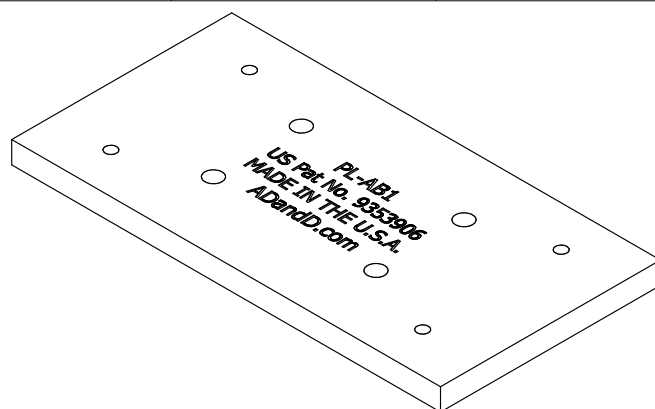
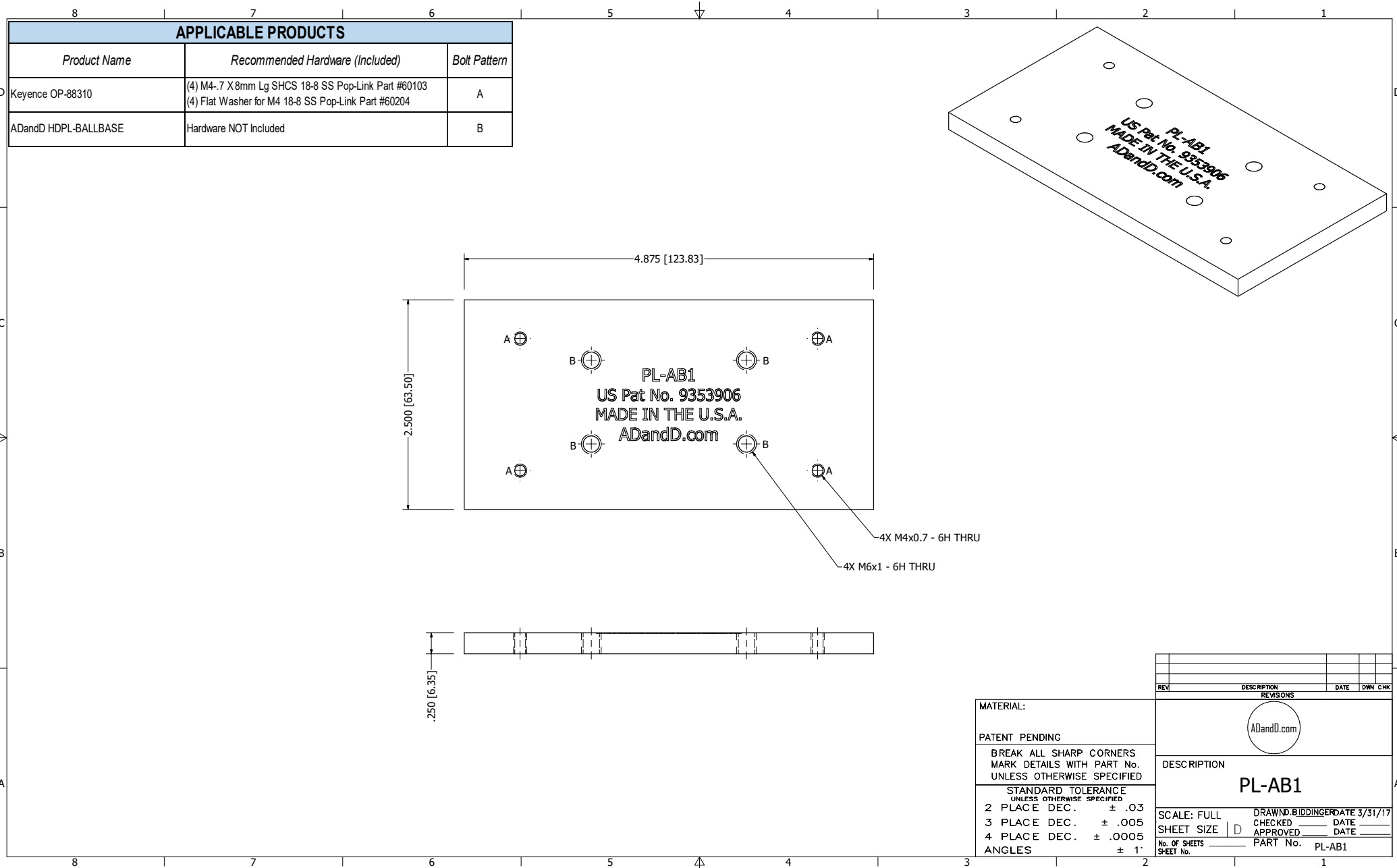
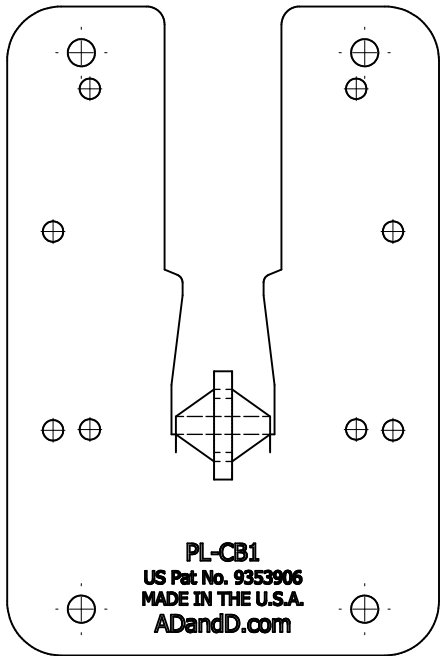
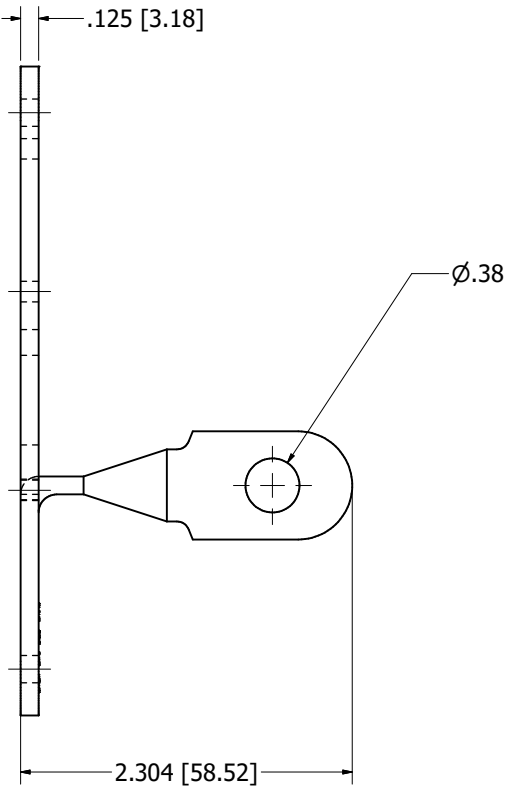
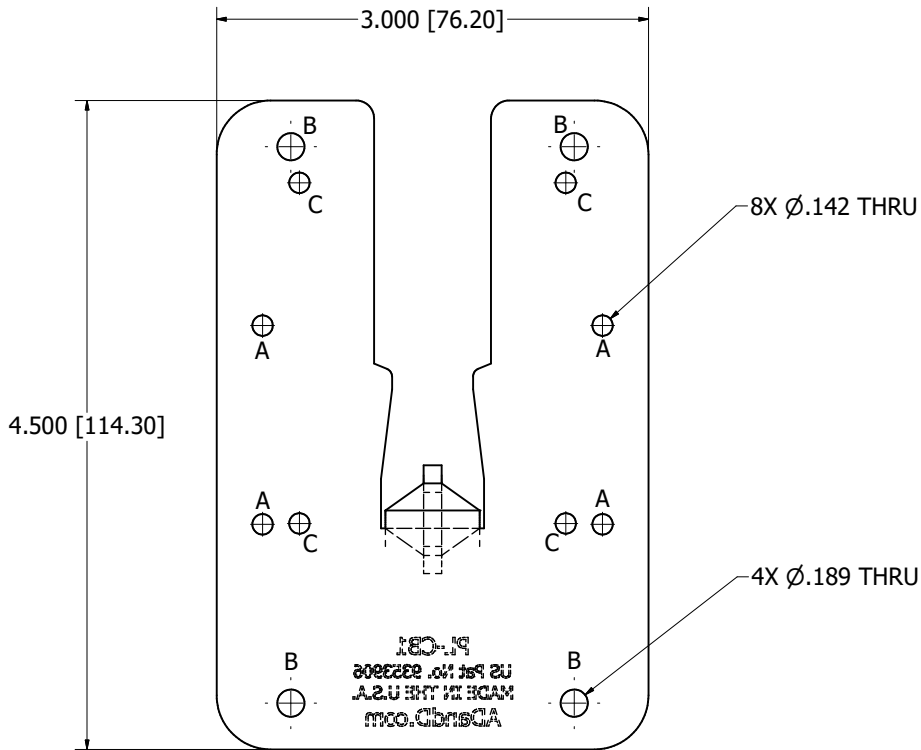
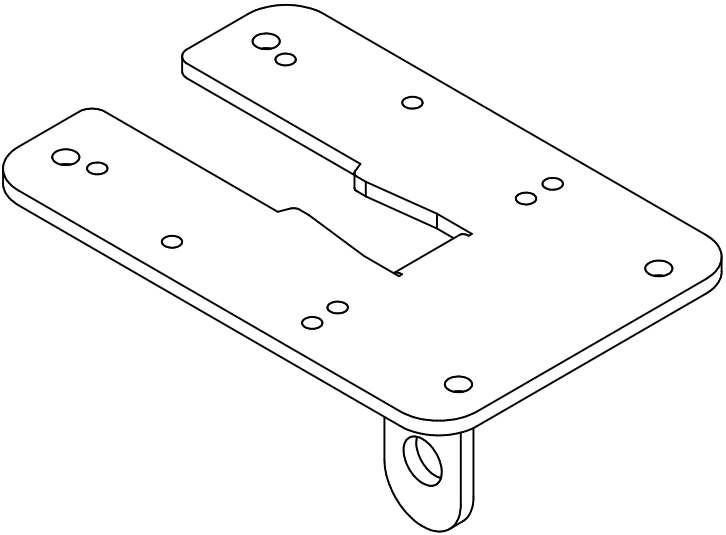




REVISIONS		DATE	OWN	CHK
REV	DESCRIPTION			

MATERIAL:		ADandD.com	
PATENT PENDING		DESCRIPTION	
BREAK ALL SHARP CORNERS MARK DETAILS WITH PART No. UNLESS OTHERWISE SPECIFIED		PL-AB1	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED		SCALE: FULL	
2 PLACE DEC. ± .03		DRAWN: BIDDINGER DATE 3/31/17	
3 PLACE DEC. ± .005		CHECKED: DATE	
4 PLACE DEC. ± .0005		APPROVED: DATE	
ANGLES ± 1'		No. OF SHEETS PART No. PL-AB1	
		SHEET No.	

APPLICABLE PRODUCTS		
Product Name	Recommended Hardware (Included)	Bolt Pattern
Cognex 5000 Series Camera	(4) M3-.5x12mm Lg SHCS	A
Cognex DM500 Series Reader	(4) M4-.7x12mm Lg SHCS	B
Banner VE Series Camera	(4) M3-.5 X 6mm Lg SHCS	C



TOTAL ASSEMBLED WEIGHT
0 lbs. 2.25 ozs.

