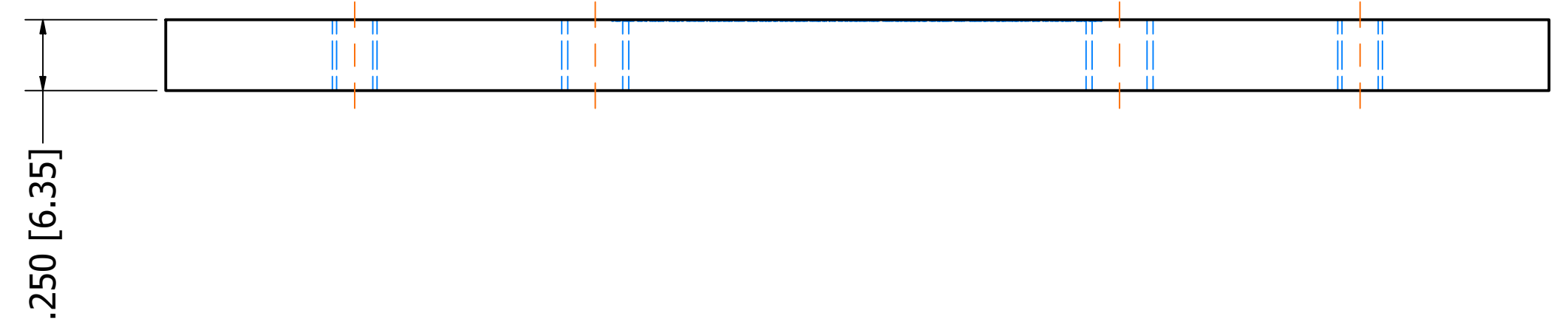
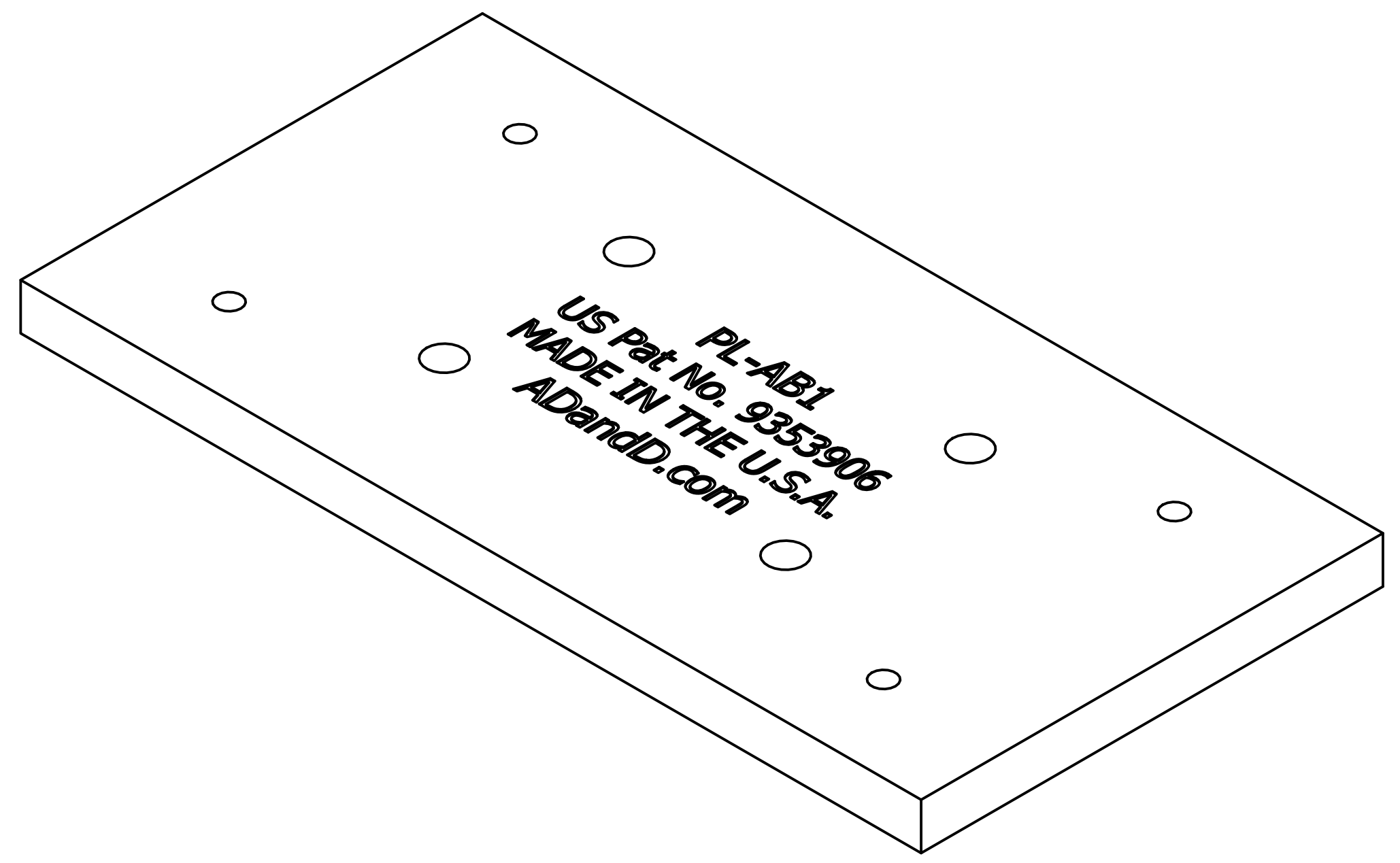
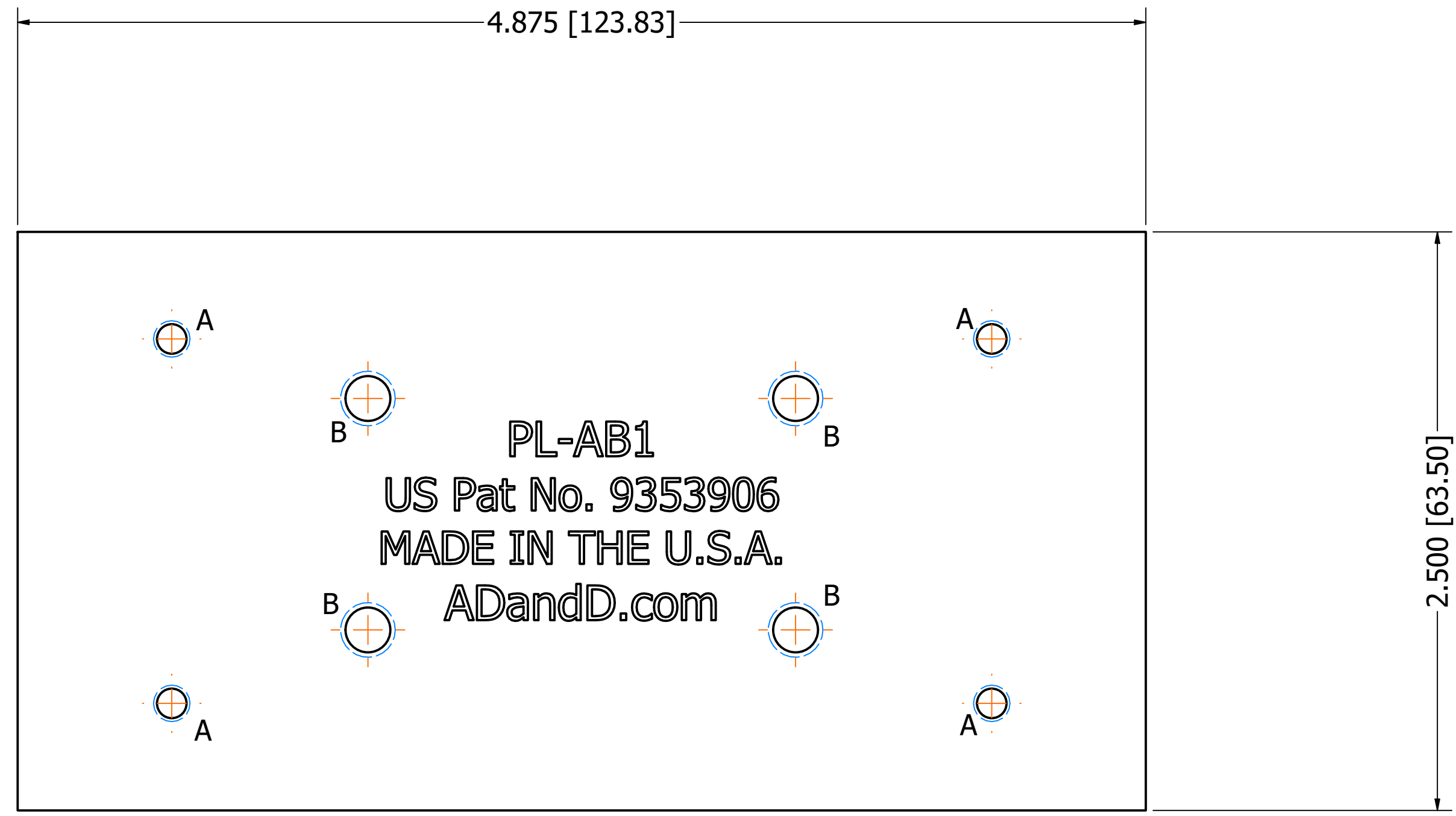


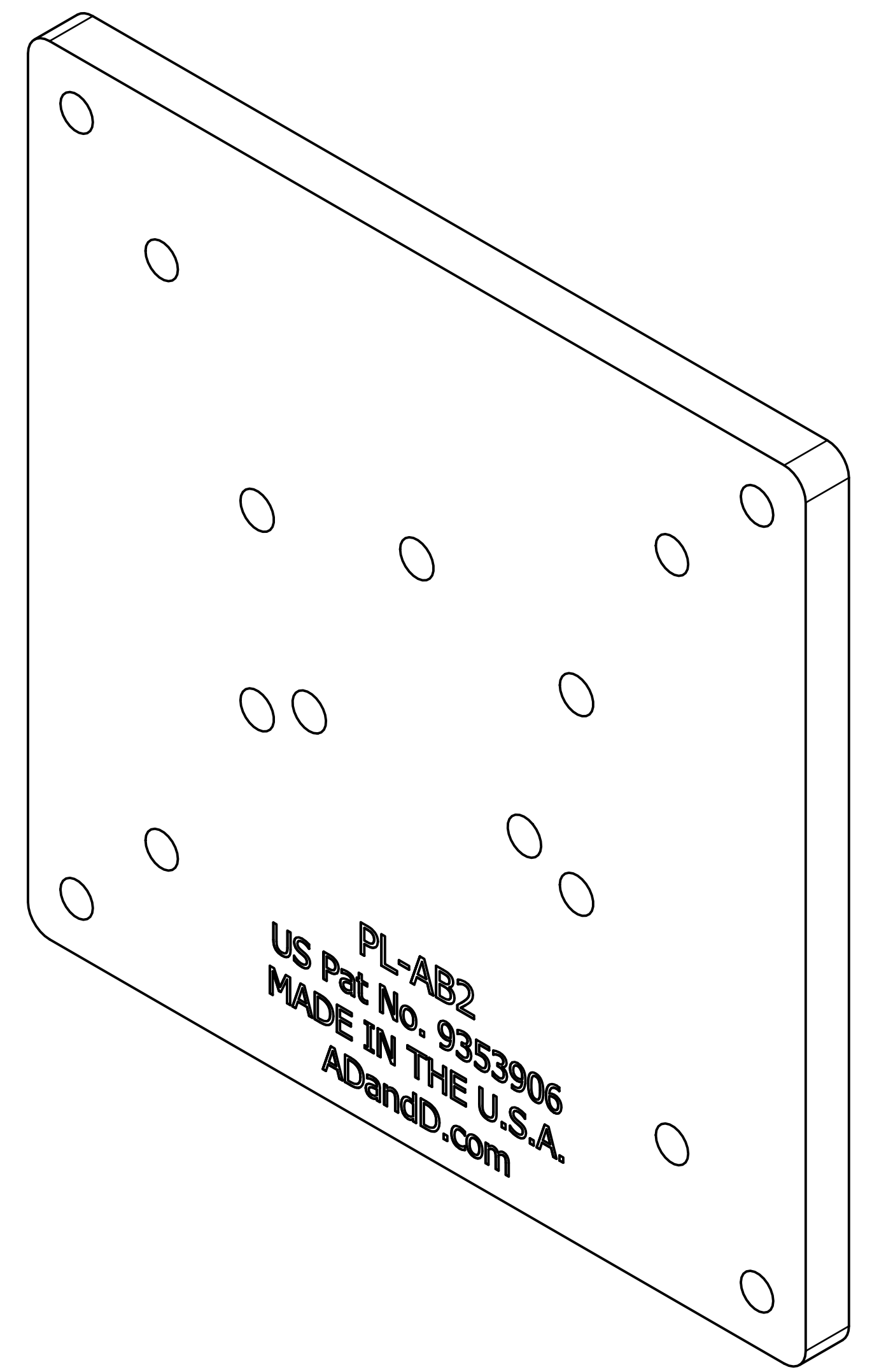
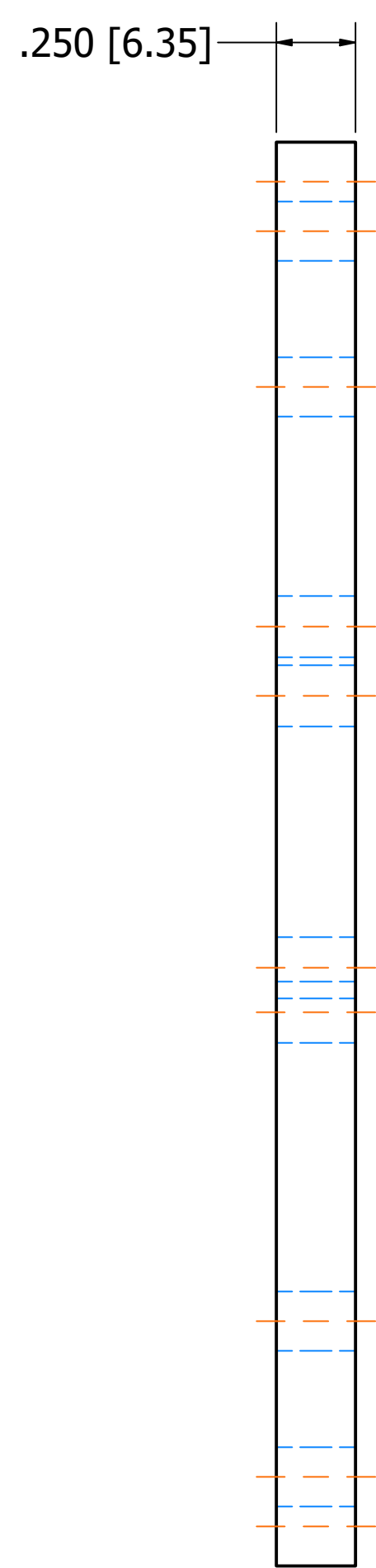
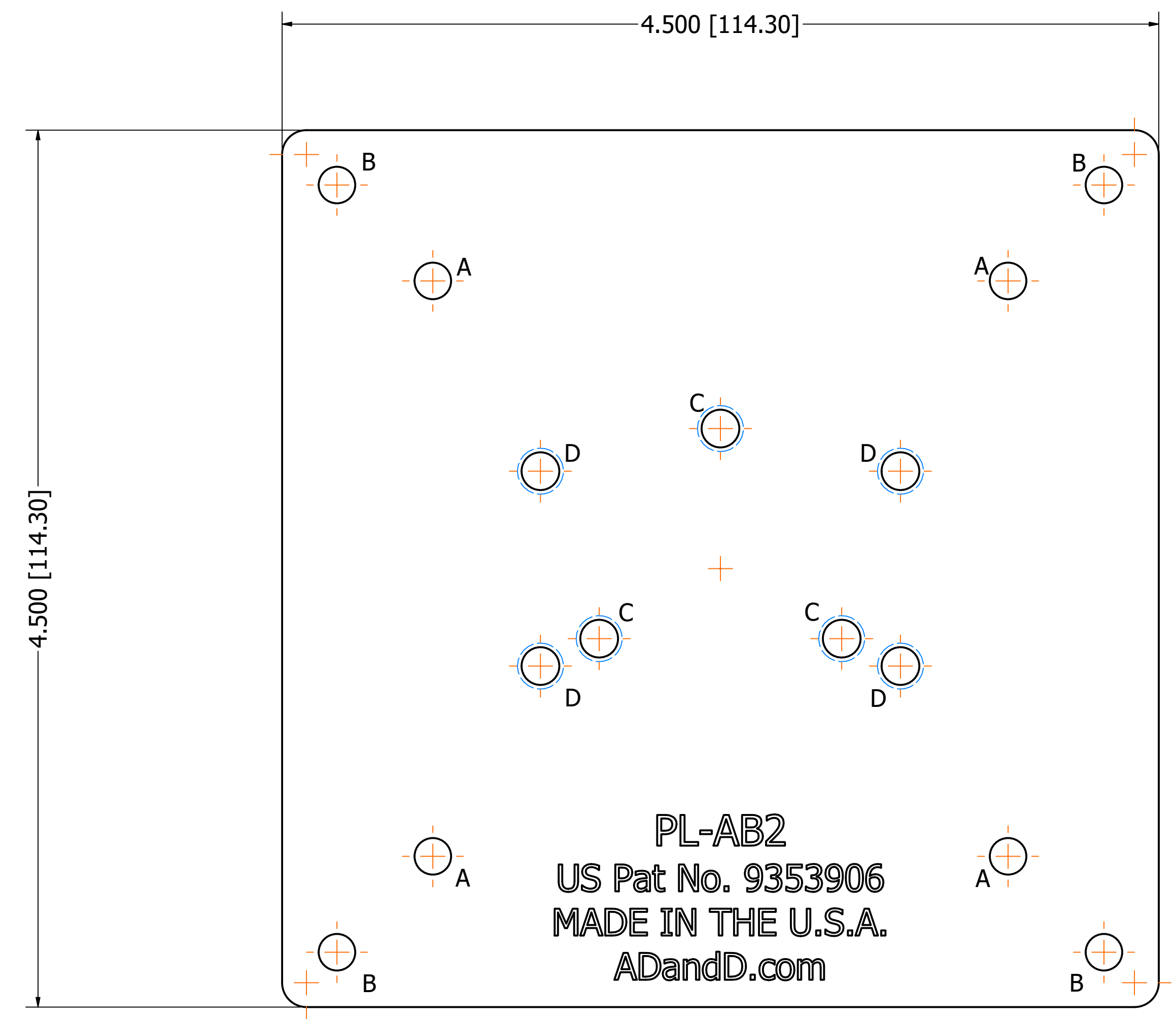
APPLICABLE PRODUCTS		
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
KEYENCE OP-88310	(2) S.H.C.S. - M4-0.7mm X 8mm 18-8SS (2) FLAT WASHER - M4 18-8SS	A
AD&D HDPL-BALLBASE	(4) S.H.C.S. - M6-1.0mm X 16mm 18-8SS	B



PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE APPROVED BY
REVISIONS			
Pop-Link Mounting Systems			
POP-LINK ADAPTER BRACKET 1			
MATERIAL:		DESIGNED BY: Doug Biddinger	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.293 lbmass		DRAWN DATE: 5/11/2020	
		SHEET. SIZE: D	SCALE: 2 / 1
DETAIL NO. PL-AB1			REV. A

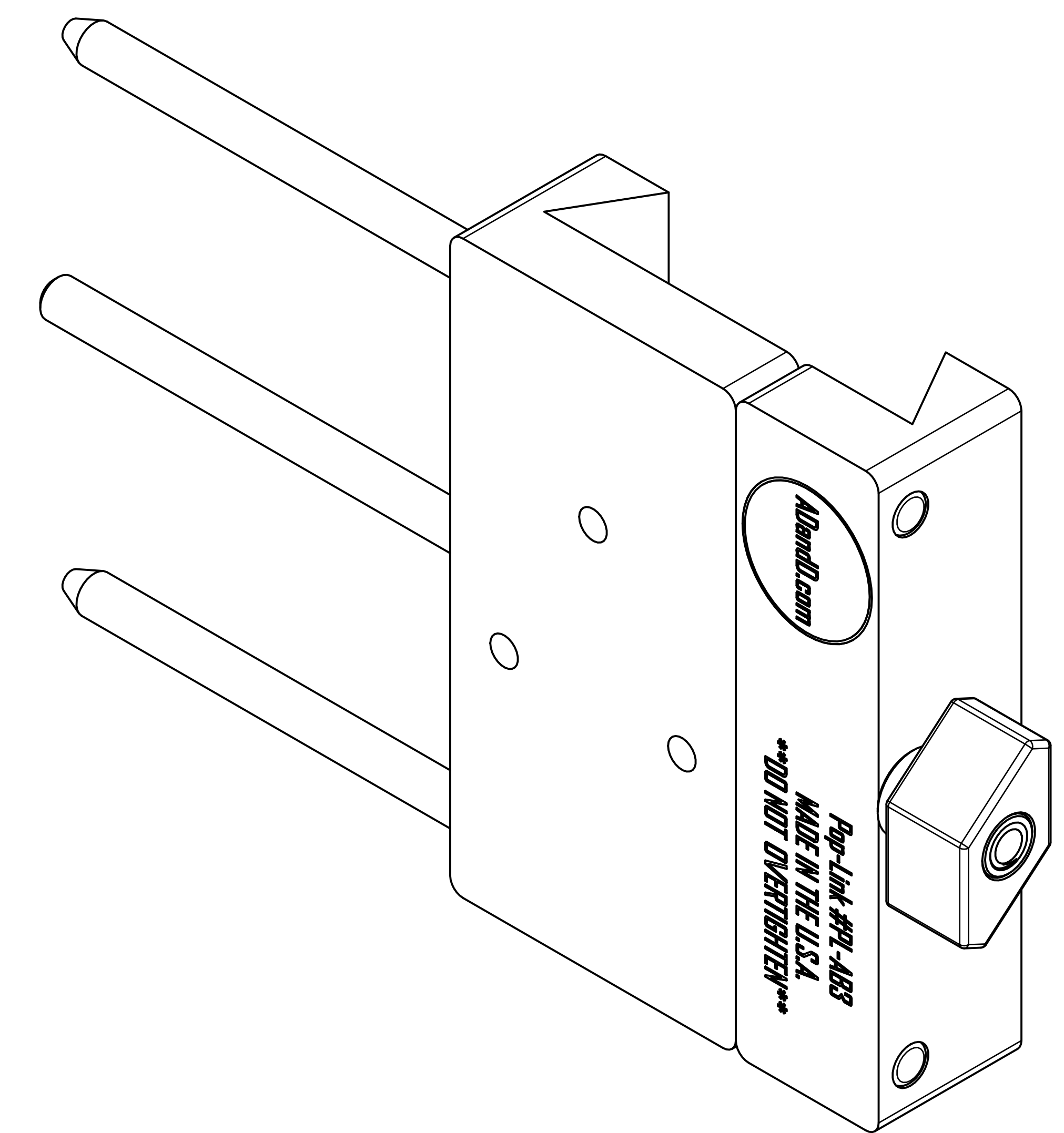
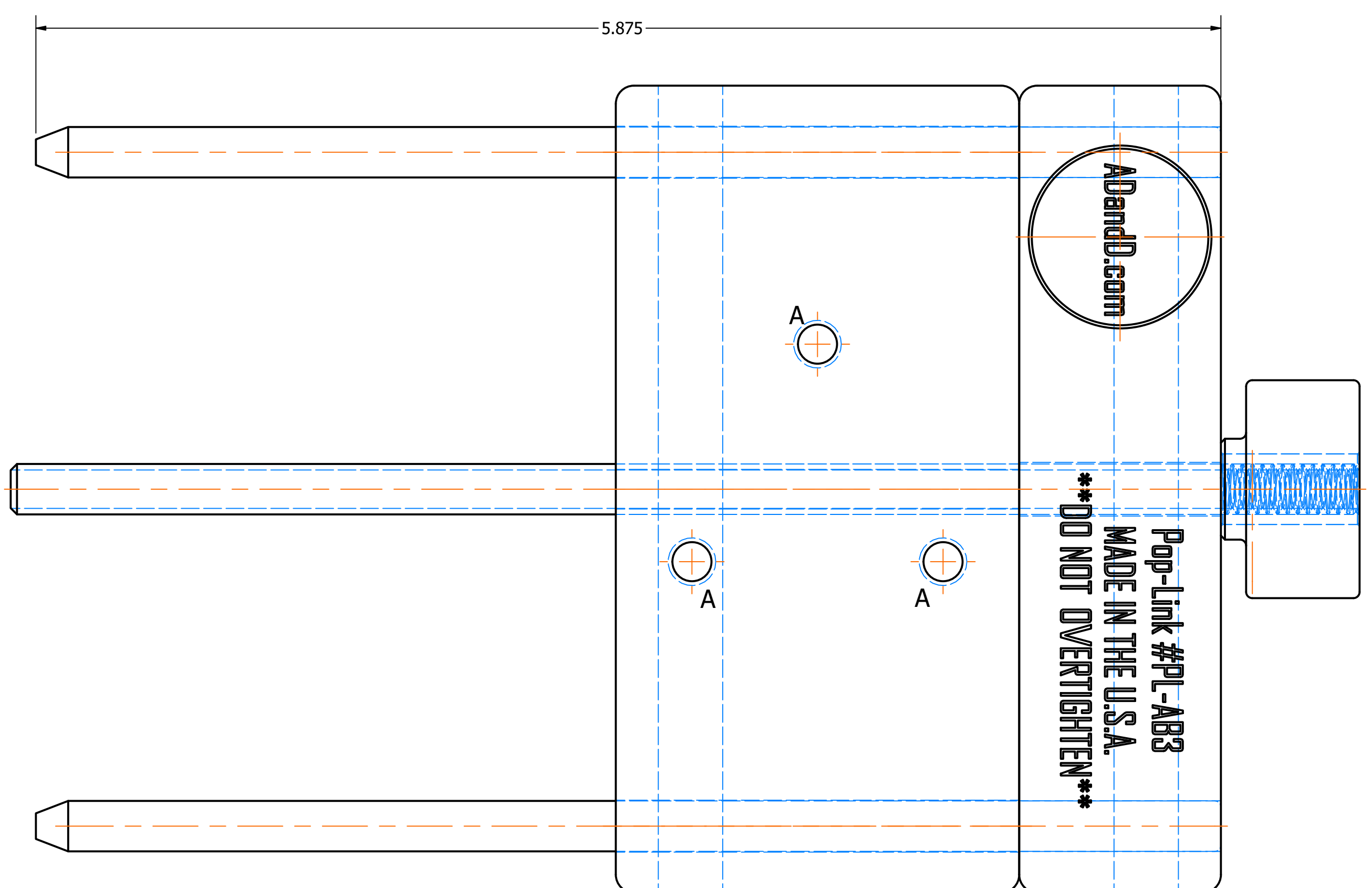
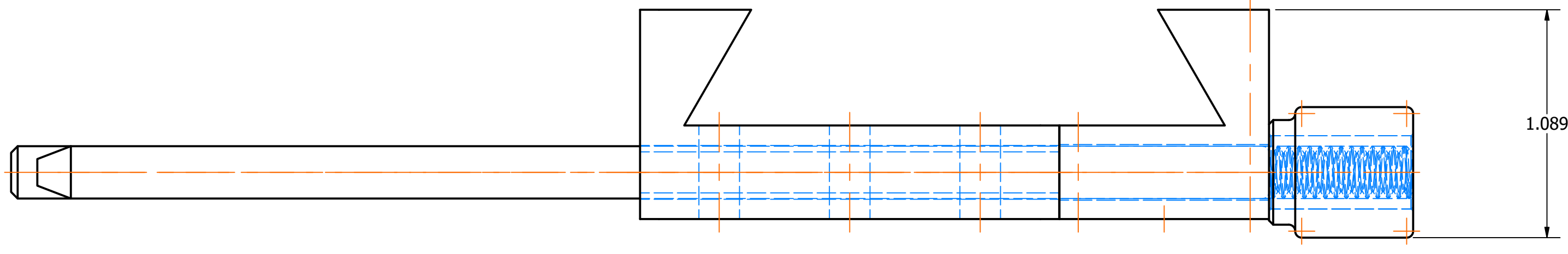
APPLICABLE PRODUCTS		
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
VESA MOUNT 75	(4) S.H.C.S. - M4-0.7mm X 12mm 18-8SS	A
VESA MOUNT 100	(4) S.H.C.S. - M4-0.7mm X 12mm 18-8SS	B
AD&D PL-BALLBASE	(3) S.H.C.S. - M6-1.0mm X 10mm 18-8SS	C
AD&D HDPL-BALLBASE	(4) S.H.C.S. - M6-1.0mm X 14mm 18-8SS	D



PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE
REVISIONS			
Pop-Link Mounting Systems			
PL ADAPTER BRACKET 2 - VESA BRACKET			
MATERIAL:		DESIGNED BY: Doug Biddinger	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.483 lbmass		DRAWN DATE: 5/11/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-AB2			REV. A

Table		
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
DIGITAL DEVICE (UP TO 6.8" WIDE)	NO HARDWARE	
PL-BALLBASE	(3) S.H.C.S. - M6-1.0mm X 10mm 18-8SS	A



PATENT PENDING

BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED

MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED

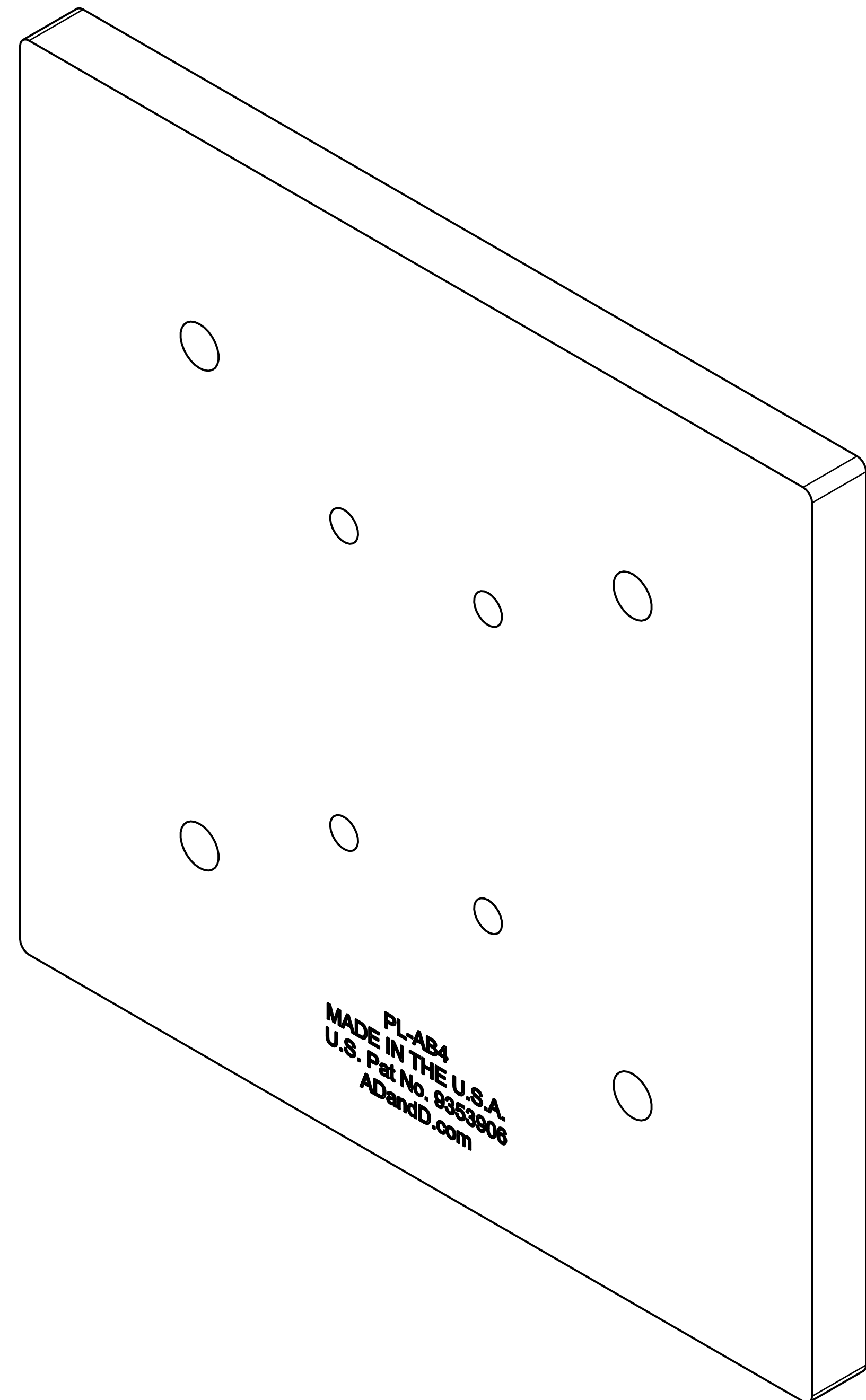
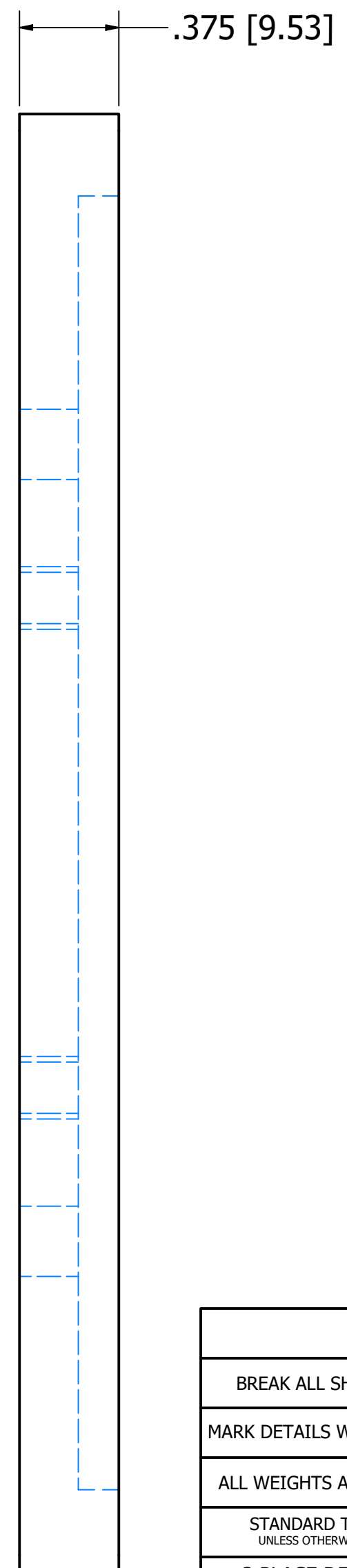
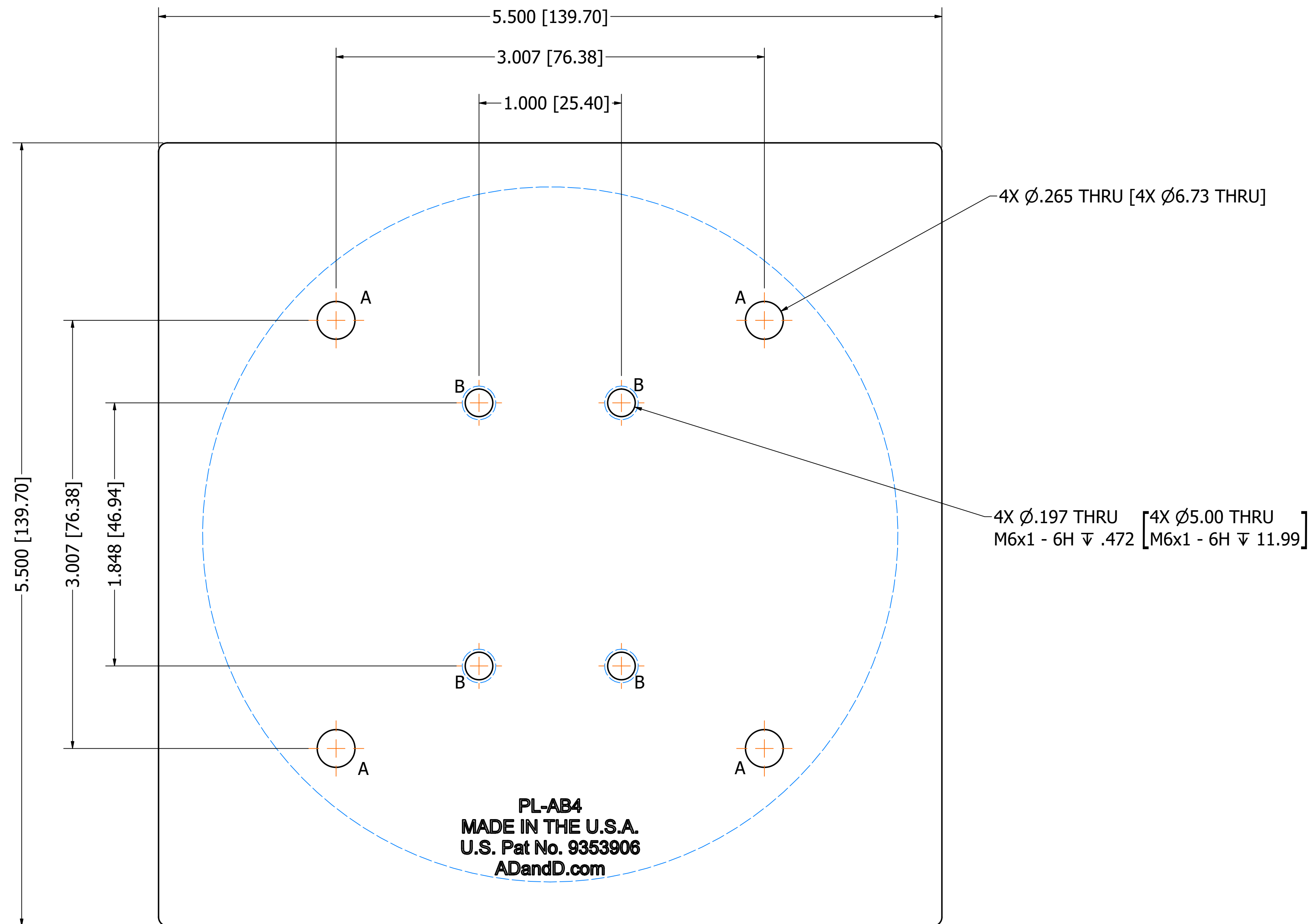
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS

STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994	
2 PLACE DEC. ± .030	□ FLATNESS	↗ CIRC RUNOUT
3 PLACE DEC. ± .005	— STRAIGHTNESS	↖ TOTAL RUNOUT
4 PLACE DEC. ± .0005	○ CIRCULARITY	⊕ POSITION
ANGLES ± 1°	⊘ CYLINDRICITY	⊖ CONCENTRICITY
THIRD ANGLE PROJECTION	⌒ PROFILE OF A SURFACE	∅ DIAMETER
⊕	⊥ PERPENDICULARITY	Ⓜ AT MAX MATL. CONDITION
∥	∥ PARALLELISM	Ⓢ REGARDLESS OF FEATURE SIZE
∠	∠ ANGULARITY	Ⓛ AT LEAST MATL. CONDITION
		Ⓧ DATUM FEATURE

