE	
X1	MODIFY WIRE SIZE	Jay	2022-05-12	UNIT		Bob		2021-03-24		A4		5:1	
X0	INITIAL REVISION	Jay	2021-03-24	MM						1/1		SHEET	
SER	REVISIONS	CHK	DATE									REV	
												X1	