MATERIAL:

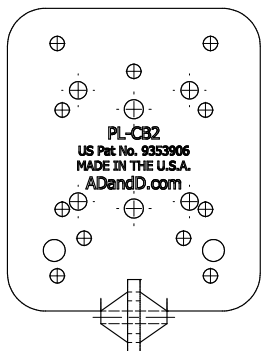
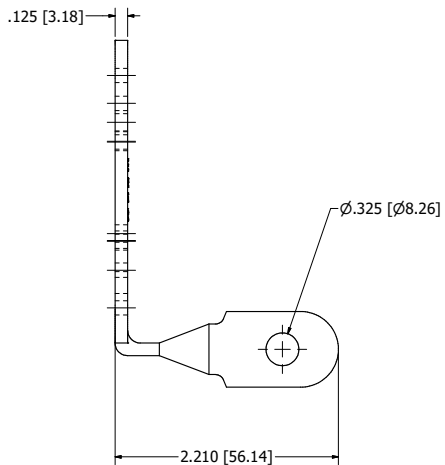
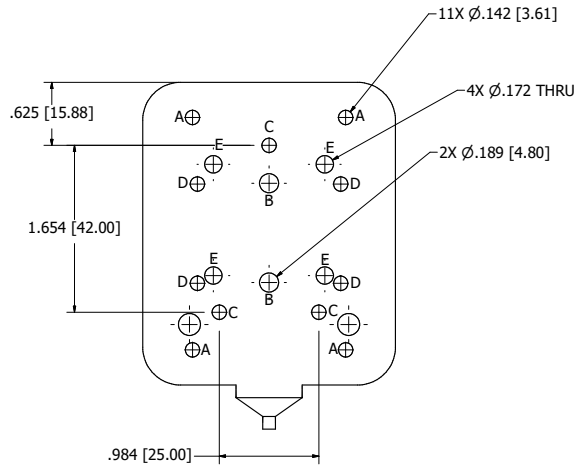
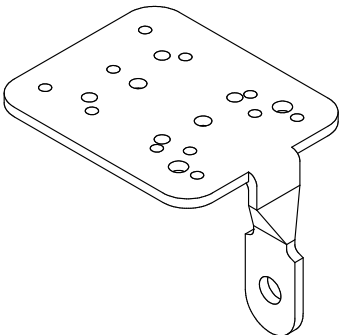
PATENT PENDING

BREAK ALL SHARP CORNERS
MARK DETAILS WITH PART No.
UNLESS OTHERWISE SPECIFIED

STANDARD TOLERANCE
UNLESS OTHERWISE SPECIFIED
2 PLACE DEC. ± .03
3 PLACE DEC. ± .005
4 PLACE DEC. ± .0005
ANGLES ± 1°

REV	DESCRIPTION	DATE	DWN	CHK
REVISIONS				
ADandD.com				
DESCRIPTION				
PL-CB1				
SCALE: FULL				
DRAWND.BIDDINGERDATE 3/31/17				
SHEET SIZE D				
CHECKED _____ DATE _____				
APPROVED _____ DATE _____				
No. OF SHEETS _____ PART No. PL-CB1				
SHEET No. _____				

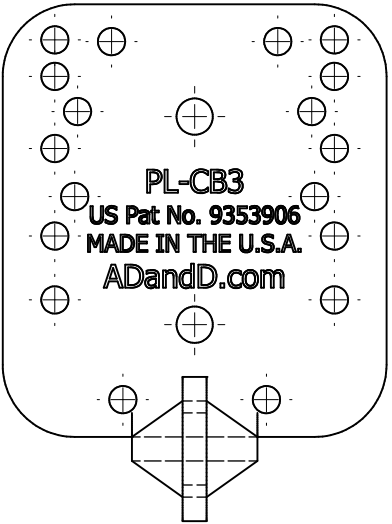
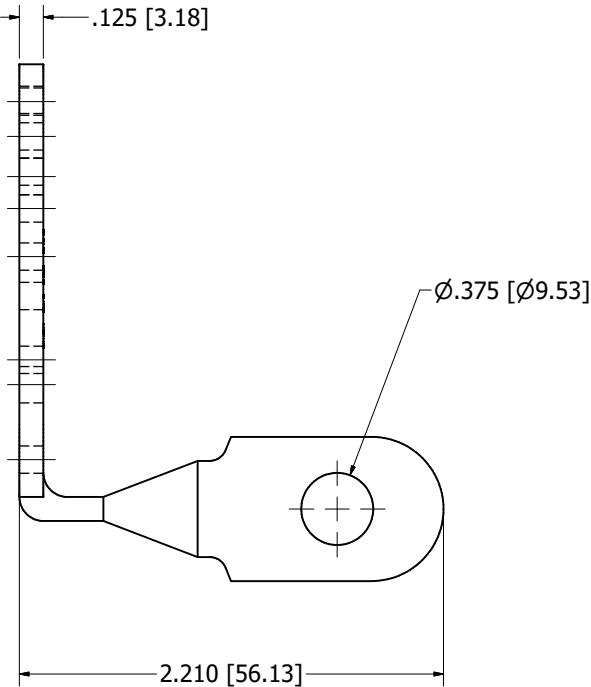
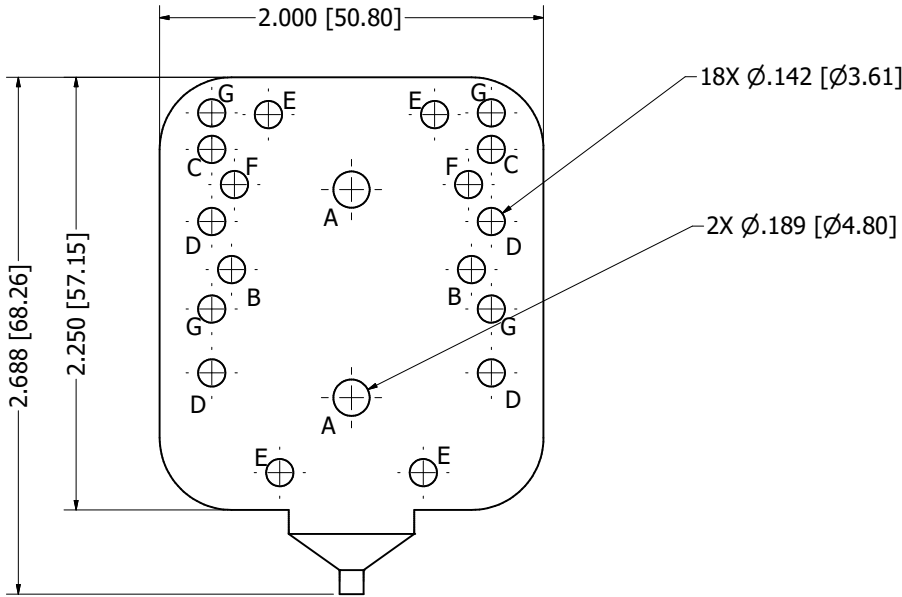
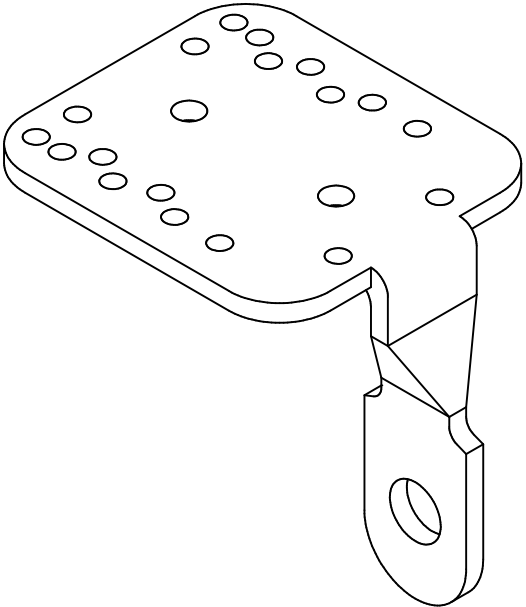
APPLICABLE PRODUCTS		
Product Name	Recommended Hardware (Included)	Bolt Pattern
Cognex Insight 7000 Series Camera	(4) M3-.5x12mm SHCS	A
Keyence IV Vision Sensor	(2) M4-.7x12mm SHCS	B
Keyence SR-D100 Reader	(4) M3-.5x12mm SHCS	C
Keyence SR-500 Reader	(3) M3-.5x12mm SHCS	D
Keyence SR-750 Reader	(4) M3-.5x10mm SHCS	E
Keyence SR-1000 Reader	(4) M4-.7x6mm SHCS	E
Keyence SR-2000 Reader	(4) M4-.7x6mm SHCS	E



TOTAL ASSEMBLED WEIGHT
0 lbs. 1.54 ozs.

MATERIAL:		REVISIONS	
PATENT PENDING		DESCRIPTION	
BREAK ALL SHARP CORNERS MARK DETAILS WITH PART No. UNLESS OTHERWISE SPECIFIED		PL-CB2	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED		SCALE: FULL	
2 PLACE DEC. ± .03		DRAWN: BIDDINGER DATE 3/31/17	
3 PLACE DEC. ± .005		SHEET SIZE D	
4 PLACE DEC. ± .0005		CHECKED _____ DATE _____	
ANGLES ± 1°		APPROVED _____ DATE _____	
		No. OF SHEETS _____ PART No. PL-CB2	
		SHEET No. _____	

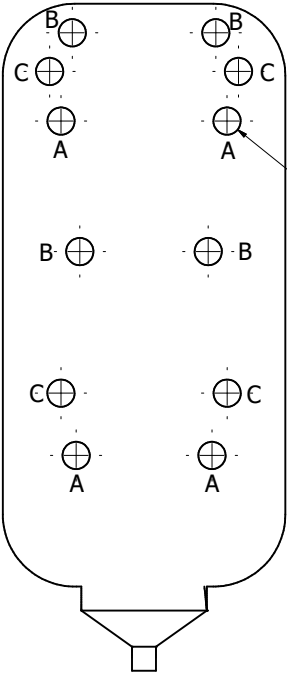
APPLICABLE PRODUCTS		
Product Name	Recommended Hardware (Included)	Bolt Pattern
Cognex 4G Checker Camera	(2) M4-.7 x 12mm Lg SHCS	A
Cognex DM50 Reader Cognex DM60 Reader	(2) M3-.5 x 10mm Lg SHCS	B
Cognex DM200 Reader	(2) M3-.5 x 10mm Lg SHCS	C
Cognex DM300 Reader	(4) M3-.5 x 12mm Lg SHCS	D
Cognex In-Sight 2000 (Right Angle Config.)	(2) M3-.5 x 6mm Lg SHCS	D
Cognex In-Sight 2000 (In-Line Config.)	(4) M3-.5 x 6mm Lg SHCS	G
Cognex Micro Series	(4) M3-.5 x 12mm Lg SHCS	E
Cognex Dataman 150/260 (In-Line Config)	(2) M3-.5 x 6mm Lg SHCS	D
Cognex Dataman 150/260 (Right Angle Config)	(4) M3-.5 x 6mm Lg SHCS	G



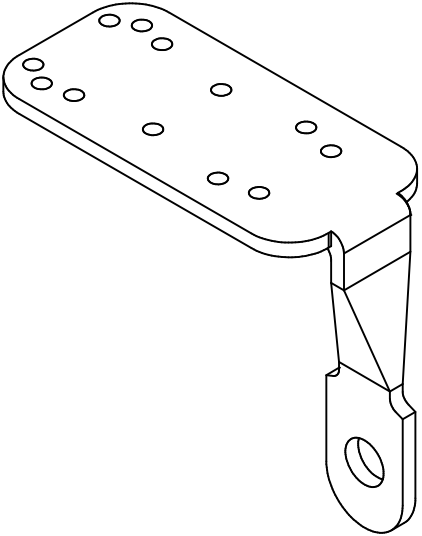
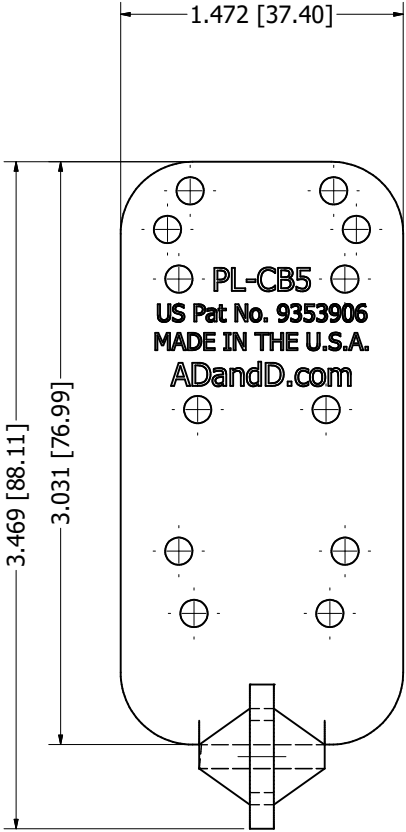
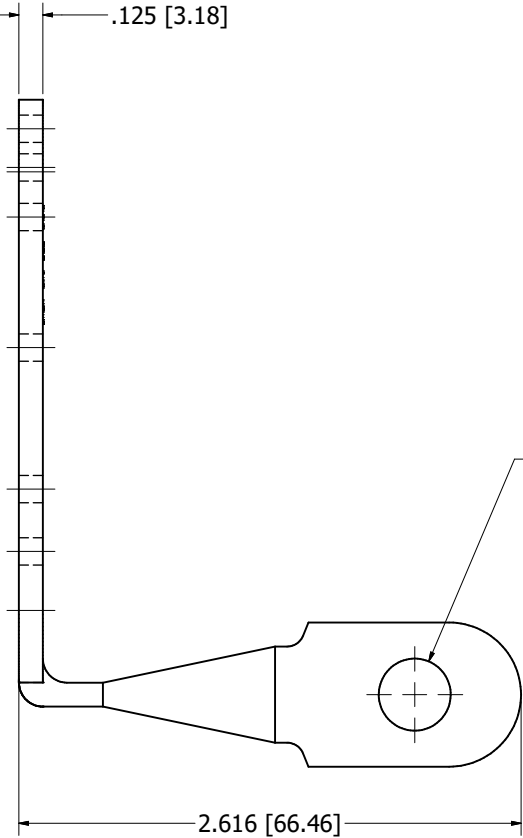
TOTAL ASSEMBLED WEIGHT
0 lbs. 1 ozs.

A	Added Mtg Pattern for Cognex Micro 1000	08/12/14	JS	DB
REV	DESCRIPTION	DATE	DWN	CHK
REVISIONS				
ADandD.com				
DESCRIPTION				
PL-CB3				
SCALE: FULL				
DRAWND.BIDDINGERDATE 3/31/17				
SHEET SIZE D				
CHECKED _____ DATE _____				
APPROVED _____ DATE _____				
No. OF SHEETS _____ PART No.				
SHEET No. PL-CB3				

APPLICABLE PRODUCTS		
Product Name	Recommended Hardware (Included)	Bolt Pattern
Cognex In-Sight 8402M/C Cognex In-Sight 8405	(4) 3MM X 6MM LG SHCS	A
Keyence CA-HX048C	(4) 3MM X 6MM LG SHCS	B
Keyence CA-HX200C/M Keyence CA-HX500C/M	(4) 3MM X 6MM LG SHCS	C



12X Ø.142 [Ø3.61]



TOTAL ASSEMBLED WEIGHT
0 lbs. 1.02 ozs.