ZONE	REV	DESCRIPTION	DATE	APPROVED BY
A		RELEASED TO PRODUCTION	3/6/2020	S. RILEY
REVISIONS				
ADandD.com		Pop-Link Mounting Systems		
SPENCER CELL PHONE BRACKET				
MATERIAL:		DESIGNED BY: S. RILEY		
FINISH:		DRAWN BY: S. RILEY		
WT.(LBS): 0.906 lbmass		DRAWN DATE: 4/14/2020		
		SHEET. SIZE: D	SCALE: 2 / 1	
DETAIL NO. PL-AB3				REV. A

TABLE

PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
KEYENCE #XT-024	(4) S.H.C.S. - M6-1.0mm X 16mm 18-8SS	A
KEYENCE #XT-060	(4) S.H.C.S. - M6-1.0mm X 16mm 18-8SS	A
POP-LINK #HDPL-BASE	(4) S.H.C.S. - M6-1.0mm X 14mm 18-8SS	B



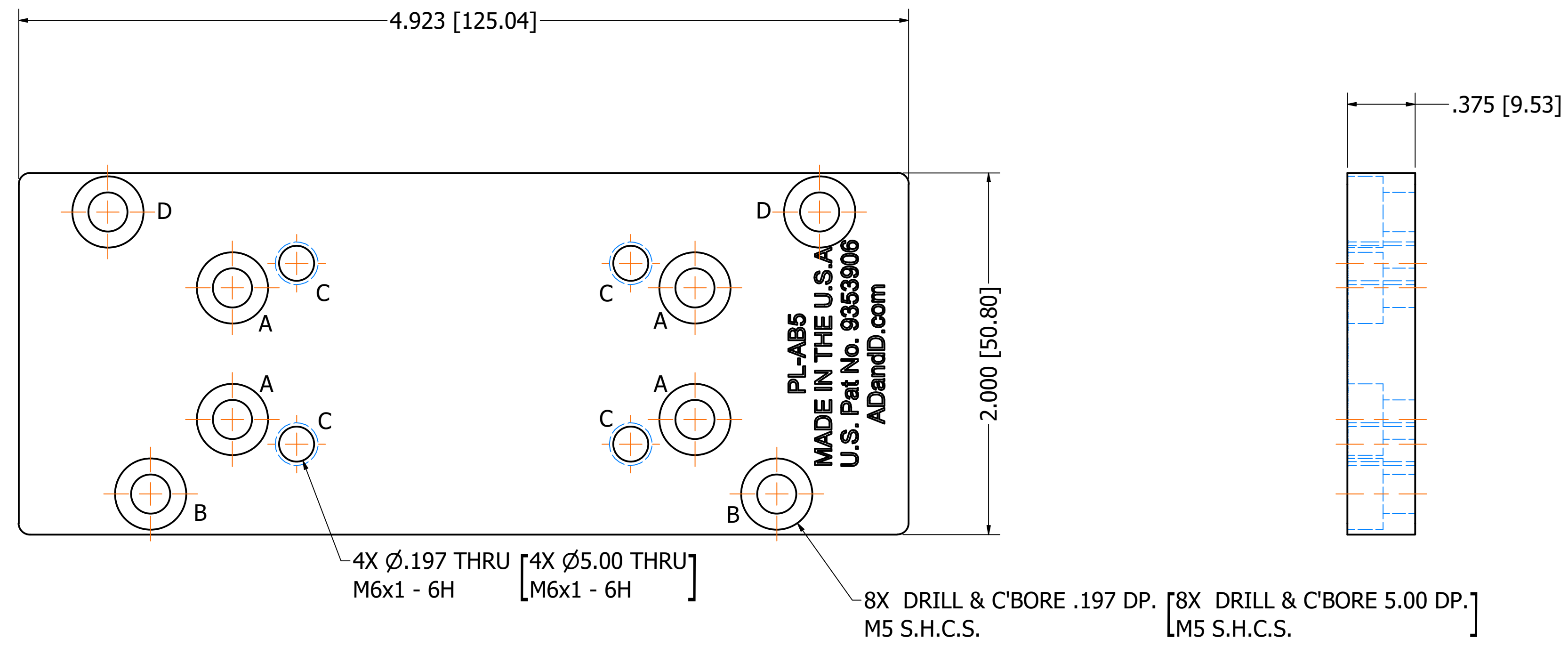
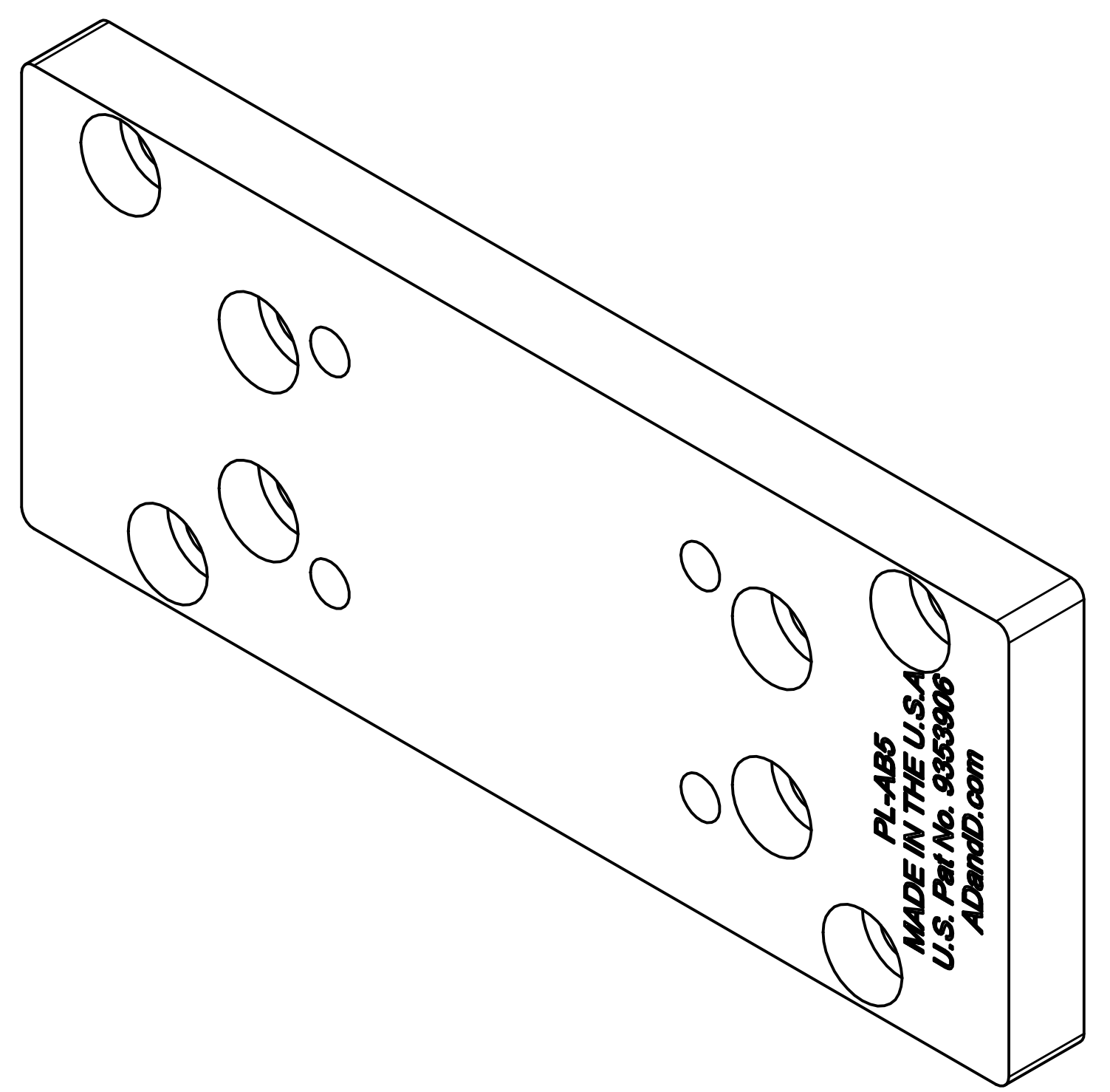
PL-AB4
MADE IN THE U.S.A.
U.S. Pat No. 9353906
ADandD.com

PL-AB4
MADE IN THE U.S.A.
U.S. Pat No. 9353906
ADandD.com

PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	DESCRIPTION	DATE	APPROVED BY
REVISIONS			
Pop-Link Mounting Systems			
PL ADAPTER BRACKET AB4			
MATERIAL:		DESIGNED BY: S. RILEY	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.820 lbmass		DRAWN DATE: 5/26/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-AB4			REV. A

APPLICABLE PRODUCTS		
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
KEYENCE #XR-HT40M /MD	(4) S.H.C.S. - M5-0.8mm X 10mm 18-8SS	A
KEYENCE #XR-HT15M /MD	(4) S.H.C.S. - M5-0.8mm X 10mm 18-8SS	A
KEYENCE #XR-HT40M /MD	(2) S.H.C.S. - M5-0.8mm X 65mm 18-8SS (2) JAM NUT - M5-0.8mm 18-8SS	B
KEYENCE #XR-HT15M /MD	(2) S.H.C.S. - M5-0.8mm X 65mm 18-8SS (2) JAM NUT - M5-0.8mm 18-8SS	B
MICRO EPSILON SCAN CONTROL 30XX	(2) S.H.C.S. - M5-0.8mm X 65mm 18-8SS (2) JAM NUT - M5-0.8mm 18-8SS	D
AD&D #HDPL-BALLBASE	(4) S.H.C.S. - M6-1.0mm X 16mm 18-8SS	C

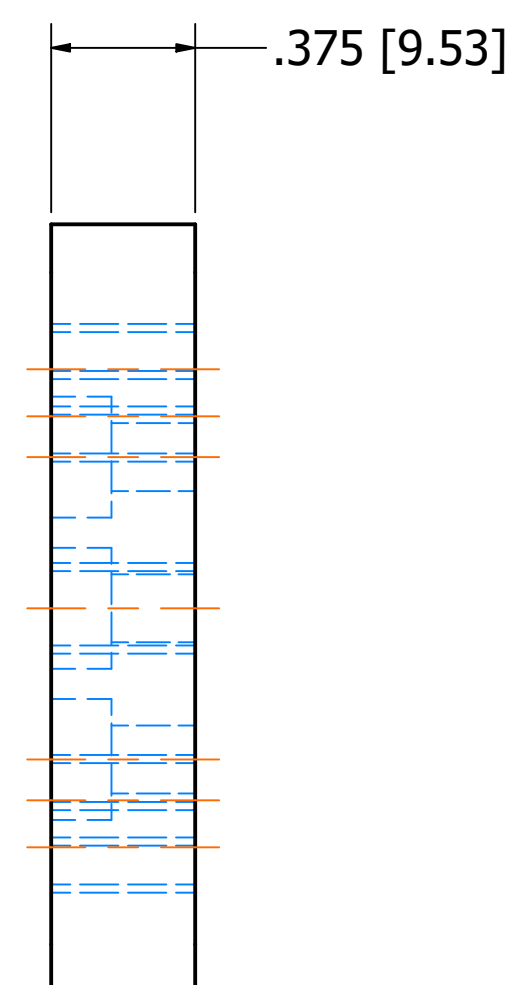
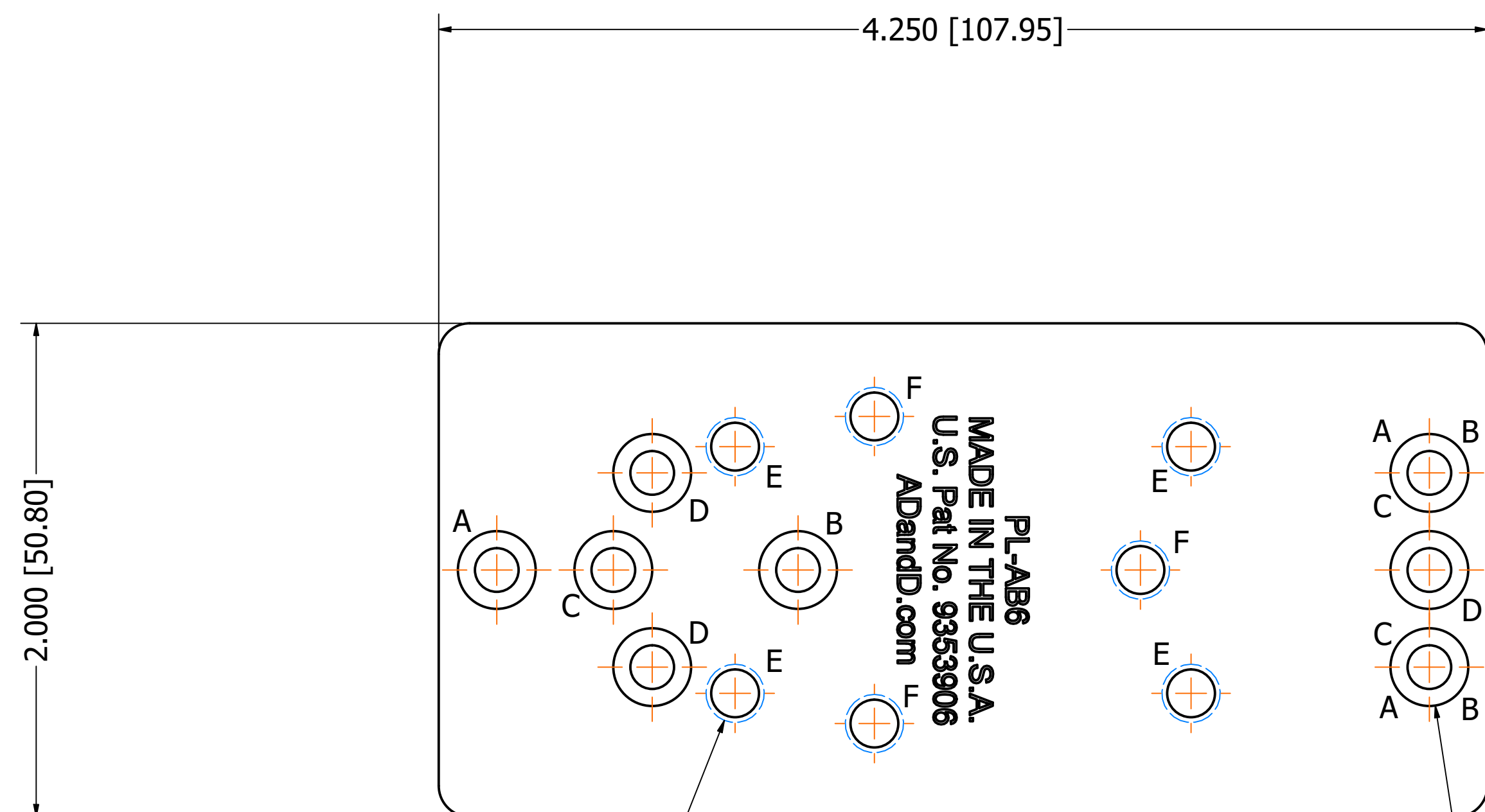
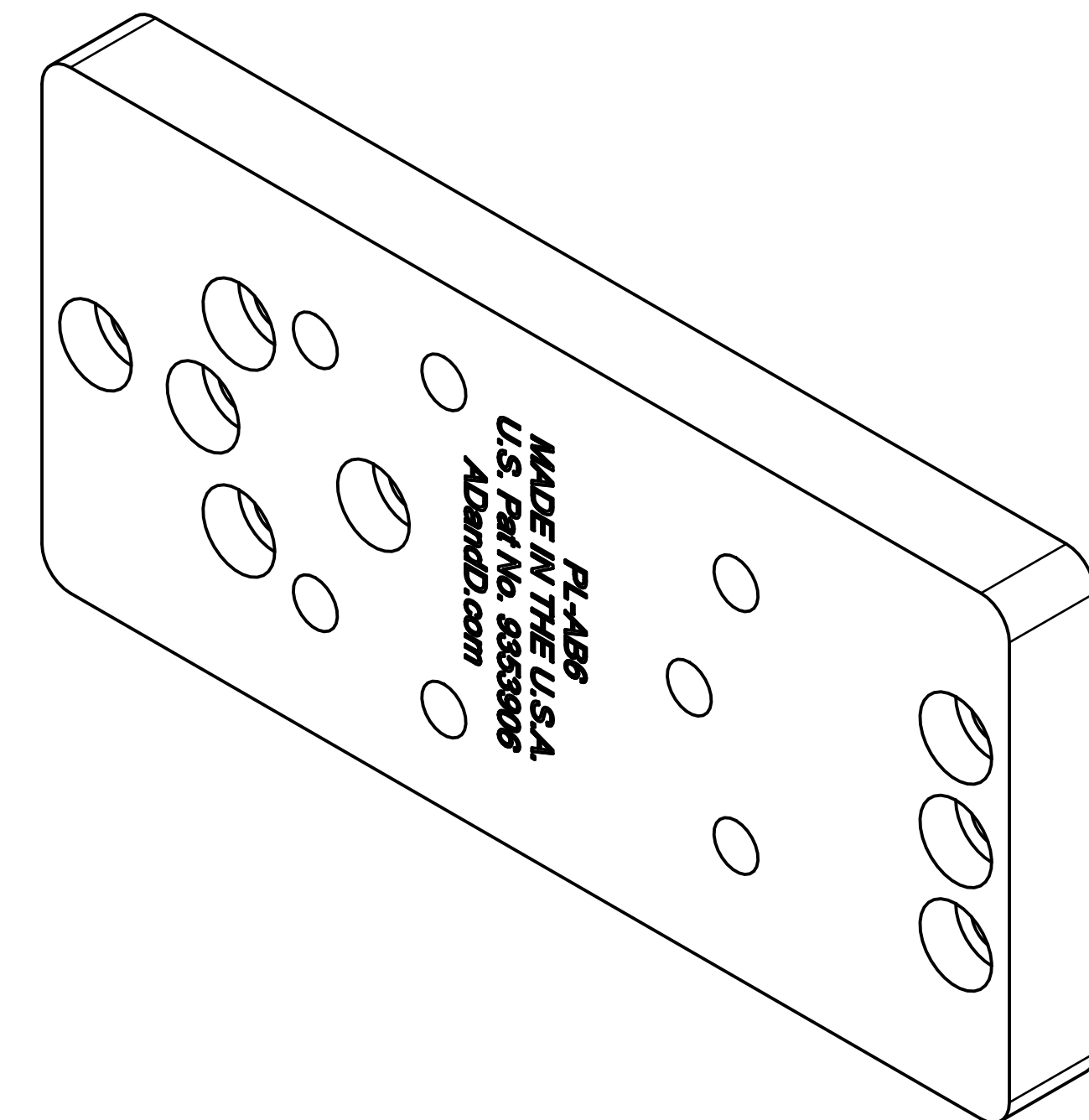


PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE APPROVED BY
REVISIONS			
Pop-Link Mounting Systems			
PL ADAPTER BRACKET AB5			
MATERIAL:		DESIGNED BY: S. RILEY	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.332 lbmass		DRAWN DATE: 5/28/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-AB5			REV. A

APPLICABLE PRODUCTS

PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
KEYENCE # LJ-V7020 / 7020K	(3) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	A
KEYENCE #LJ-V7060 / 7060K	(3) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	B
KEYENCE #LJ-V7080	(3) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	C
LMI #GOCATOR 2510	(3) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	D
LMI #GOCATOR 2520	(3) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	D
LMI #GOCATOR 2530	(3) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	D
AD&D #HDPL-BALLBASE	(4) S.H.C.S. - M6-1.0mm X 16mm 18-8SS	E
AD&D #PL-BALLBASE	(3) S.H.C.S. - M6-1.0mm X 10mm 18-8SS	F



7X Ø.197 THRU [7X Ø5.00 THRU]
M6x1 - 6H [M6x1 - 6H]

8X DRILL & C'BORE .157 DP. [8X DRILL & C'BORE 3.99 DP.]
M4 S.H.C.S. [M4 S.H.C.S.]

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE APPROVED BY

REVISIONS



PL ADAPTER BRACKET AB6

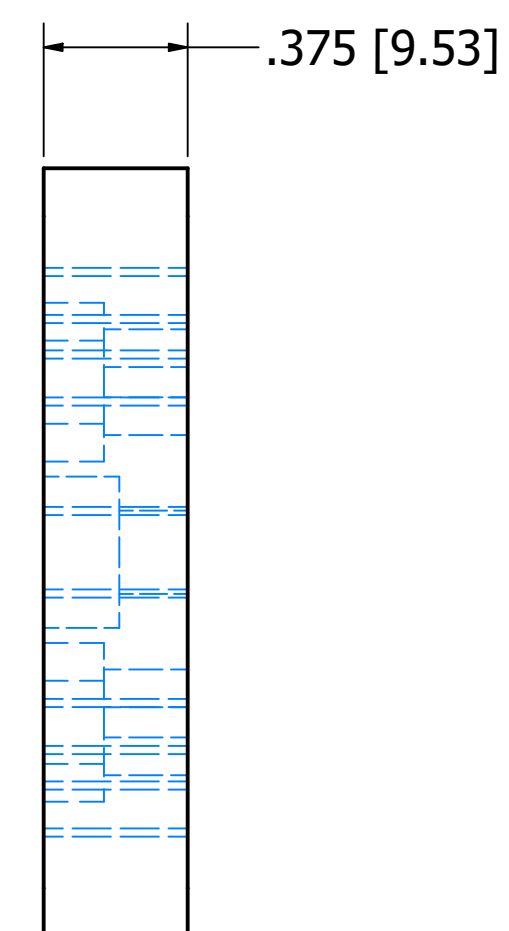
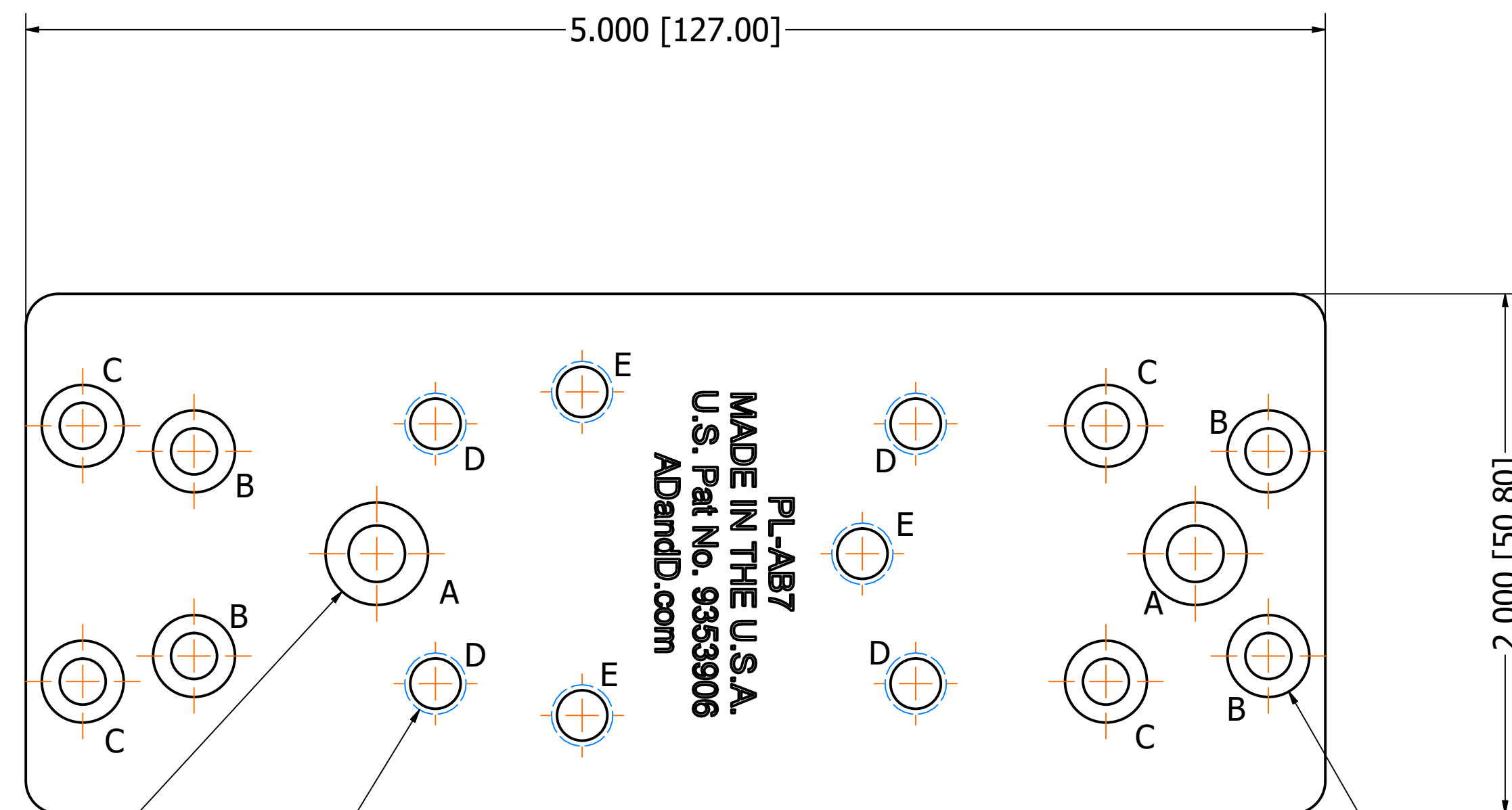
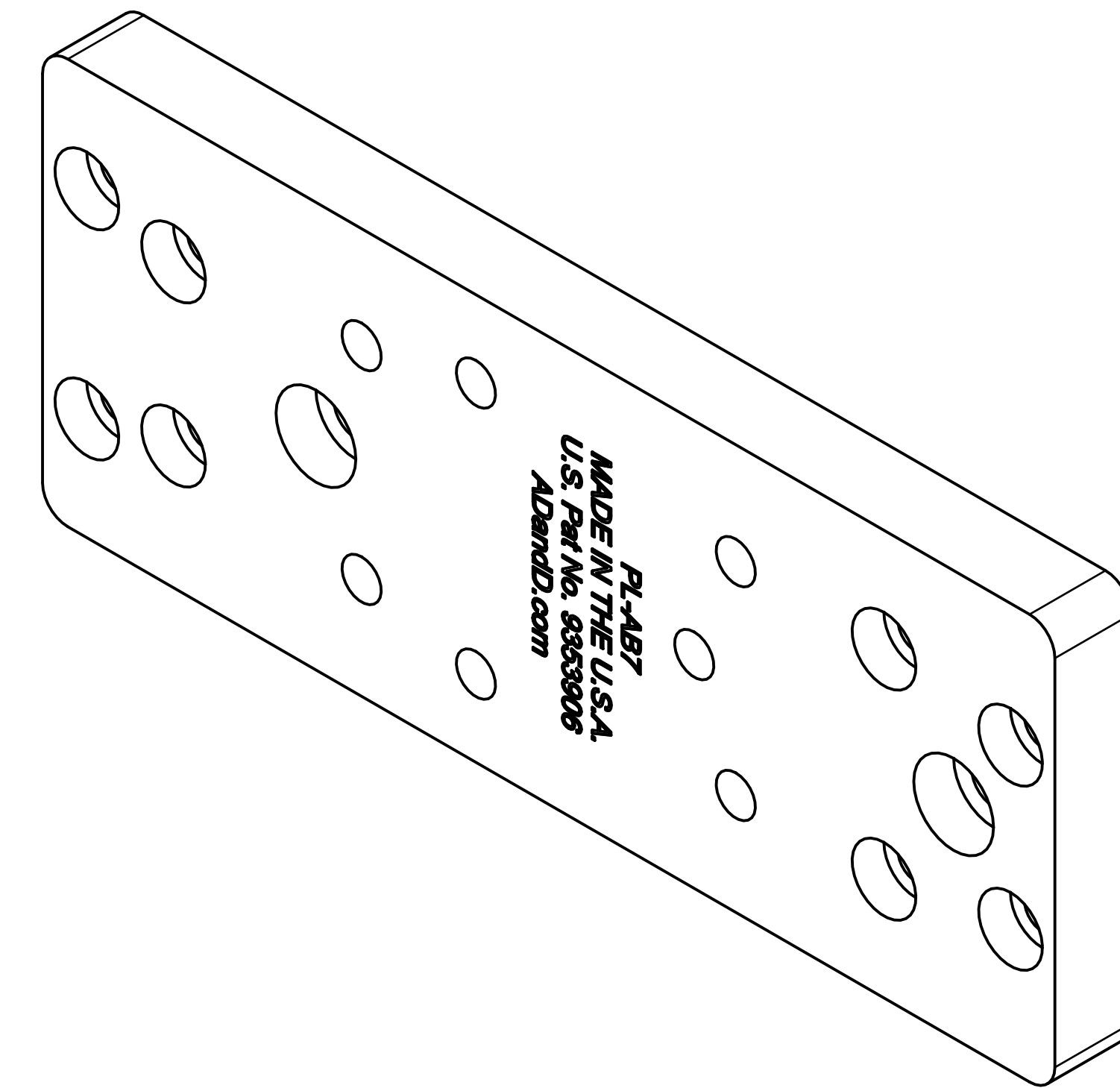
MATERIAL:	DESIGNED BY: S. RILEY
FINISH:	DRAWN BY: S. RILEY
WT.(LBS): 0.289 lbmass	DRAWN DATE: 5/28/2020
SHEET. SIZE: D	SCALE: 2 / 1

PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

DETAIL NO. PL-AB6	REV. A
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APPLICABLE PRODUCTS

PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
COGNEX #DS1050/1101/1300	(2) S.H.C.S. - M5-0.8mm X 10mm 18-8SS	A
KEYENCE #LJ-V7200	(4) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	B
KEYENCE #LJ-V7300	(4) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	C
AD&D #PL-BALLBASE	(3) S.H.C.S. - M6-1.0mm X 10mm 18-8SS	D
AD&D #HDPL-BALLBASE	(4) S.H.C.S. - M6-1.0mm X 16mm 18-8SS	E



2X DRILL & C'BORE .197 DP. [2X DRILL & C'BORE 5.00 DP.]
M5 S.H.C.S. [M5 S.H.C.S.]

7X Ø.197 THRU [7X Ø5.00 THRU]
M6x1 - 6H [M6x1 - 6H]

8X DRILL & C'BORE .157 DP. [8X DRILL & C'BORE 3.99 DP.]
M4 S.H.C.S. [M4 S.H.C.S.]

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE APPROVED BY

REVISIONS

PL ADAPTER BRACKET AB7

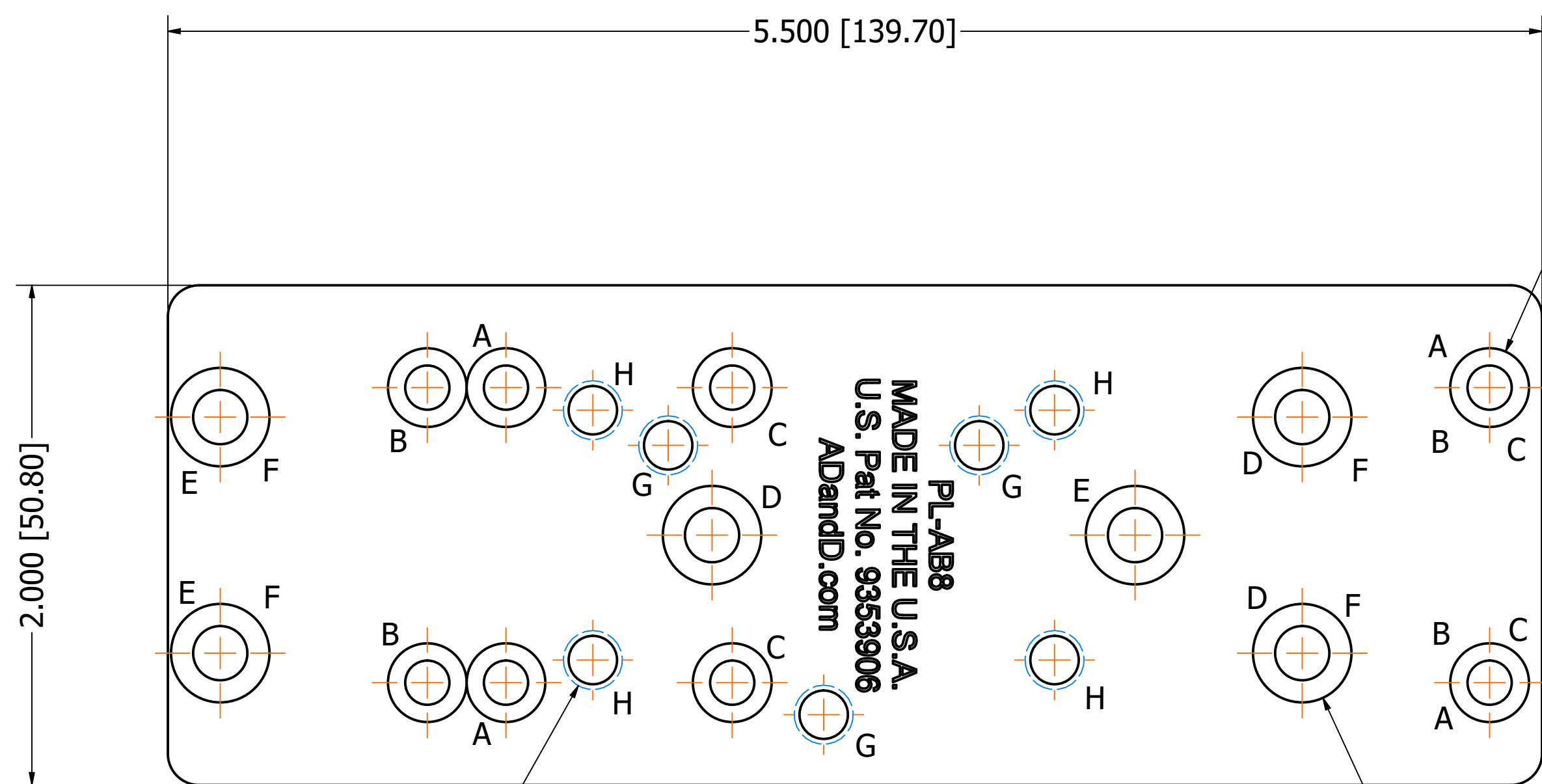
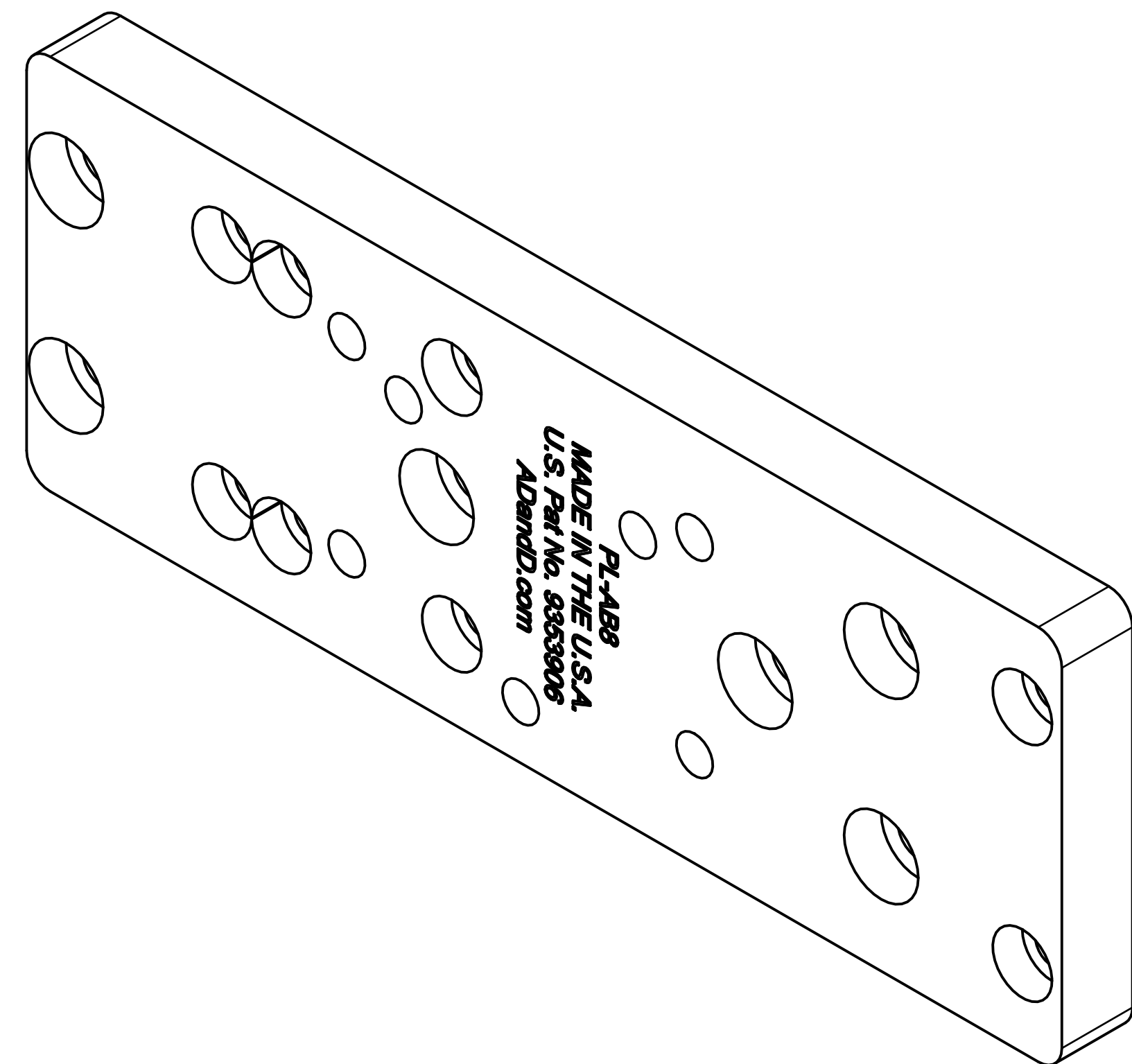
MATERIAL:	DESIGNED BY: S. RILEY
FINISH:	DRAWN BY: S. RILEY
WT.(LBS): 0.338 lbmass	DRAWN DATE: 5/28/2020
SHEET. SIZE: D	SCALE: 2 / 1

PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

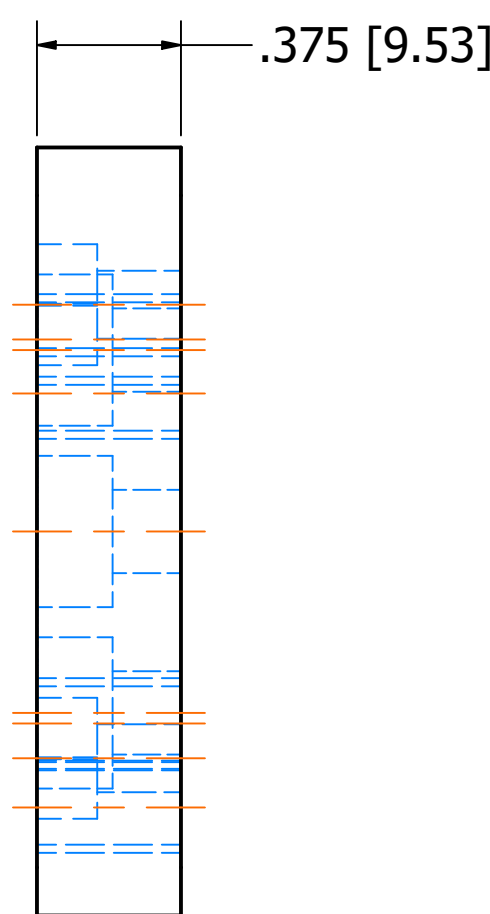
DETAIL NO. PL-AB7 REV. A

APPLICABLE PRODUCTS

PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
KEYENCE #LJ-X8020	(4) S.H.C.S. - M4-0.7mm X 10mm 18-8SS	A
KEYENCE #LJ-X8060	(4) S.H.C.S. - M4-0.7mm X 10mm 18-8SS	B
KEYENCE #LJ-X8080	(4) S.H.C.S. - M4-0.7mm X 10mm 18-8SS	C
KEYENCE #LJ-X8200	(3) S.H.C.S. - M5-0.8mm X 16mm 18-8SS	D
KEYENCE #LJ-X8400	(3) S.H.C.S. - M5-0.8mm X 16mm 18-8SS	E
KEYENCE #LJ-X8900	(4) S.H.C.S. - M5-0.8mm X 16mm 18-8SS	F
AD&D #PL-BALLBASE	(3) S.H.C.S. - M6-1.0mm X 10mm 18-8SS	G
AD&D #HDPL-BALLBASE	(4) S.H.C.S. - M6-1.0mm X 16mm 18-8SS	H



8X DRILL & C'BORE .157 DP. [8X DRILL & C'BORE 3.99 DP.]
M4 S.H.C.S. [M4 S.H.C.S.]

