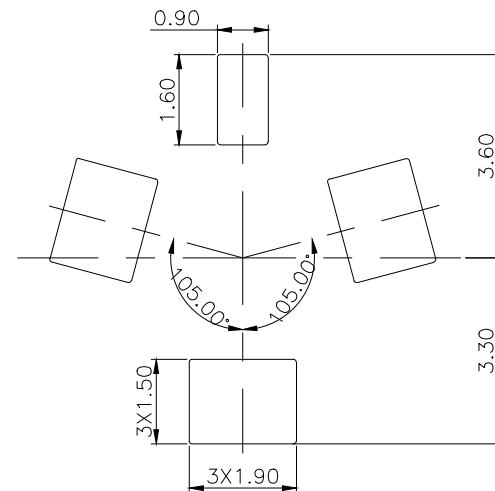
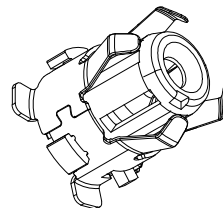
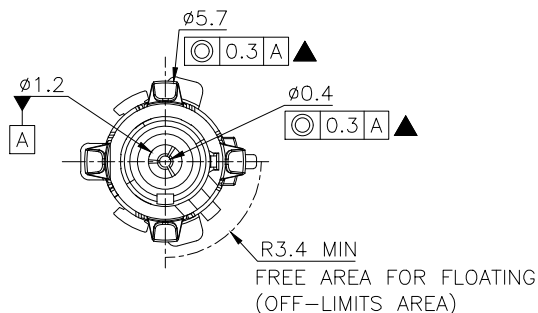
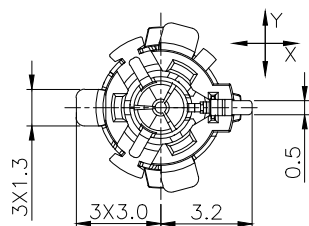
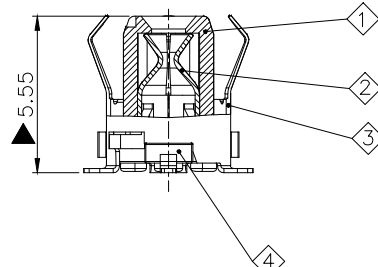
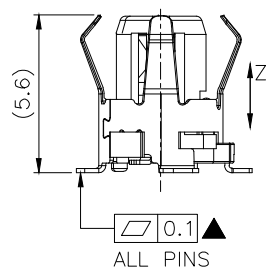


This BJD drawing is confidential and must not be communicated to any third party without BJD prior written consent.