MATERIAL:

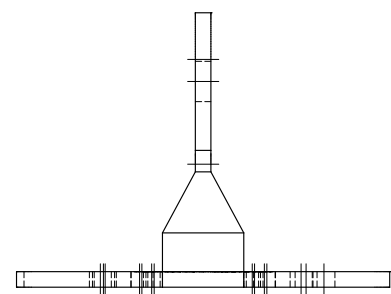
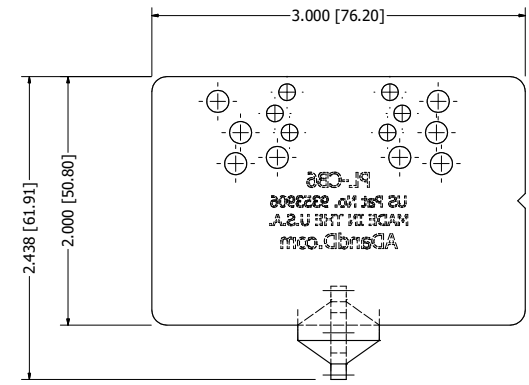
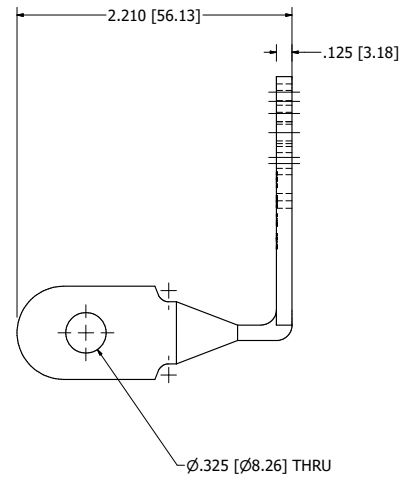
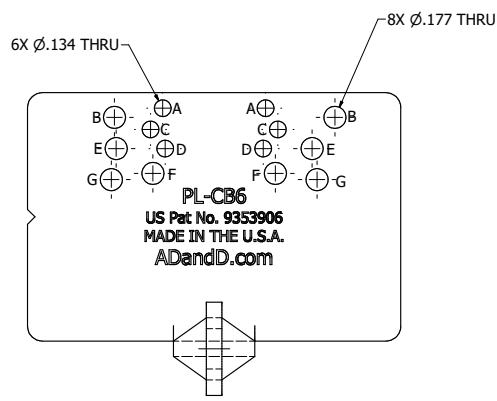
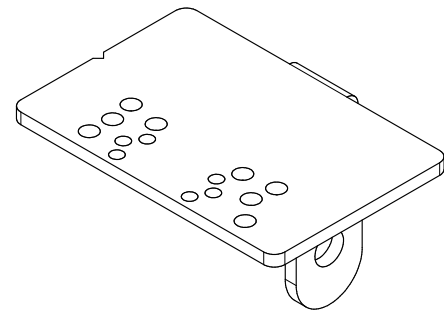
PATENT PENDING

BREAK ALL SHARP CORNERS
MARK DETAILS WITH PART No.
UNLESS OTHERWISE SPECIFIED

STANDARD TOLERANCE
UNLESS OTHERWISE SPECIFIED
2 PLACE DEC. ± .03
3 PLACE DEC. ± .005
4 PLACE DEC. ± .0005
ANGLES ± 1°

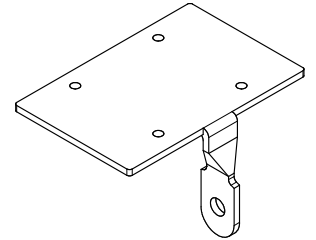
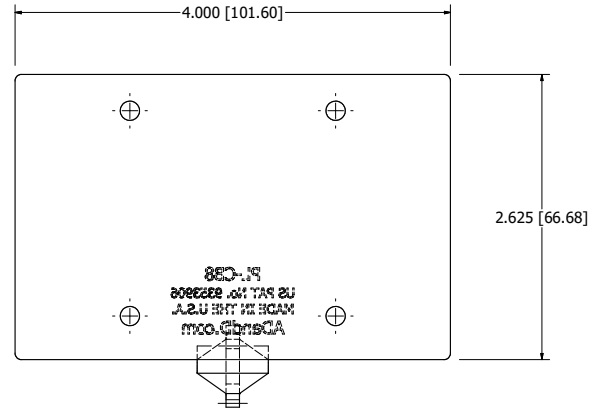
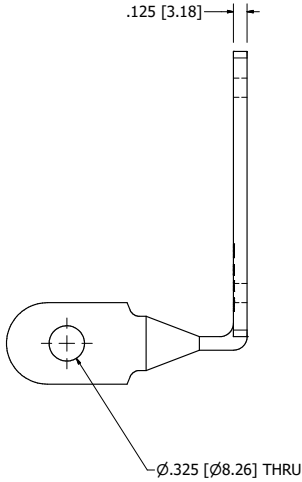
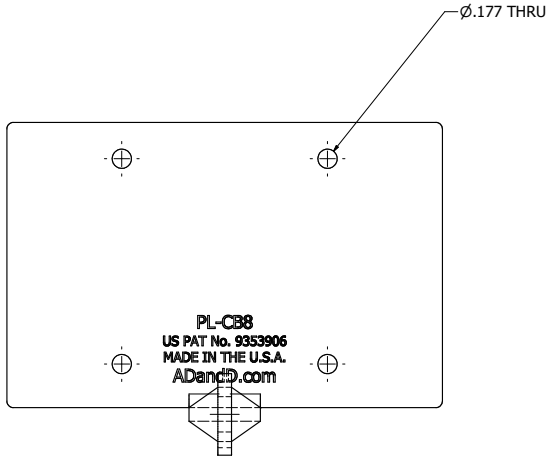
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REVISIONS				
ADandD.com				
DESCRIPTION				
PL-CB5				
SCALE: FULL DRAWND.BIDDINGERDATE 3/31/17				
SHEET SIZE D CHECKED _____ DATE _____				
No. OF SHEETS _____ PART No. PL-CB5				
SHEET No. _____				

APPLICABLE PRODUCTS		
Product Name	Recommended Hardware (Included)	Bolt Pattern
Basler Ace Classic	(2) M3-5 X 6mm Lg	D
Basler Ace L Series	(2) M3-5 X 6mm Lg	A
Basler Ace U Series	(2) M3-5 X 6mm Lg	D
Dalsa BOA Series	(2) M4-7 X 8mm Lg	F
Dalsa BOA Spot Series	(2) M4-7 X 8mm Lg	E
Dalsa BOA2 Series	(2) M4-7 X 8mm Lg	B
Dalsa Genie Series	(2) M3-5 X 6mm Lg	C
Dalsa Genie Nano Series	(2) M3-5 X 6mm Lg	C
Dalsa Genie TS Series	(2) M3-5 X 6mm Lg	C
Dalsa Linea Series	(2) M4-7 X 8mm Lg	G
Smart Vision Lights #LM-45	Smart Vision Supplied	F
Smart Vision Lights #LM-75	Smart Vision Supplied	G
Datalogic M1xx Series	(2) M3-5 X 6mm Lg	D

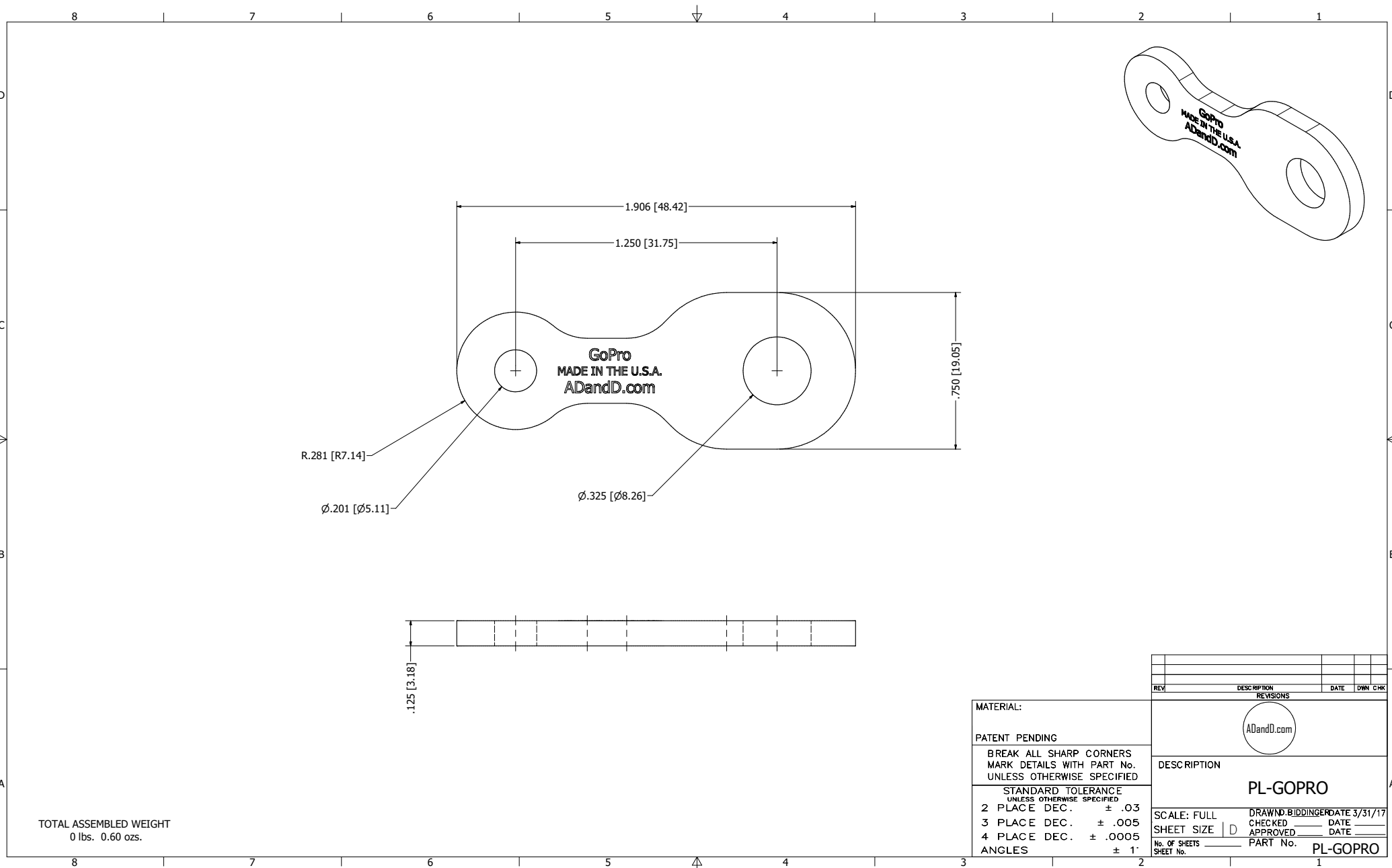


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STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED		REV		DESCRIPTION		DATE		OWN		CHK	
2 PLACE DEC. ± .03		REV		DESCRIPTION		DATE		OWN		CHK	
3 PLACE DEC. ± .005		REV		DESCRIPTION		DATE		OWN		CHK	
4 PLACE DEC. ± .0005		REV		DESCRIPTION		DATE		OWN		CHK	
ANGLES ± 1°		REV		DESCRIPTION		DATE		OWN		CHK	
SCALE: FULL		REV		DESCRIPTION		DATE		OWN		CHK	
SHEET SIZE 1 D		REV		DESCRIPTION		DATE		OWN		CHK	
No. OF SHEETS		REV		DESCRIPTION		DATE		OWN		CHK	
SHEET No.		REV		DESCRIPTION		DATE		OWN		CHK	
DRAWN: BIDDING		REV		DESCRIPTION		DATE		OWN		CHK	
CHECKED		REV		DESCRIPTION		DATE		OWN		CHK	
APPROVED		REV		DESCRIPTION		DATE		OWN		CHK	
PART No.		REV		DESCRIPTION		DATE		OWN		CHK	
PL-CB6		REV		DESCRIPTION		DATE		OWN		CHK	

APPLICABLE PRODUCTS		
Product Name	Recommended Hardware (Included)	
IDS Ensenso X Series Cameras	(4) 4MM X 6MM LG SHCS	