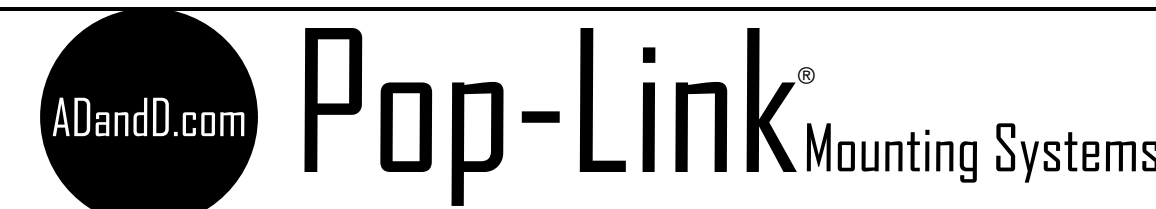


7X Ø.197 THRU [7X Ø5.00 THRU]
M6x1 - 6H [M6x1 - 6H]

6X DRILL & C'BORE .197 DP. [6X DRILL & C'BORE 5.00 DP.]
M5 S.H.C.S. [M5 S.H.C.S.]

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE APPROVED BY

REVISIONS



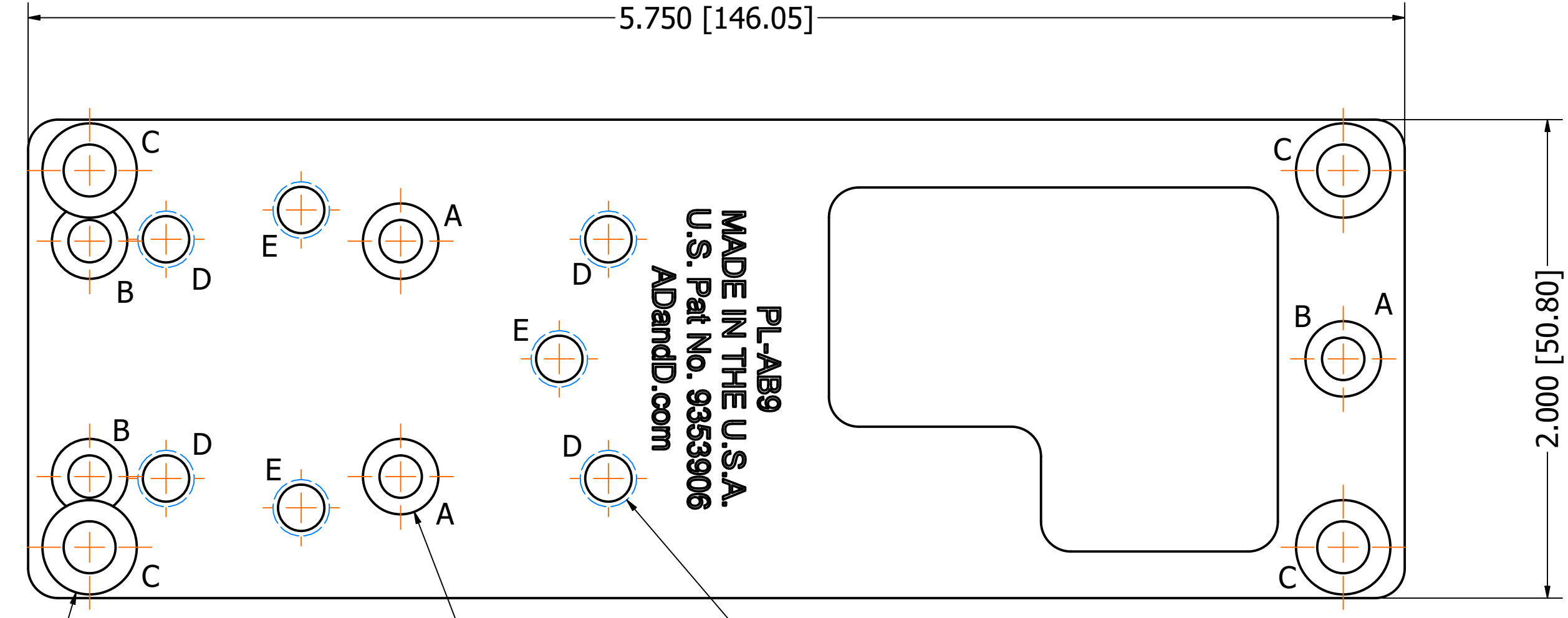
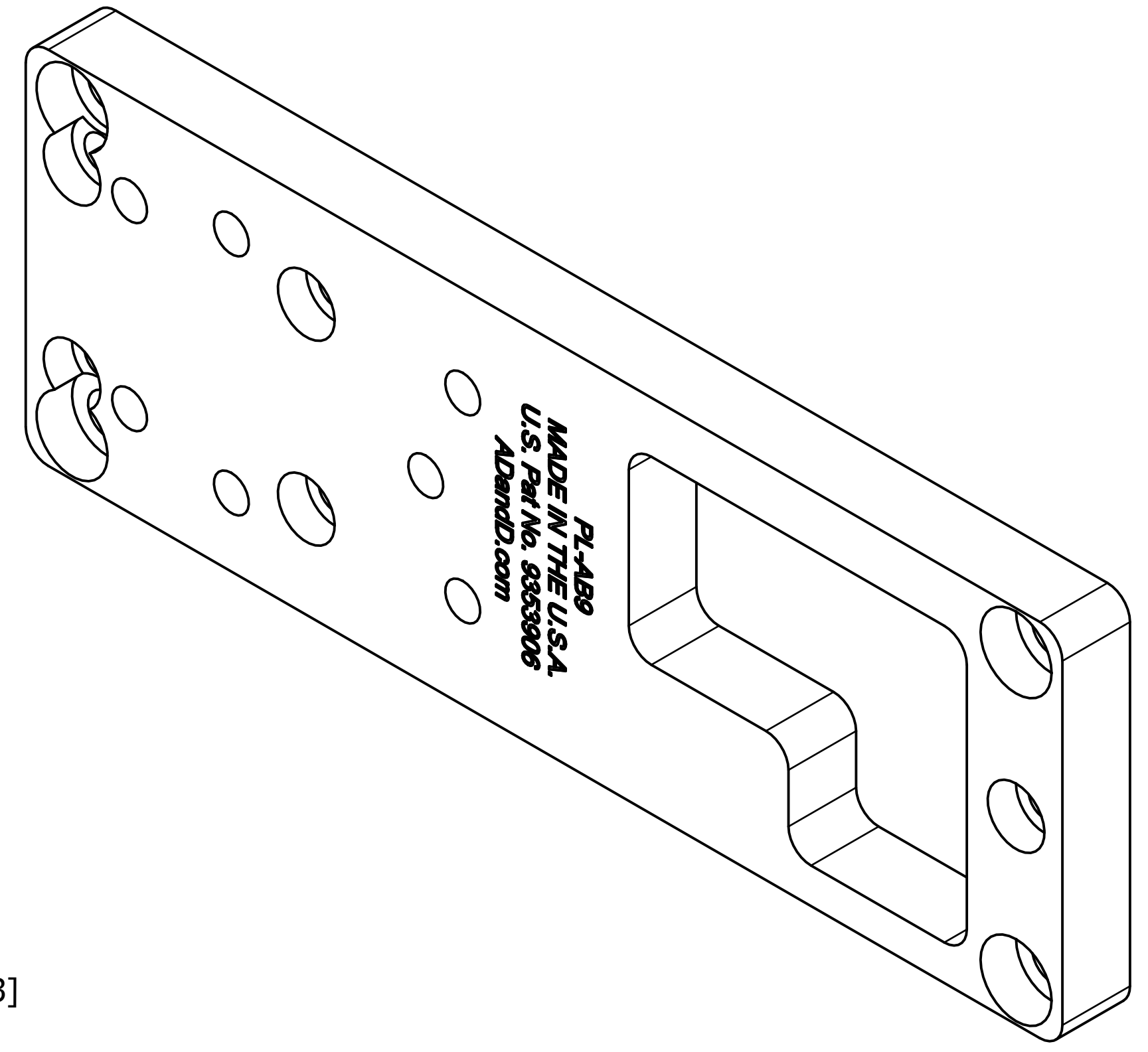
PL ADAPTER BRACKET AB8

PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

MATERIAL:	DESIGNED BY: S. RILEY
FINISH:	DRAWN BY: S. RILEY
WT.(LBS): 0.363 lbmass	DRAWN DATE: 5/28/2020
SHEET. SIZE: D	SCALE: 2 / 1
DETAIL NO. PL-AB8	REV. A

APPLICABLE PRODUCTS

PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
LMI #GOCATOR 2130/2330	(4) S.H.C.S - M5-0.8mm X 16mm 18-8SS	C
LMI #GOCATOR 2410	(3) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	A
LMI #GOCATOR 2420	(3) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	A
LMI #GOCATOR 2430	(3) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	B
AD&D #HDPL-BALLBASE	(4) S.H.C.S - M6-1.0mm X 16mm 18-8SS	D
AD&D #PL-BALLBASE	(3) S.H.C.S - M6-1.0mm X 10mm 18-8SS	E



4X DRILL & C'BORE .197 DP. [4X DRILL & C'BORE 5.00 DP.]
M5 S.H.C.S. [M5 S.H.C.S.]

5X DRILL & C'BORE .157 DP. [5X DRILL & C'BORE 3.99 DP.]
M4 S.H.C.S. [M4 S.H.C.S.]

7X Ø.197 THRU [7X Ø5.00 THRU]
M6x1 - 6H [M6x1 - 6H]

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE APPROVED BY

REVISIONS

Pop-Link[®] Mounting Systems

PL ADAPTER BRACKET AB9

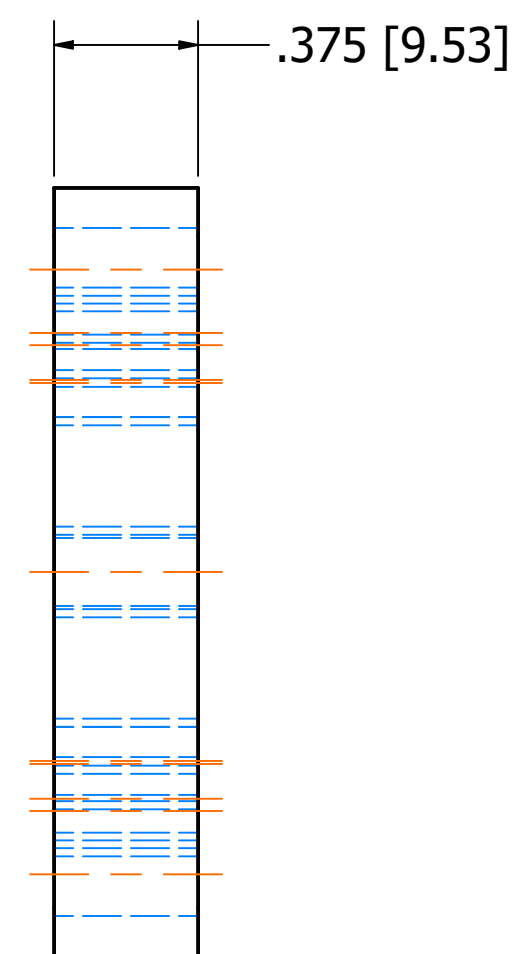
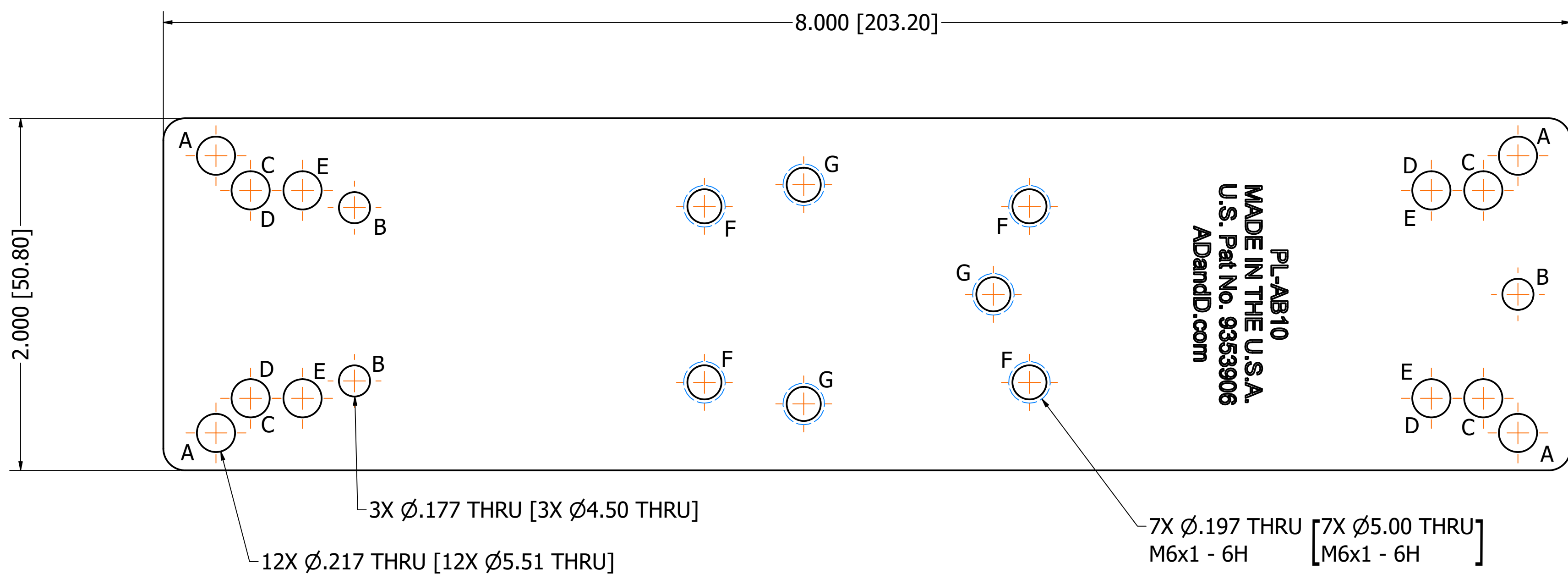
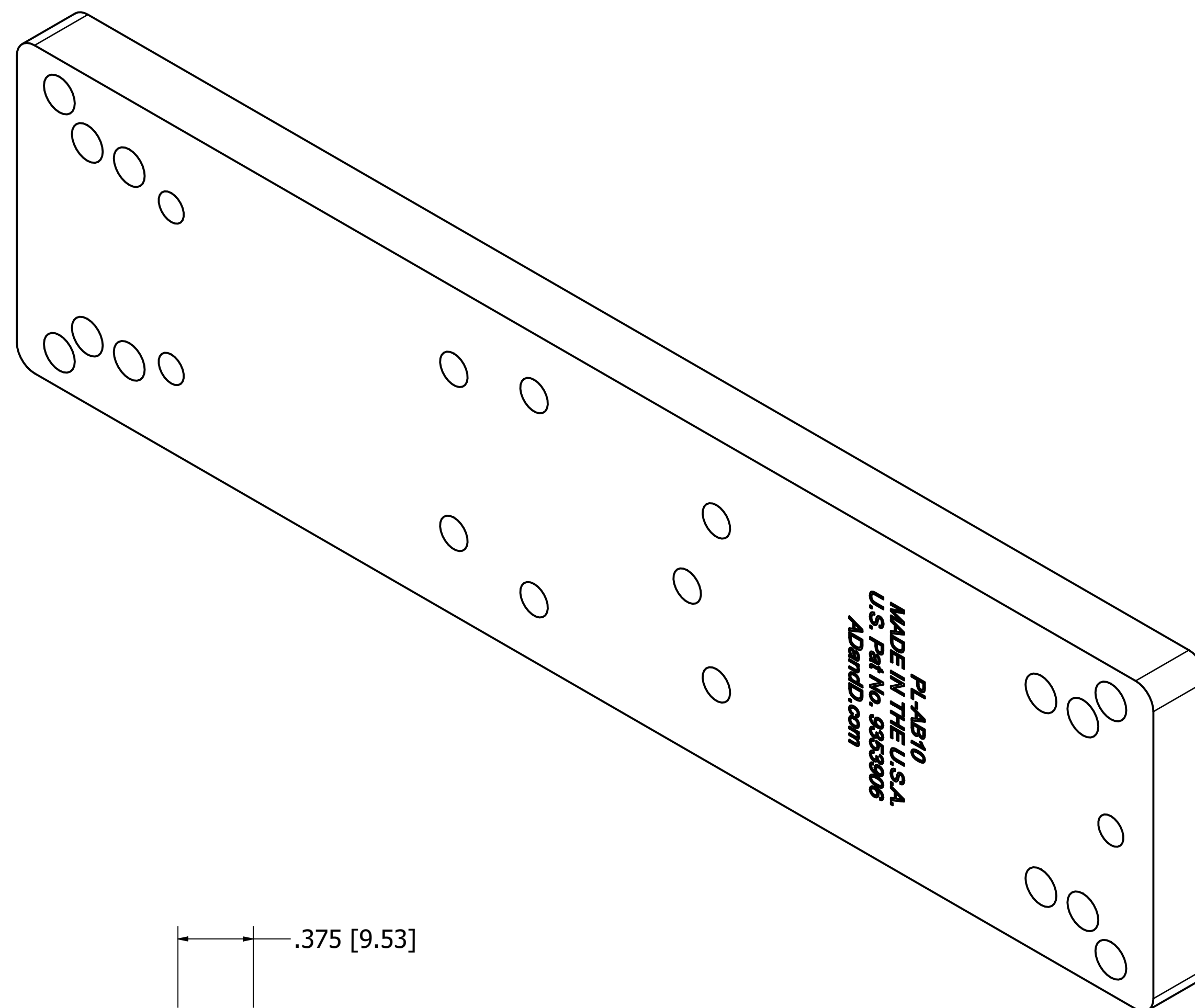
PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED 2 PLACE DEC. ± .030 3 PLACE DEC. ± .005 4 PLACE DEC. ± .0005 ANGLES ± 1° THIRD ANGLE PROJECTION	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994 FLATNESS STRAIGHTNESS CIRCULARITY CYLINDRICITY PROFILE OF A SURFACE PERPENDICULARITY PARALLELISM ANGULARITY CIRC RUNOUT TOTAL RUNOUT POSITION CONCENTRICITY DIAMETER AT MAX MATL. CONDITION REGARDLESS OF FEATURE SIZE AT LEAST MATL. CONDITION DATUM FEATURE

MATERIAL:	DESIGNED BY: S. RILEY
FINISH:	DRAWN BY: S. RILEY
WT.(LBS): 0.305 lbmass	DRAWN DATE: 5/28/2020
SHEET. SIZE: D	SCALE: 2 / 1

DETAIL NO. PL-AB9 REV. A

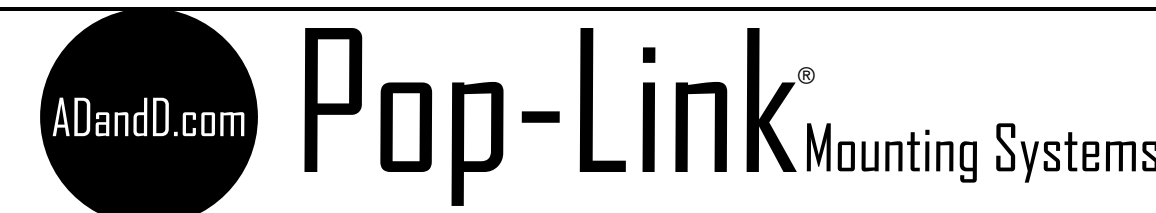
APPLICABLE PRODUCTS

PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
LMI #GOCATOR 2140 / 2340	(4) S.H.C.S. - M5-0.8mm X 18mm 18-8SS	A
LMI #GOCATOR 2440	(3) S.H.C.S. - M4-0.7mm X 16mm 18-8SS	B
LMI #GOCATOR 3210	(4) S.H.C.S. - M5-0.8mm X 16mm 18-8SS	C
LMI #GOCATOR 3504	(4) S.H.C.S. - M5-0.8mm X 16mm 18-8SS	D
LMI #GOCATOR 3506	(4) S.H.C.S. - M5-0.8mm X 16mm 18-8SS	E
AD&D #HDPL-BALLBASE	(4) S.H.C.S. - M6-1.0mm X 16mm 18-8SS	F
AD&D #PL-BALLBASE	(3) S.H.C.S. - M6-1.0mm X 10mm 18-8SS	G



A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	DESCRIPTION	DATE	APPROVED BY

REVISIONS



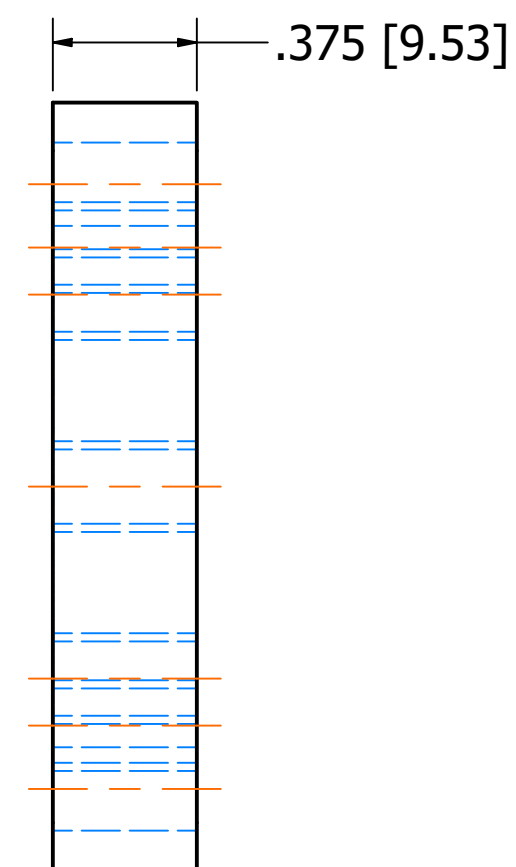
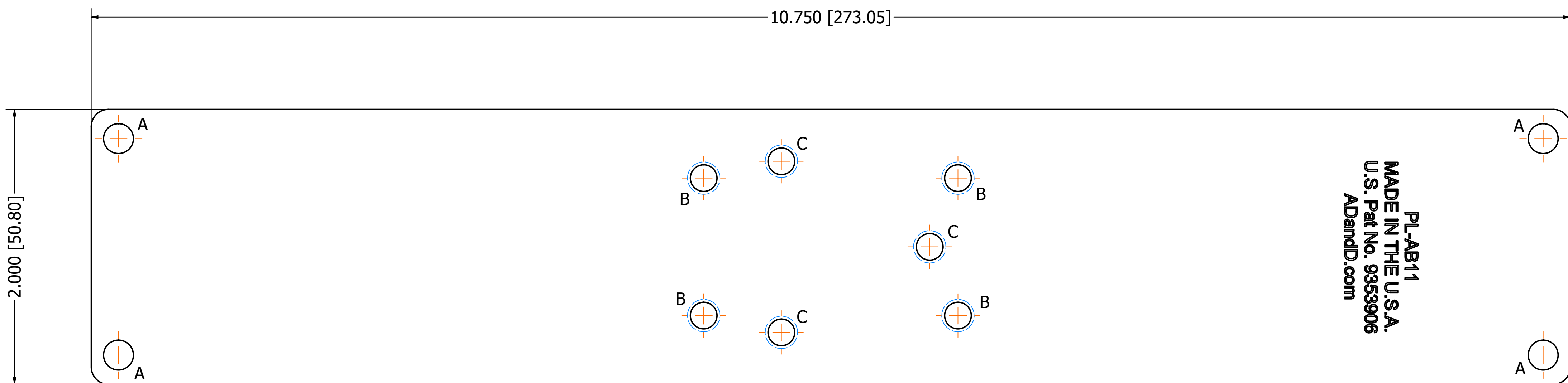
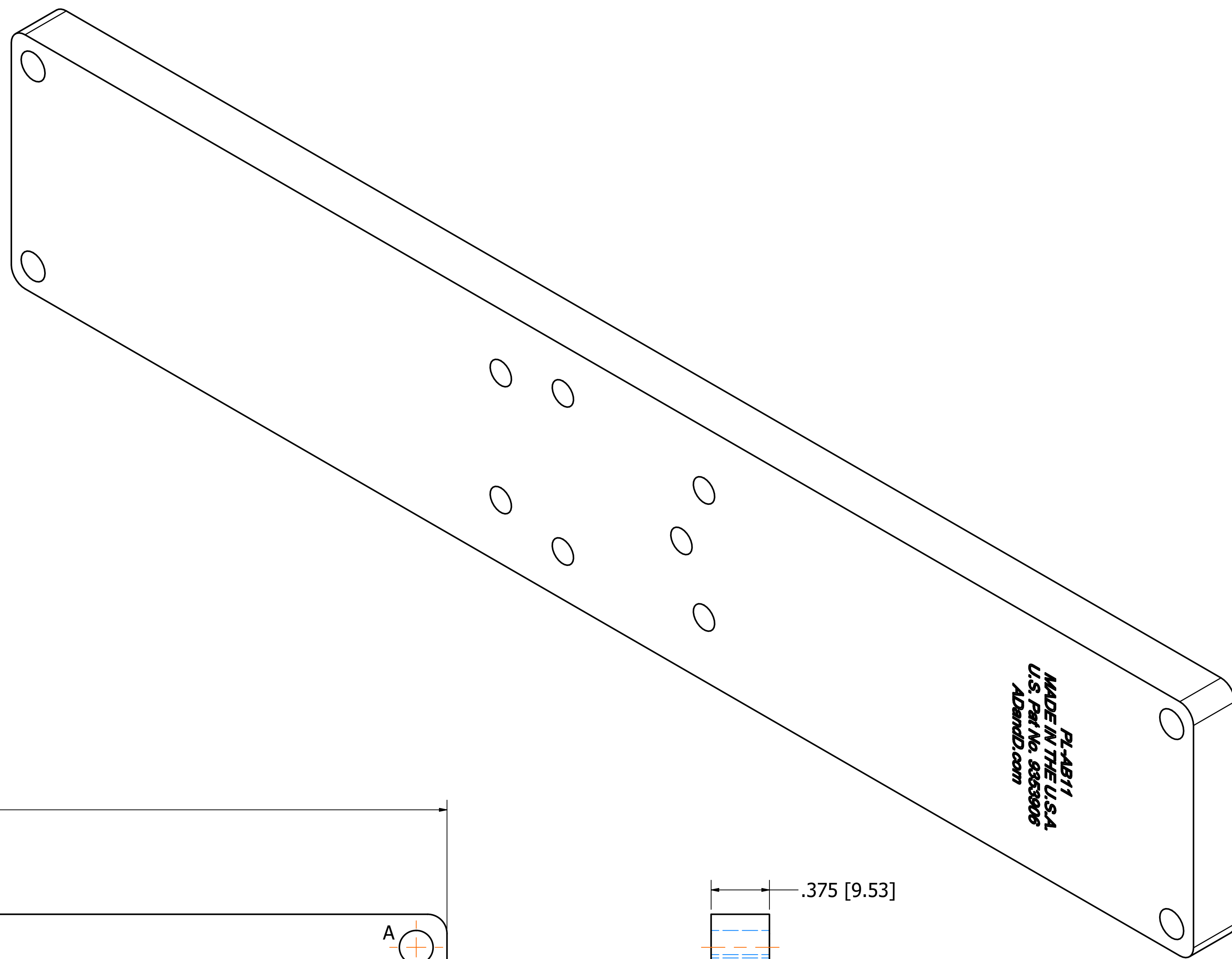
PL ADAPTER BRACKET AB10

PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

MATERIAL:	DESIGNED BY: S. RILEY
FINISH:	DRAWN BY: S. RILEY
WT.(LBS): 0.558 lbmass	DRAWN DATE: 5/29/2020
SHEET. SIZE: D	SCALE: 2 / 1
DETAIL NO. PL-AB10	REV. A

APPLICABLE PRODUCTS

PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
LMI #GOCATOR 2150 / 2350	(4) S.H.C.S. - M5-0.8mm X 18mm 18-8SS	A
LMI #GOCATOR 2170 / 2370	(4) S.H.C.S. - M5-0.8mm X 18mm 18-8SS	A
LMI #GOCATOR 2175 / 2375	(4) S.H.C.S. - M5-0.8mm X 18mm 18-8SS	A
LMI #GOCATOR 2180 / 2380	(4) S.H.C.S. - M5-0.8mm X 18mm 18-8SS	A
LMI #GOCATOR 2490	(4) S.H.C.S. - M5-0.8mm X 18mm 18-8SS	A
AD&D #HDPL-BALLBASE	(4) S.H.C.S. - M6-1.0mm X 16mm 18-8SS	B
AD&D #PL-BALLBASE	(3) S.H.C.S. - M6-1.0mm X 10mm 18-8SS	C

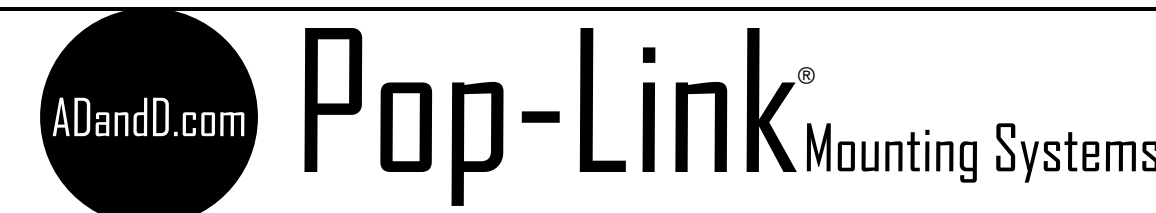


PL-AB11
MADE IN THE U.S.A.
U.S. Pat No. 9353906
ADandD.com

PL-AB11
MADE IN THE U.S.A.
U.S. Pat No. 9353906
ADandD.com

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	DESCRIPTION	DATE	APPROVED BY

REVISIONS

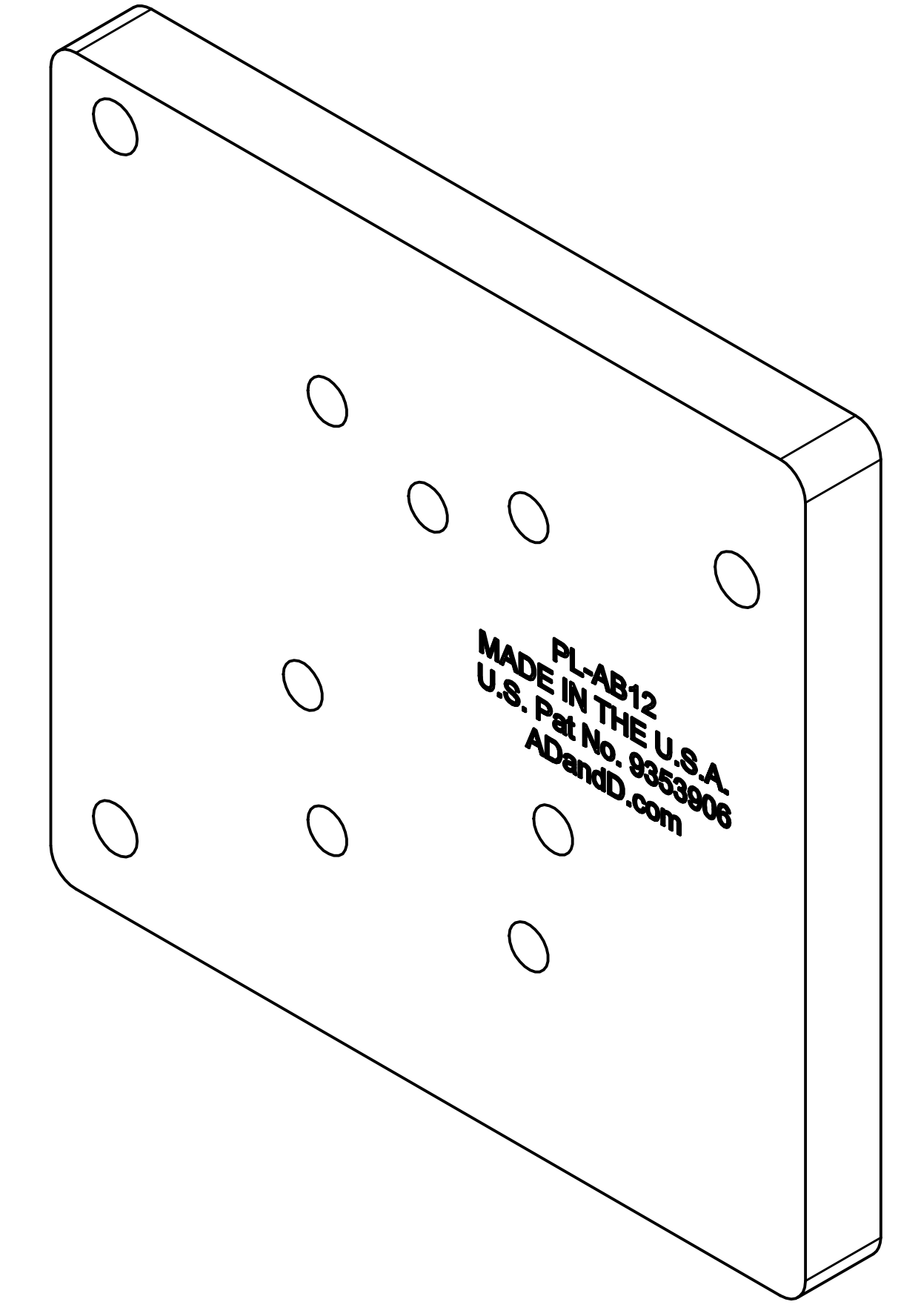
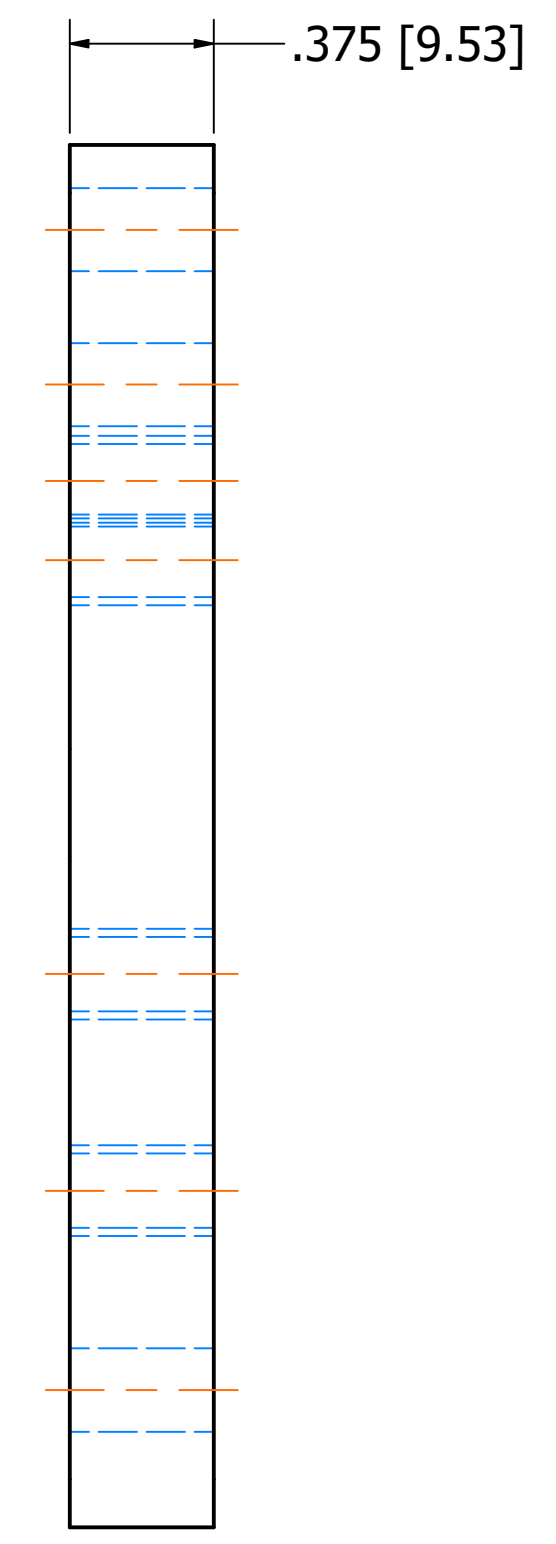
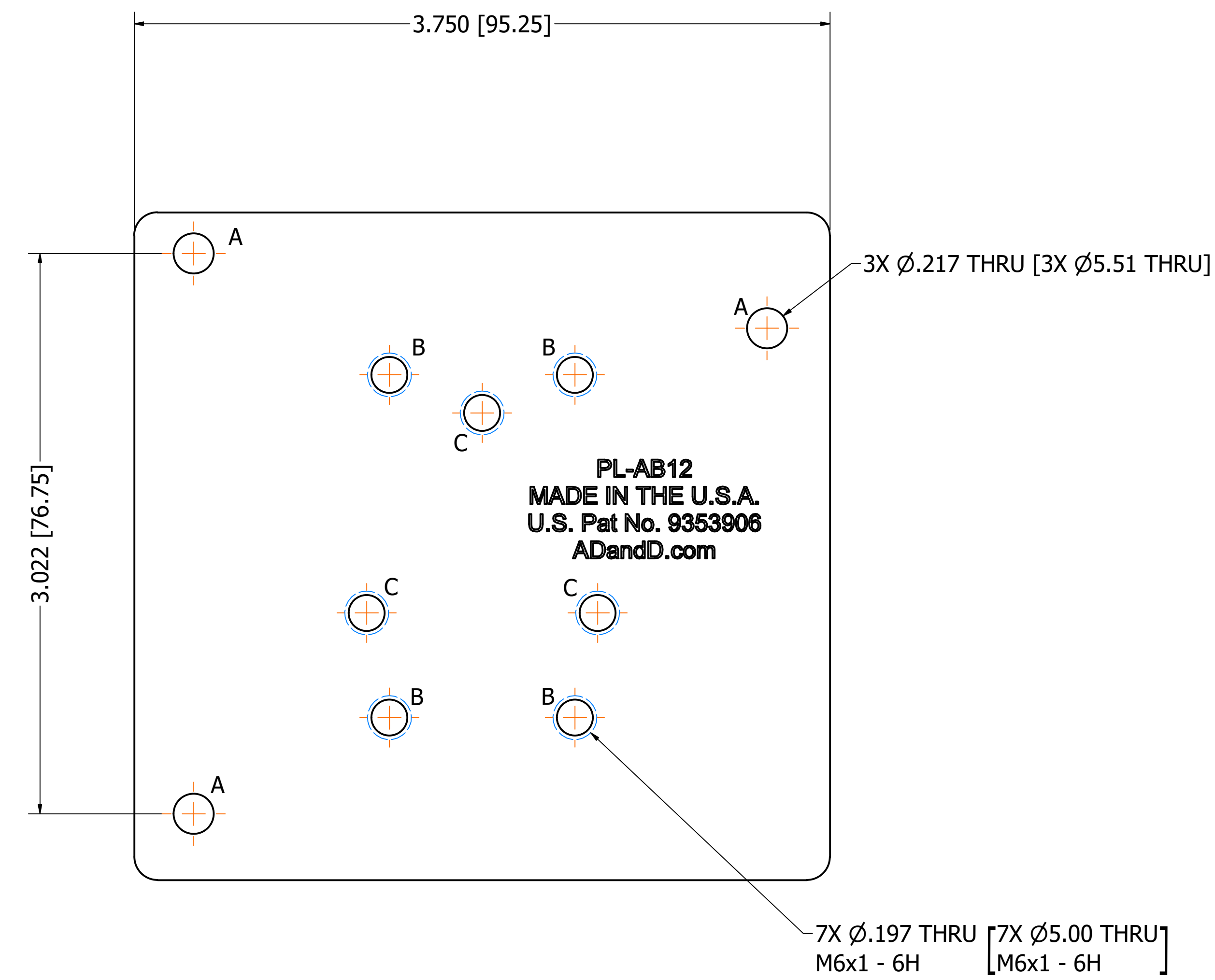