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

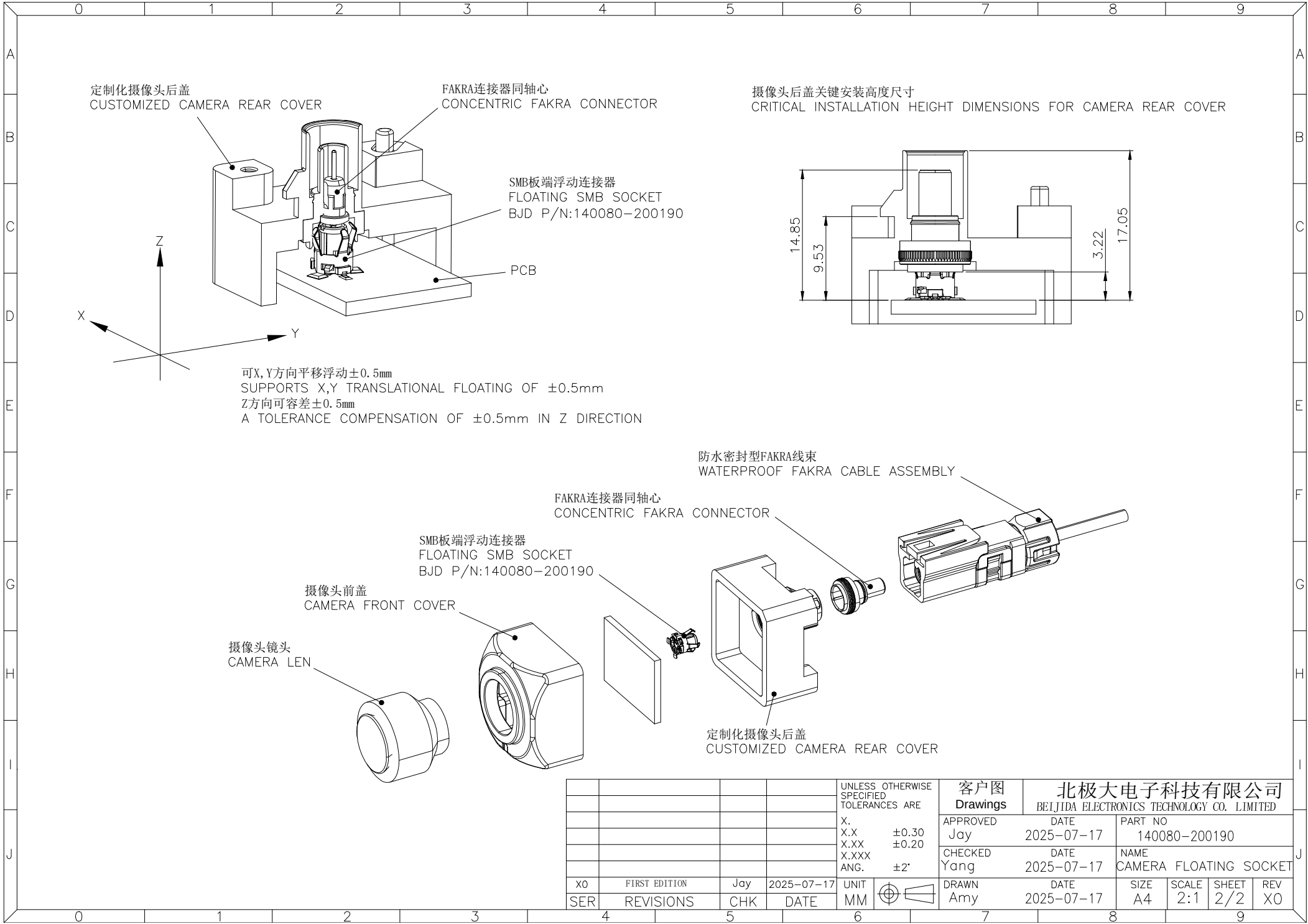


NOTES:
1.DC CURRENT: 1A MAX.
2.WORKING VOLTAGE(AT SEA LEVEL): 60V DC MAX
3.TEST VOLTAGE: 750V rms
4.OUTER CONTACT RESISTANCE: 20m Ω MAX
5.CENTER CONTACT RESISTANCE: 40m Ω MAX
6.INSULATION RESISTANCE: $\geq 100M\Omega$
7.IMPEDANCE: 50 $\Omega \pm 10\%$ (TDR TEST WITH 160ps RISE TIME AT PULSE)
8.FREQUENCY DC: 6GHz
RETURN LOSS:
 ≥ 25 dB (2MHz TO 0.5GHz)
 $\geq 25 - 4.333 * (f - 0.5GHz) / 1GHz$ [dB] (0.5GHz TO 3.5GHz)
 ≥ 12 dB (3.5GHz TO 6GHz)
f in GHz
INSERTION LOSS:
 ≤ 0.3 dB (2MHz TO 1GHz)
 $\leq 0.3 + 0.3 * (f - 1GHz) / 1GHz$ [dB] (1GHz TO 6GHz)
f in GHz
9.CONNECTOR MUST WORK IN A SYSTEM WITH THE SMD SOCKET
WITHOUT DEGRADATION OF ELECTRICAL PARAMETERS SPECIFIED ABOVE.
WHEN ASSEMBLED WITH SMD SOCKET, SHALL ENSURE A TOLERANCE
COMPENSATION OF ± 0.5 mm IN X, Y AND Z DIRECTIONS.

4	BOTTOM COVER	1	PA10T-GF30	BLACK
3	OUTER CONTACT	1	COPPER ALLOY	SOLDERING AREA:TIN OVER NICKEL CONTACT AREA:NICKEL
2	INNER CONTACT	1	COPPER ALLOY	SOLDERING AREA:TIN OVER NICKEL CONTACT AREA:GOLD OVER NICKEL
1	DIELECTRIC	1	PA10T-GF30	BLACK
ITEM	PART NAME	Q'TY	MATERIAL	FINISH/COLOR

X0	FIRST EDITION	Jay	2025-07-17
SER	REVISIONS	CHK	DATE

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. X.X X.XX X.XXX ANG.	APPROVED Jay	DATE 2025-07-17
± 0.30 ± 0.20 $\pm 2^\circ$	CHECKED Jay	DATE 2025-07-17
	DRAWN Yang	DATE 2025-07-17
		PART NO 140080-200190
		NAME CAMERA FLOATING SOCKET
		SIZE A4
		SCALE 4:1
		SHEET 1/2
		REV X0



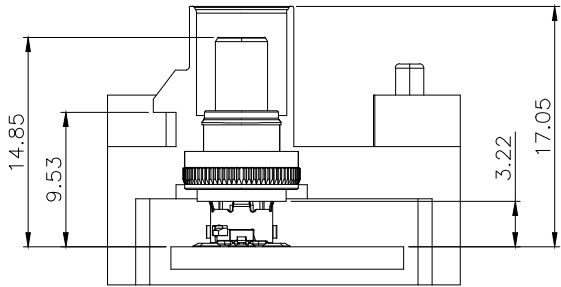
定制化摄像头后盖
CUSTOMIZED CAMERA REAR COVER

FAKRA连接器同轴心
CONCENTRIC FAKRA CONNECTOR

SMB板端浮动连接器
FLOATING SMB SOCKET
BJD P/N:140080-200190

PCB

摄像头后盖关键安装高度尺寸
CRITICAL INSTALLATION HEIGHT DIMENSIONS FOR CAMERA REAR COVER



可X,Y方向平移浮动±0.5mm
SUPPORTS X,Y TRANSLATIONAL FLOATING OF ±0.5mm
Z方向可容差±0.5mm
A TOLERANCE COMPENSATION OF ±0.5mm IN Z DIRECTION

防水密封型FAKRA线束
WATERPROOF FAKRA CABLE ASSEMBLY

FAKRA连接器同轴心
CONCENTRIC FAKRA CONNECTOR

SMB板端浮动连接器
FLOATING SMB SOCKET
BJD P/N:140080-200190

摄像头前盖
CAMERA FRONT COVER

摄像头镜头
CAMERA LENS

定制化摄像头后盖
CUSTOMIZED CAMERA REAR COVER

				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		2025-07-17		140080-200190			
				X.XX ±0.20									
				X.XXX		CHECKED		DATE		NAME			
				ANG. ±2°		Yang		2025-07-17		CAMERA FLOATING SOCKET			
X0	FIRST EDITION	Jay	2025-07-17	UNIT		DRAWN		DATE		SIZE	SCALE	SHEET	REV
SER	REVISIONS	CHK	DATE	MM		Amy		2025-07-17		A4	2:1	2/2	X0