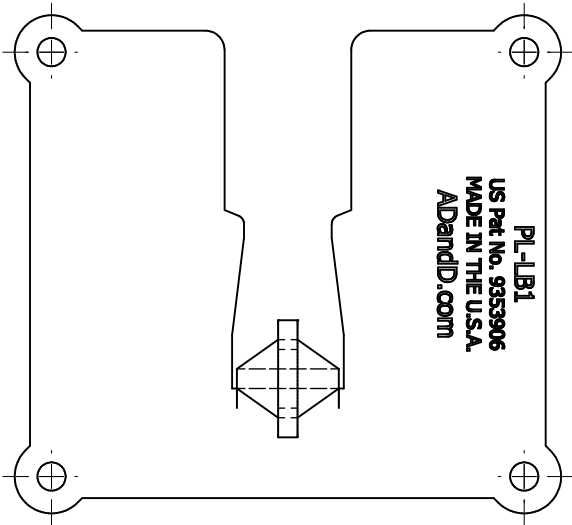
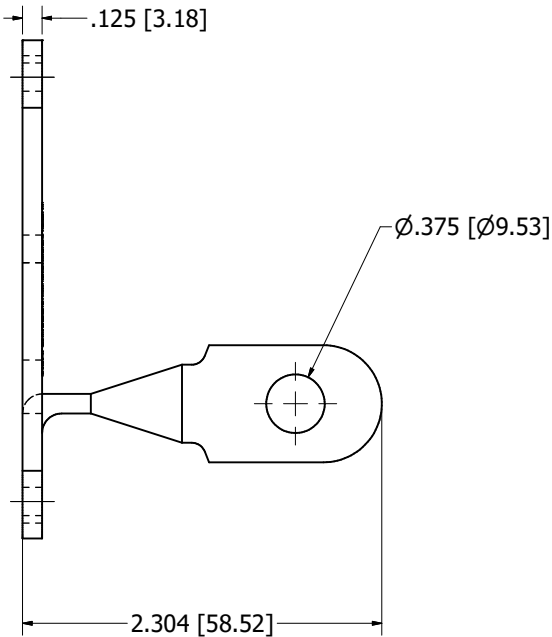
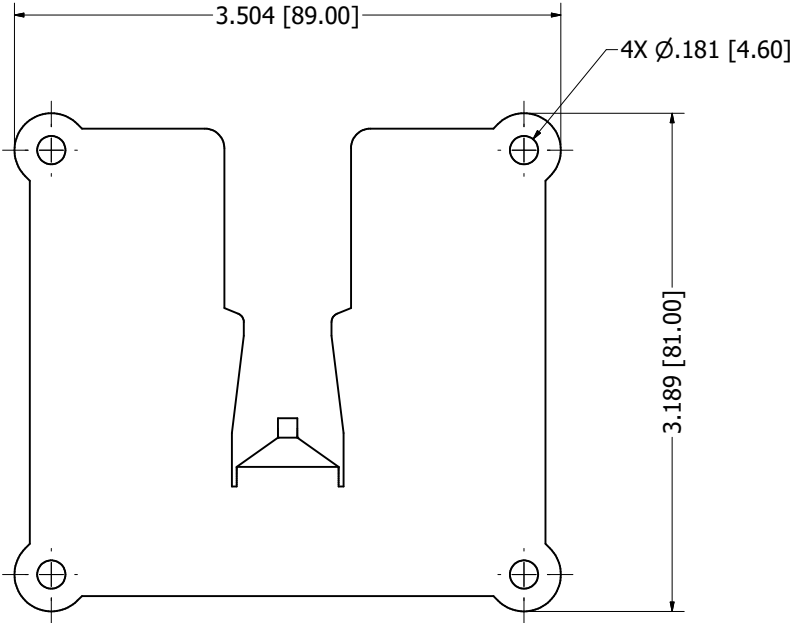
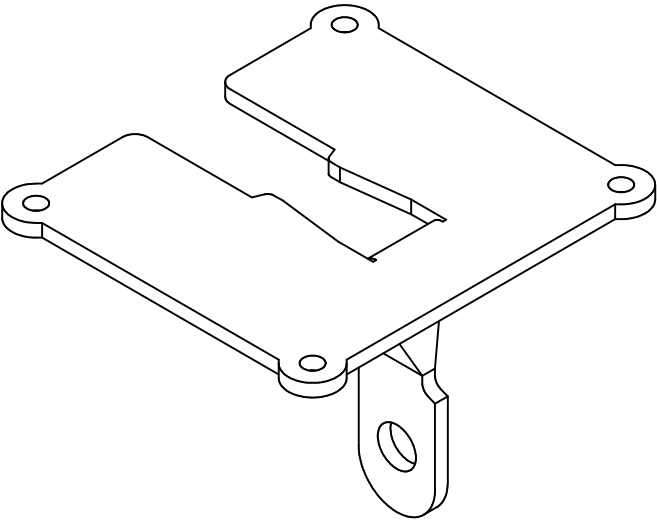
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2 PLACE DEC. $\pm .03$		3 PLACE DEC. $\pm .005$	
4 PLACE DEC. $\pm .0005$		ANGLES $\pm 1^\circ$	
SCALE: FULL		DRAWN: BIDDING DATE 3/31/17	
SHEET SIZE 1 D		CHECKED _____ DATE _____	
No. OF SHEETS _____		APPROVED _____ DATE _____	
SHEET No. _____		PART No. PL-CB8	



TOTAL ASSEMBLED WEIGHT
0 lbs. 0.60 ozs.

MATERIAL:		REVISIONS	
PATENT PENDING		DESCRIPTION	
BREAK ALL SHARP CORNERS MARK DETAILS WITH PART No. UNLESS OTHERWISE SPECIFIED		PL-GOPRO	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED		SCALE: FULL	
2 PLACE DEC. ± .03		DRAWN: BIDDINGER DATE 3/31/17	
3 PLACE DEC. ± .005		SHEET SIZE 1 D	
4 PLACE DEC. ± .0005		CHECKED _____ DATE _____	
ANGLES ± 1°		APPROVED _____ DATE _____	
		No. OF SHEETS _____ PART No. PL-GOPRO	
		SHEET No. _____	

APPLICABLE PRODUCTS		
Product Name	Recommended Hardware (Included)	
Smart Vision Lights S75 Brick	(4) M4-.7x20mm SHCS / (4) M4 Flat Washers / (4) M4-.7 Jam Nuts	



TOTAL ASSEMBLED WEIGHT
0 lbs. 1.79 ozs.

MATERIAL:

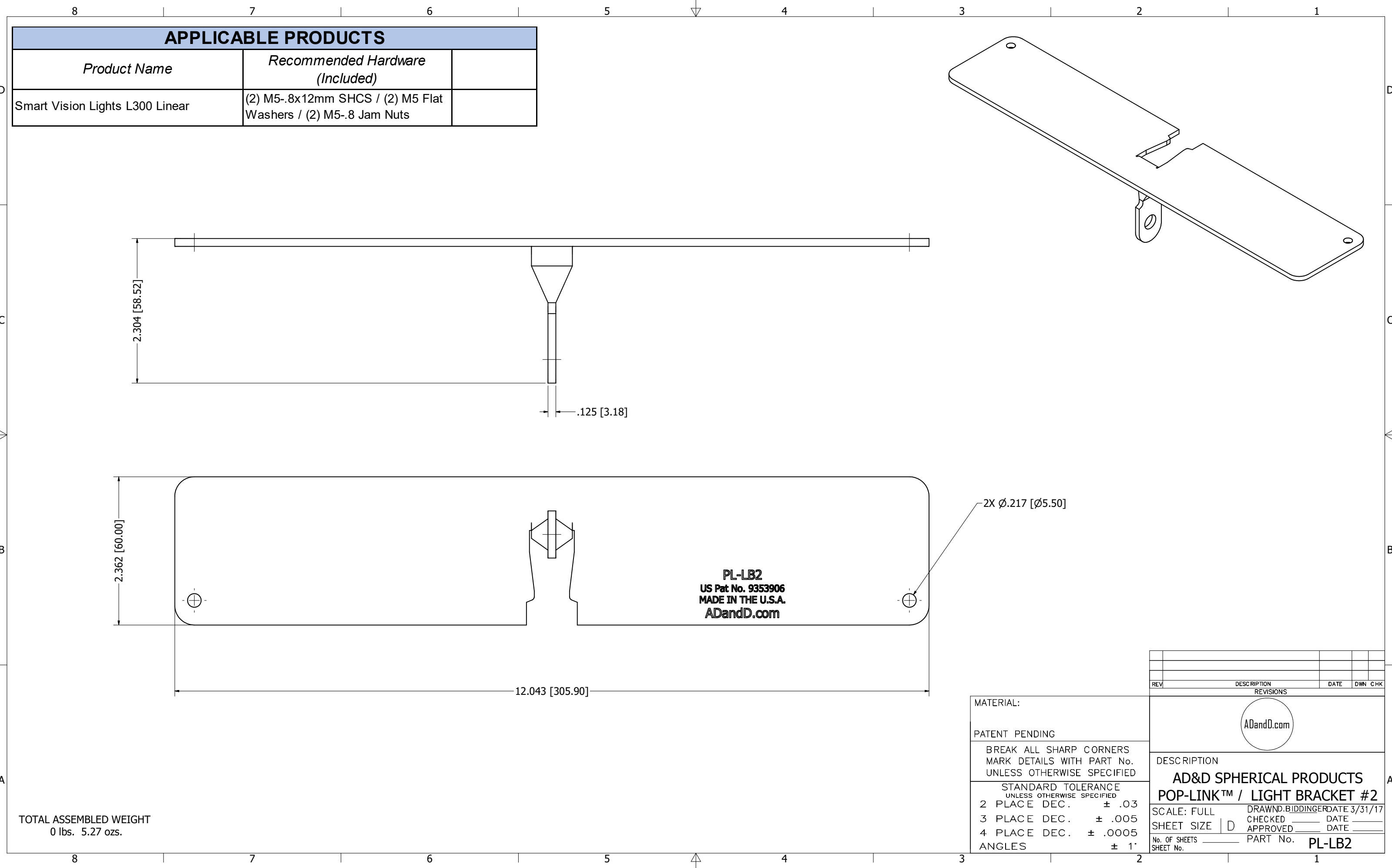
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MARK DETAILS WITH PART No.
UNLESS OTHERWISE SPECIFIED