PL ADAPTER BRACKET AB11

PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

MATERIAL:	DESIGNED BY: S. RILEY
FINISH:	DRAWN BY: S. RILEY
WT.(LBS): 0.773 lbmass	DRAWN DATE: 5/29/2020
SHEET. SIZE: D	SCALE: 2 / 1
DETAIL NO. PL-AB11	REV. A

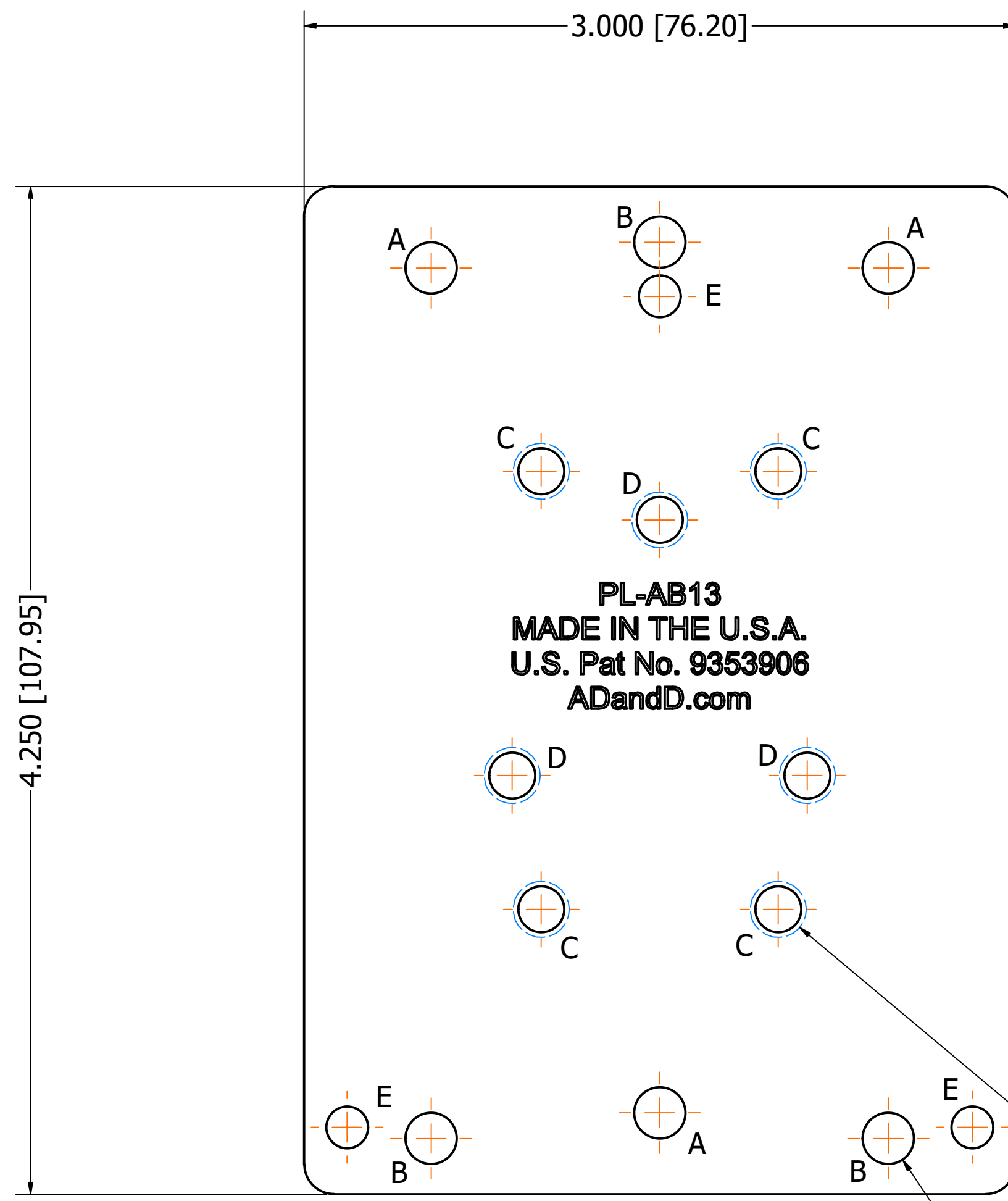
APPLICABLE PRODUCTS		
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
COGNEX # DS910B	(3) S.H.C.S. - M5-0.8mm X 45mm 18-8SS (3) JAM NUT - M5-0.8mm 18-8SS	A
COGNEX #DS925B	(3) S.H.C.S. - M5-0.8mm X 45mm 18-8SS (3) JAM NUT - M5-0.8mm 18-8SS	A
MICRO EPSILON SCAN CONTROL 25XX_26XX_29XX	(3) S.H.C.S. - M5-0.8mm X 45mm 18-8SS (3) JAM NUT - M5-0.8mm 18-8SS	A
AD&D #HDPL-BALLBASE	(3) JAM NUT - M5-0.8mm 18-8SS	B
AD&D #PL-BALLBASE	(3) S.H.C.S. - M6-1.0mm X 10mm 18-8SS	C



ZONE	REV	DESCRIPTION	DATE	APPROVED BY
A		RELEASED TO PRODUCTION	3/6/2020	S. RILEY
REVISIONS				
Pop-Link Mounting Systems				
PL ADAPTER BRACKET AB12				
MATERIAL:		DESIGNED BY: S. RILEY		
FINISH:		DRAWN BY: S. RILEY		
WT.(LBS): 0.482 lbmass		DRAWN DATE: 5/29/2020		
		SHEET. SIZE: D	SCALE: 2 / 1	
DETAIL NO. PL-AB12				REV. A

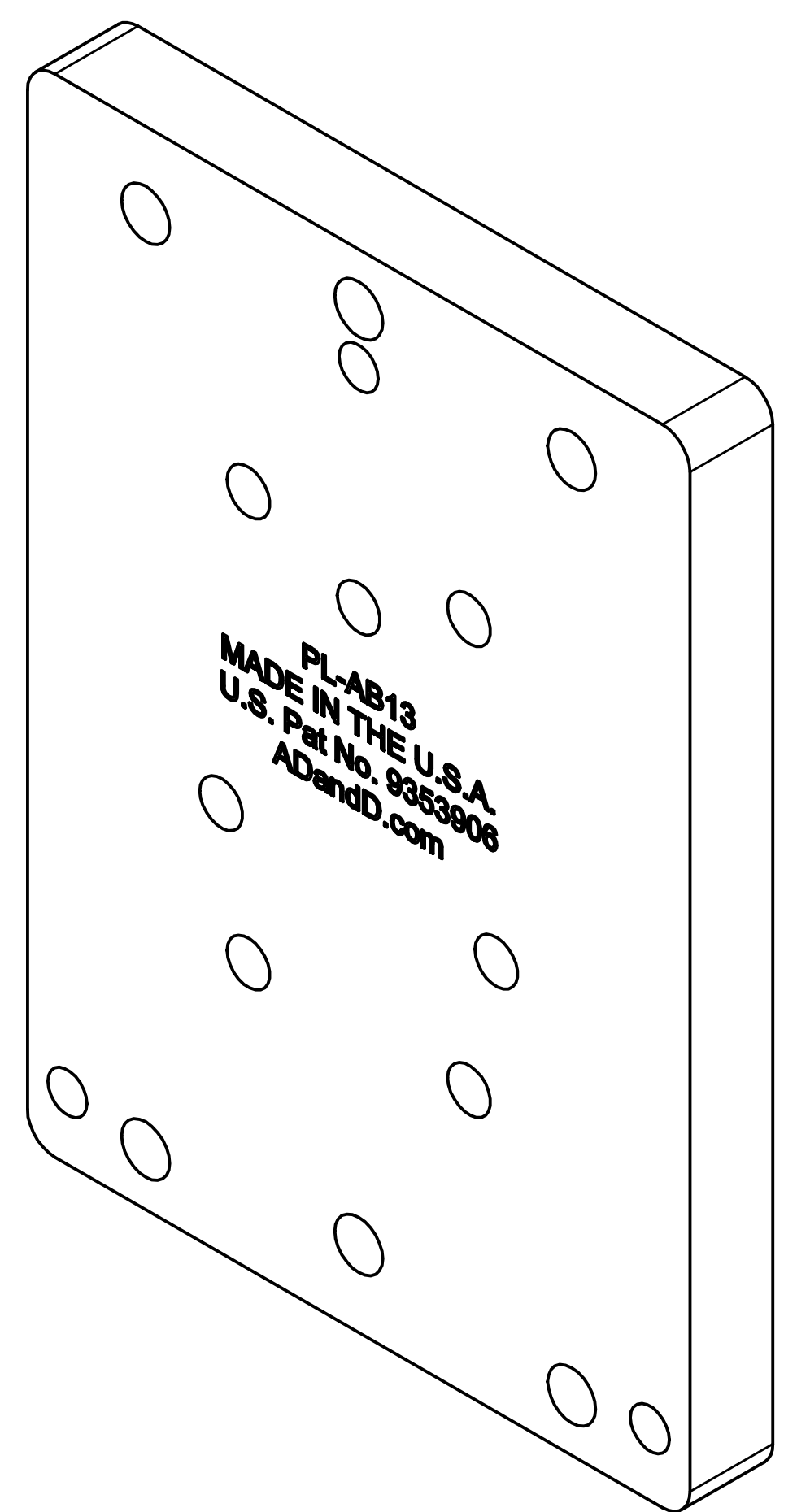
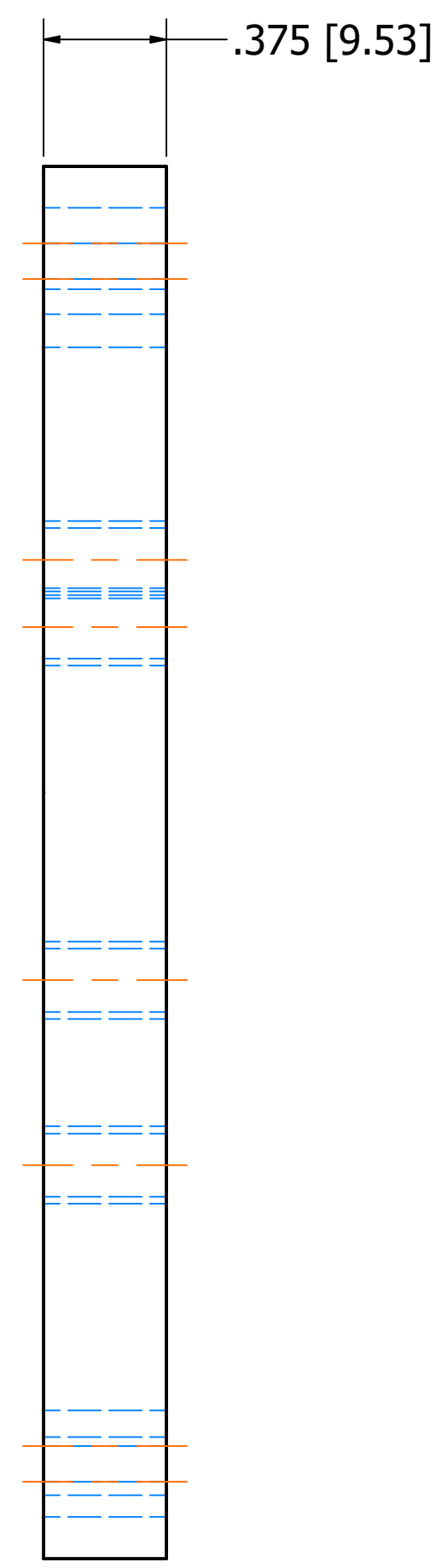
PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. \pm .030	FLATNESS
3 PLACE DEC. \pm .005	STRAIGHTNESS
4 PLACE DEC. \pm .0005	CIRCULARITY
ANGLES \pm 1'	CYLINDRICITY
	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

APPLICABLE PRODUCTS		
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
COGNEX #DSMAX	(3) S.H.C.S. - M5-0.8mm X 16mm 18-8SS	A,B
MICRO EPSILON OPTO NCDT 1750_1750DR_2300	(3) S.H.C.S. - M4-1.0mm X 45mm 18-8SS (3) JAM NUT - M4-0.8mm 18-8SS	E
AD&D #HDPL-BALLBASE	(4) S.H.C.S. - M6-1.0mm X 16mm 18-8SS	C
AD&D #PL-BALLBASE	(3) S.H.C.S. - M6-1.0mm X 10mm 18-8SS	D



7X ϕ .197 THRU [7X ϕ 5.00 THRU]
M6x1 - 6H [M6x1 - 6H]

6X ϕ .217 THRU [6X ϕ 5.51 THRU]

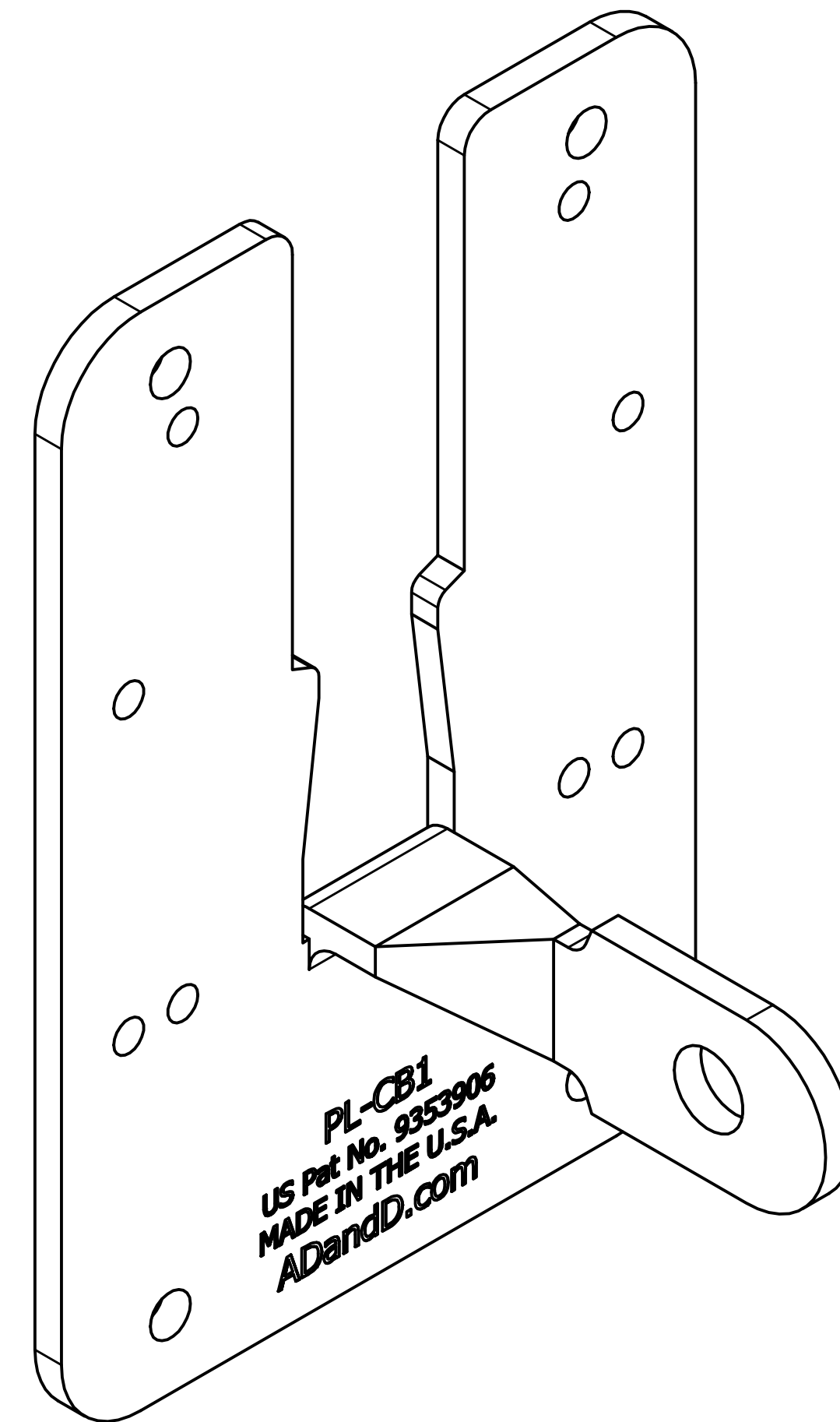
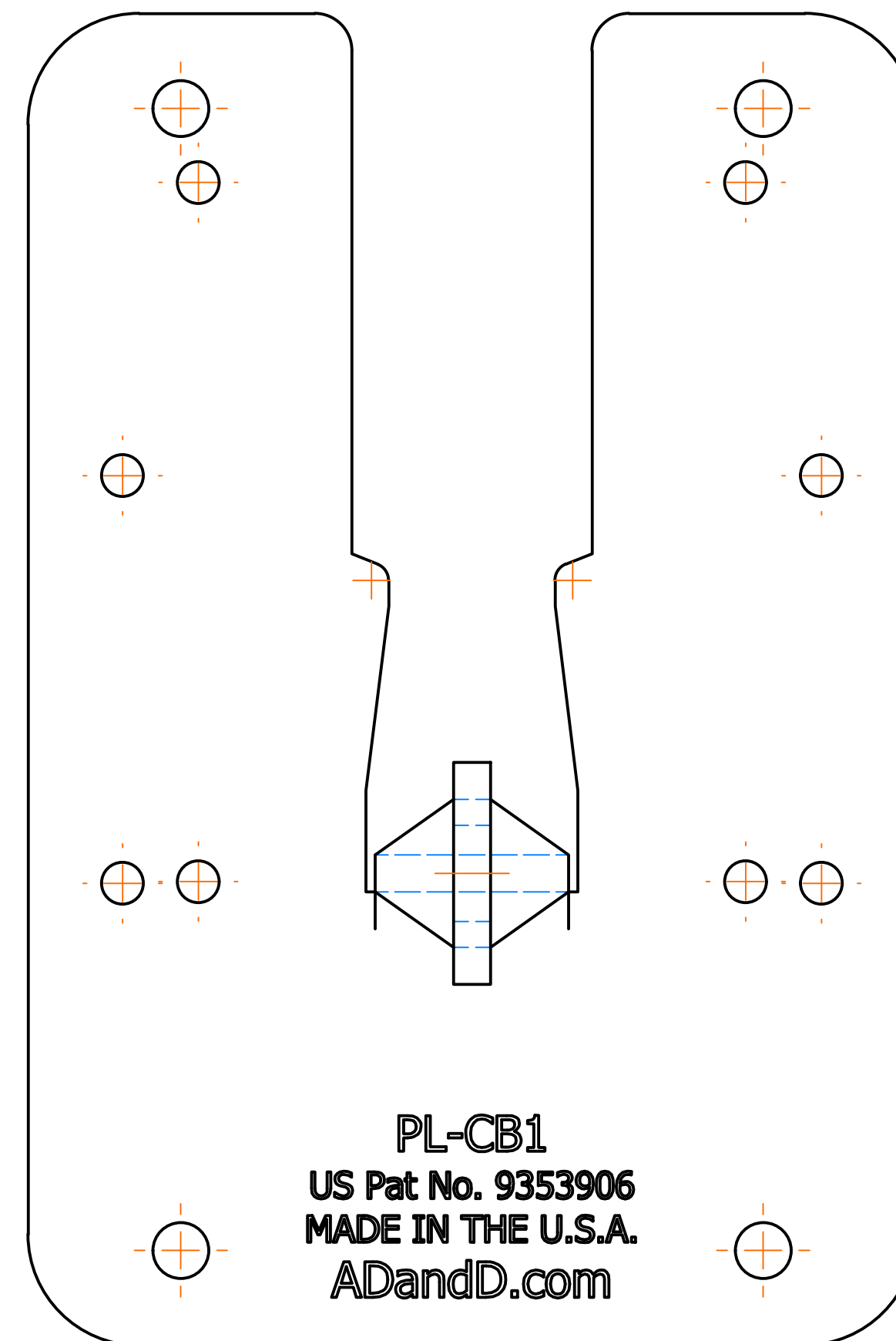
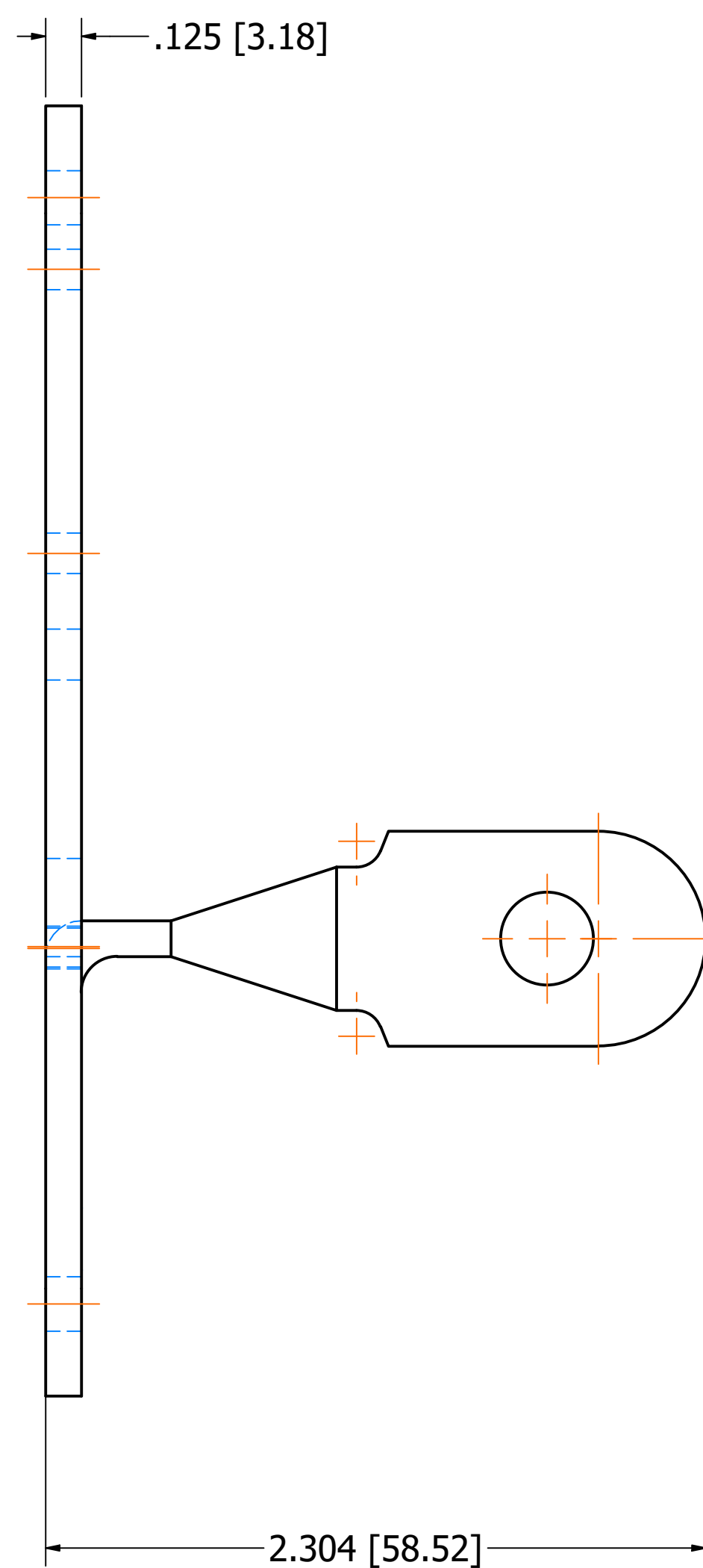
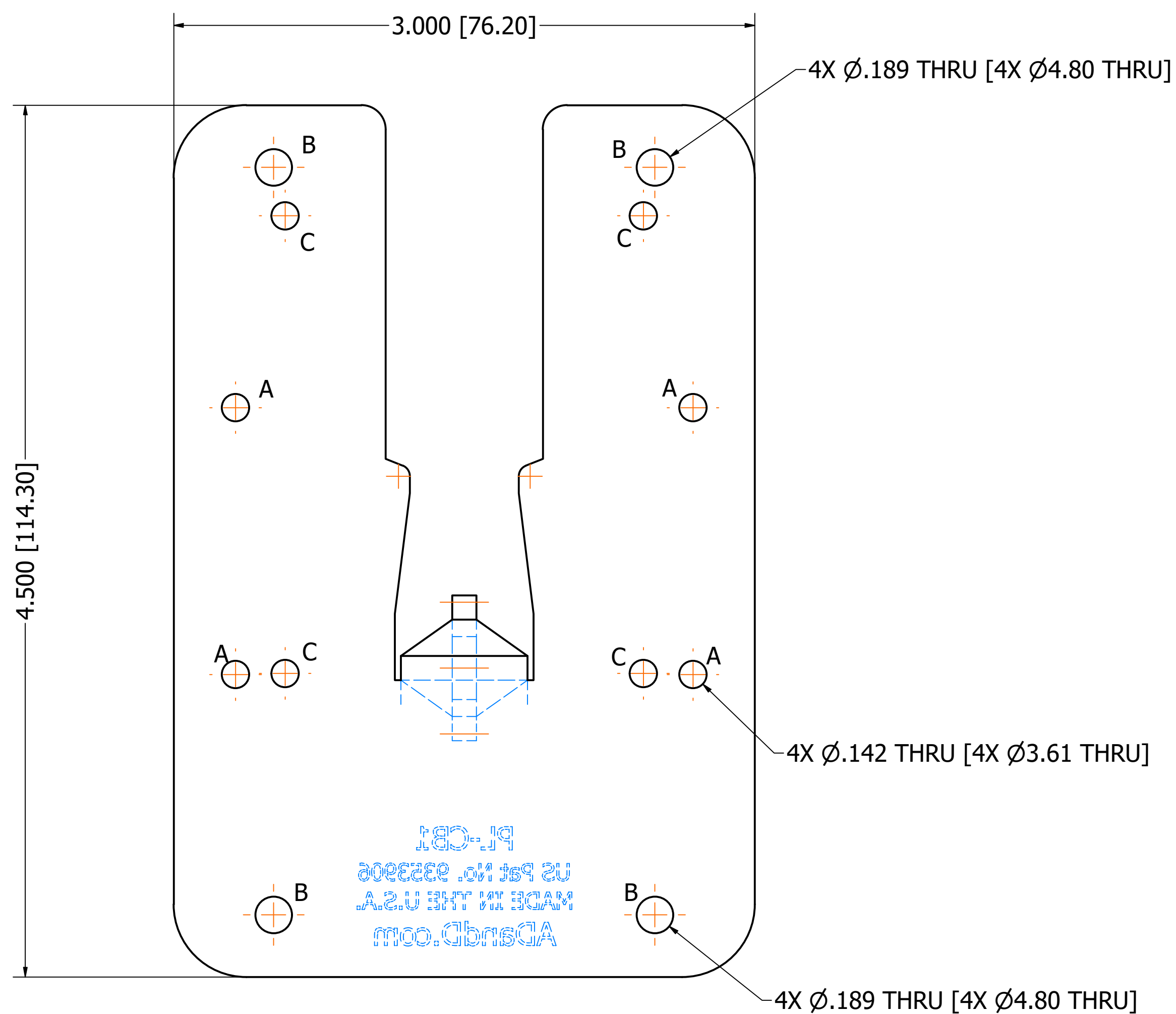


PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. \pm .030	FLATNESS
3 PLACE DEC. \pm .005	STRAIGHTNESS
4 PLACE DEC. \pm .0005	CIRCULARITY
ANGLES \pm 1'	CYLINDRICITY
	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE
REVISIONS			
Pop-Link Mounting Systems			
PL ADAPTER BRACKET AB13			
MATERIAL:		DESIGNED BY: S. RILEY	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.448 lbmass		DRAWN DATE: 5/29/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-AB13			REV. A

APPLICABLE PRODUCTS




PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
COGNEX INSIGHT 5000 SERIES CAMERA	(4) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	A
COGNEX INSIGHT 9000 SERIES CAMERA	(4) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	A
COGNEX INSIGHT D900 SERIES CAMERA	(4) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	A
COGNEX DM500 SERIES READER	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	B
BANNER VE SERIES CAMERA	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	C

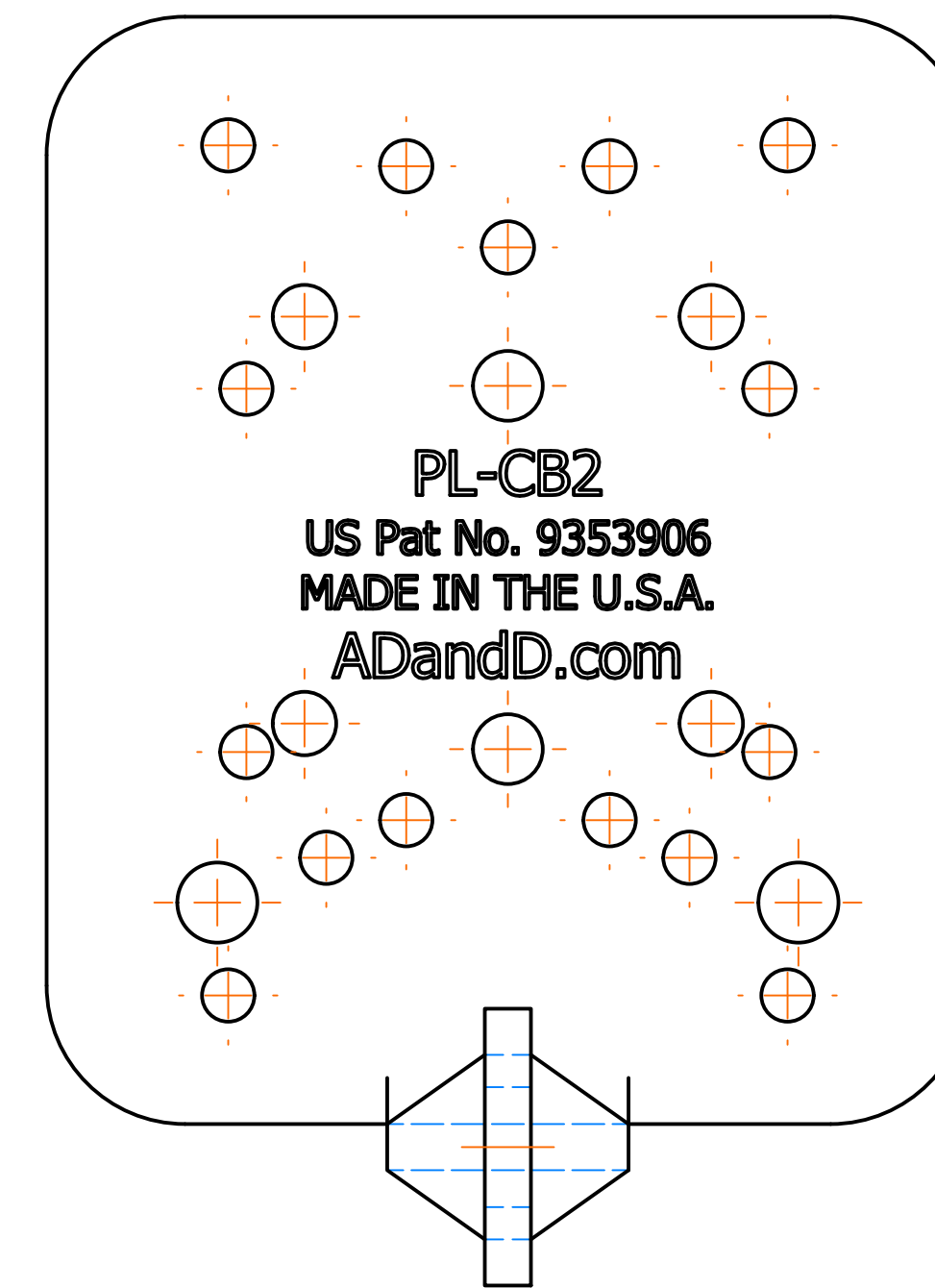
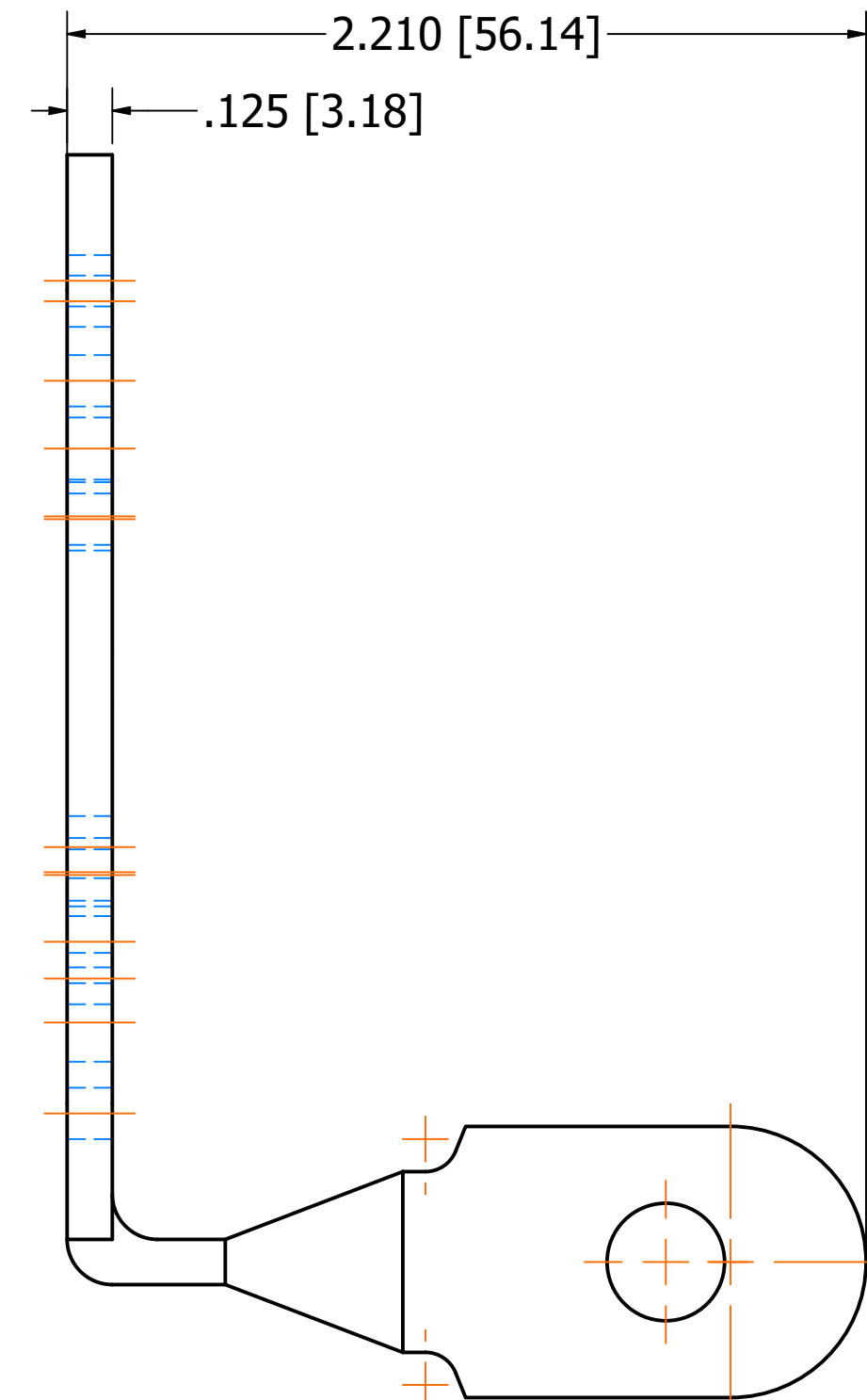
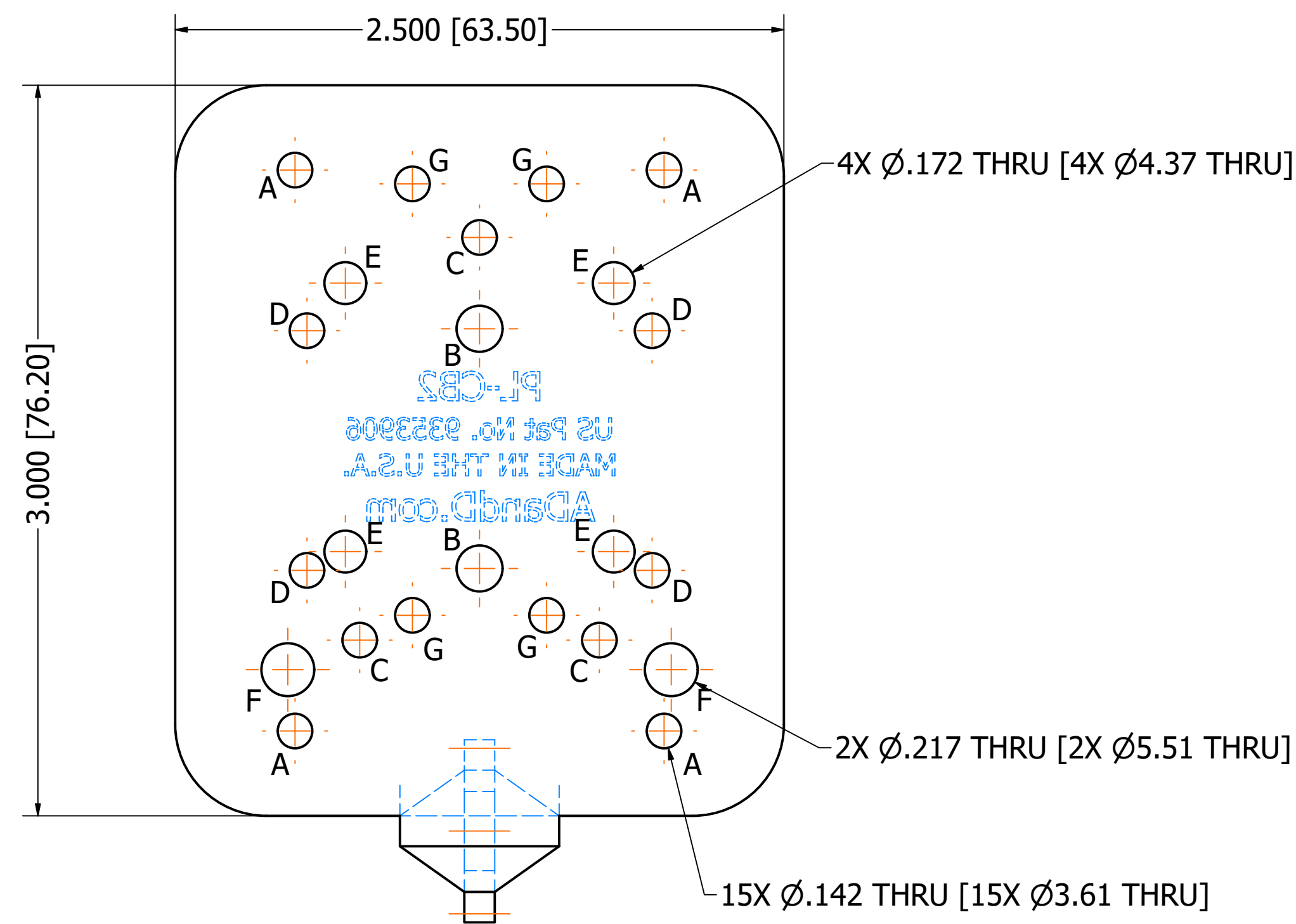
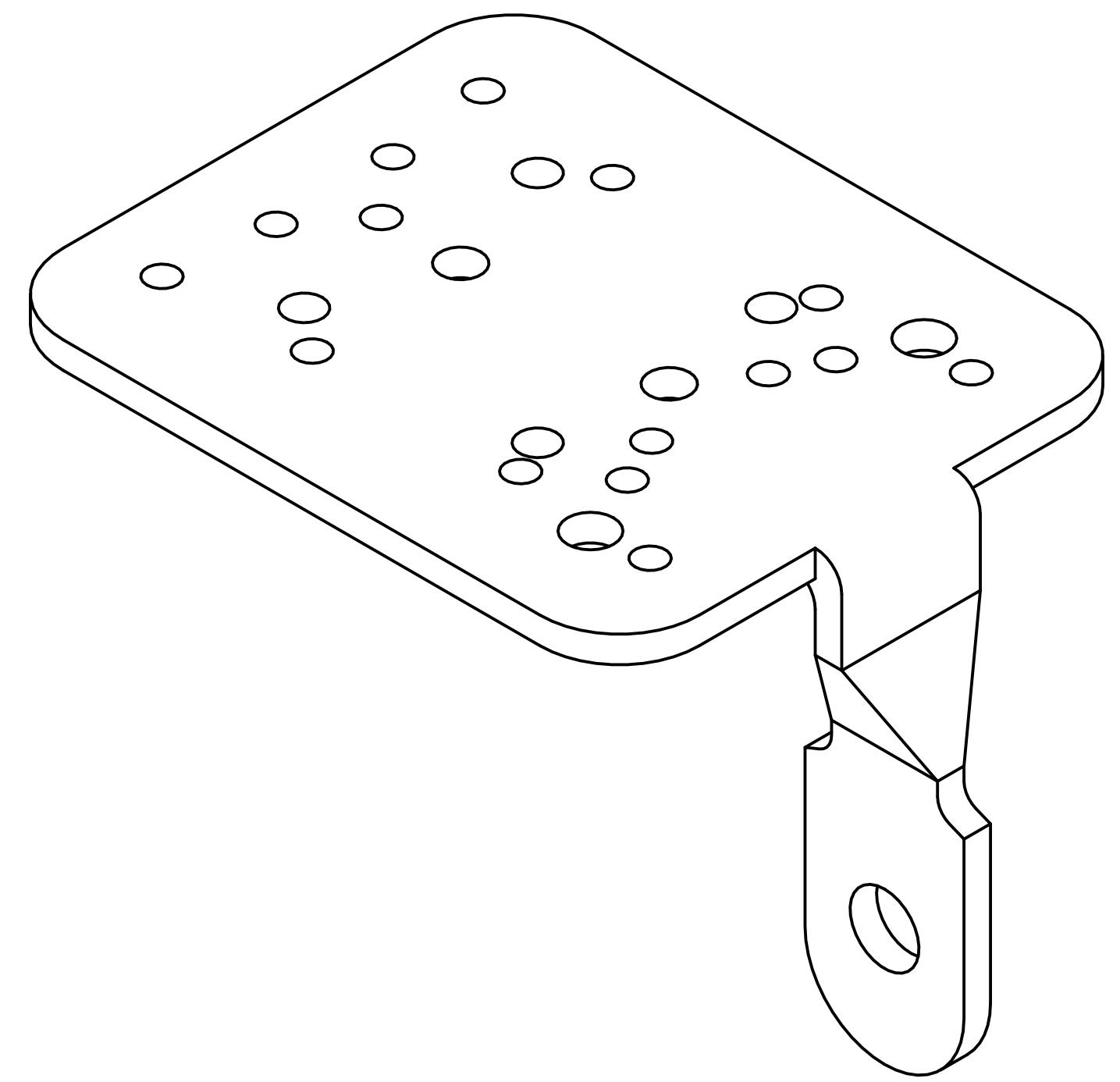


PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE
REVISIONS			
Pop-Link Mounting Systems			
POP-LINK CAMERA BRACKET 1			
MATERIAL:		DESIGNED BY: jsmith	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.450 lbmass		DRAWN DATE: 5/8/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-CB1			REV. A


APPLICABLE PRODUCTS

PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
Cognex Insight 7000 Series Camera	(4) S.H.C.S - M3-0.5mm X 6mm 18-8SS	A
Flir Ax5 Series Camera 	(4) S.H.C.S - M3-0.5mm X 6mm 18-8SS	G
IFM O3D3xx Sensor 	(2) S.H.C.S. - M5-0.8mm X 80mm 18-8SS (2) JAM NUT - M5-0.8mm 18-8SS	F
Keyence IV Vision Sensor	(2) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	B
Keyence SR-D100 Reader	(4) S.H.C.S - M3-0.5mm X 6mm 18-8SS	C
Keyence SR-500 Reader	(3) S.H.C.S - M3-0.5mm X 6mm 18-8SS	D
Keyence SR-750 Reader	(4) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	E
Keyence SR-1000 Reader 	(4) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	E
Keyence SR-2000 Reader	(4) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	E




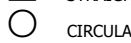
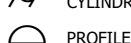
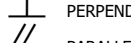
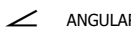

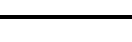

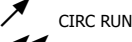
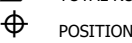
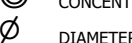
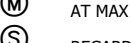
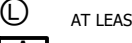
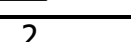

ZONE	REV	DESCRIPTION	DATE	APPROVED BY
D		ADDED FLIR Ax5 SERIES CAMERA	3/05/2020	S. RILEY
C		ADDED IFM O3D3xx SENSOR	8/01/2018	S. RILEY
B		ADDED KEYENCE SR-1000 READER	3/30/2017	S. RILEY
A		RELEASED TO PRODUCTION		S. RILEY

REVISIONS



Pop-Link[®] Mounting Systems

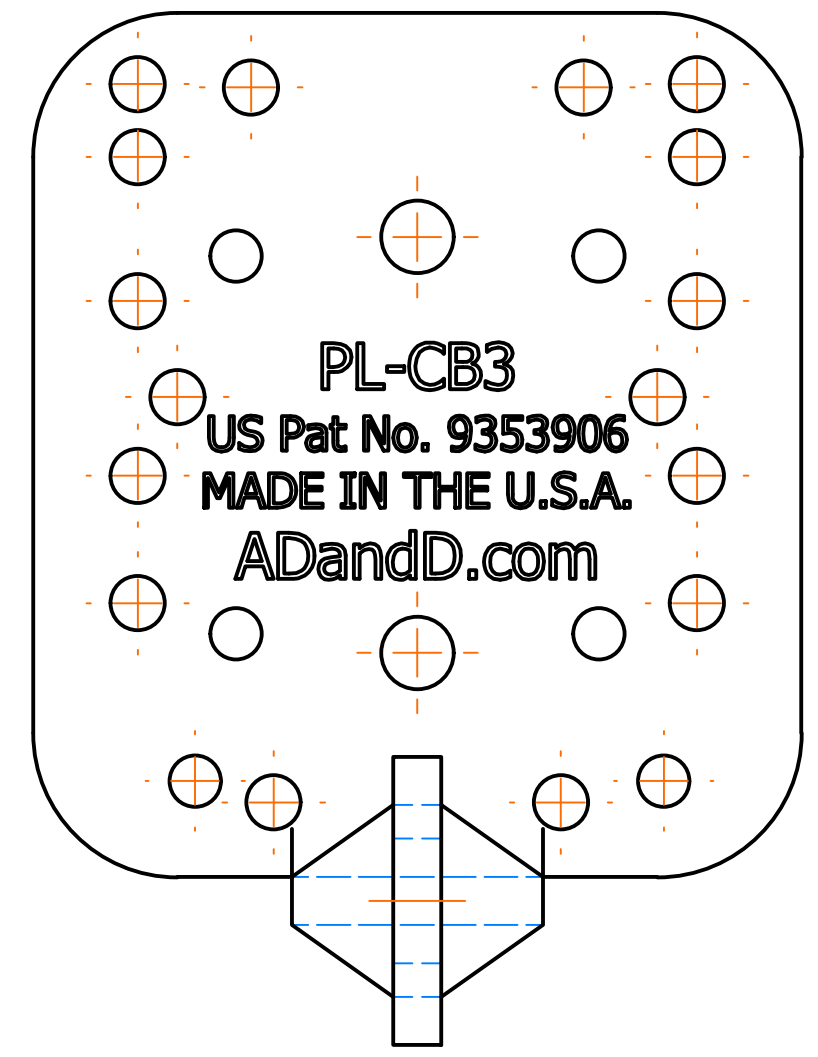
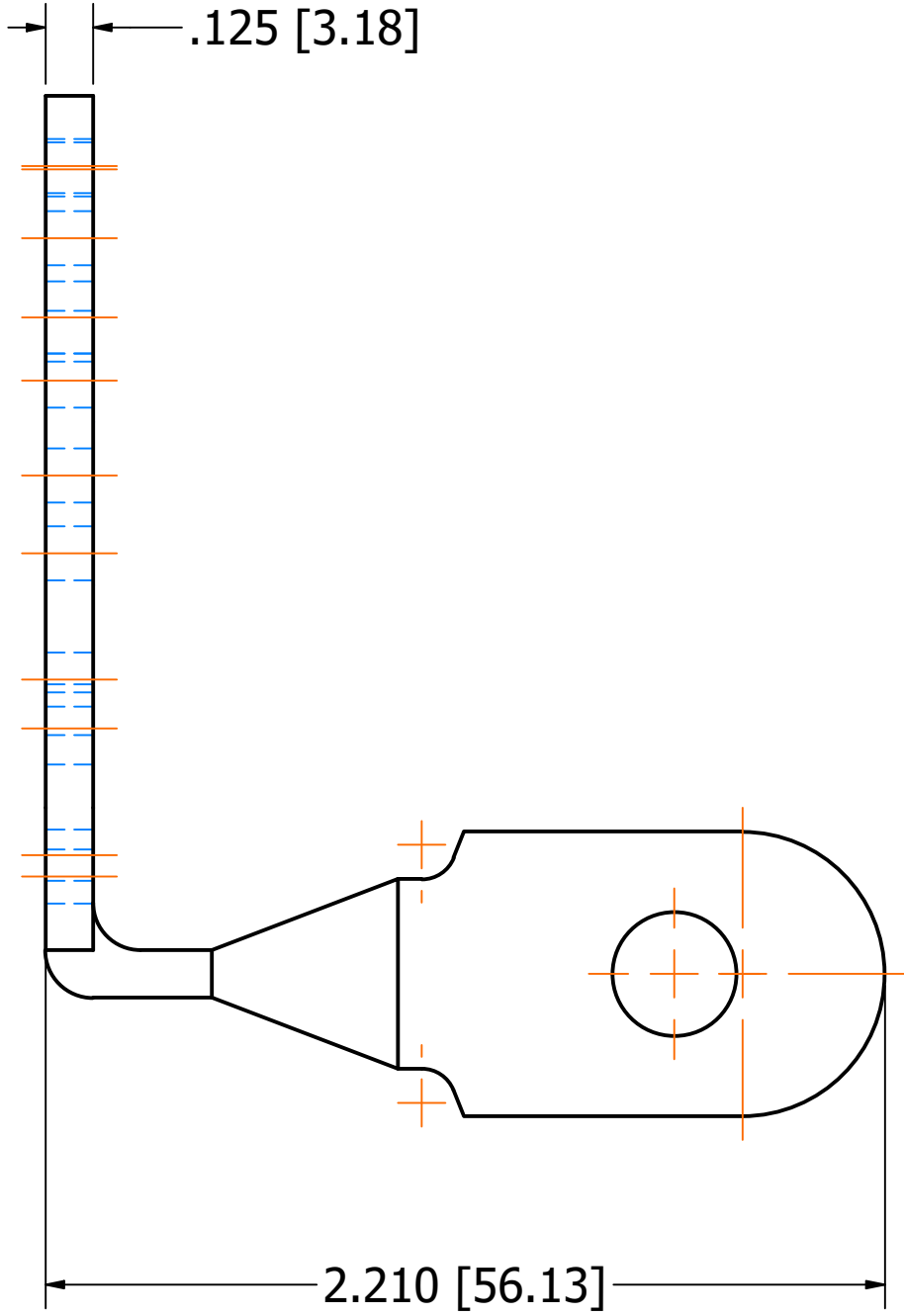
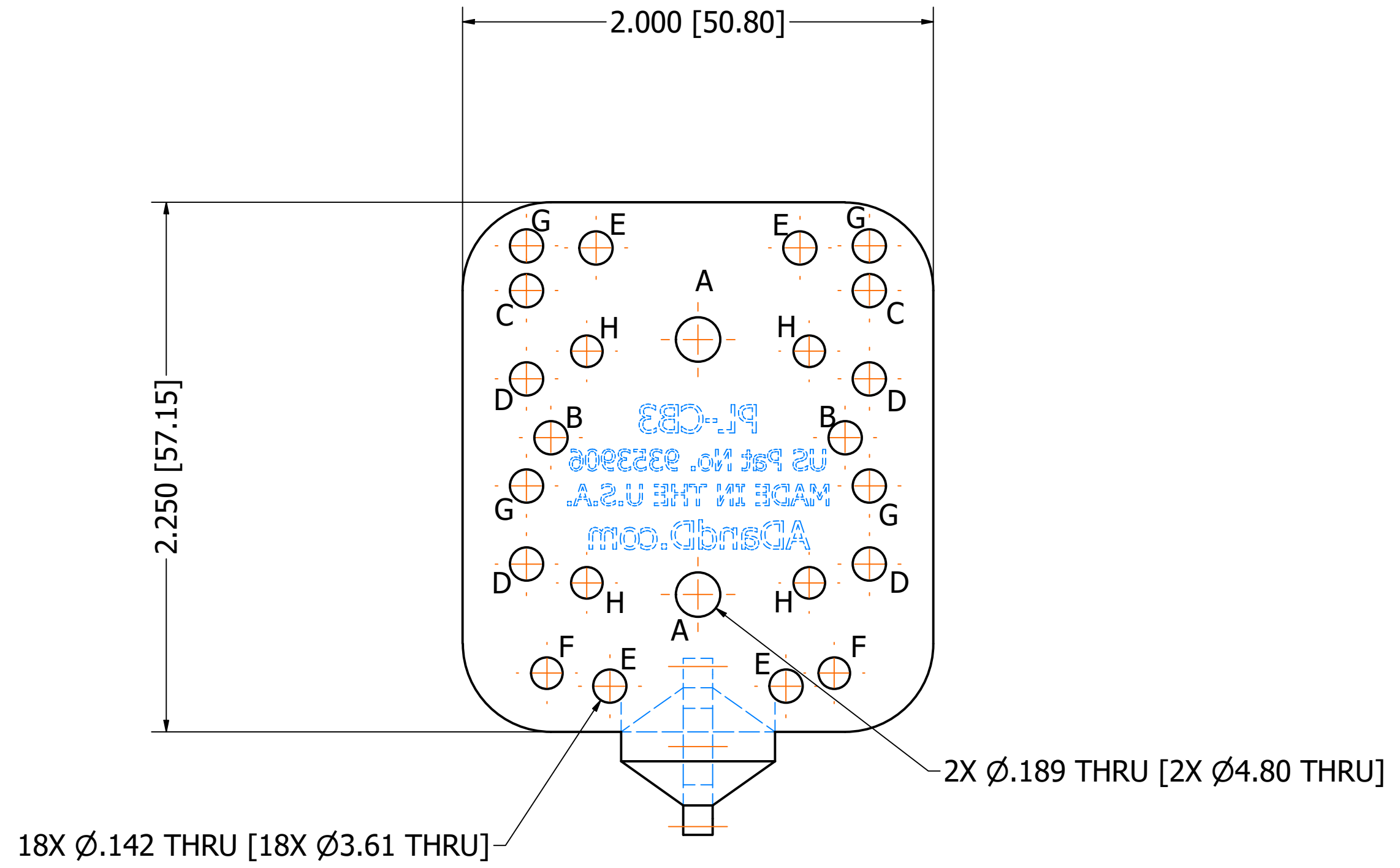
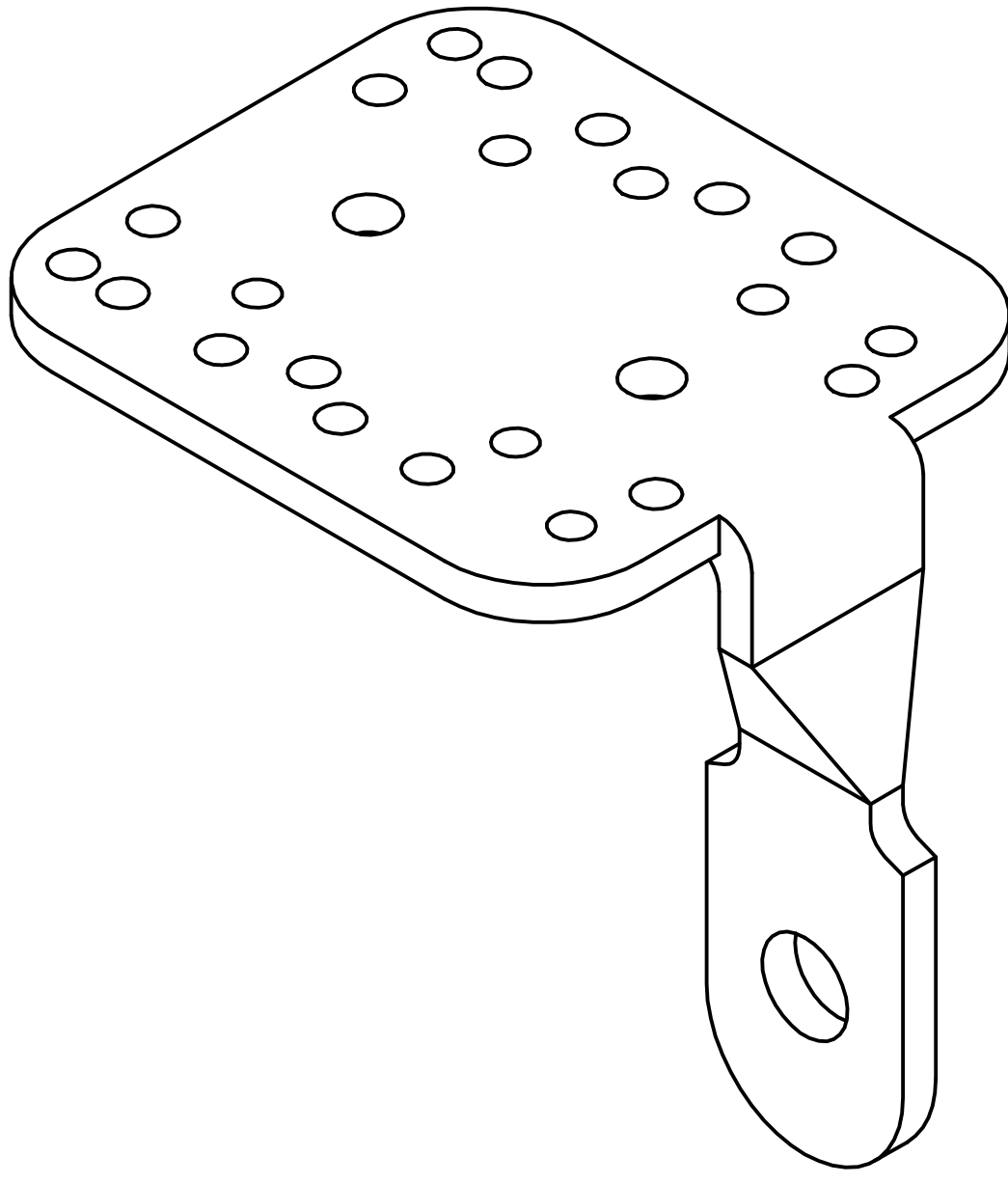
POP-LINK CAMERA BRACKET 2

PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	 FLATNESS
3 PLACE DEC. ± .005	 STRAIGHTNESS
4 PLACE DEC. ± .0005	 CIRCULARITY
ANGLES ± 1°	 CYLINDRICITY
THIRD ANGLE PROJECTION	 PROFILE OF A SURFACE
	 PERPENDICULARITY
	 PARALLELISM
	ANGULARITY
	 CIRC RUNOUT
	 TOTAL RUNOUT
	 POSITION
	 CONCENTRICITY
	 DIAMETER
	 AT MAX MATL. CONDITION
	 REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

MATERIAL:	DESIGNED BY: jsmith
FINISH:	DRAWN BY: S. RILEY
WT.(LBS): 0.303 lbmass	DRAWN DATE: 5/8/2020
SHEET. SIZE: D	SCALE: 2 / 1
DETAIL NO. PL-CB2	REV. D

APPLICABLE PRODUCTS

PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
COGNEX 4G CHECKER CAMERA	(2) S.H.C.S. - M4-0.7mm X 6mm 18-8SS	A
COGNEX DM50 READER	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	B
COGNEX DM60 READER	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	B
COGNEX DM200 READER	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	C
COGNEX DM300 READER	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	D
COGNEX INSIGHT 2000 (RIGHT ANGLE CONFIG.)	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	D
COGNEX INSIGHT 2000 (IN-LINE CONFIG.)	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	G
COGNEX MICRO SERIES	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	E
COGNEX DATAMAN 150/260	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	D
COGNEX DATAMAN 150/260 (RIGHT ANGLE CONFIG.)	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	G
COGNEX DATAMAN 70	(2) S.H.C.S. - M3-0.5mm X 30mm 18-8SS (2) JAM NUT - M3-0.5mm 18-8SS	C
HONEYWELL VUQUEST 3310G	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	F
HONEYWELL VUQUEST 3320G	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	F
HONEYWELL VUQUEST 3330G	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	F
IDS-UI 3040	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	H
SENSOPART V10 SERIES	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	A
SENSOPART V20 SERIES	(2) S.H.C.S. - M4-0.7mm X 6mm 18-8SS	A



A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE APPROVED BY

REVISIONS

Pop-Link[®] Mounting Systems

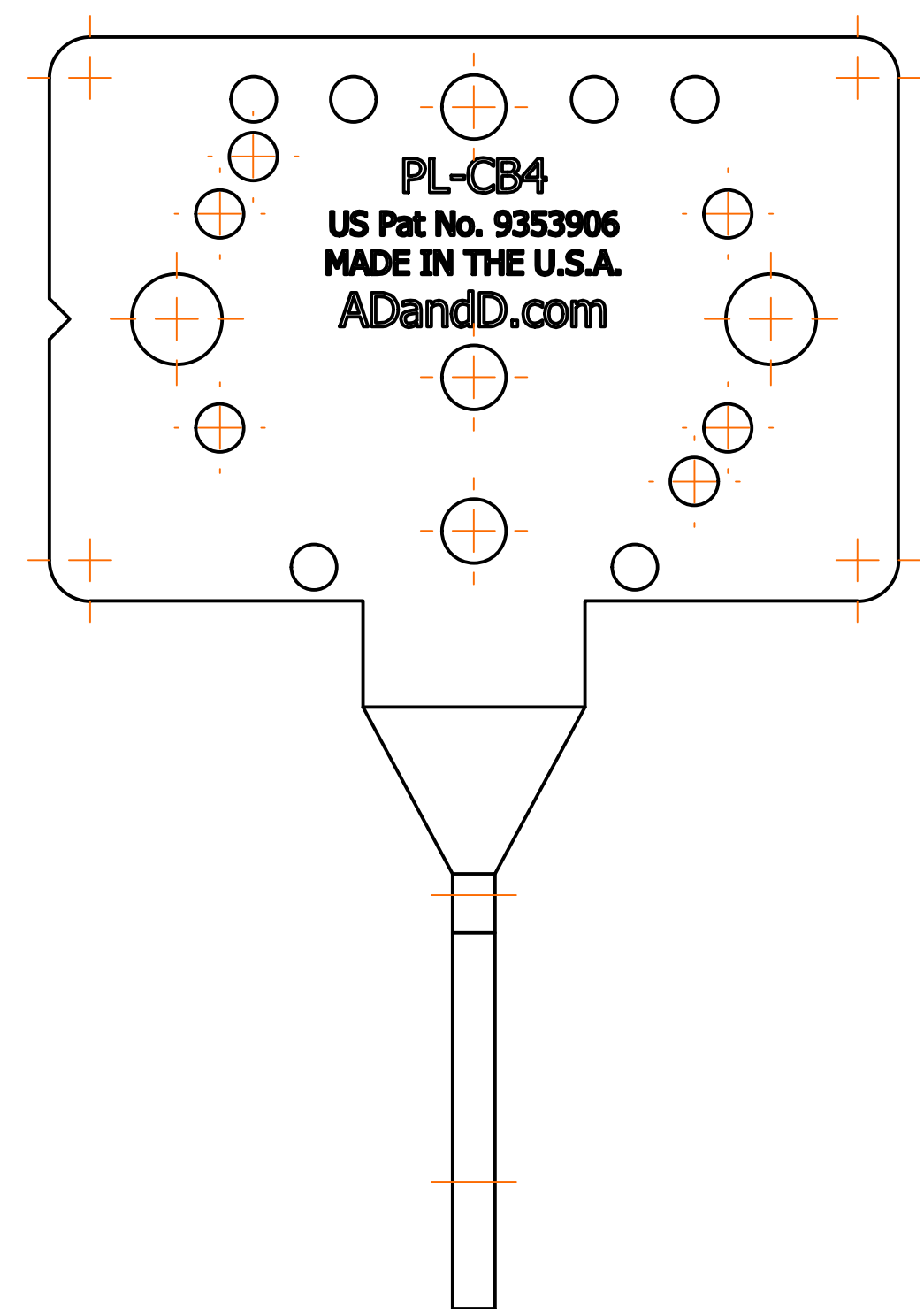
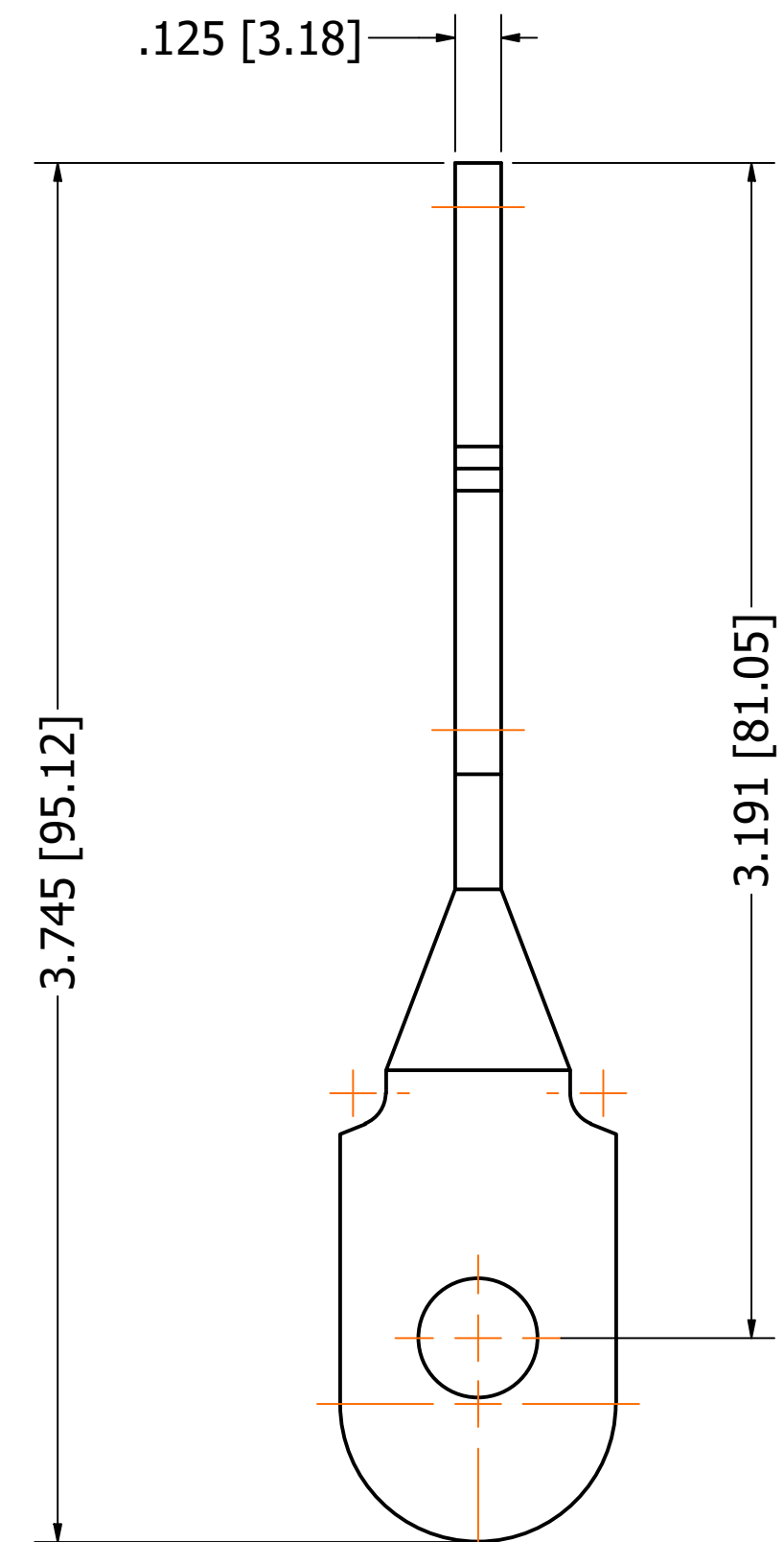
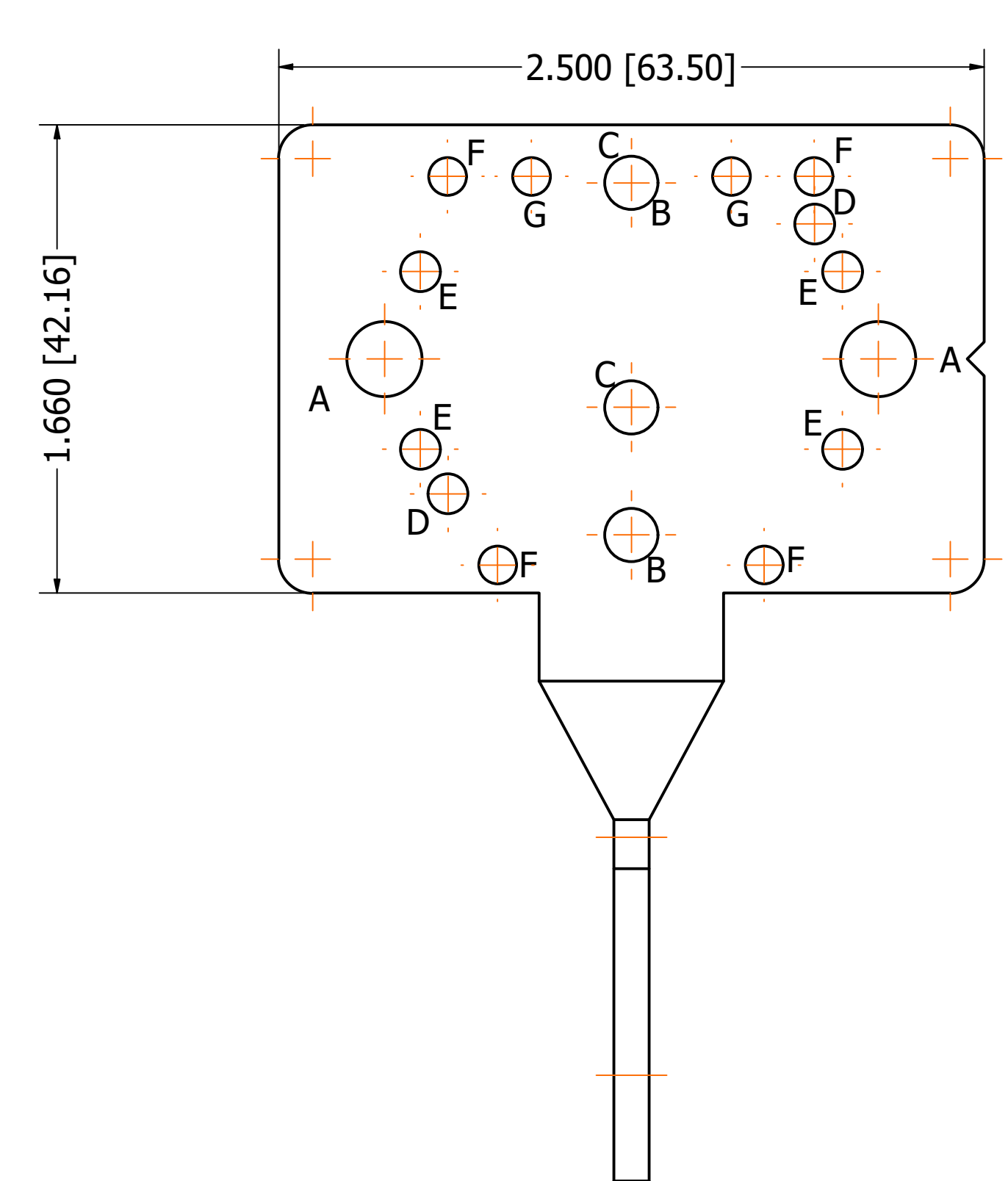
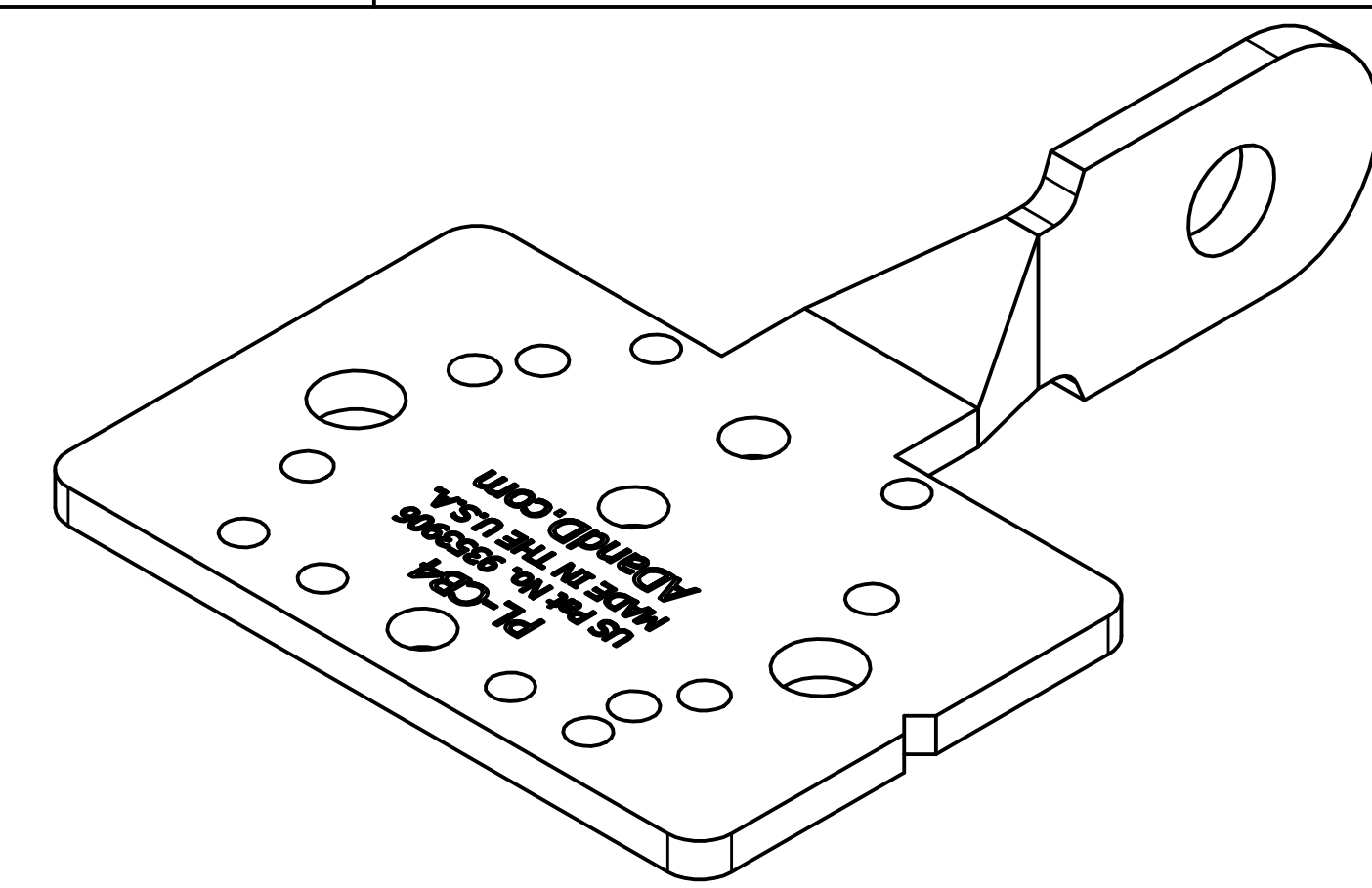
PL CAMERA BRACKET 3

MATERIAL:	DESIGNED BY: jsmith
FINISH:	DRAWN BY: S. RILEY
WT.(LBS): 0.197 lbmass	DRAWN DATE: 5/8/2020
SHEET. SIZE: D	SCALE: 2 / 1


PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

DETAIL NO. PL-CB3	REV. A
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APPLICABLE PRODUCTS		
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
BANNER PRESENCEPLUS4 CAMERA	(2) S.H.C.S. - M6-1.0mm X 16mm 18-8SS POP-LINK (2) JAM NUT - M6-1.0mm 18-8SS POP-LINK	A
KEYENCE #CA-035 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	G
KEYENCE #CA-H035 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	G
KEYENCE #CA-200 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	G
KEYENCE #CA-H200 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	G
KEYENCE #CA-HL02MX CAMERA	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	F
KEYENCE #CA-H2100 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	F
KEYENCE #CV-035 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	G
KEYENCE #CV-H035 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	G
KEYENCE #CV-H100 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	G
KEYENCE #CV-200 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	B
KEYENCE #CV-H200 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	F
KEYENCE #CV-500 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	B
KEYENCE #CV-H500 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	G
KEYENCE SR-600 READER	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	D
KEYENCE #XG-HL02/04/08 CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	F
KEYENCE #XG-035 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	B
KEYENCE #XG-H035 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	G
KEYENCE #XG-H100 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	G
KEYENCE #XG-200 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	B
KEYENCE #XG-H200 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	G
KEYENCE #XG-H500 M/C CAMERA	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	G
MICROSCAN MICROHAWK ID-30	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	E
MICROSCAN MICROHAWK ID-40	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS POP-LINK	E