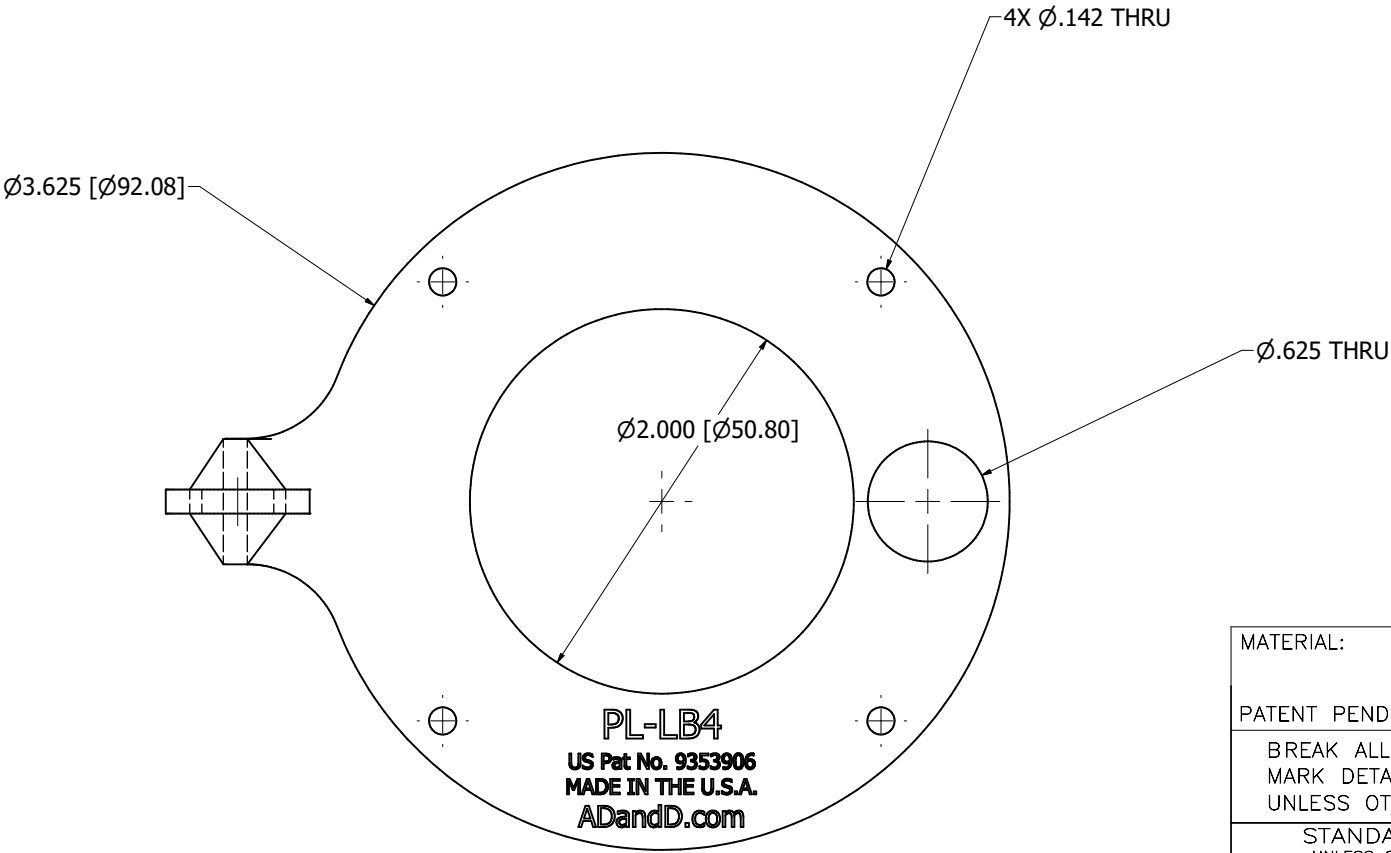
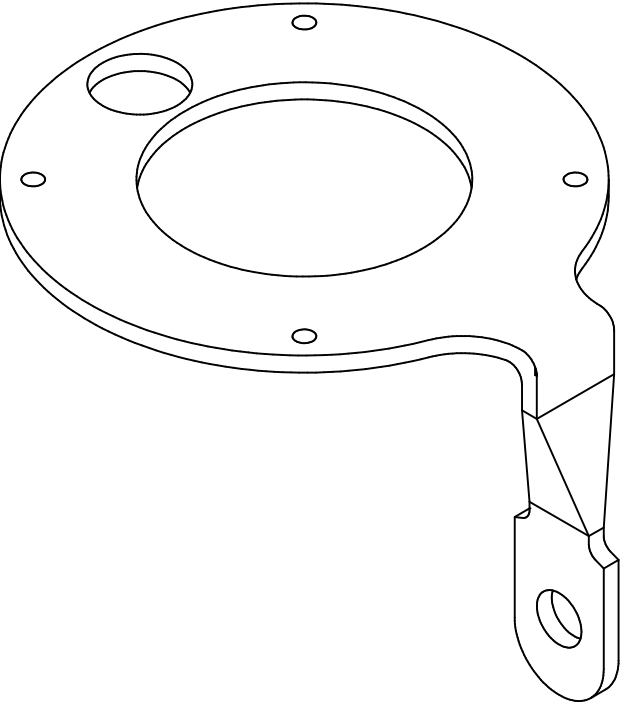
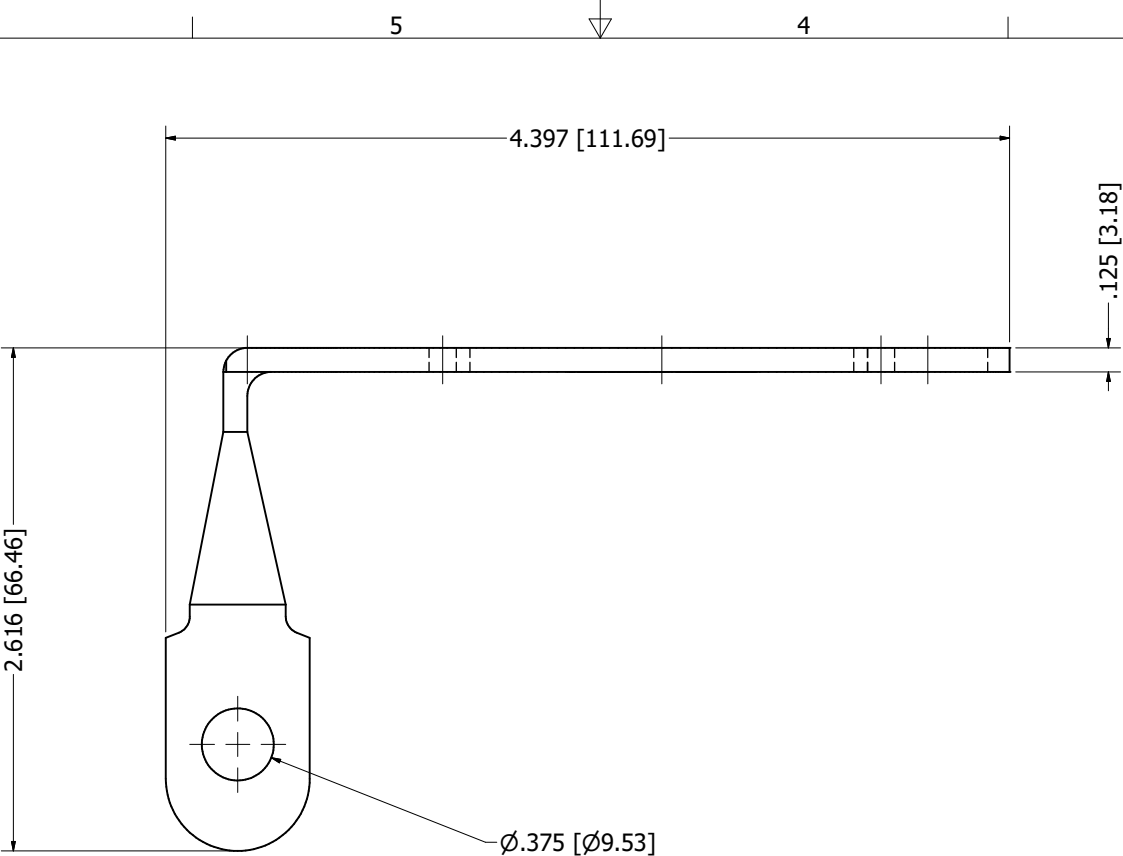
STANDARD TOLERANCE
UNLESS OTHERWISE SPECIFIED

2 PLACE DEC. ± .03
3 PLACE DEC. ± .005
4 PLACE DEC. ± .0005
ANGLES ± 1°

REV	DESCRIPTION	DATE	DWN	CHK
REVISIONS				
ADandD.com				
DESCRIPTION				
AD&D SPHERICAL PRODUCTS POP-LINK™ / LIGHT BRACKET #1				
SCALE: FULL		DRAWN: BIDDINGER DATE 3/31/17		
SHEET SIZE D		CHECKED: DATE: APPROVED: DATE:		
No. OF SHEETS		PART No. PL-LB1		
SHEET No.				



APPLICABLE PRODUCTS		
Product Name	Recommended Hardware (Included)	
Keyence CA-DRW5X	(4) 3MM X 6MM LG SHCS	

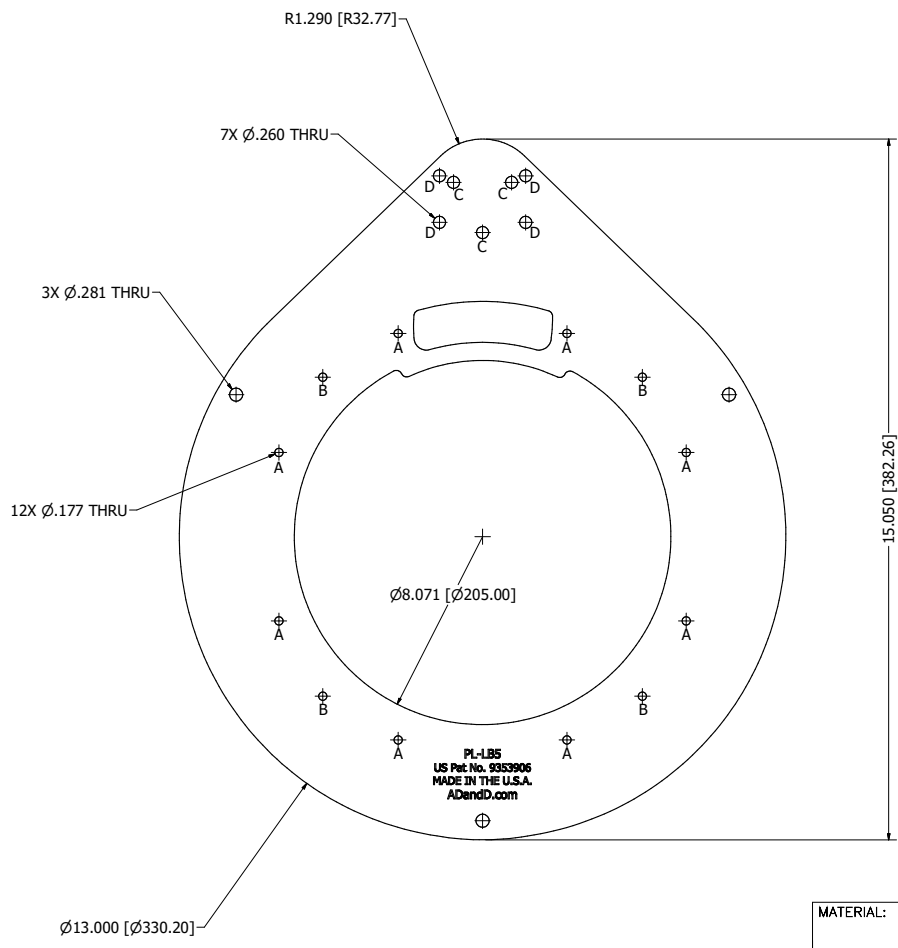
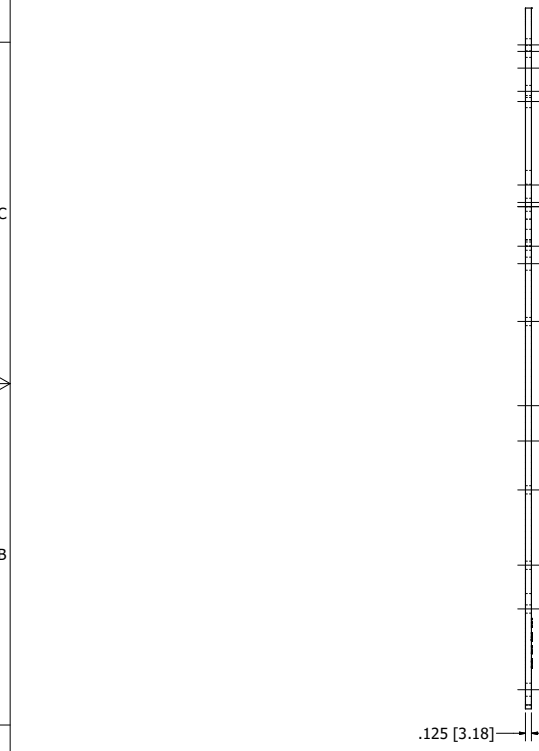


TOTAL ASSEMBLED WEIGHT
0 lbs. 1.54 ozs.

MATERIAL:	
PATENT PENDING	
BREAK ALL SHARP CORNERS MARK DETAILS WITH PART No. UNLESS OTHERWISE SPECIFIED	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	
2 PLACE DEC.	± .03
3 PLACE DEC.	± .005
4 PLACE DEC.	± .0005
ANGLES	± 1°

REV	DESCRIPTION	DATE	DWN	CHK
REVISIONS				
ADandD.com				
DESCRIPTION				
AD&D SPHERICAL PRODUCTS POP-LINK™/ LIGHT BRACKET 4				
SCALE: FULL		DRAWN D. BIDDINGER DATE 3/31/17		
SHEET SIZE D		CHECKED _____ DATE _____		
No. of SHEETS _____		APPROVED _____ DATE _____		
SHEET No. _____		PART No. PL-LB4		

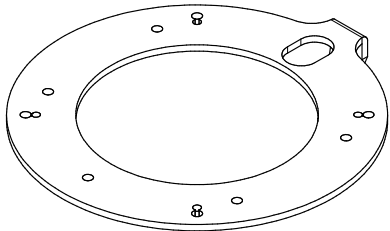
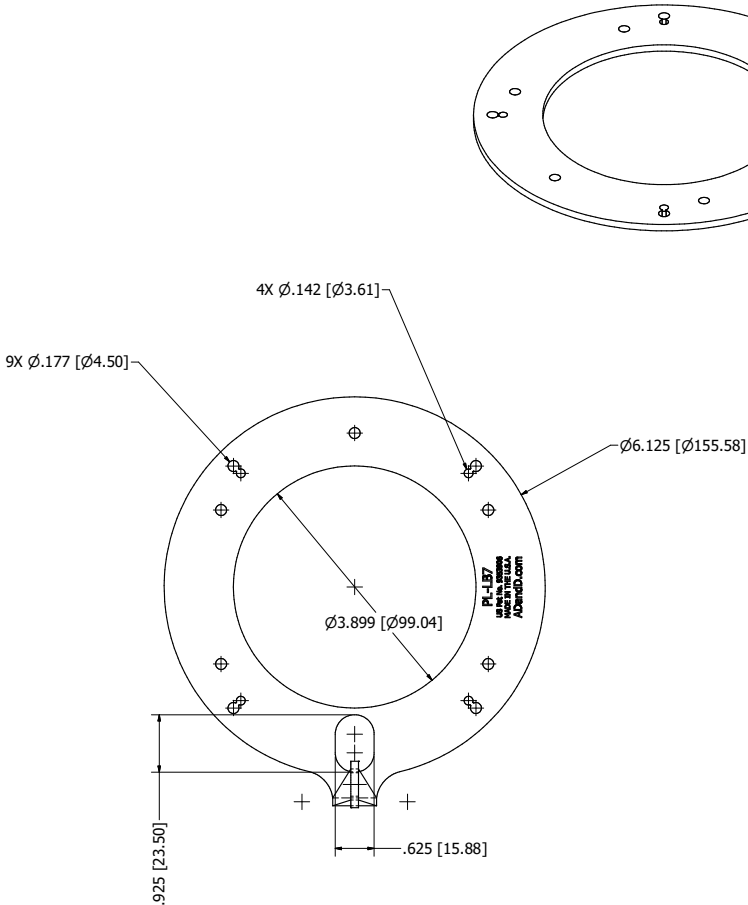
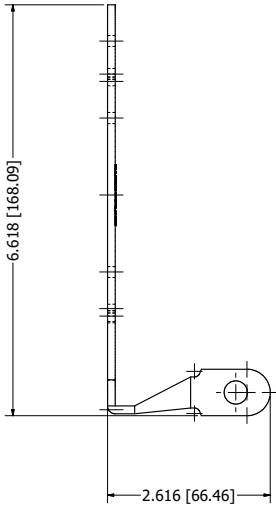
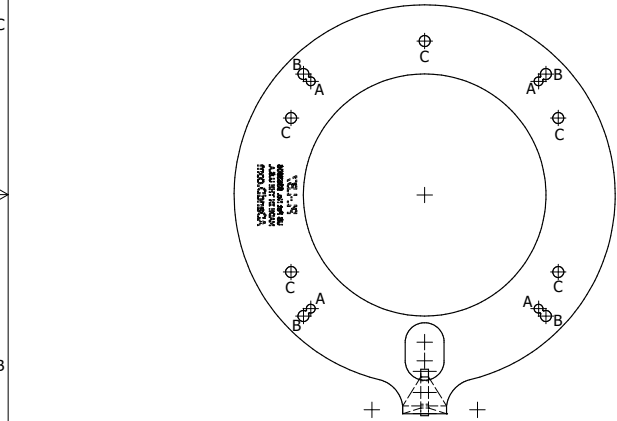
APPLICABLE PRODUCTS		
Product Name	Recommended Hardware (Included)	Bolt Pattern
Keyence CA-DRM20X	(8) M4- 7x8mm SHCS	A
Keyence CA-DRW20X	(4) M4- 7x8mm SHCS	B
ADandD PL-BallBase	**Fastners Not Included**	C
ADandD HDPL-BallBase	**Fastners Not Included**	D



TOTAL ASSEMBLED WEIGHT
2.94 lbs.

MATERIAL: PATENT PENDING BREAK ALL SHARP CORNERS MARK DETAILS WITH PART No. UNLESS OTHERWISE SPECIFIED STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED 2 PLACE DEC. ± .03 3 PLACE DEC. ± .005 4 PLACE DEC. ± .0005 ANGLES ± 1'	ADandD.com DESCRIPTION PL-LB5	SCALE: FULL	DRAWN: BIDDING	DATE 3/31/17
		SHEET SIZE 1 D	CHECKED	DATE
		No. OF SHEETS	APPROVED	DATE
		SHEET No.	PART No.	PL-LB5

APPLICABLE PRODUCTS		
Product Name	Recommended Hardware (Included)	Bolt Pattern
Keyence CA-DRW10X	(4) 3MM X 6MM LG SHCS	A
Keyence CA-DRM10X	(4) 4MM X 6MM LG SHCS	B
Smart Vision Lights #R130	(5) 4MM X 6MM LG SHCS	C



MATERIAL:

PATENT PENDING

BREAK ALL SHARP CORNERS
MARK DETAILS WITH PART No.
UNLESS OTHERWISE SPECIFIED

STANDARD TOLERANCE
UNLESS OTHERWISE SPECIFIED

2 PLACE DEC. ± .03
3 PLACE DEC. ± .005
4 PLACE DEC. ± .0005
ANGLES ± 1°

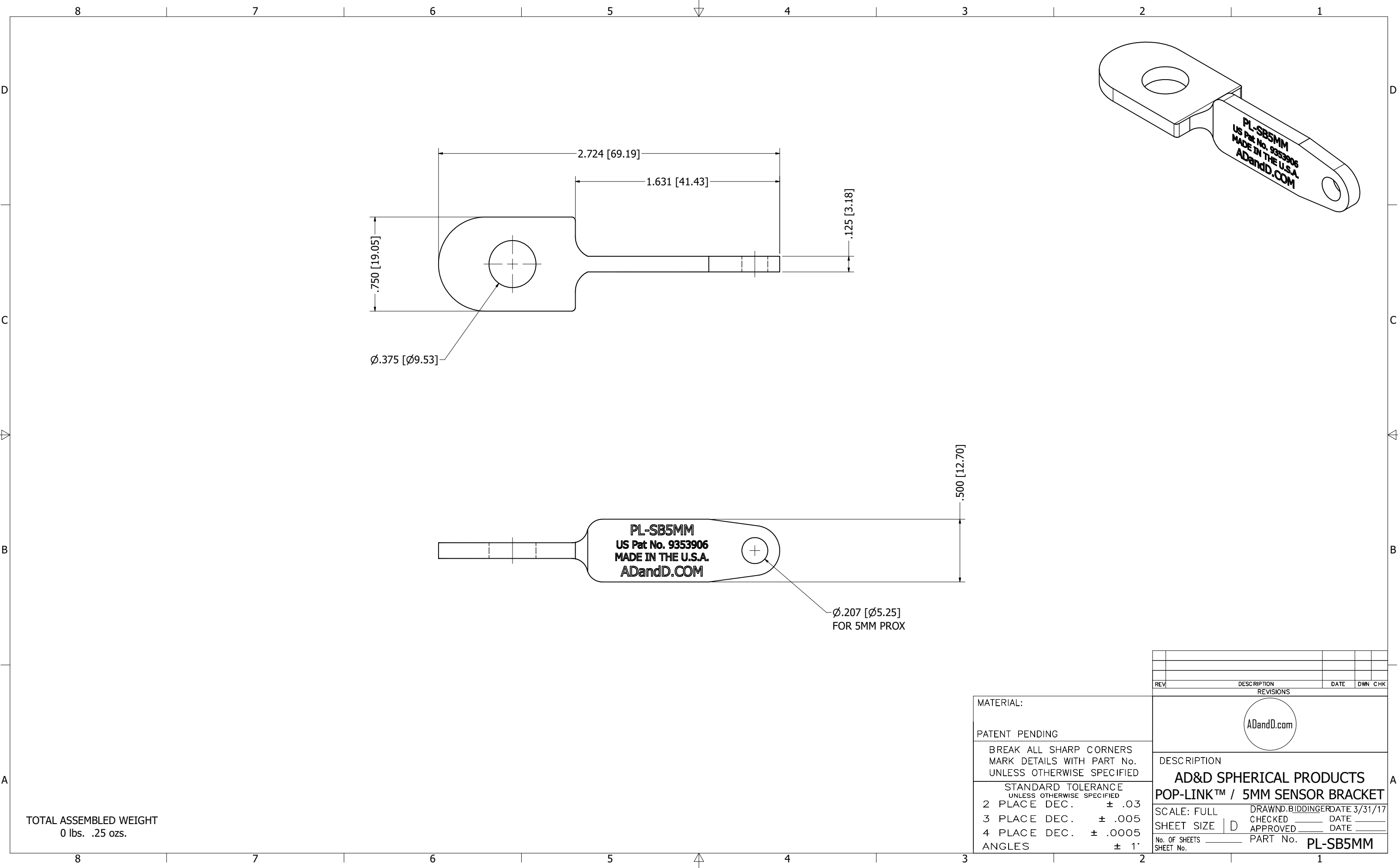
REV	DESCRIPTION	DATE	OWN	CHK
REVISIONS				

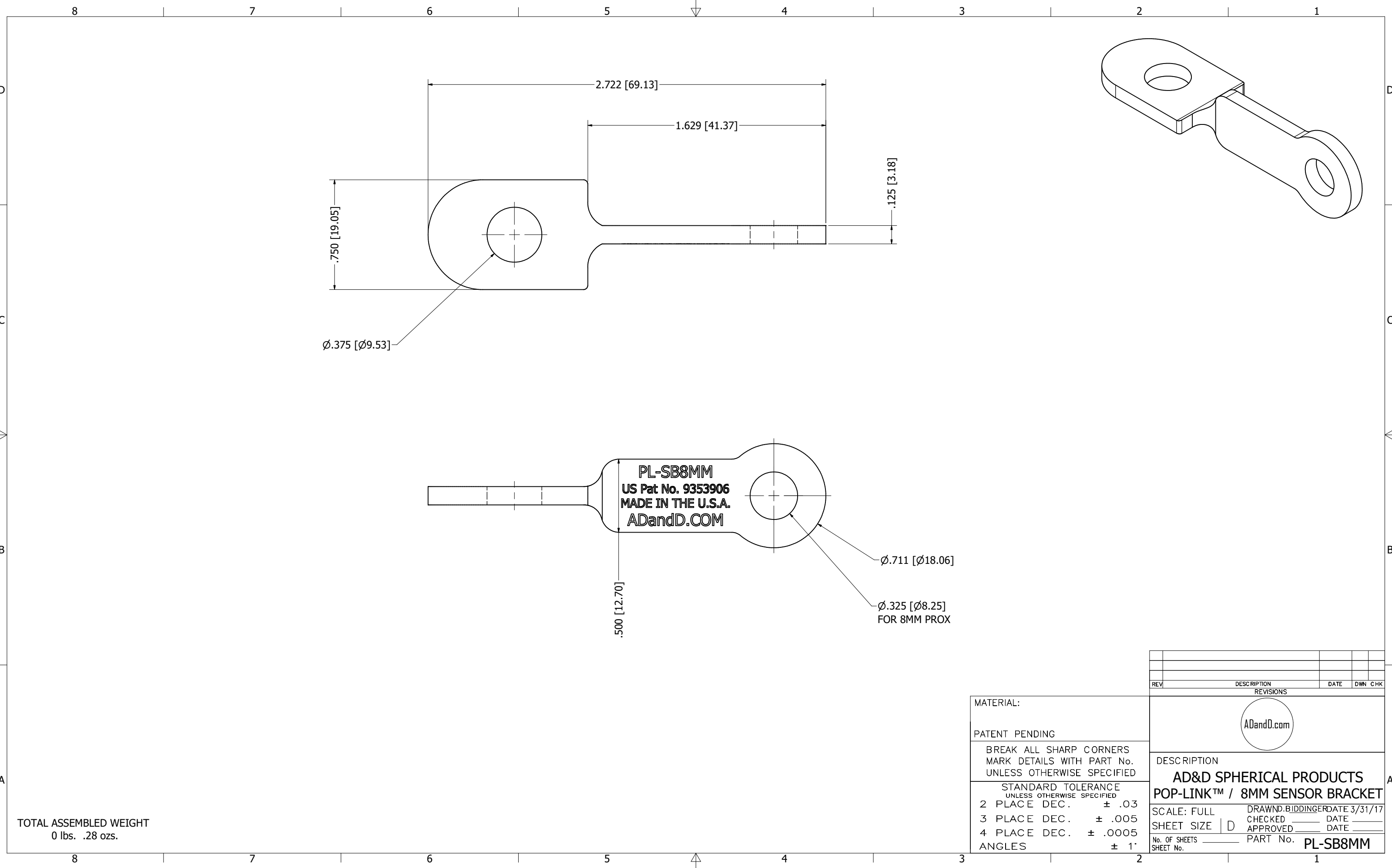


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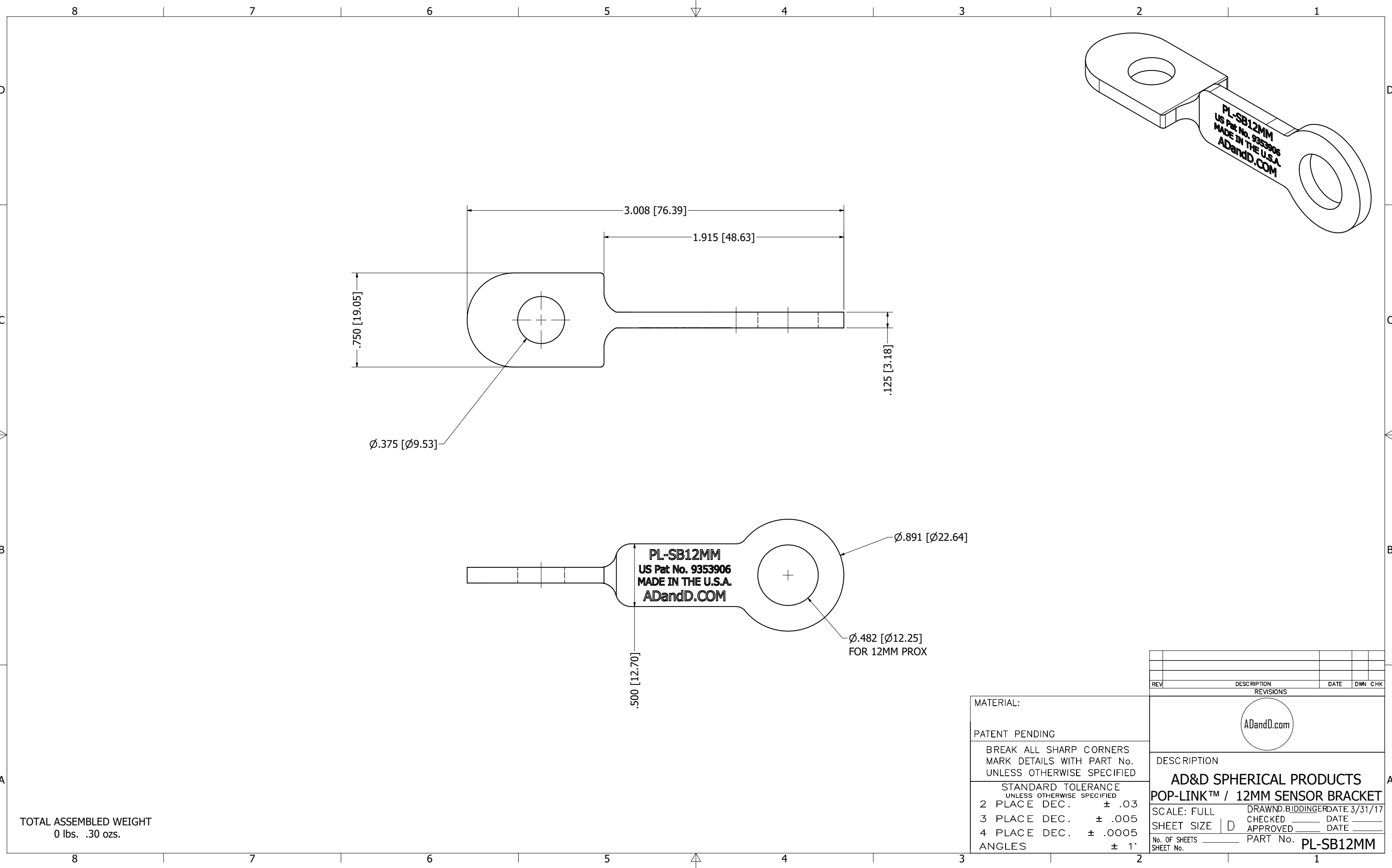
PL-LB7