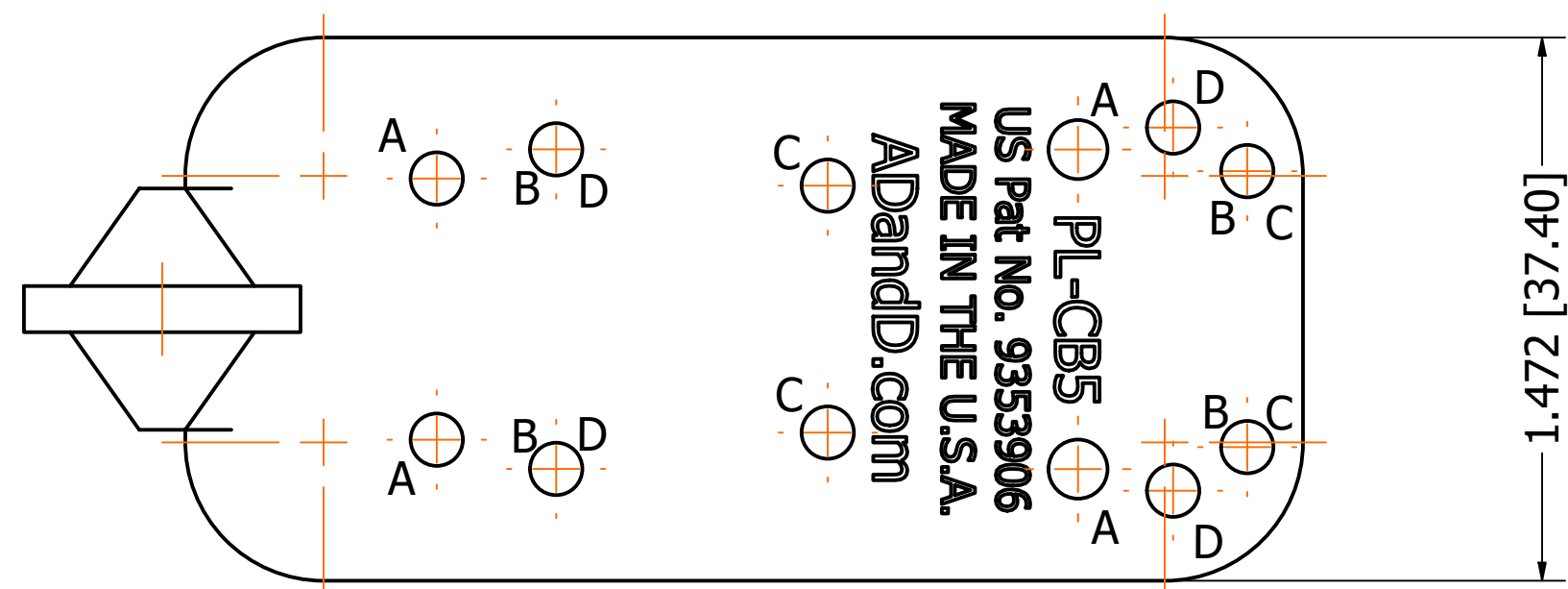
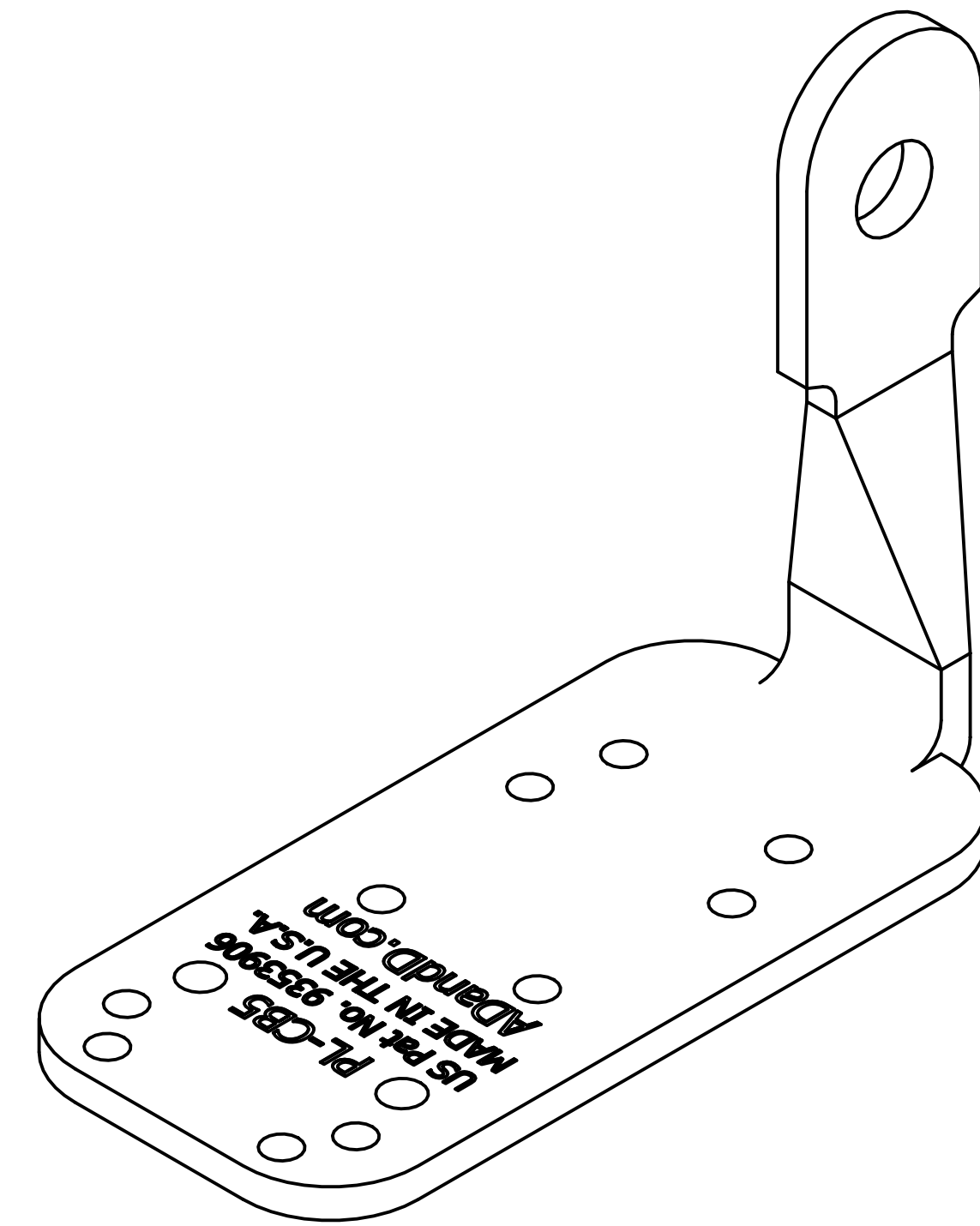
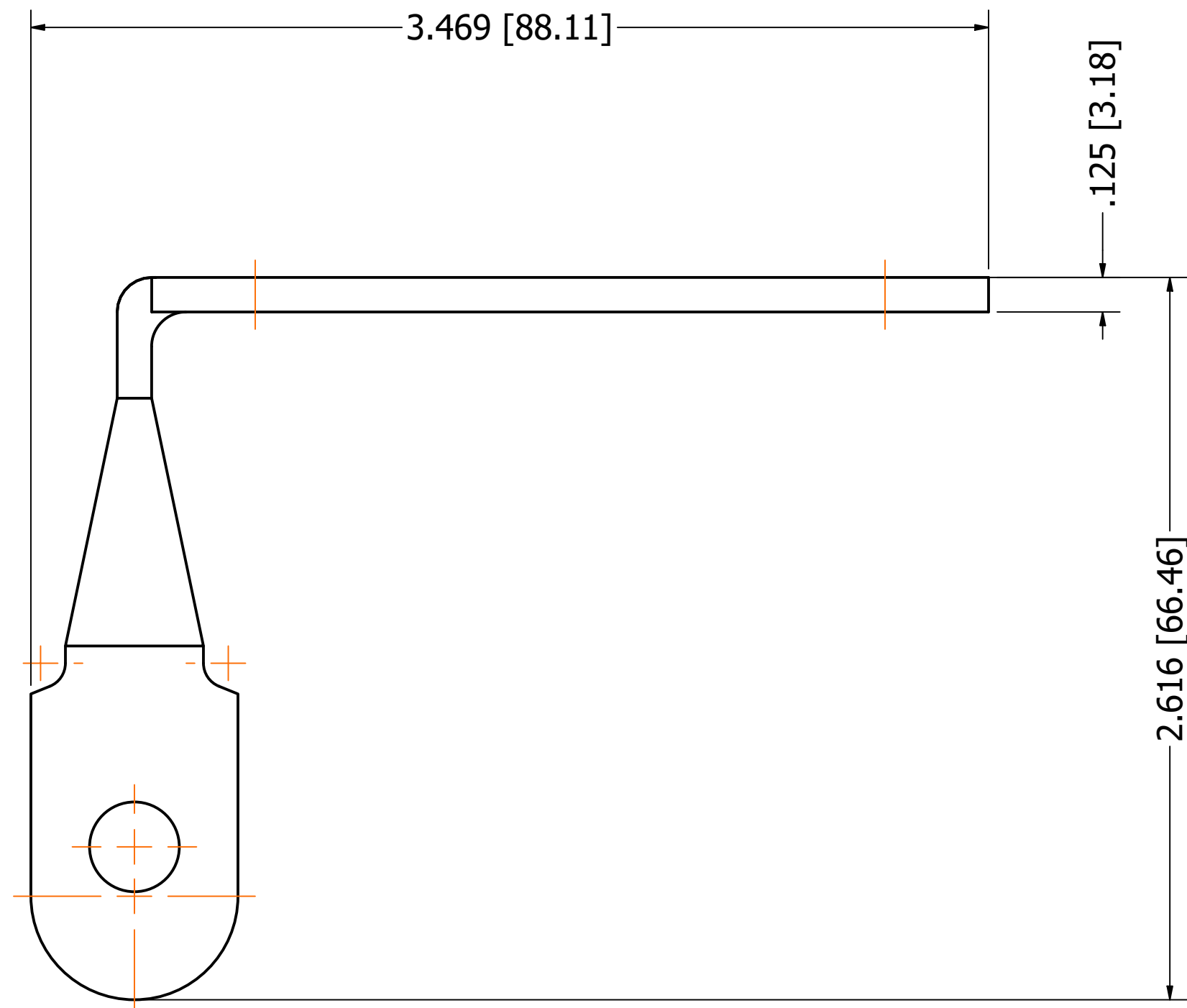


PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE
REVISIONS			
 Pop-Link Mounting Systems			
PL CAMERA BRACKET 4			
MATERIAL:		DESIGNED BY: jsmith	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.186 lbmass		DRAWN DATE: 5/8/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-CB4			REV. A

APPLICABLE PRODUCTS

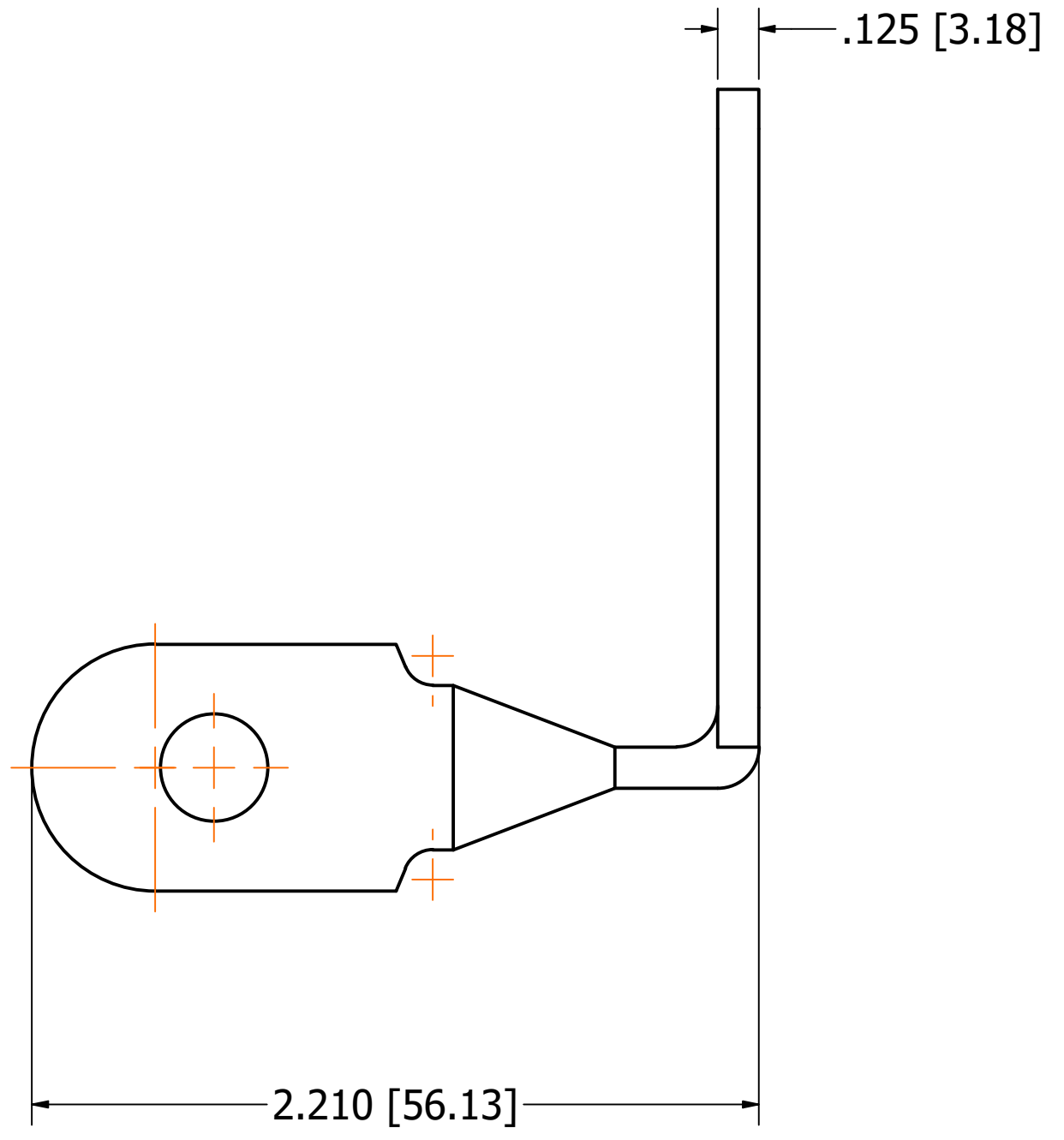
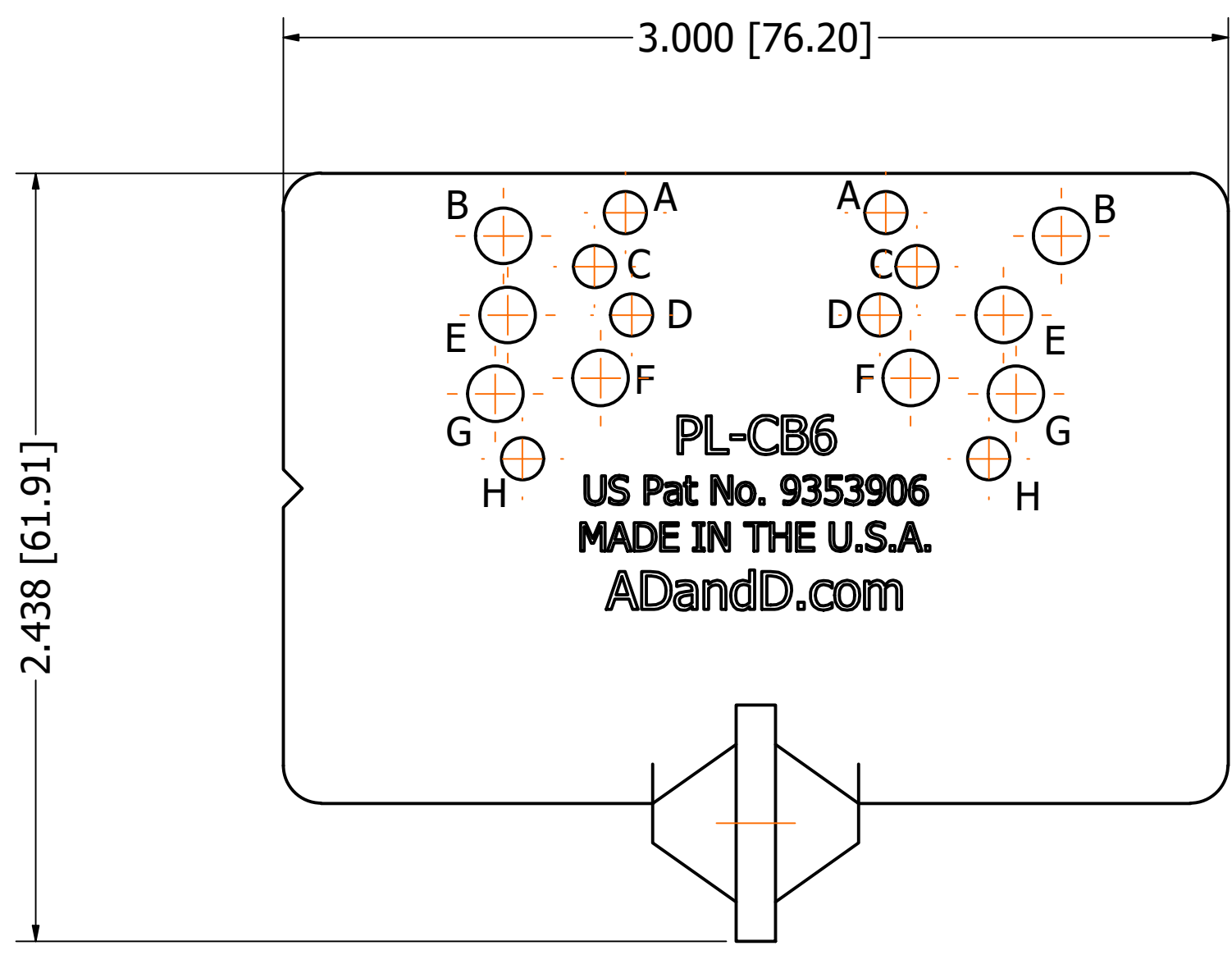
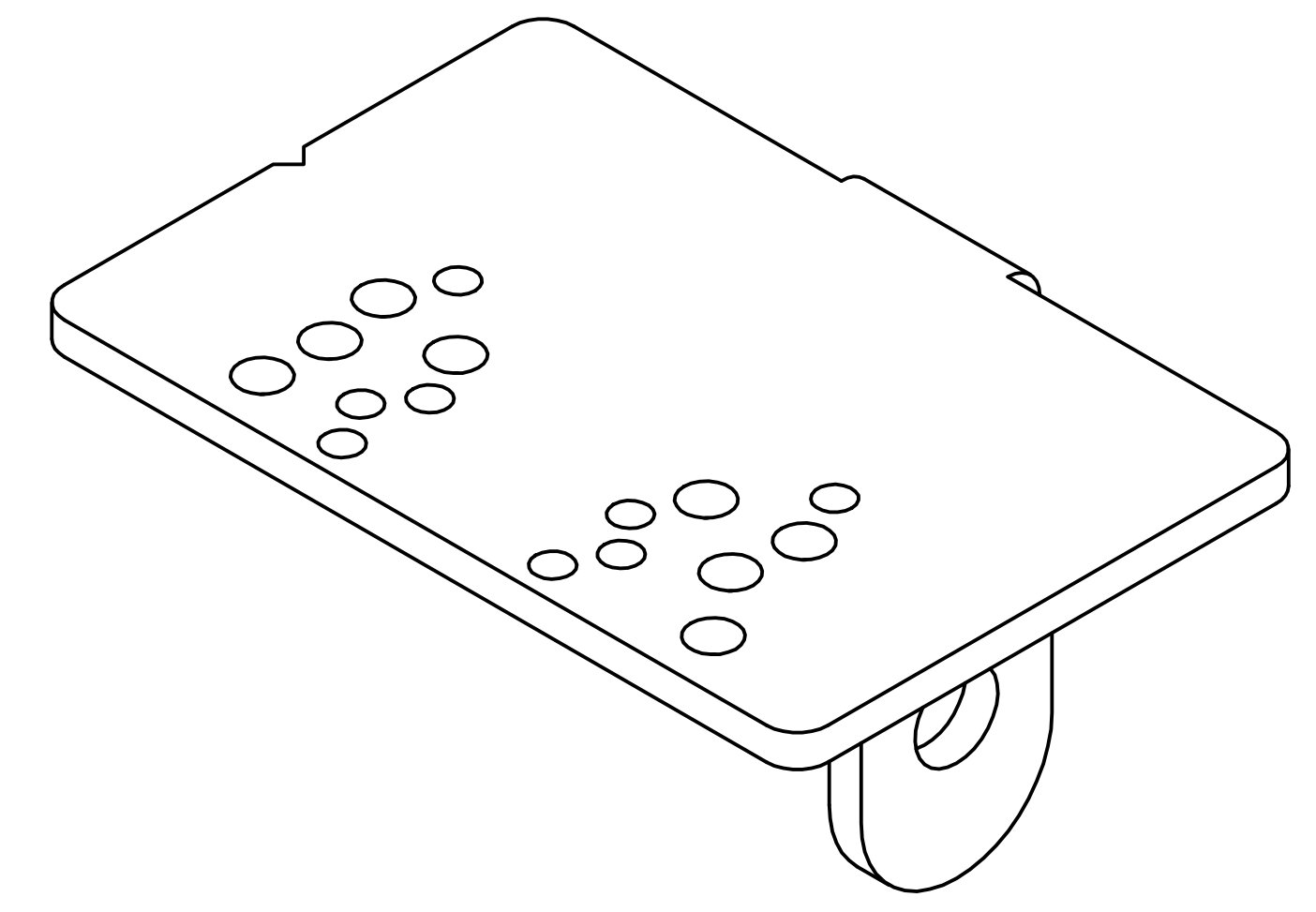
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
COGNEX 8402M	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	A
COGNEX INSIGHT 1403	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	B
KEYENCE CA-HX048C	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	C
KEYENCE CA-HX200C/M	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	D
KEYENCE CA-HX500C/M	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	D
IFM O2I5XX SERIES	(2) S.H.C.S. - M4-0.7mm X 6mm 18-8SS	A (TOP SET OF HOLES)



PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE APPROVED BY
REVISIONS			
Pop-Link Mounting Systems			
PL CAMERA BRACKET 5			
MATERIAL:		DESIGNED BY: D. BIDDINGER	
FINISH:		DRAWN BY: S. RILEY	
WT. (LBS): 0.215 lbmass		DRAWN DATE: 5/11/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-CB5			REV. A

APPLICABLE PRODUCTS		
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
AVT MAKO G-192B/C	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8 SS	D
Basler Ace Classic	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8 SS	D
Basler Ace L Series	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8 SS	A
Basler Ace U Series	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8 SS	D
Baumer LX Series	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8 SS	C
Dalsa BOA Series	(2) S.H.C.S. - M4-0.7mm X 8mm 18-8 SS	F
Dalsa BOA Spot Series	(2) S.H.C.S. - M4-0.7mm X 8mm 18-8 SS	E
Dalsa BOA2 Series	(2) S.H.C.S. - M4-0.7mm X 8mm 18-8 SS	B
Dalsa Genie Nano Series	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8 SS	C
Dalsa Genie Series	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8 SS	C
Dalsa Genie TS Series	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8 SS	C
Dalsa Linea Series	(2) S.H.C.S. - M4-0.7mm X 8mm 18-8 SS	G
Datalogic M1xx Series	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8 SS	D
Datalogic Matrix 220	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8 SS	H
Omron FH-SC04	(2) S.H.C.S. - M4-0.7mm X 6mm 18-8 SS	F
Omron FH-SM04	(2) S.H.C.S. - M4-0.7mm X 6mm 18-8 SS	F
Smart Vision Lights #LM-45	SMART VISION SUPPLIED	F
Smart Vision Lights #LM-75	SMART VISION SUPPLIED	G



ZONE	REV	DESCRIPTION	DATE	APPROVED BY
B		ADDED COMPATIBILITY	6/25/2020	S. RILEY
A		RELEASED TO PRODUCTION	3/6/2020	S. RILEY

REVISIONS

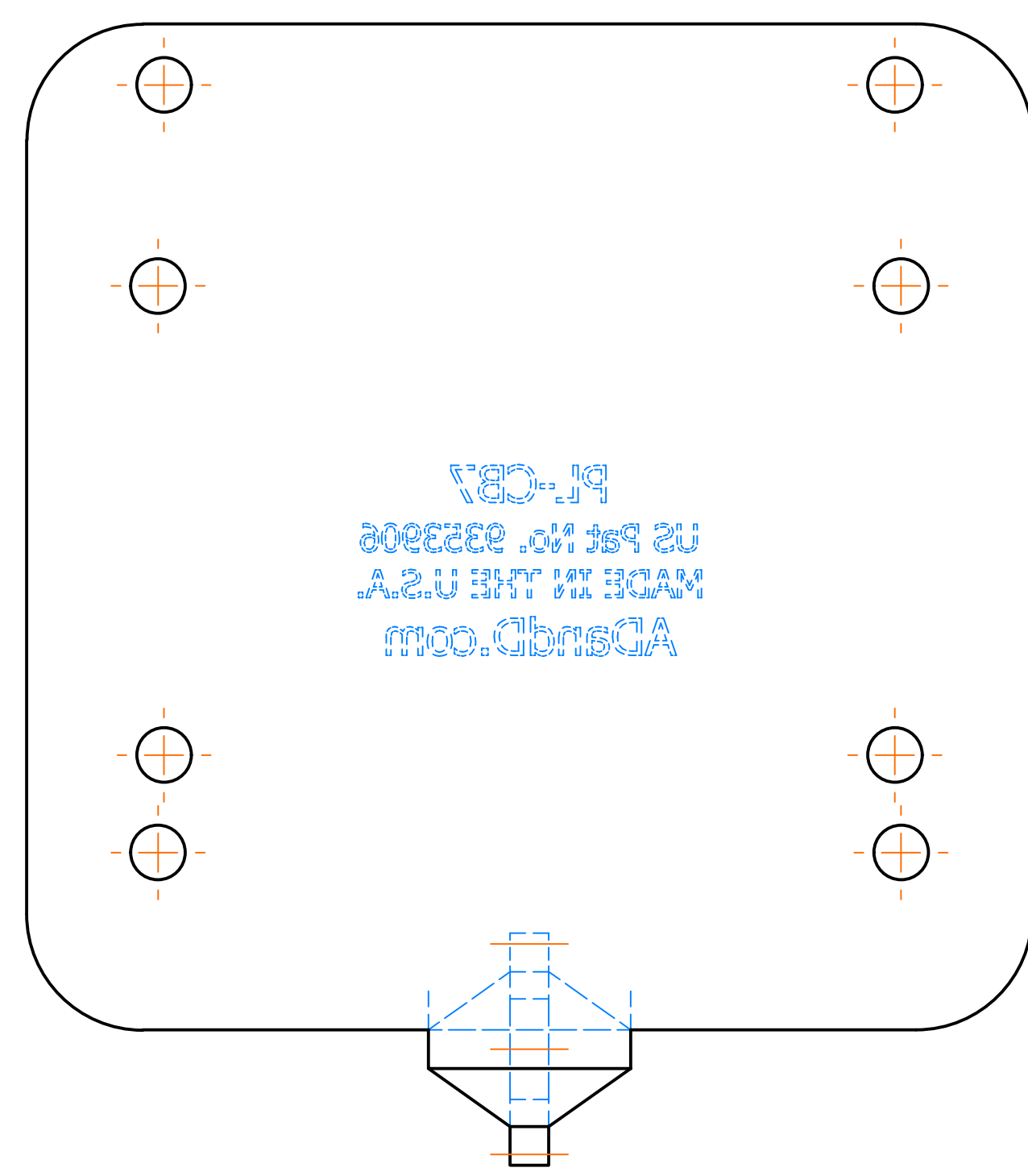
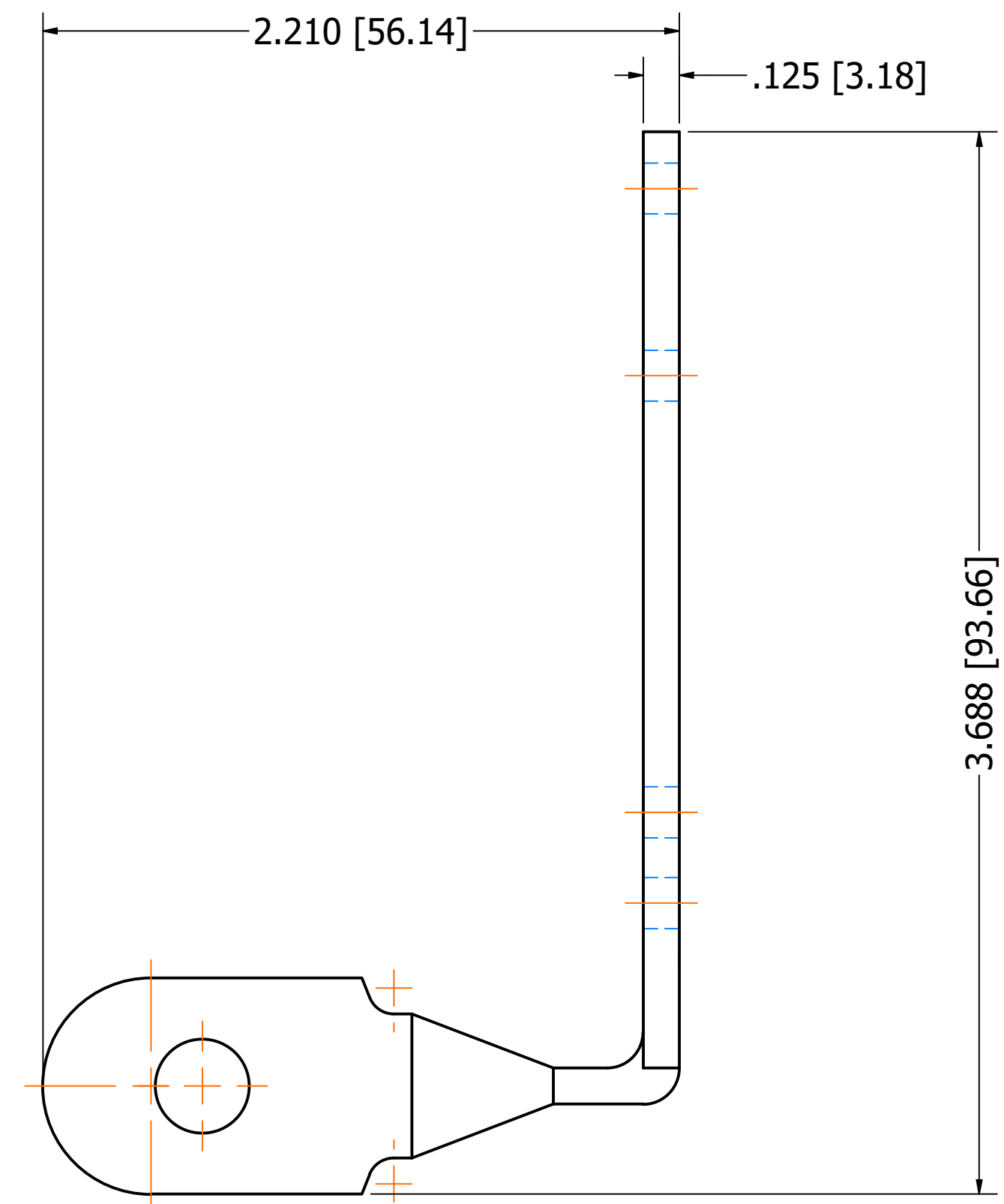
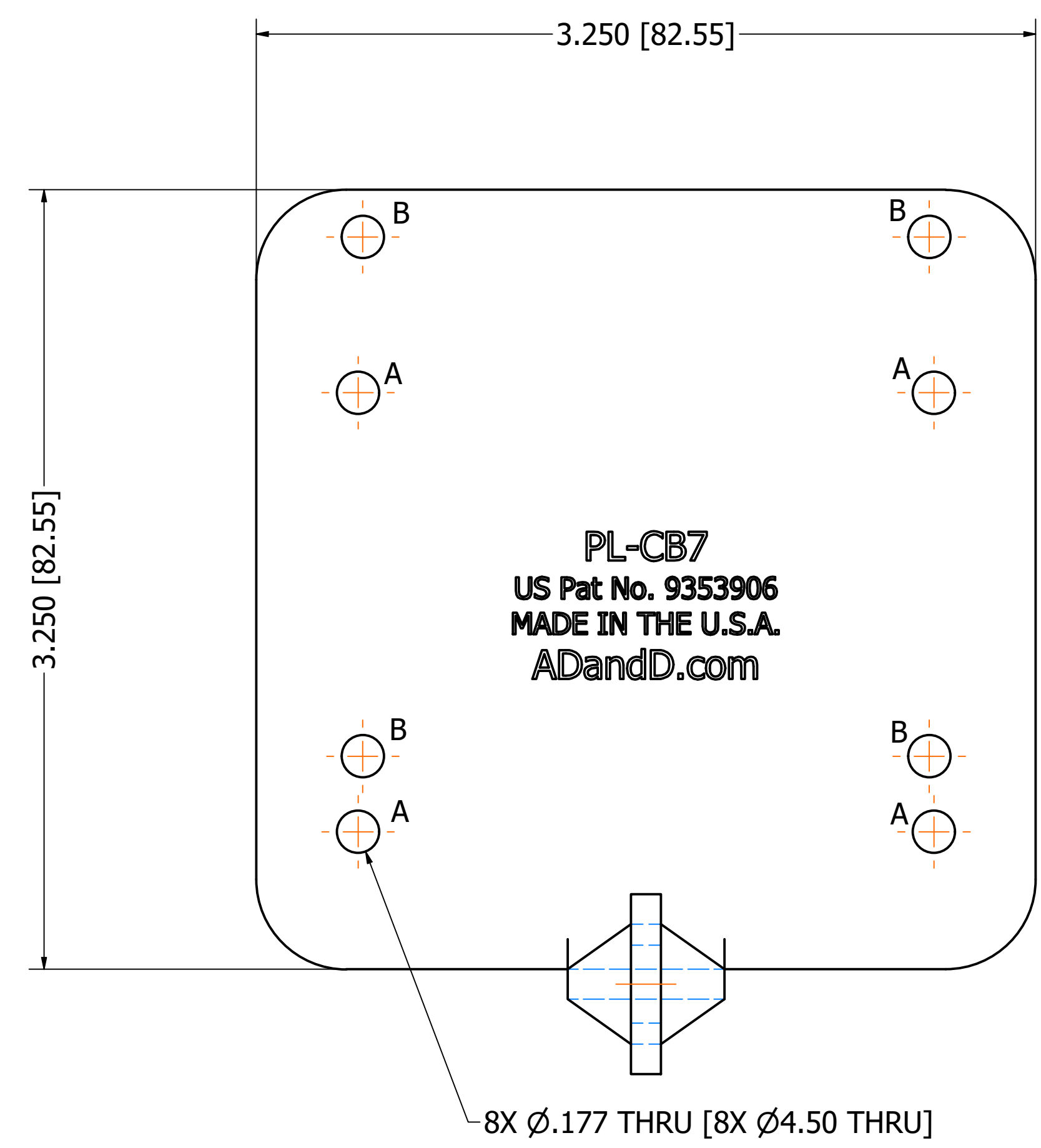
Pop-Link[®] Mounting Systems

PL CAMERA BRACKET 6

PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED 2 PLACE DEC. ± .030 3 PLACE DEC. ± .005 4 PLACE DEC. ± .0005 ANGLES ± 1° THIRD ANGLE PROJECTION	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994

MATERIAL:	DESIGNED BY: S. RILEY
FINISH:	DRAWN BY: S. RILEY
WT.(LBS): 0.258 lbmass	DRAWN DATE: 5/11/2020
SHEET. SIZE: D	SCALE: 2 / 1
DETAIL NO. PL-CB6	REV. B

APPLICABLE PRODUCTS		
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
MATROX IRIS GTR	(4) S.H.C.S. - M4-0.7mm X 6mm 18-8SS	A
MICRO EPSILON OPTONCDT ILR2250	(4) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	B

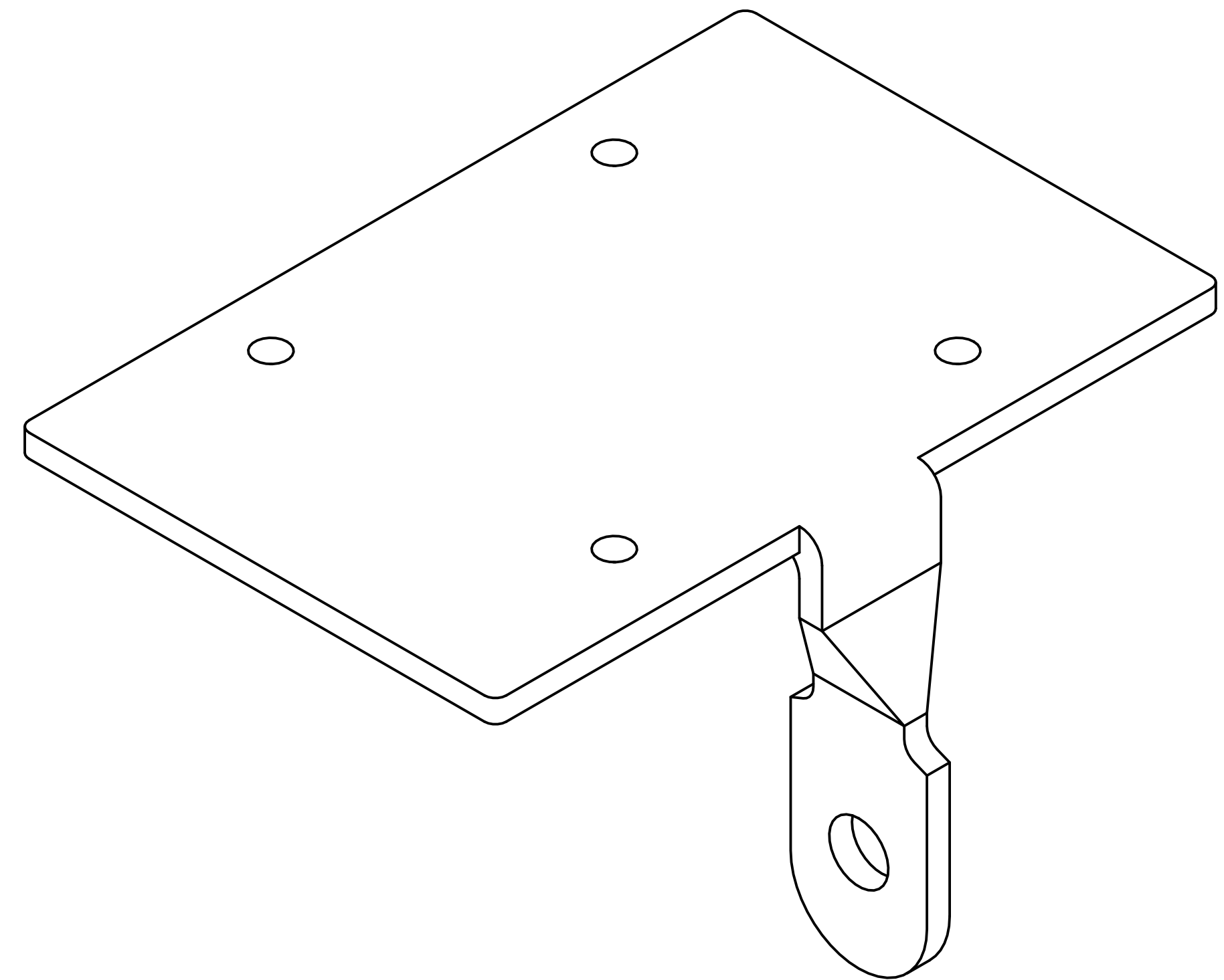


PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

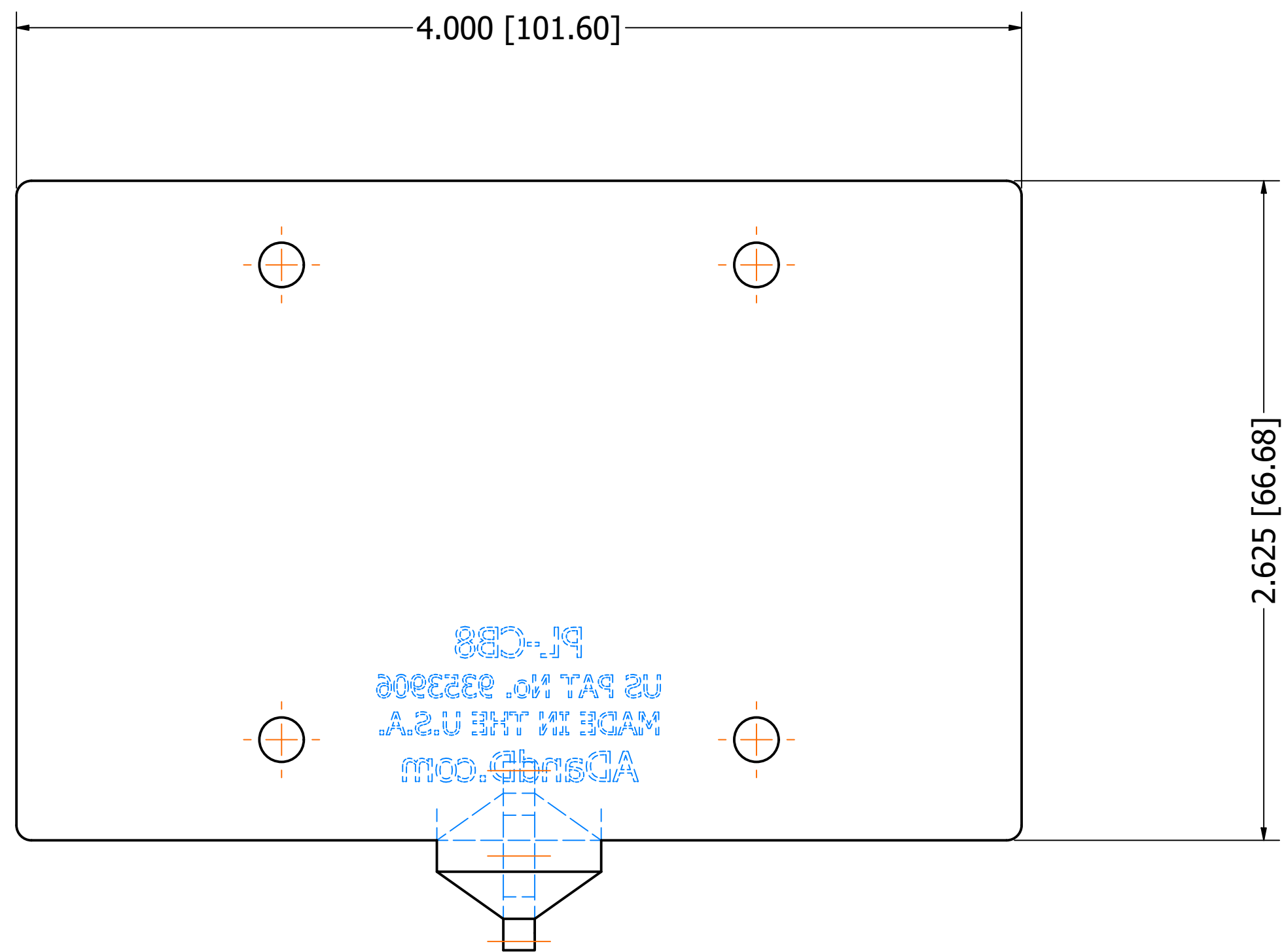
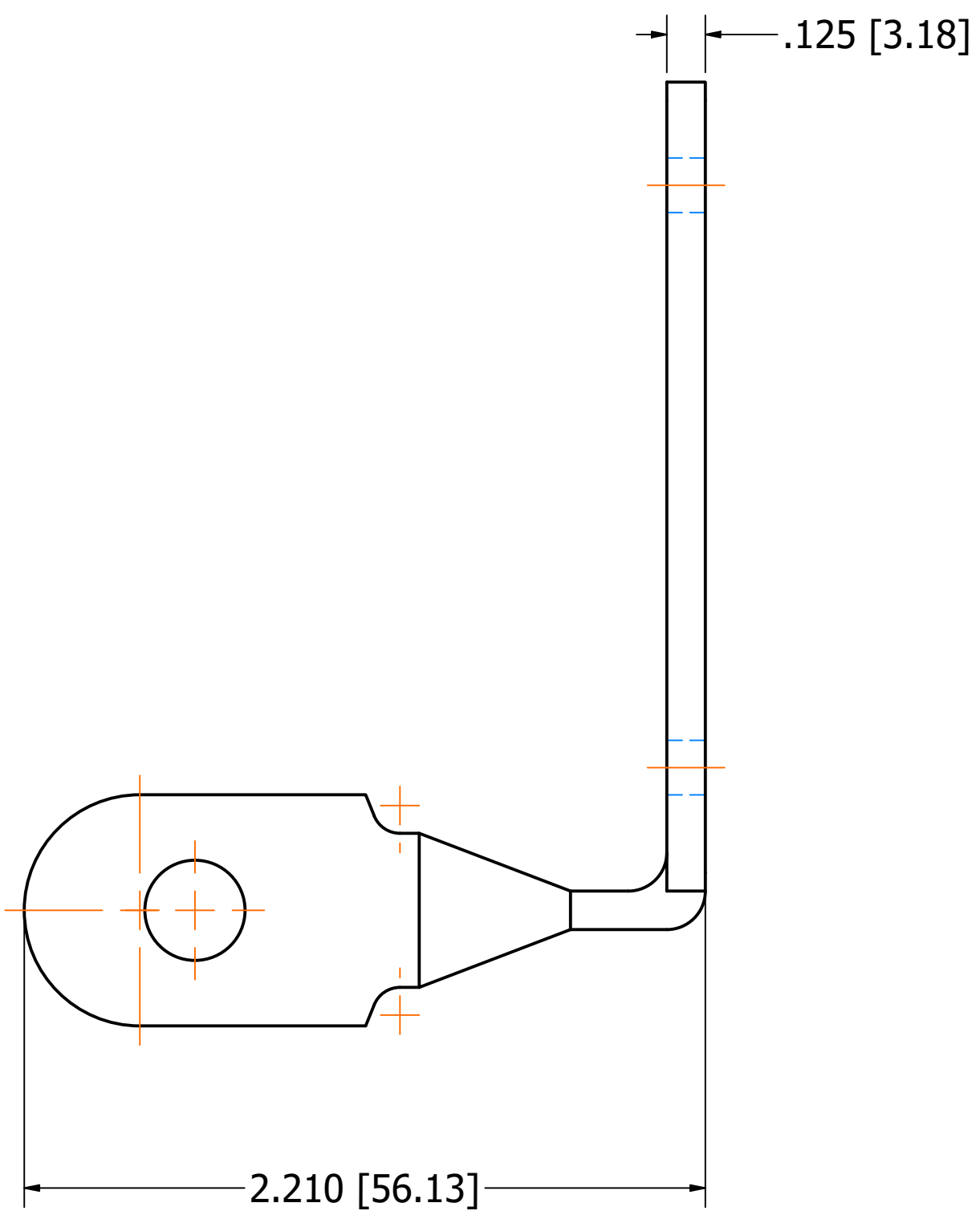
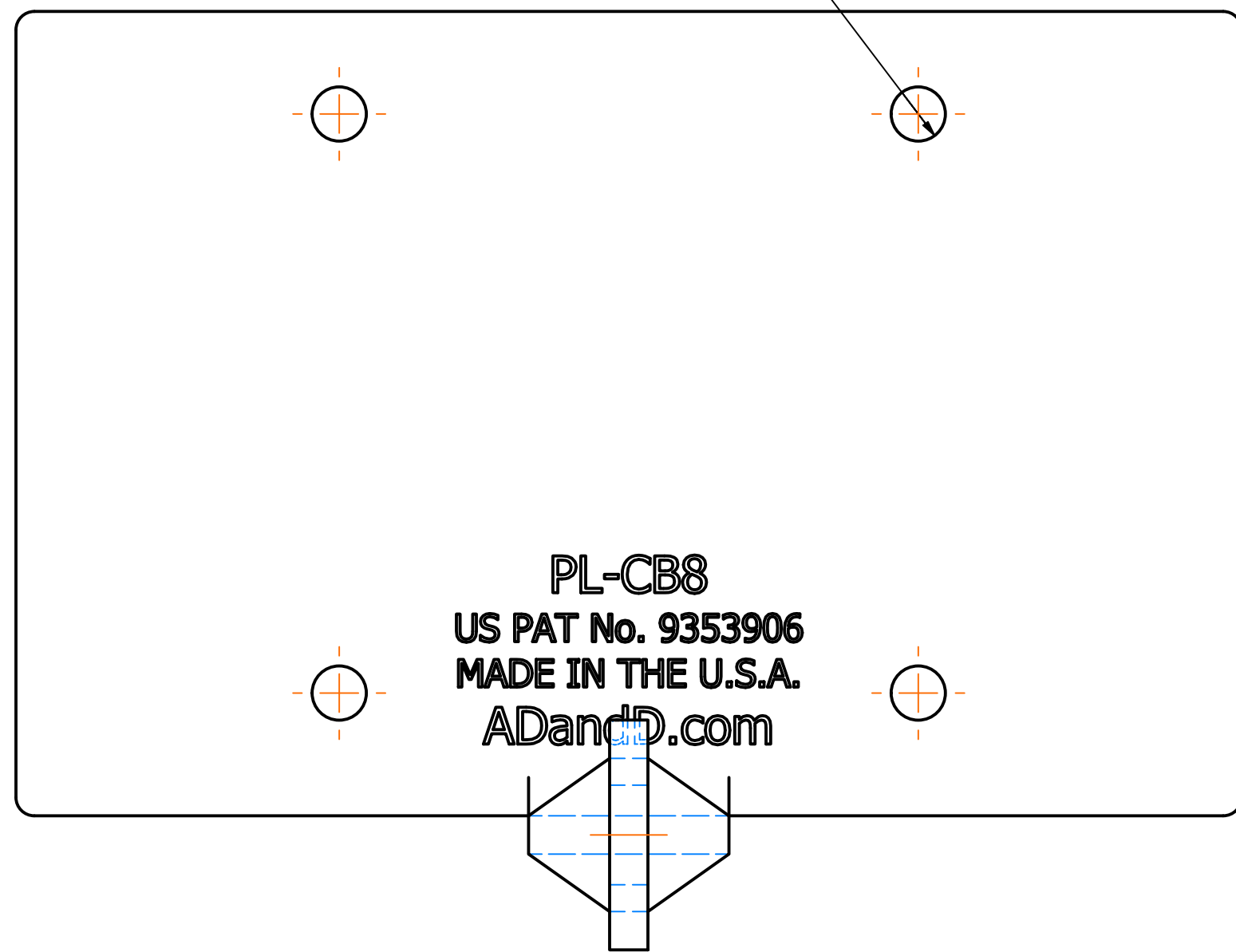
A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE
REVISIONS			
Pop-Link Mounting Systems			
PL CAMERA BRACKET 7			
MATERIAL:		DESIGNED BY: S. RILEY	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.424 lbmass		DRAWN DATE: 5/11/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-CB7			REV. A

APPLICABLE PRODUCTS

PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
IDS ENSENSO X SERIES CAMERAS	(4) S.H.C.S. - M4-0.7mm X 6mm 18-8SS	A



4X Ø.177 THRU [4X Ø4.50 THRU]



A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE APPROVED BY

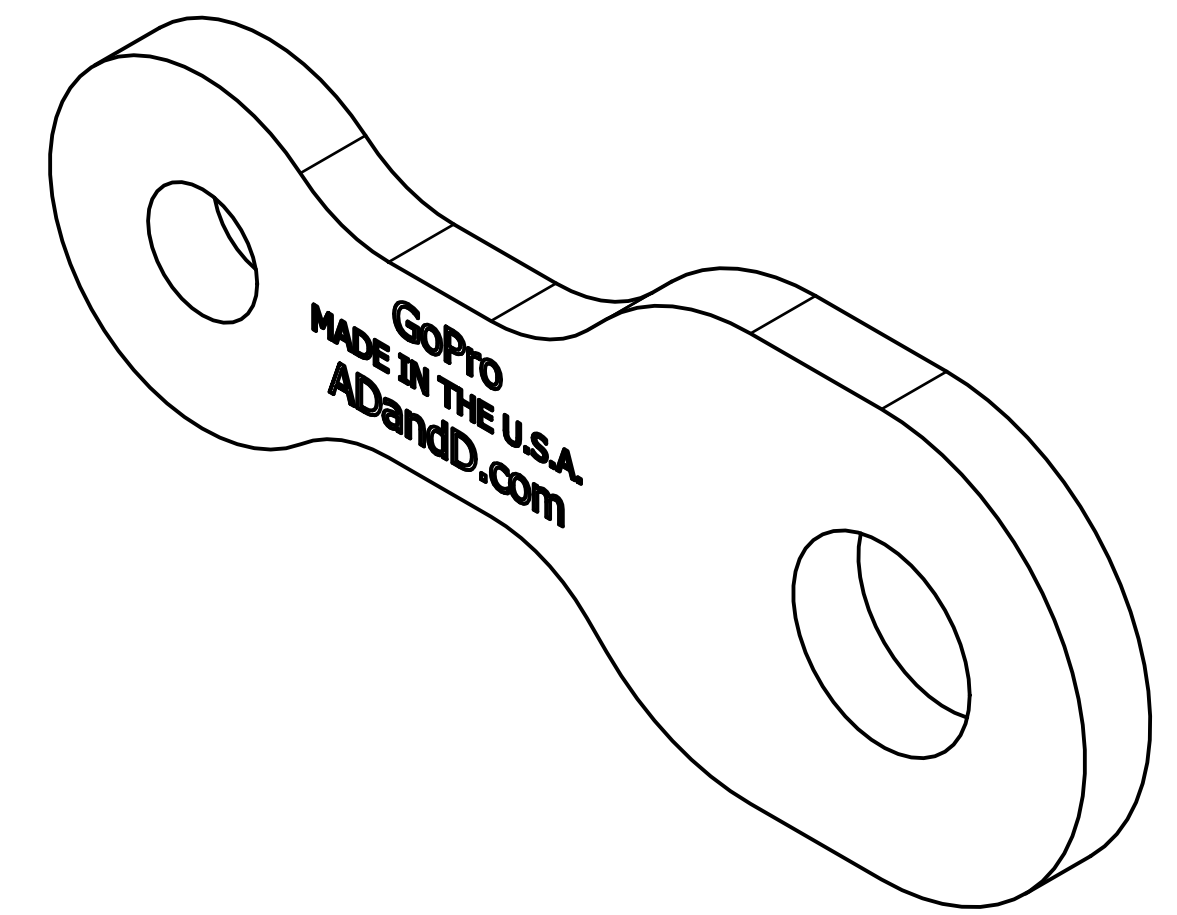
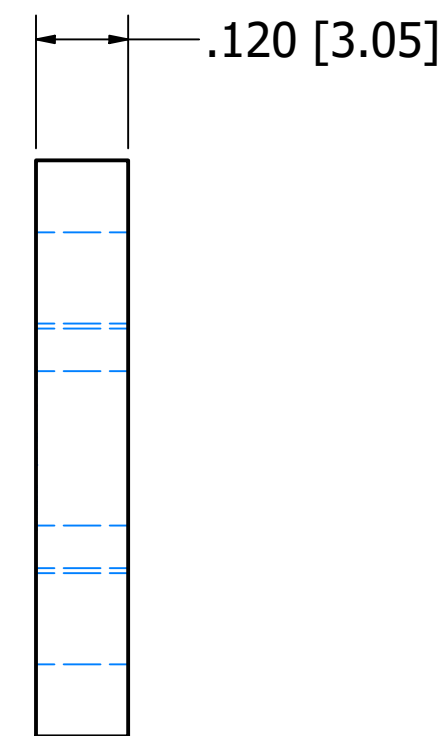
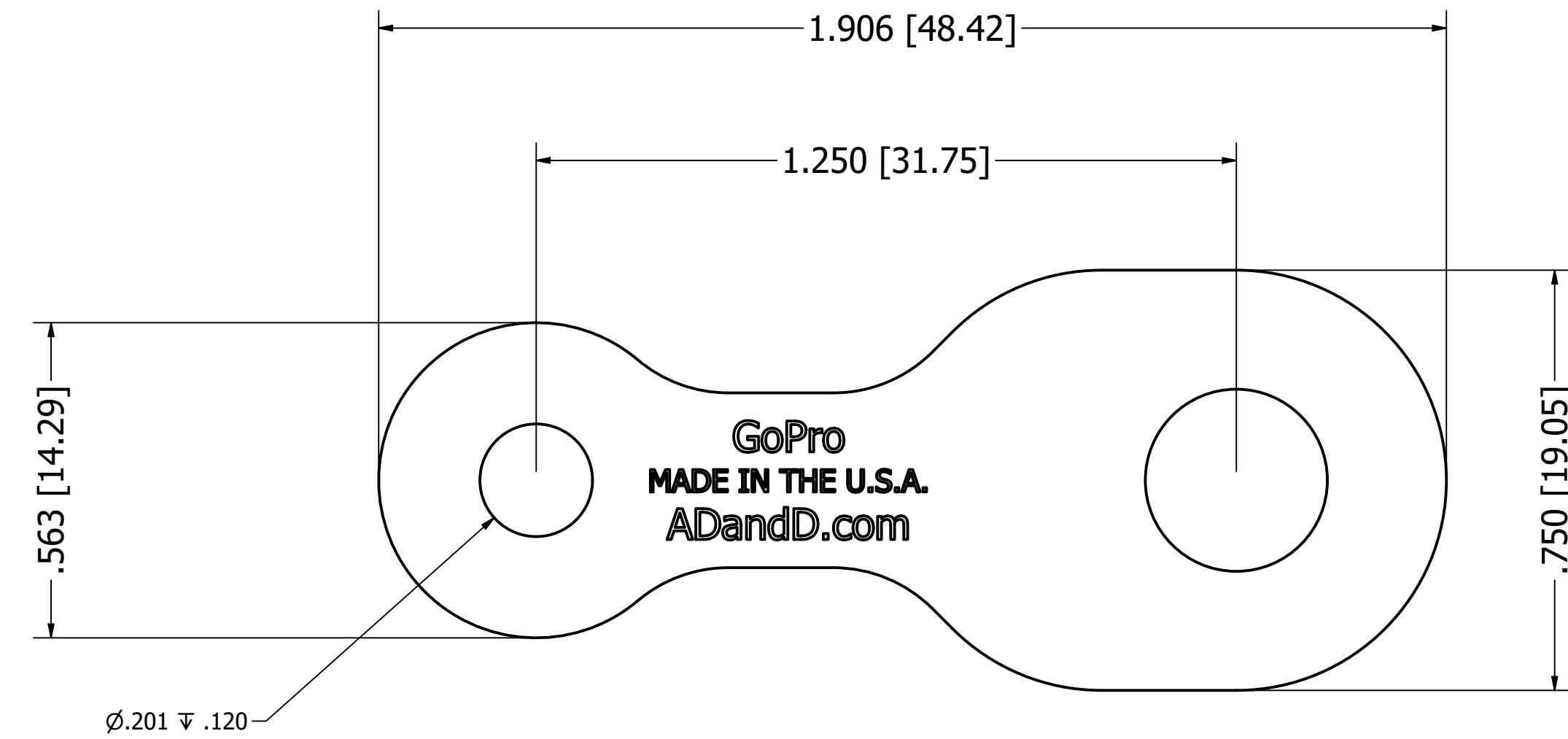
REVISIONS




PL CAMERA BRACKET 8

PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

MATERIAL:	DESIGNED BY: S. RILEY
FINISH:	DRAWN BY: S. RILEY
WT.(LBS): 0.054 lbmass	DRAWN DATE: 5/11/2020
SHEET. SIZE: D	SCALE: 2 / 1
DETAIL NO. PL-CB8	REV. A

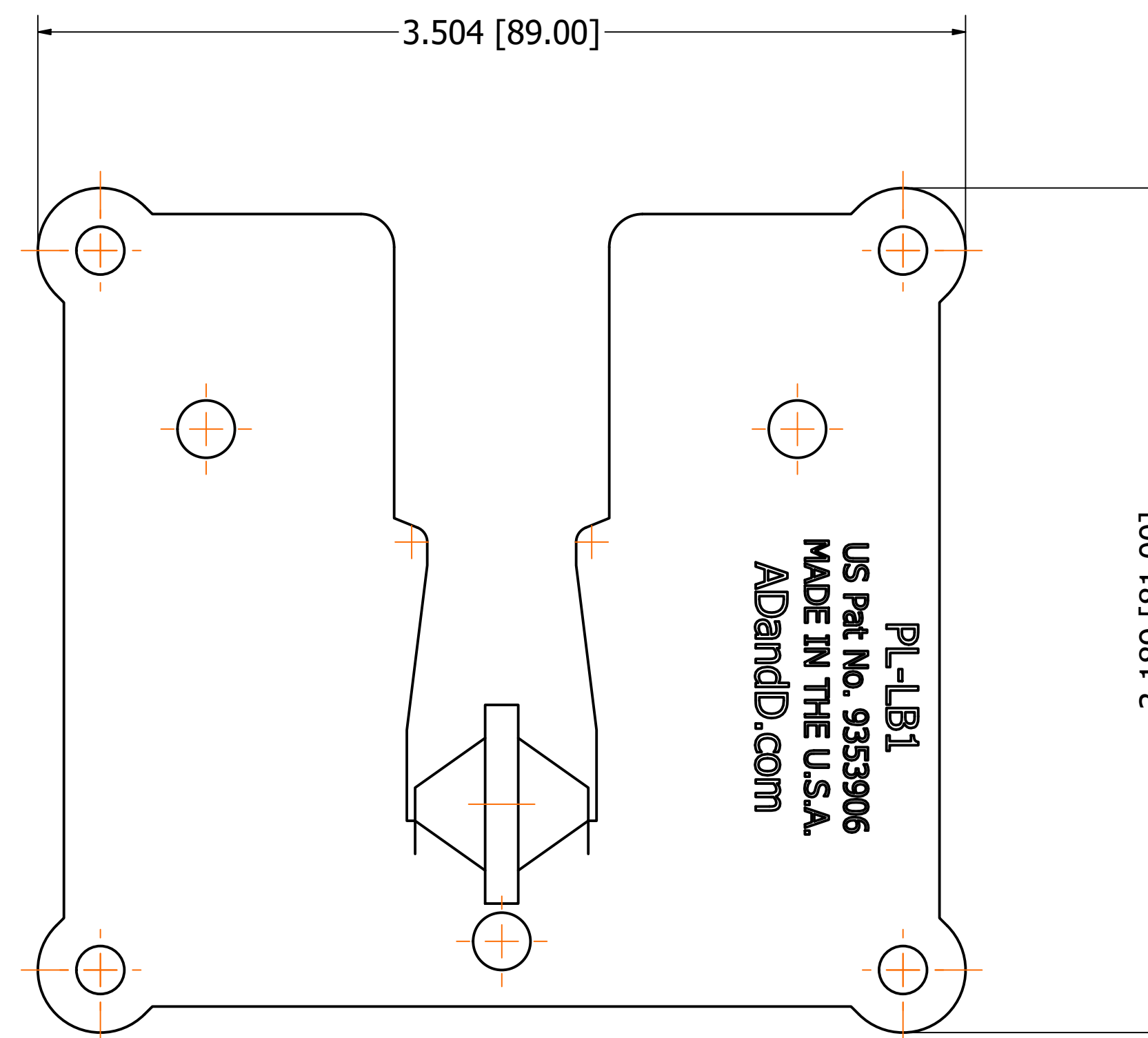
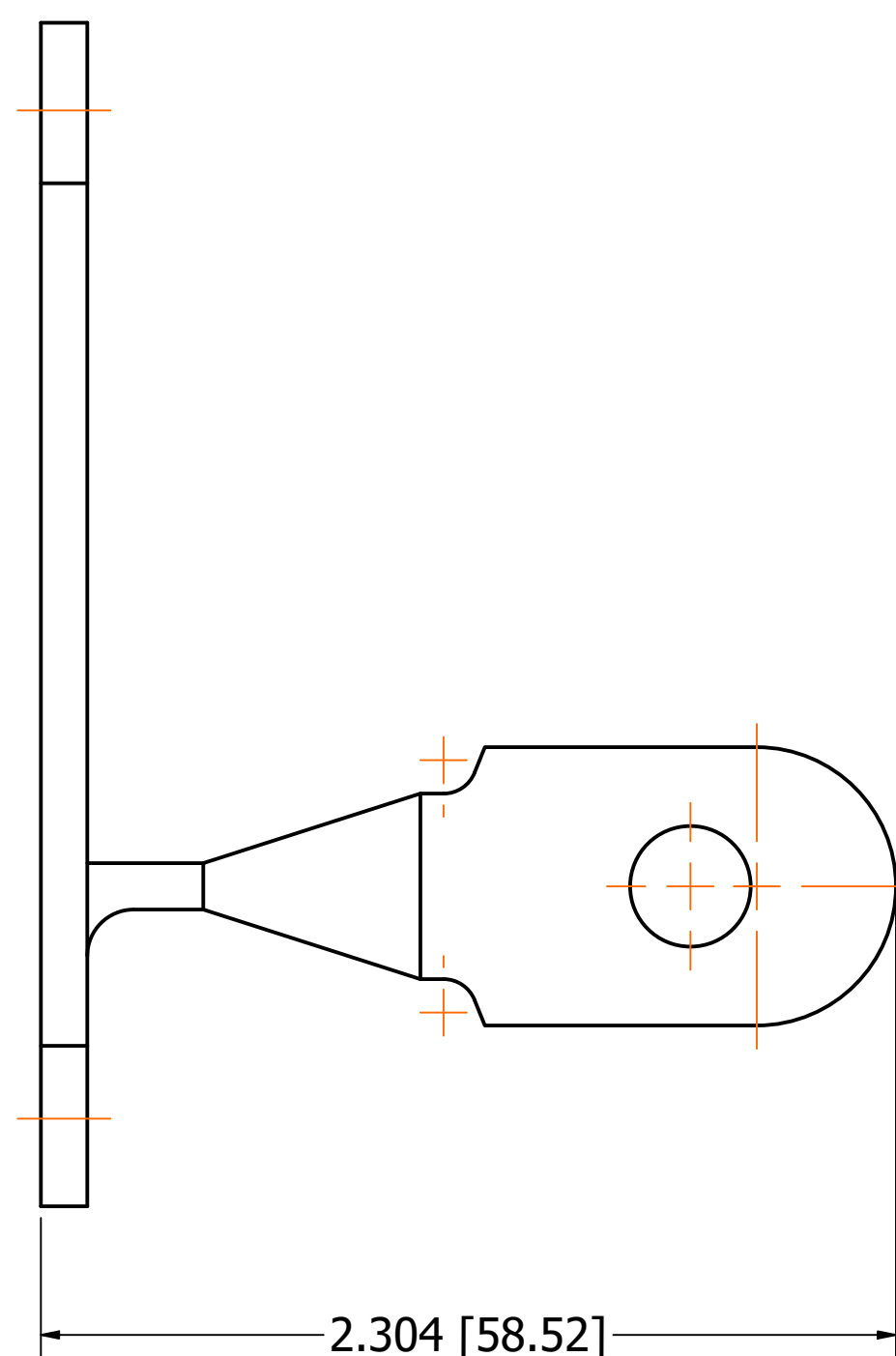
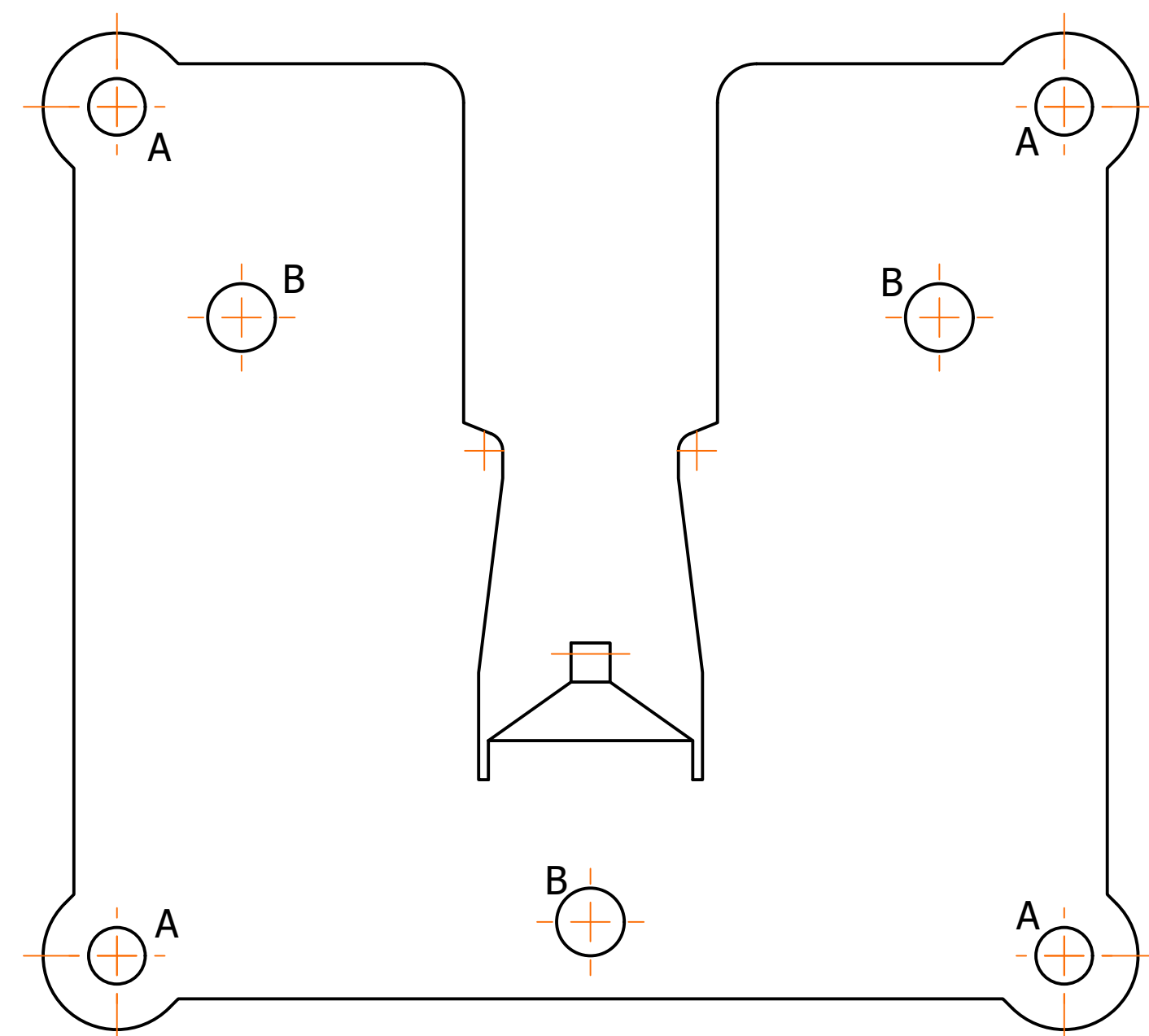
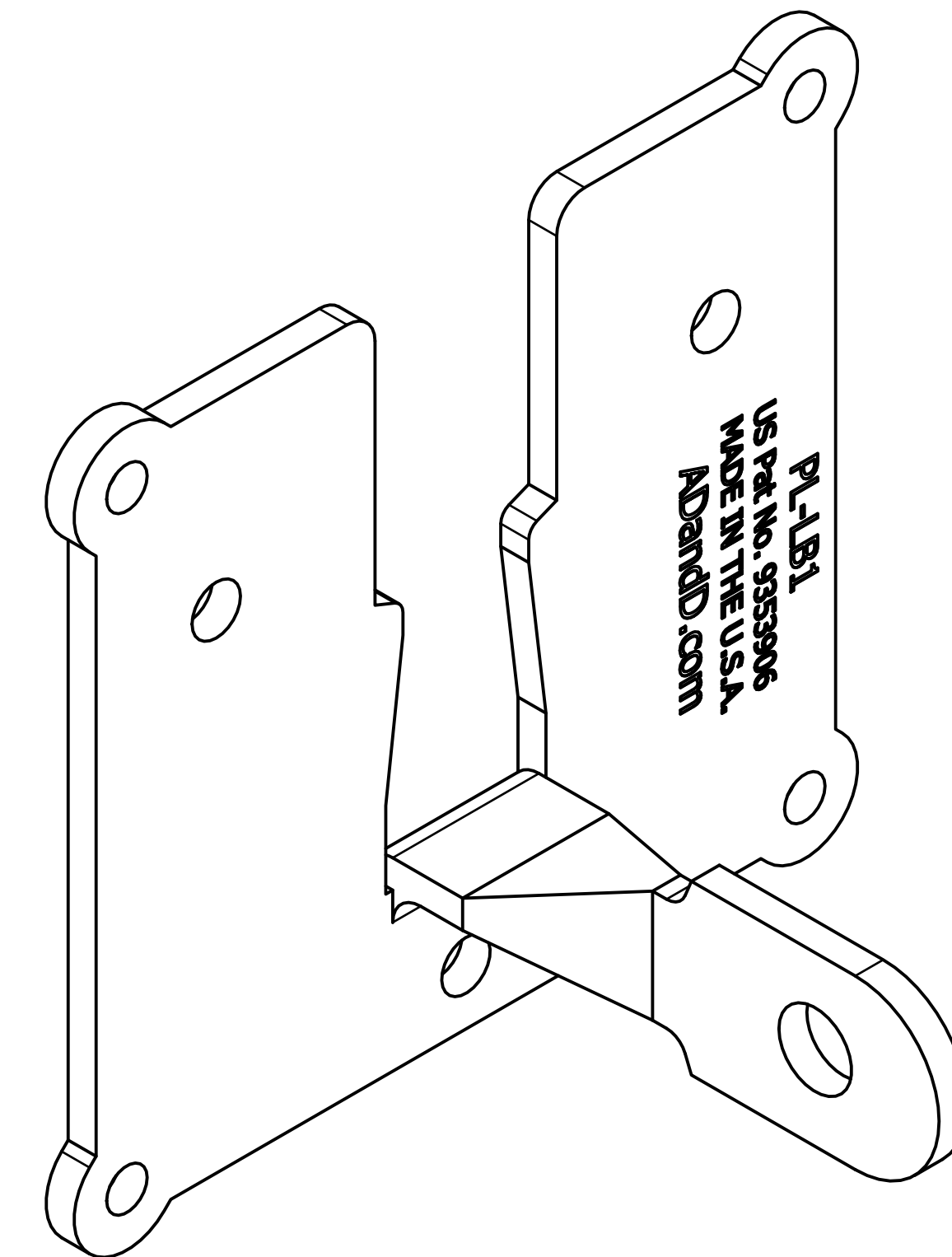


PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE
REVISIONS			
 Pop-Link Mounting Systems			
POP-LINK GOPRO MOUNTING BRACKET			
MATERIAL:		DESIGNED BY: S. RILEY	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.031 lbmass		DRAWN DATE: 7/31/2020	
SHEET. SIZE: D		SCALE: 4 : 1	
DETAIL NO. PL-GOPRO			REV. A

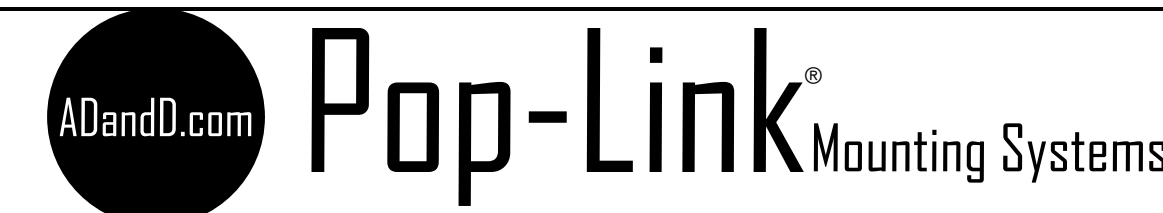
APPLICABLE PRODUCTS

PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
SMART VISION LIGHTS S75 BRICK	(4) S.H.C.S. - M4-0.7mm X 20mm 18-8SS (4) JAM NUT - M4-0.7mm 18-8SS	A
SAMSUNG TECHWIN SNO-L6083R / SNO-L5083R	(3) S.H.C.S. - M5-0.8mm X 18mm 18-8SS (3) JAM NUT - M5-0.8mm 18-8SS	B
HANWHA TECHWIN SNO-L6083R / SNO-L5083R	(3) S.H.C.S. - M5-0.8mm X 18mm 18-8SS (3) JAM NUT - M5-0.8mm 18-8SS	B



A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	DESCRIPTION	DATE	APPROVED BY