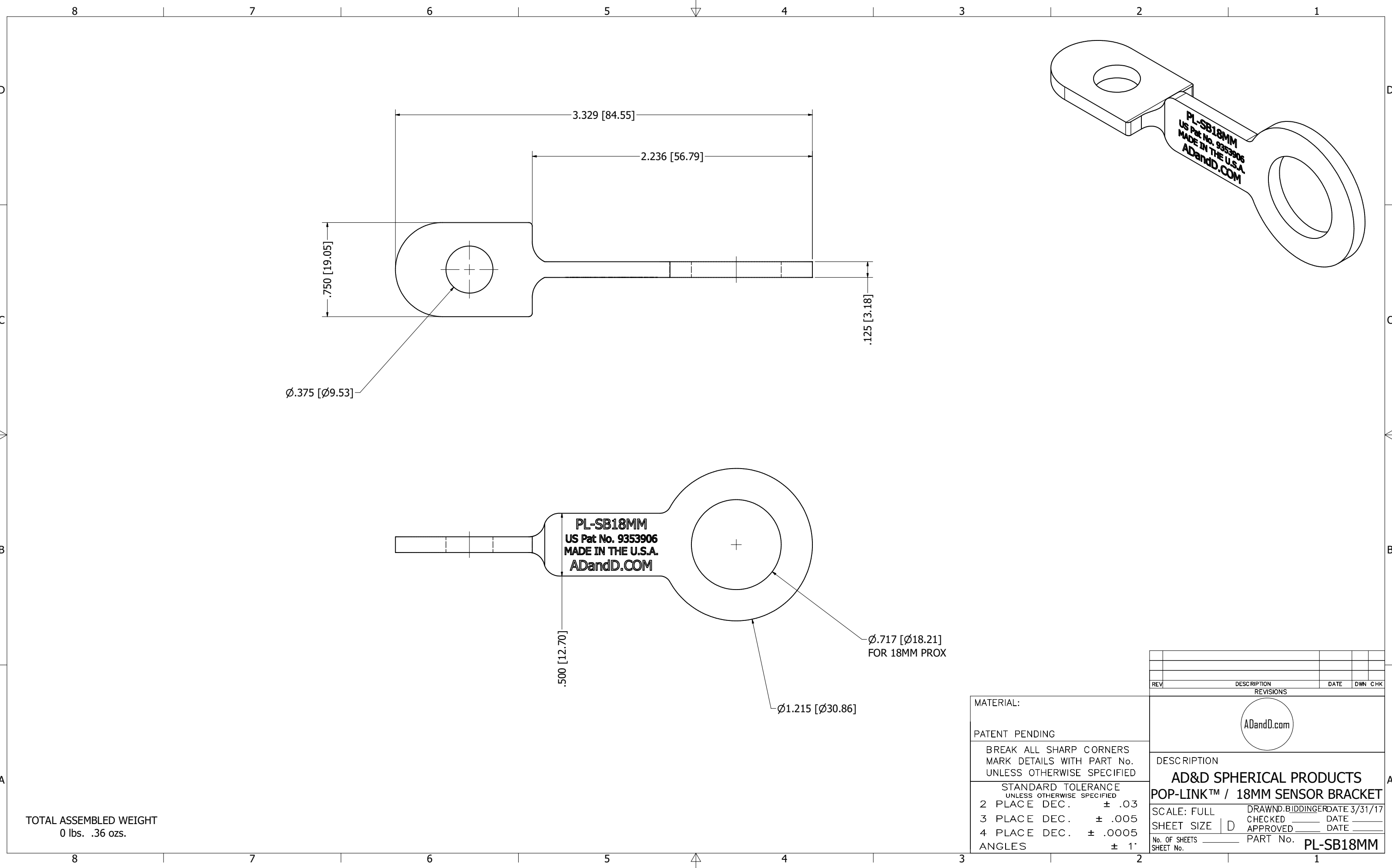
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No. OF SHEETS: _____	APPROVED: _____	DATE: _____
SHEET No. _____	PART No. _____	PL-LB7



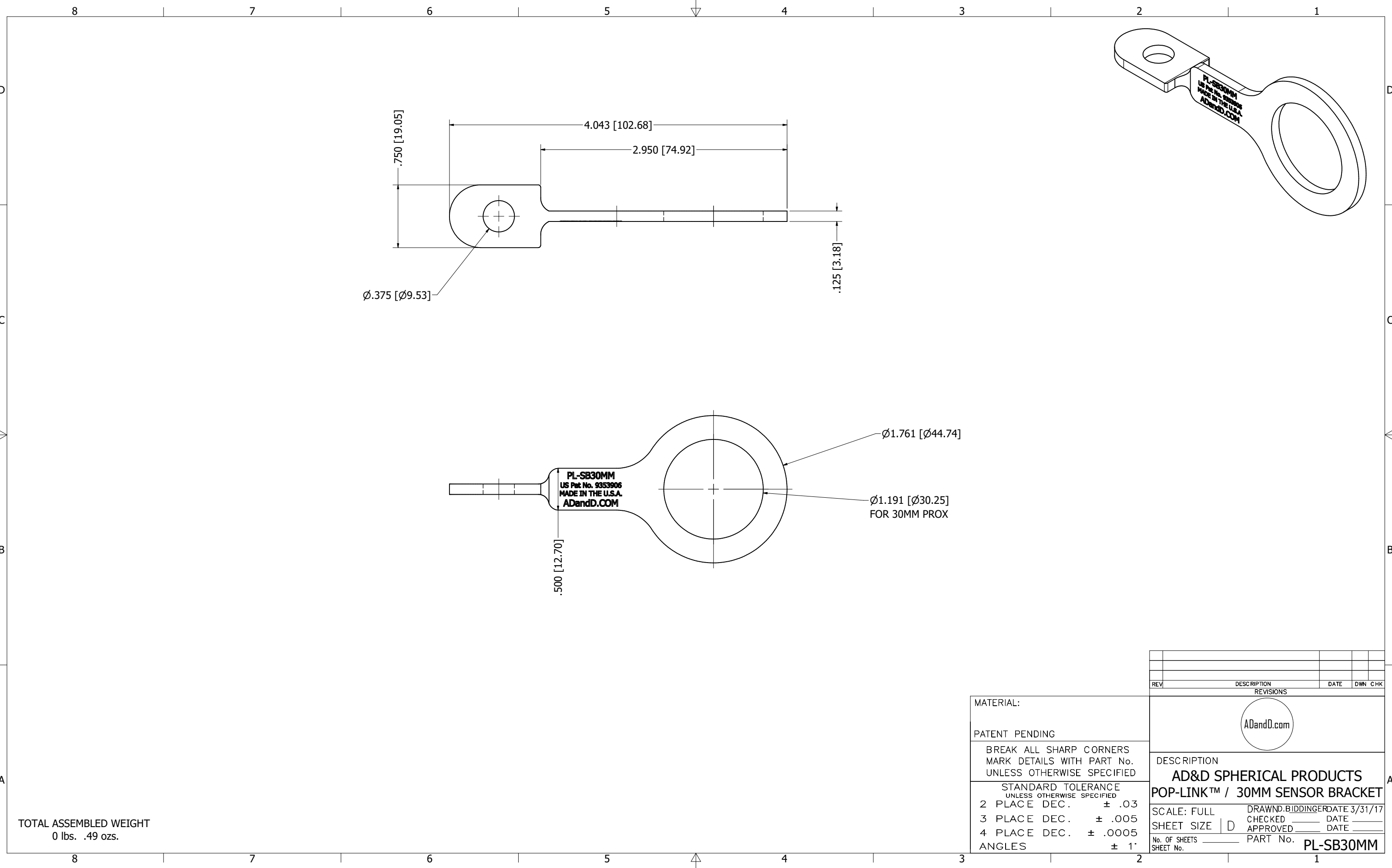


MATERIAL:		ADandD.com	
PATENT PENDING			
BREAK ALL SHARP CORNERS MARK DETAILS WITH PART No. UNLESS OTHERWISE SPECIFIED		DESCRIPTION	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED		AD&D SPHERICAL PRODUCTS POP-LINK™ / 8MM SENSOR BRACKET	
2 PLACE DEC. ± .03		SCALE: FULL	
3 PLACE DEC. ± .005		DRAWN: BIDDINGER DATE 3/31/17	
4 PLACE DEC. ± .0005		CHECKED _____ DATE _____	
ANGLES ± 1°		SHEET SIZE D	
		APPROVED _____ DATE _____	
		No. OF SHEETS _____ PART No. PL-SB8MM	
		SHEET No. _____	





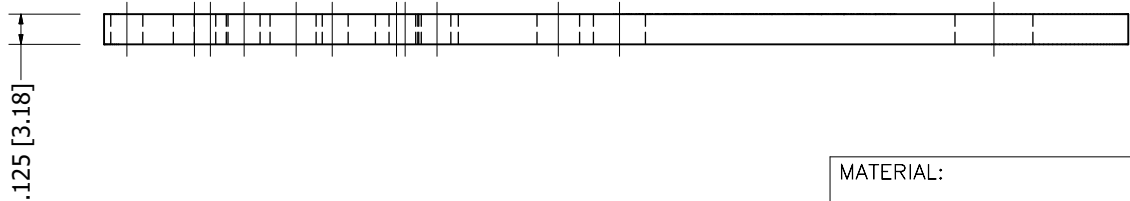
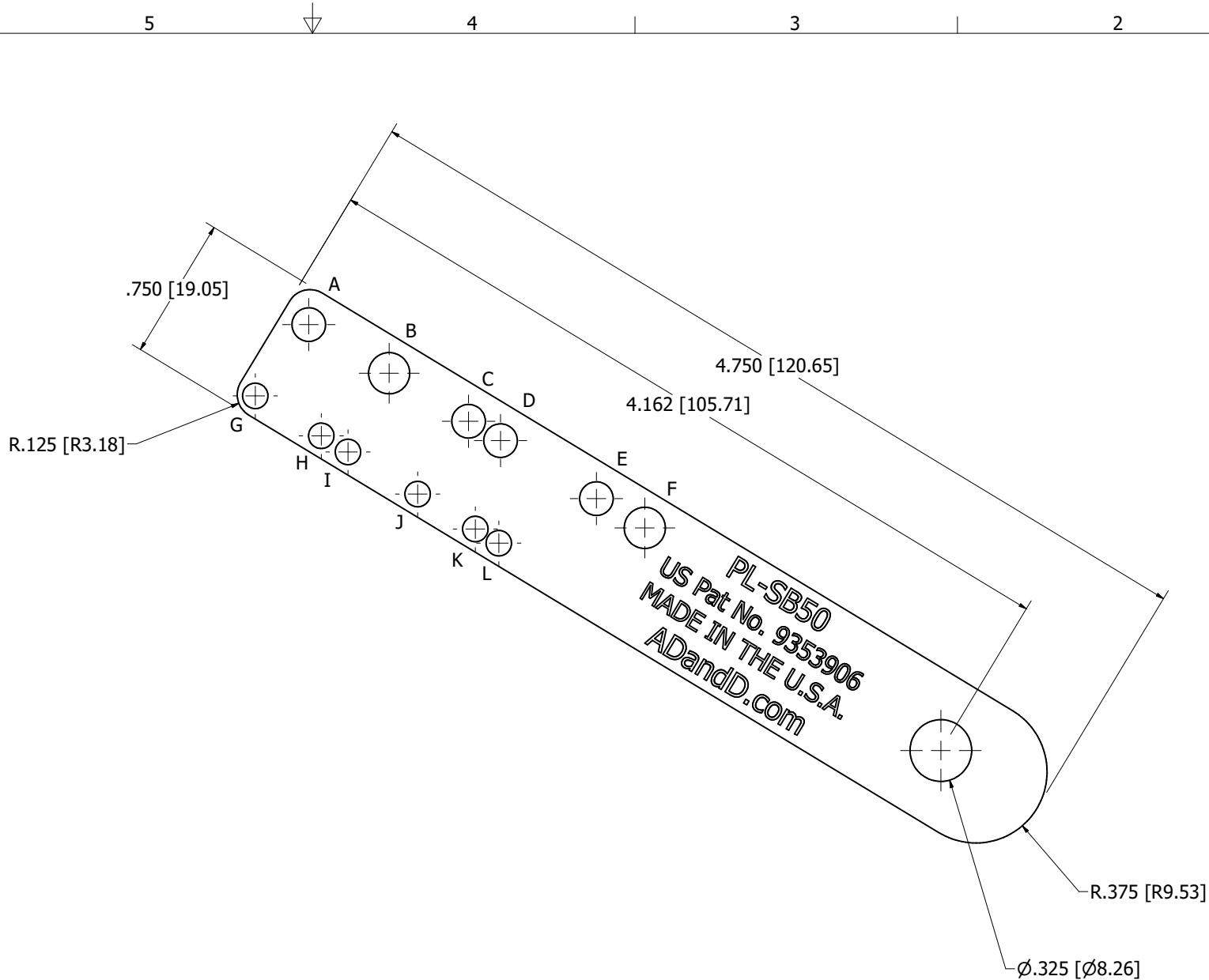
MATERIAL:		REVISIONS	
PATENT PENDING		ADandD.com	
BREAK ALL SHARP CORNERS MARK DETAILS WITH PART No. UNLESS OTHERWISE SPECIFIED		DESCRIPTION	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED		AD&D SPHERICAL PRODUCTS	
2 PLACE DEC. $\pm .03$		POP-LINK™ / 18MM SENSOR BRACKET	
3 PLACE DEC. $\pm .005$		SCALE: FULL	
4 PLACE DEC. $\pm .0005$		SHEET SIZE D	
ANGLES $\pm 1^\circ$		DRAWN: BIDDINGER DATE 3/31/17	
		CHECKED _____ DATE _____	
		APPROVED _____ DATE _____	
		No. OF SHEETS _____ PART No. PL-SB18MM	
		SHEET No. _____	



TOTAL ASSEMBLED WEIGHT
0 lbs. .49 ozs.

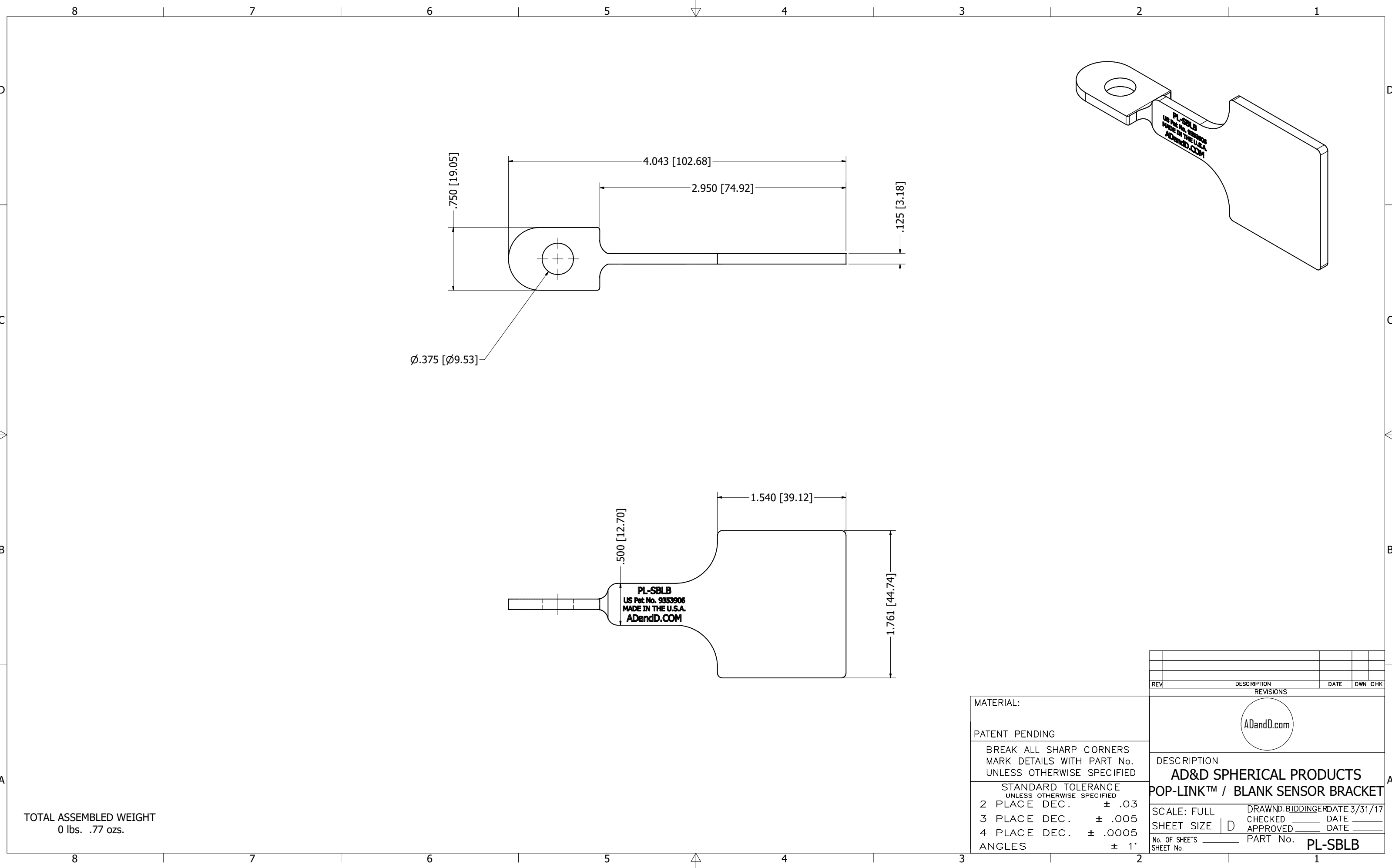
MATERIAL:		REVISIONS	
PATENT PENDING		ADandD.com	
BREAK ALL SHARP CORNERS MARK DETAILS WITH PART No. UNLESS OTHERWISE SPECIFIED		DESCRIPTION	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED		AD&D SPHERICAL PRODUCTS	
2 PLACE DEC. $\pm .03$		POP-LINK™ / 30MM SENSOR BRACKET	
3 PLACE DEC. $\pm .005$		SCALE: FULL	DRAWN: BIDDINGER DATE 3/31/17
4 PLACE DEC. $\pm .0005$		SHEET SIZE D	CHECKED _____ DATE _____
ANGLES $\pm 1^\circ$		No. OF SHEETS _____	APPROVED _____ DATE _____
		SHEET No. _____	PART No. PL-SB30MM

APPLICABLE PRODUCTS		
Product Name	Mounting Pattern	Clearance for
IFM-OGP280 IFM-OGP281	H,K	Ø3MM
IFM-O1D300	A,D	Ø4MM
IFM-O213xx	A,E	Ø4MM
IFM-O2D2xx	A,E	Ø4MM
IFM-O2V1xx	A,E	Ø4MM
IFM-O3D3xx	B,F	Ø5MM
IFM-O5D100	A,C	Ø4MM
IFM-O6P202	G,J	Ø3MM
IFM-O8H216	G,I	Ø3MM
Keyence #LR-Z (Any Model with 25.4mm Hole Spread)	G,J	Ø3MM
Keyence #LR-Z (Any Model with 24.1mm Hole Spread)	H,K	Ø3MM
Banner Q4X Series	G,J or H,K	Ø3MM
Keyence Spot Illumination C-mount Lens Adapter OP-87896	J,K	Ø3MM
Keyence IV-HG Series	G,L	Ø3MM



MATERIAL:	
PATENT PENDING	
BREAK ALL SHARP CORNERS MARK DETAILS WITH PART No. UNLESS OTHERWISE SPECIFIED	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	
2 PLACE DEC.	± .03
3 PLACE DEC.	± .005
4 PLACE DEC.	± .0005
ANGLES	± 1°

REV	DESCRIPTION	DATE	DWN	CHK
REVISIONS				
ADandD.com				
DESCRIPTION				
PL-SB50				
SCALE: FULL				
DRAWN: BIDDINGER DATE 3/31/17				
SHEET SIZE D				
CHECKED: DATE				
APPROVED: DATE				
No. OF SHEETS SHEET No.				
PART No. PL-SB50				



TOTAL ASSEMBLED WEIGHT
0 lbs. .77 ozs.

MATERIAL:

PATENT PENDING

BREAK ALL SHARP CORNERS
MARK DETAILS WITH PART No.
UNLESS OTHERWISE SPECIFIED

STANDARD TOLERANCE
UNLESS OTHERWISE SPECIFIED

2 PLACE DEC. ± .03

3 PLACE DEC. ± .005

4 PLACE DEC. ± .0005

ANGLES ± 1°

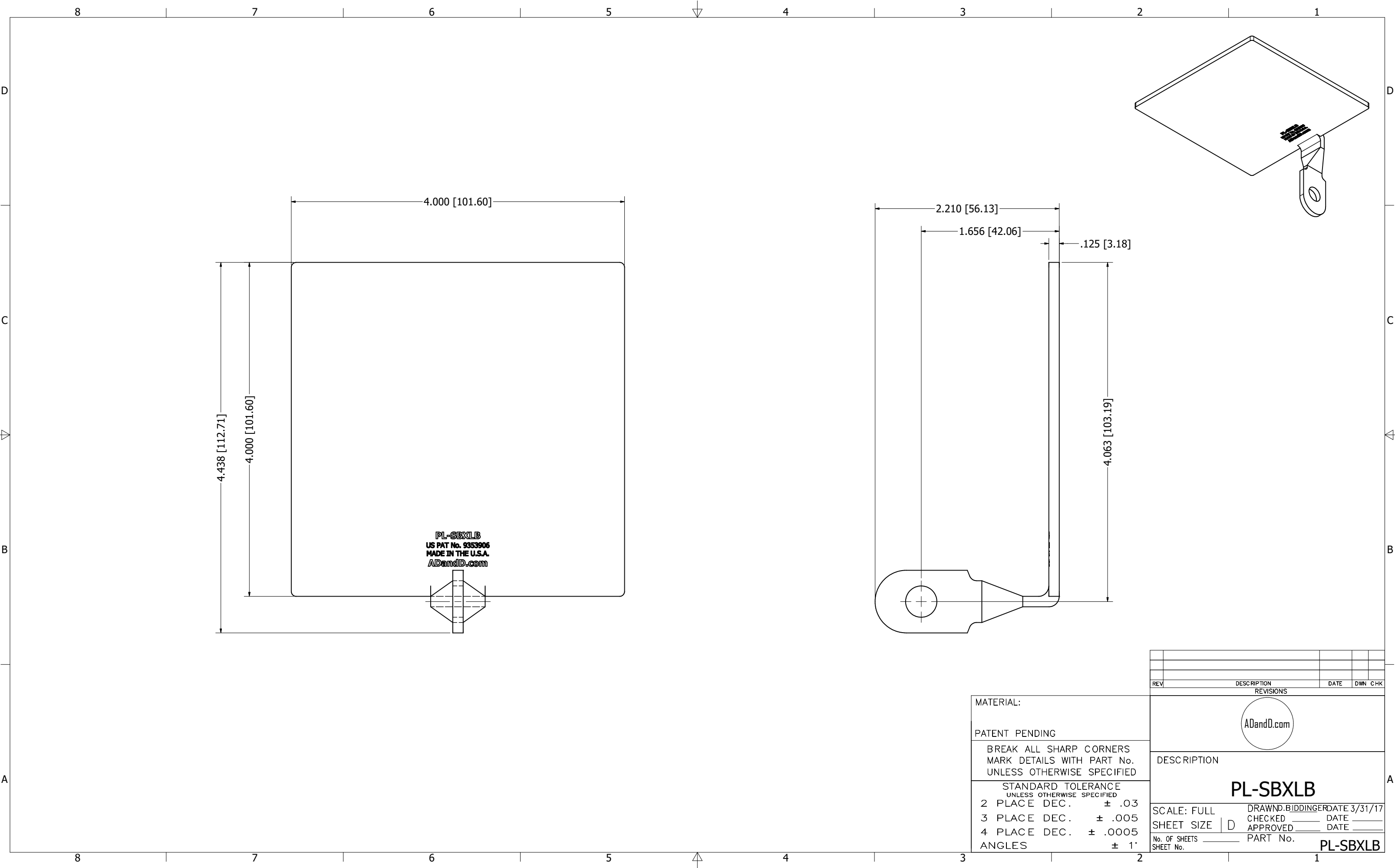
ADandD.com

DESCRIPTION
AD&D SPHERICAL PRODUCTS
POP-LINK™ / BLANK SENSOR BRACKET

SCALE: FULL
SHEET SIZE | D
No. OF SHEETS
SHEET No.

DRAWN: BIDDINGER
CHECKED: _____
APPROVED: _____
PART No.

DATE 3/31/17
DATE _____
DATE _____
PL-SBLB



MATERIAL:

PATENT PENDING

BREAK ALL SHARP CORNERS
MARK DETAILS WITH PART No.
UNLESS OTHERWISE SPECIFIED

STANDARD TOLERANCE
UNLESS OTHERWISE SPECIFIED

2 PLACE DEC. ± .03
3 PLACE DEC. ± .005
4 PLACE DEC. ± .0005
ANGLES ± 1°

REV	DESCRIPTION	DATE	DWN	CHK
REVISIONS				
ADandD.com				
DESCRIPTION				
PL-SBXLB				
SCALE: FULL		DRAWN: BIDDINGER DATE 3/31/17		
SHEET SIZE D		CHECKED: DATE: APPROVED: DATE:		
No. OF SHEETS SHEET No.		PART No. PL-SBXLB		