REVISIONS



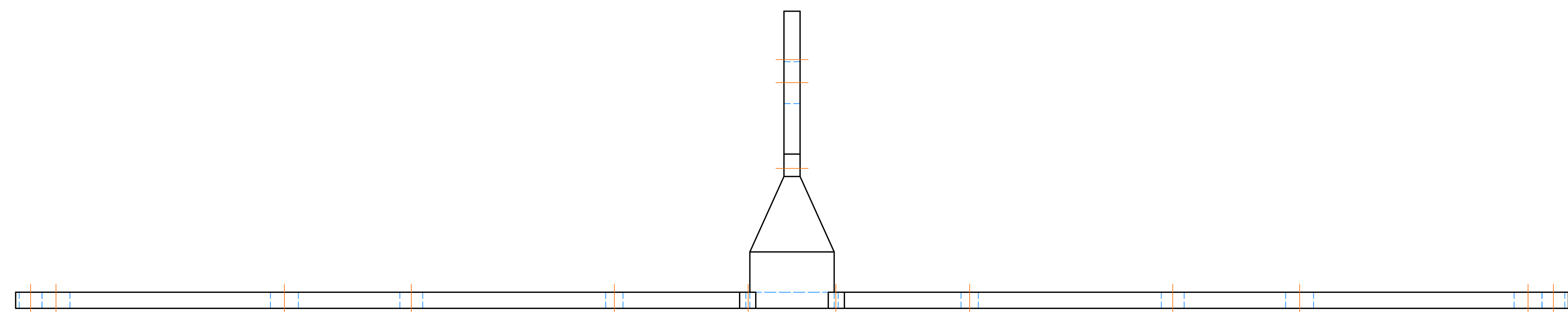
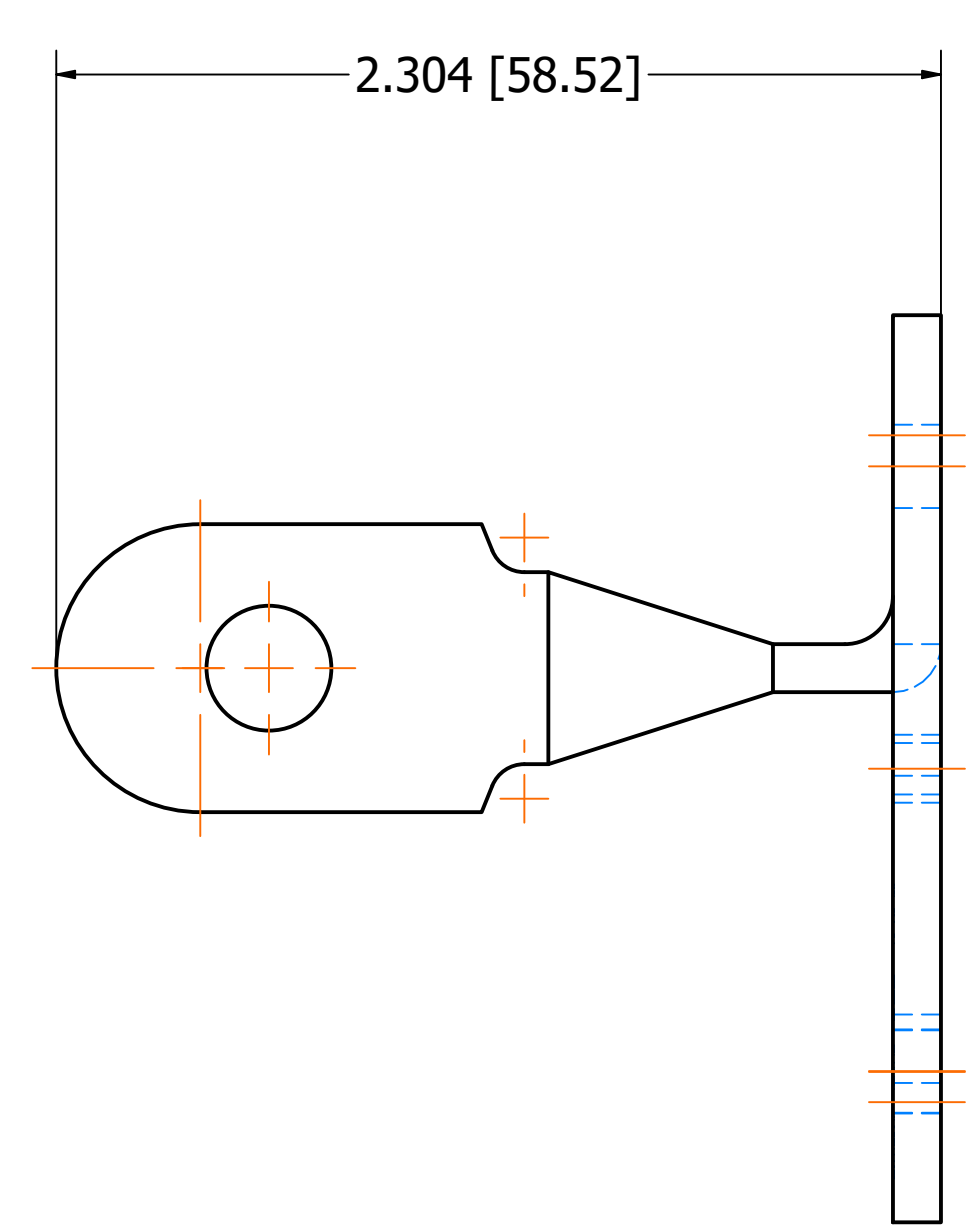
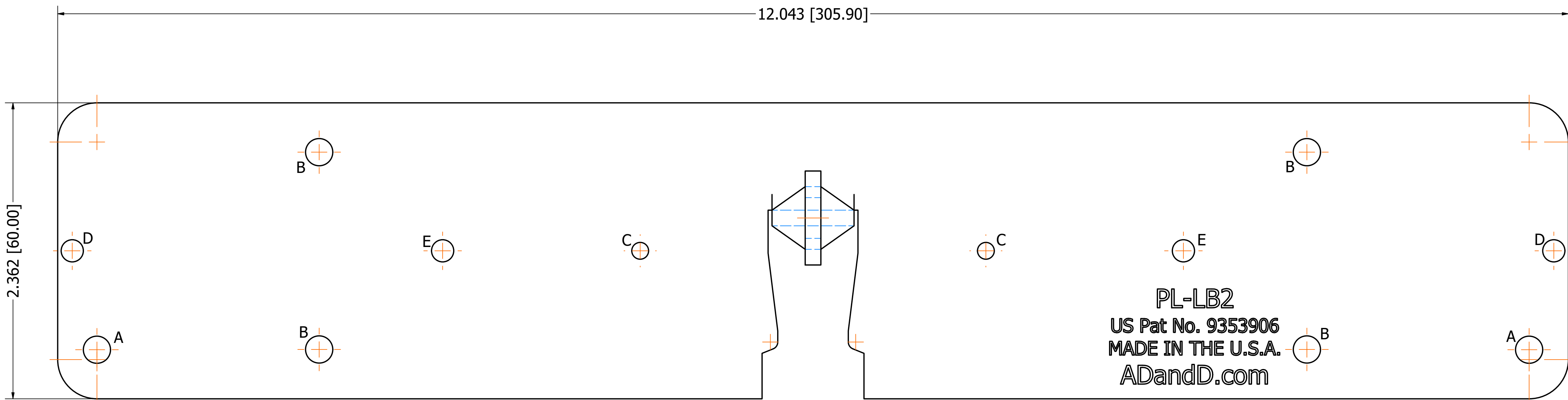
PL LIGHT BRACKET 1

PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

MATERIAL:	DESIGNED BY: jsmith
FINISH:	DRAWN BY: S. RILEY
WT.(LBS): 0.353 lbmass	DRAWN DATE: 5/11/2020
SHEET. SIZE: D	SCALE: 2 / 1
DETAIL NO. PL-LB1	REV. A

APPLICABLE PRODUCTS

PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
SMART VISION LIGHTS L300 LINEAR	(2) S.H.C.S. - M5-0.8mm X 12mm 18-8SS (2) JAM NUT - M5-0.8mm 18-8SS	A
SMART VISION LIGHTS LXE300 LINEAR	(4) S.H.C.S. - M5-0.8mm X 6mm 18-8SS	B
KEYENCE CA-DBW24W	(2) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	C
KEYENCE CA-DBW34H	(2) S.H.C.S. - M4-0.7mm X 6mm 18-8SS	D
KEYENCE CADBW50H	(2) S.H.C.S. - M4-0.7mm X 6mm 18-8SS	E

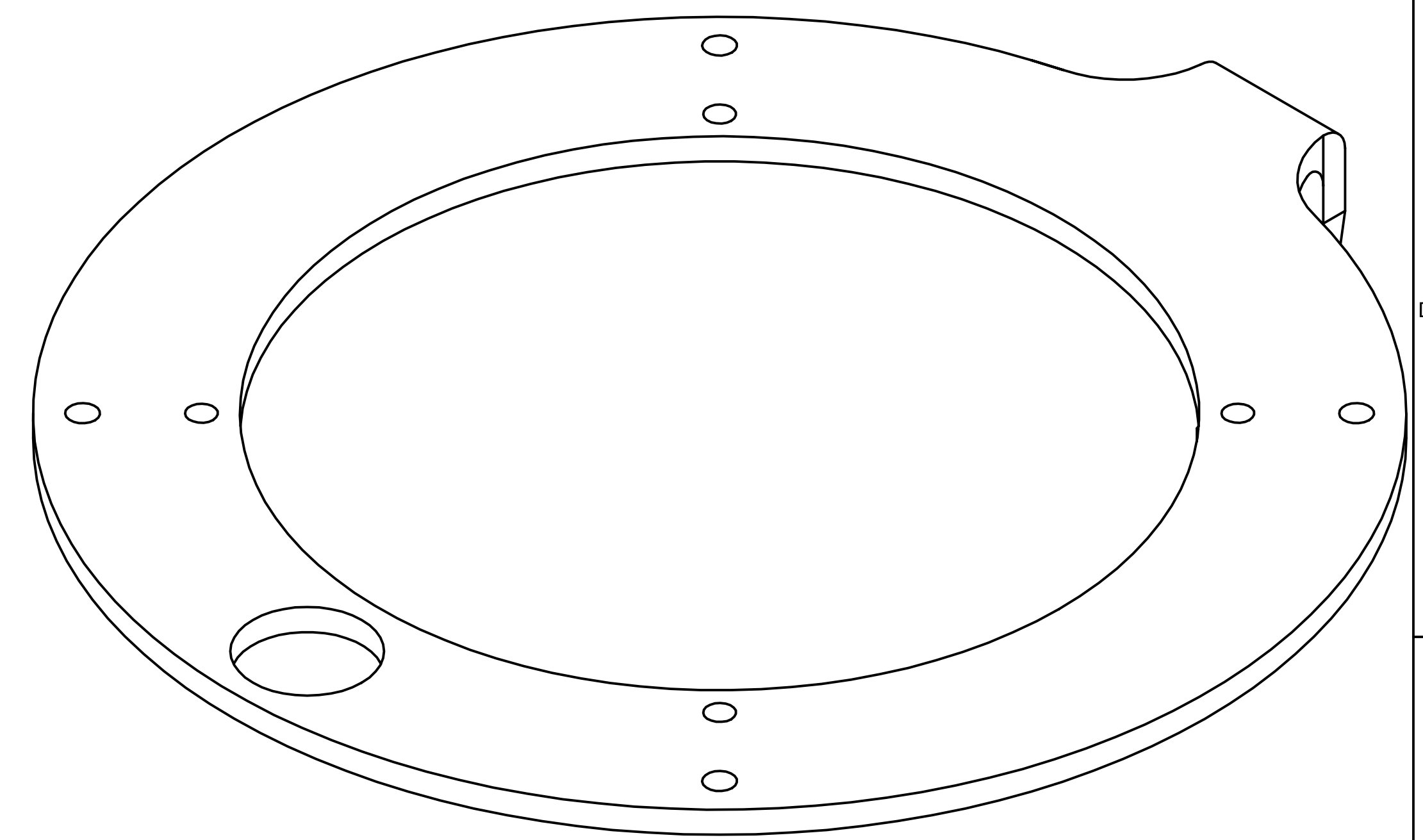
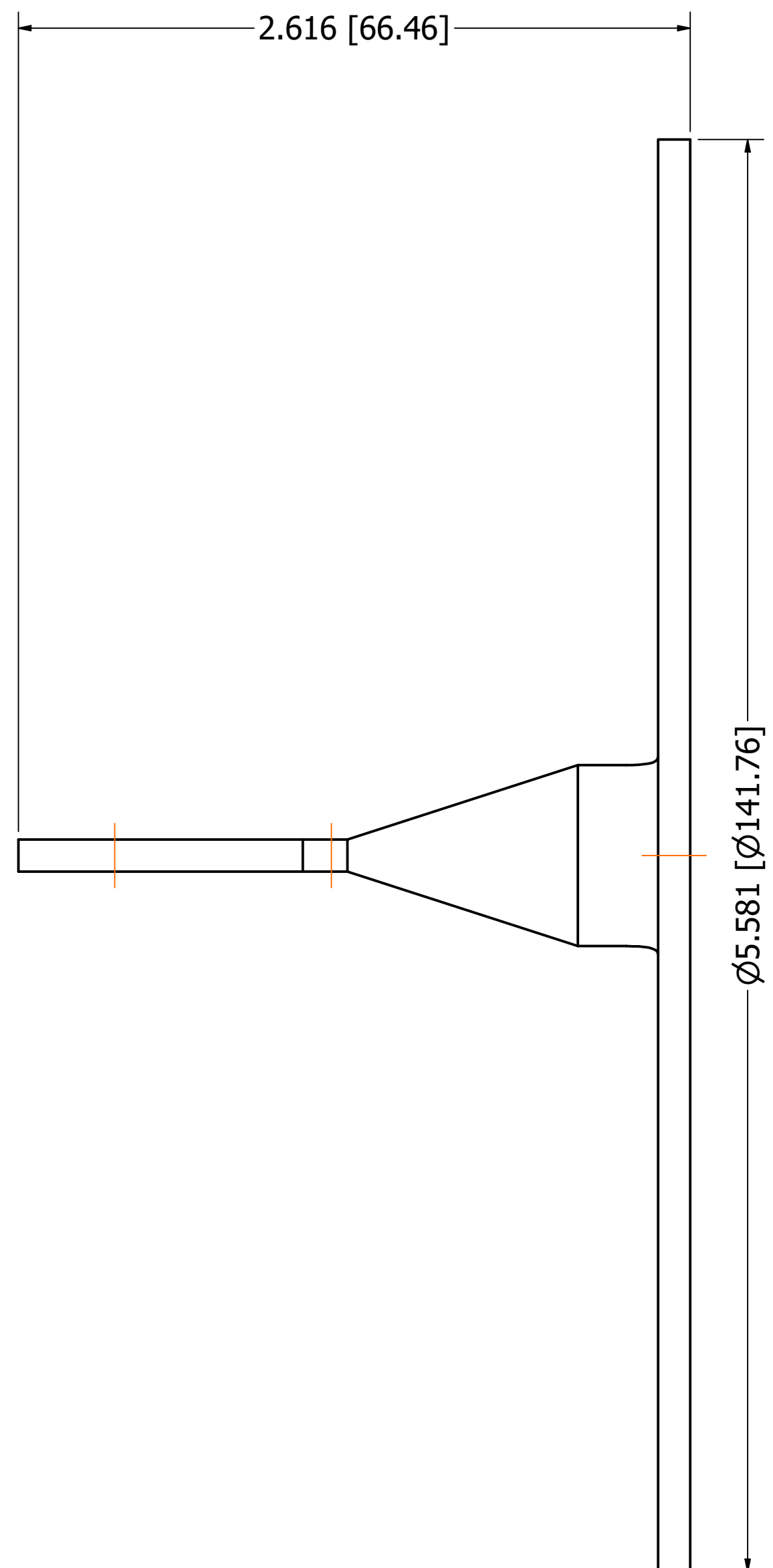
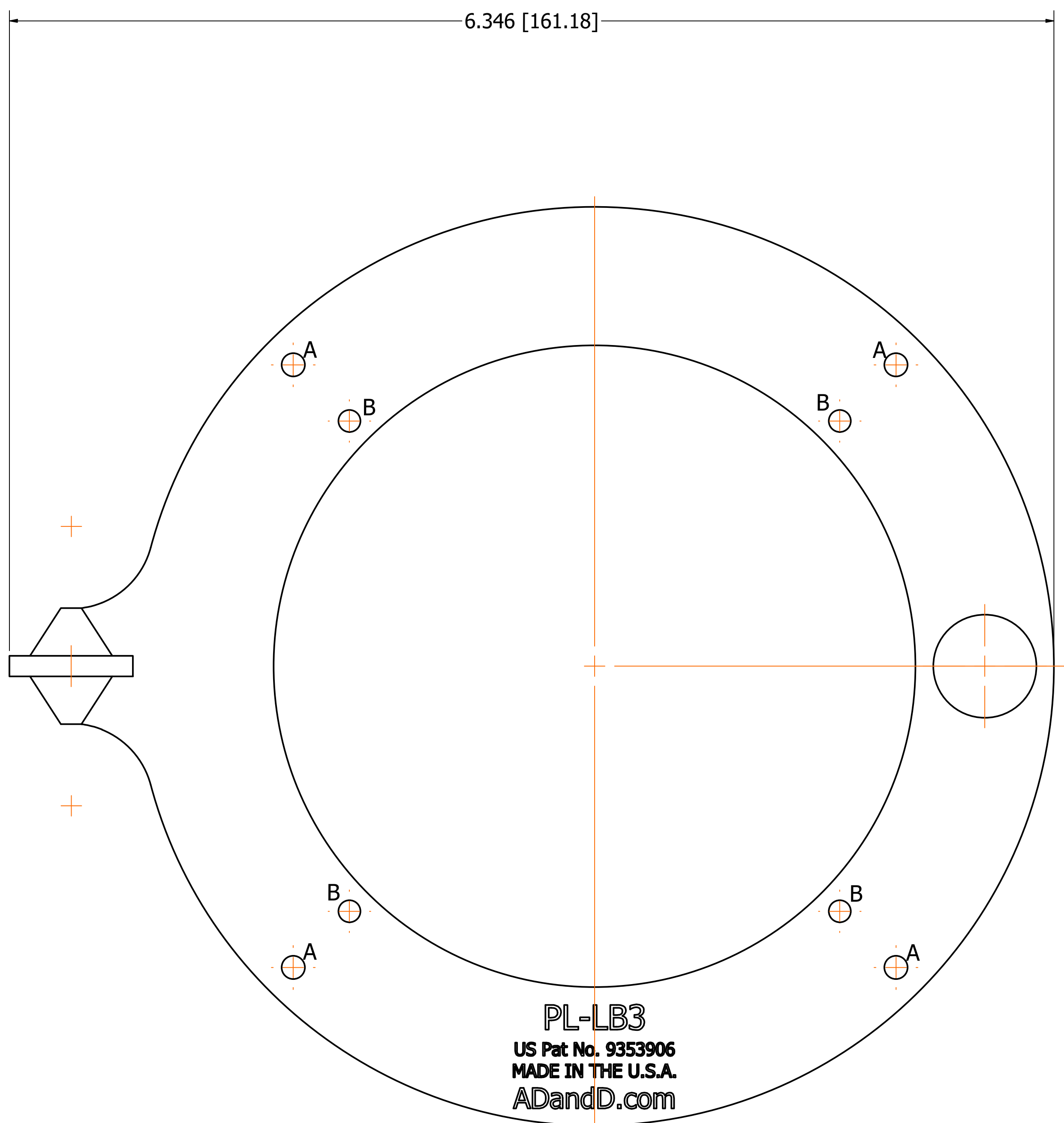


PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE
REVISIONS			
Pop-Link Mounting Systems			
PL LIGHT BRACKET 2			
MATERIAL:		DESIGNED BY: jsmith	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 1.031 lbmass		DRAWN DATE: 5/11/2020	
		SHEET. SIZE: D	SCALE: 2 / 1
DETAIL NO. PL-LB2			REV. A

APPLICABLE PRODUCTS

PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
KEYENCE #CA-DRW10X	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	A
KEYENCE #CA DRW13M	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	B



PATENT PENDING

BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED

MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED

ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS

STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

ZONE	REV	DESCRIPTION	DATE	APPROVED BY
A		RELEASED TO PRODUCTION	3/6/2020	S. RILEY

REVISIONS

ADandD.com **Pop-Link** Mounting Systems

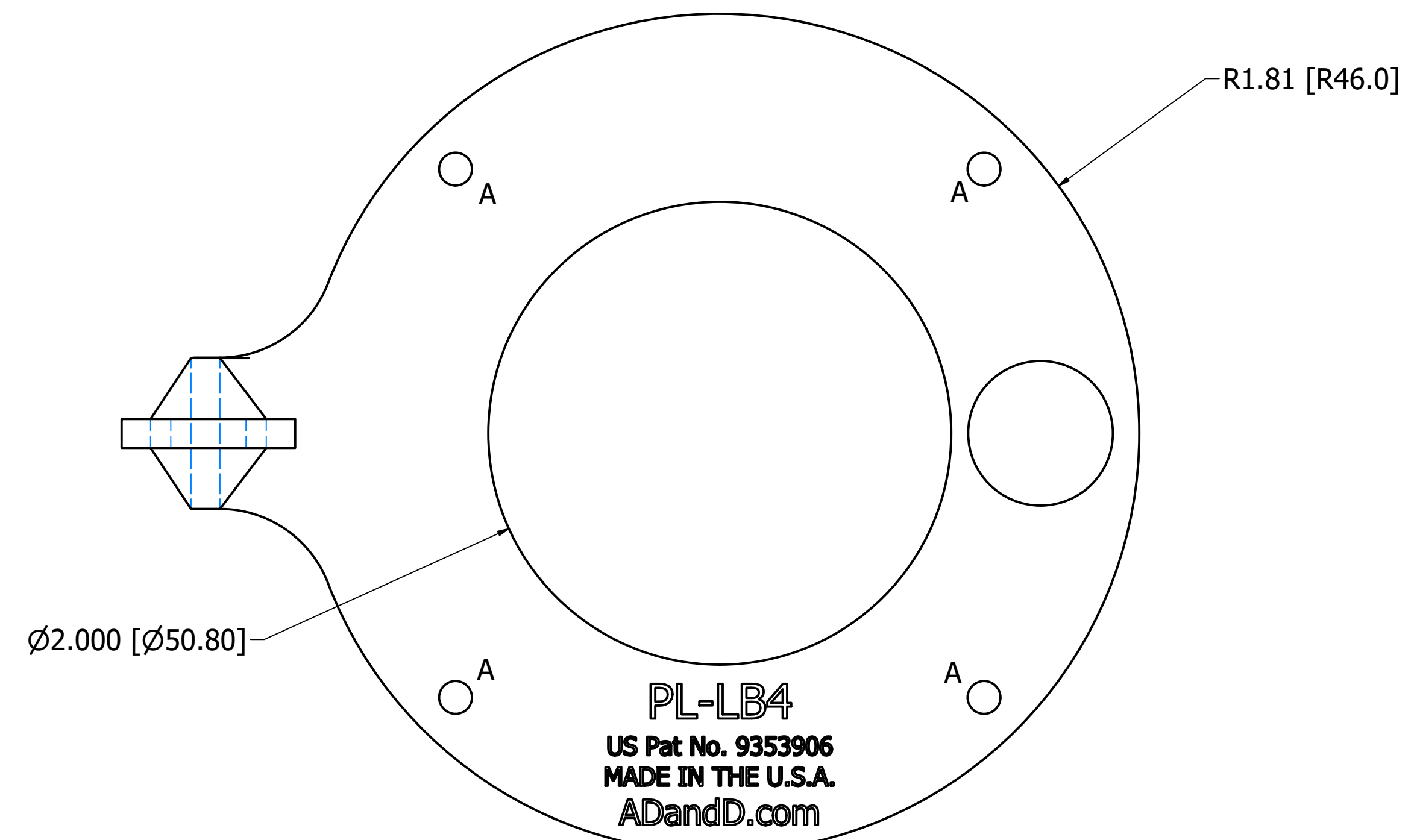
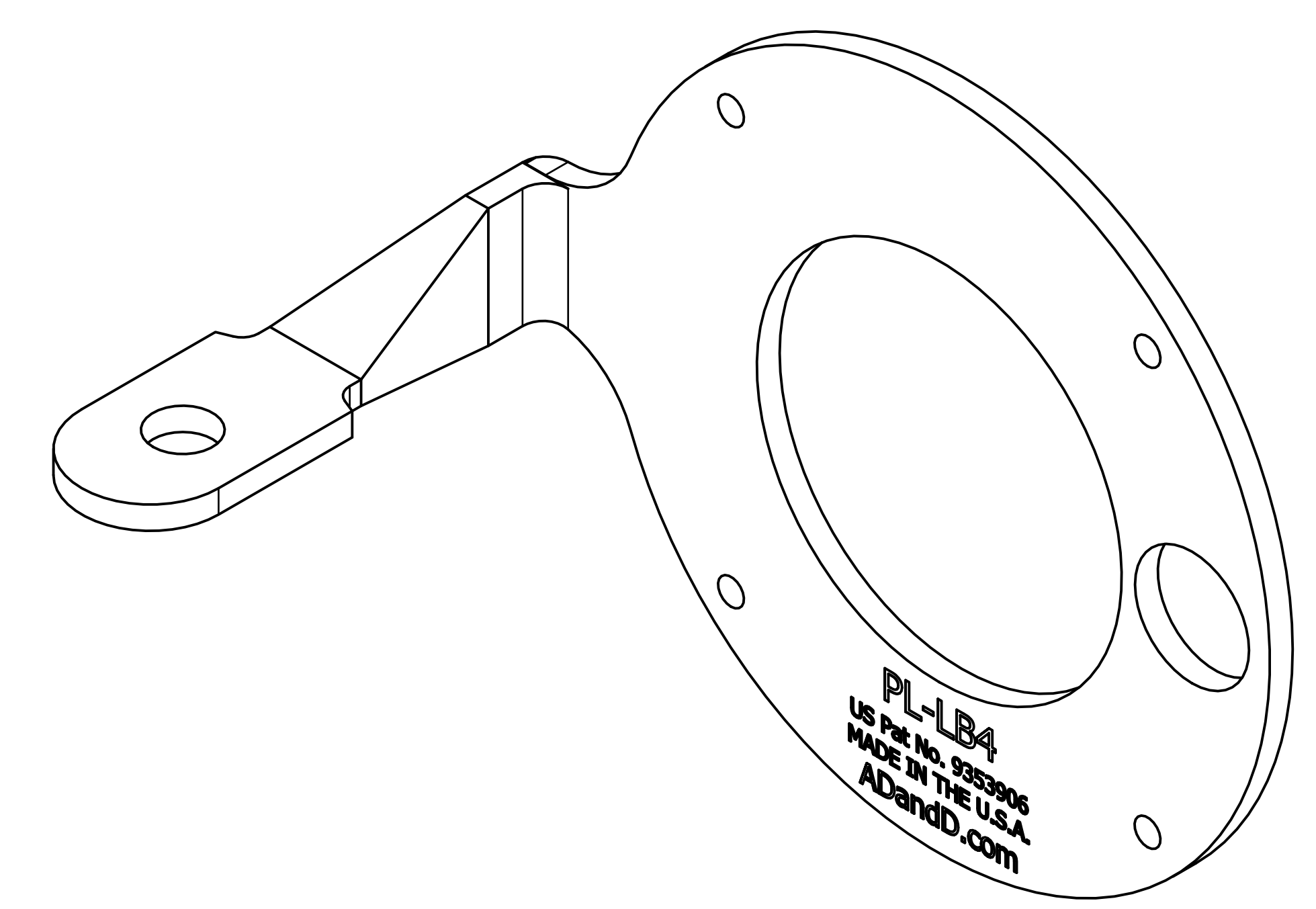
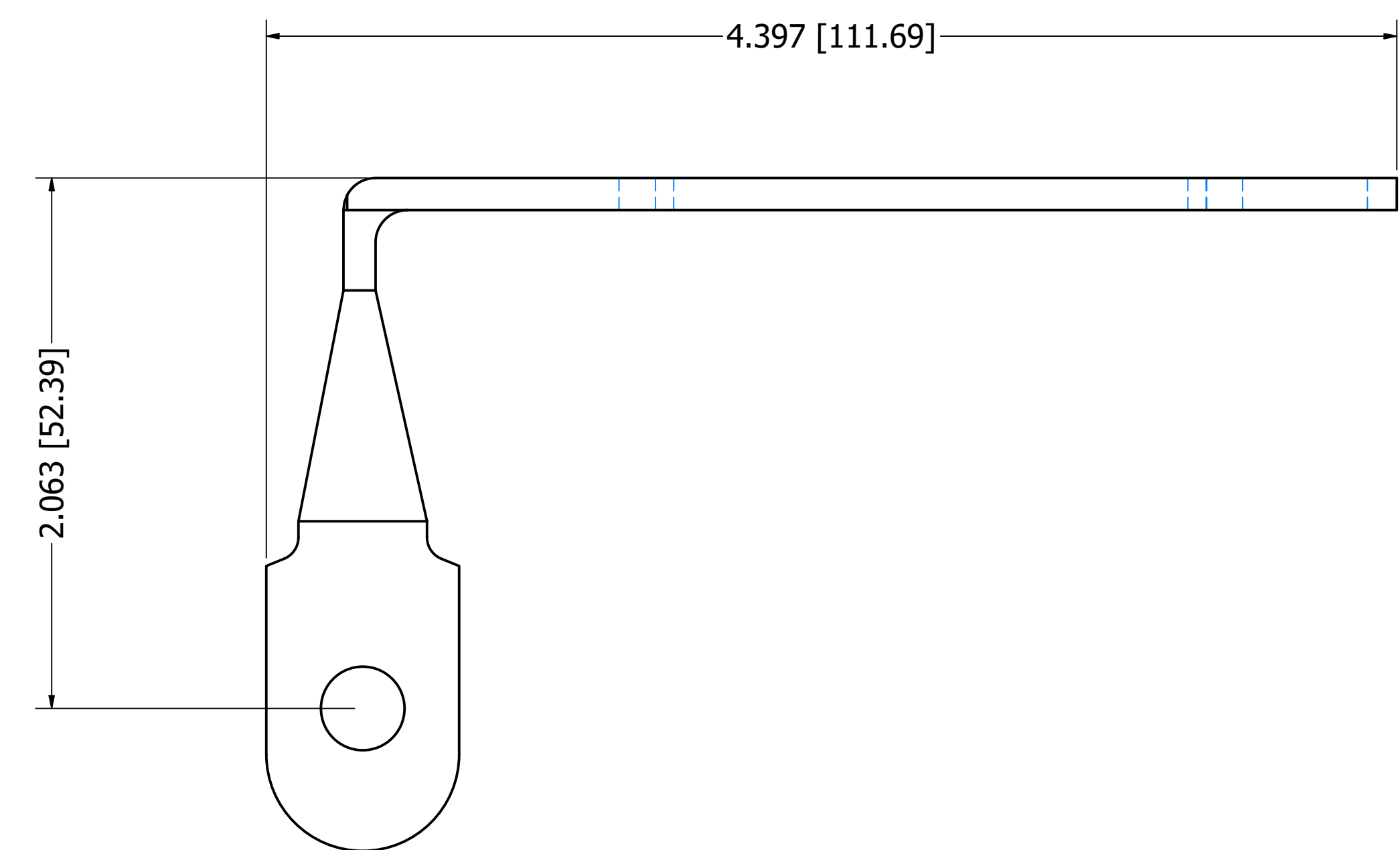
PL LIGHT BRACKET 3

MATERIAL:	DESIGNED BY: D. BIDDINGER
FINISH:	DRAWN BY: S. RILEY
WT.(LBS): 0.518 lbmass	DRAWN DATE: 5/26/2020
SHEET. SIZE: D	SCALE: 2 / 1

DETAIL NO. PL-LB3

REV. A

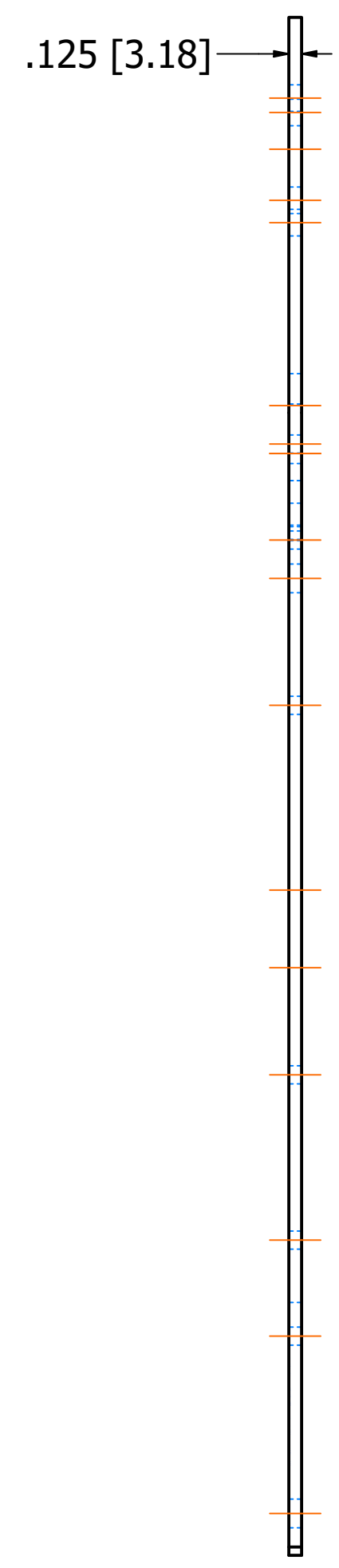
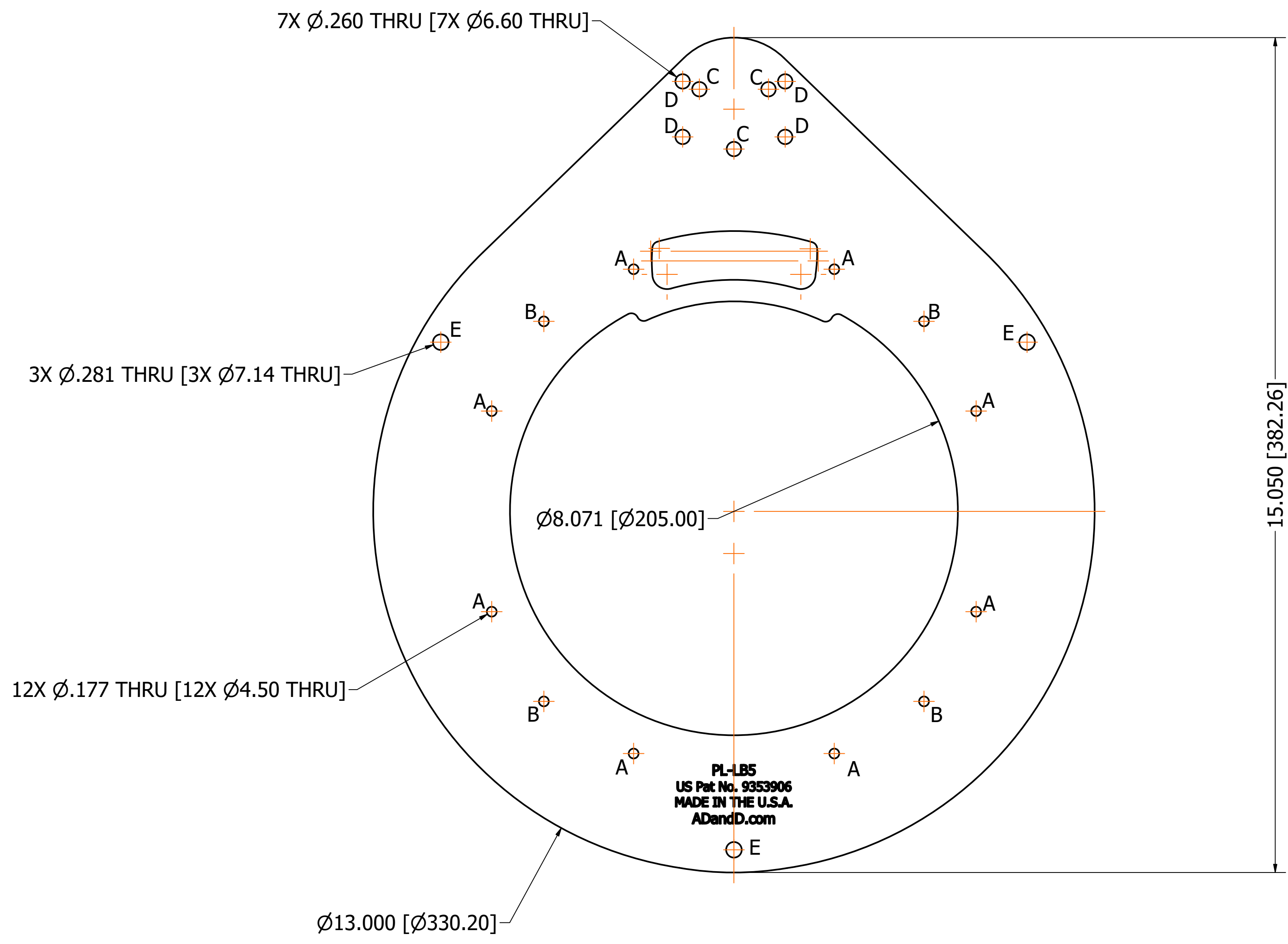
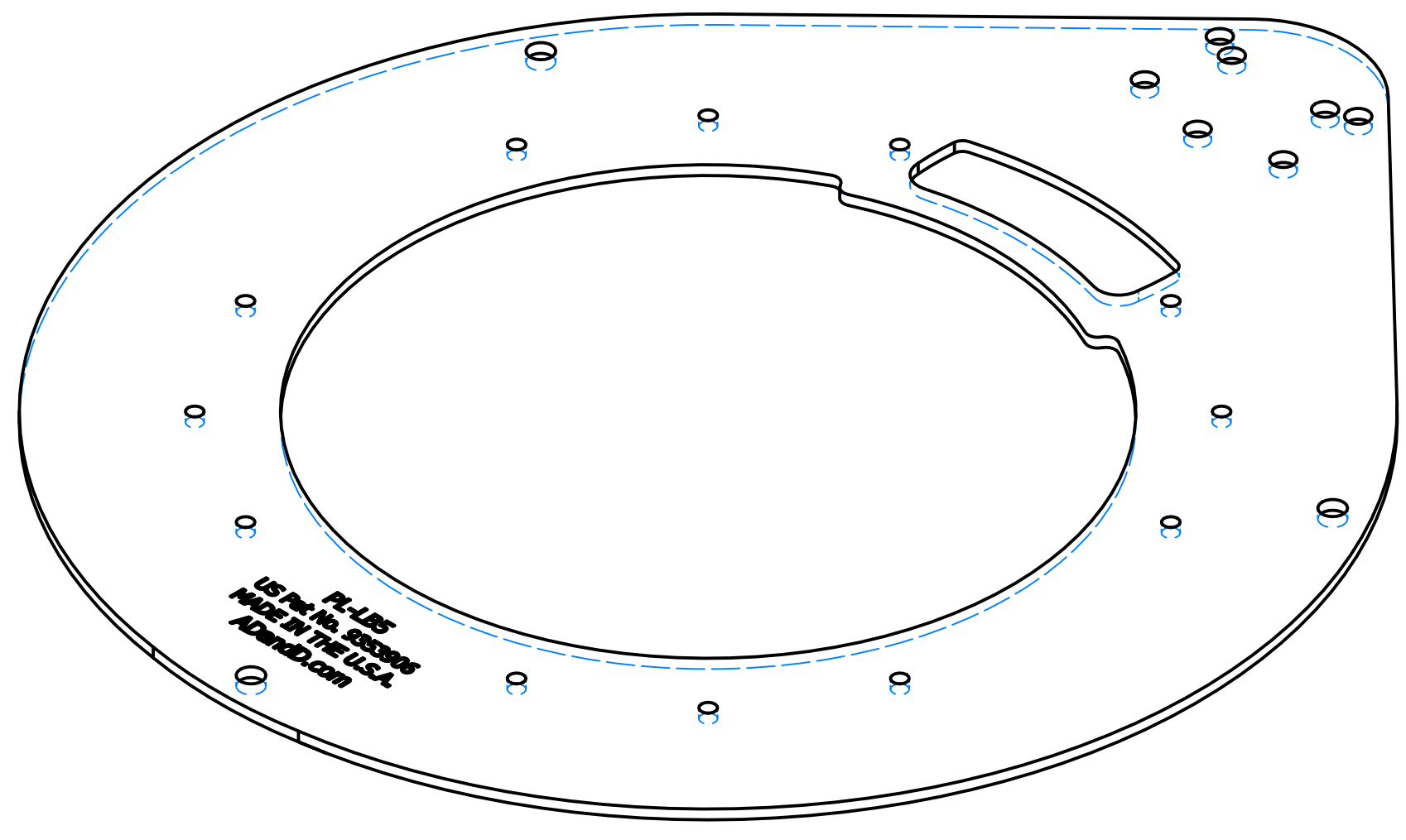
APPLICABLE PRODUCTS		
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
KEYENCE #CA-DRW5X	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	A



PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. $\pm .030$	FLATNESS
3 PLACE DEC. $\pm .005$	STRAIGHTNESS
4 PLACE DEC. $\pm .0005$	CIRCULARITY
ANGLES $\pm 1^\circ$	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE
REVISIONS			
Pop-Link Mounting Systems			
PL LIGHT BRACKET LB4			
MATERIAL:		DESIGNED BY: DOUG	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.322 lbmass		DRAWN DATE: 5/26/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-LB4			REV. A

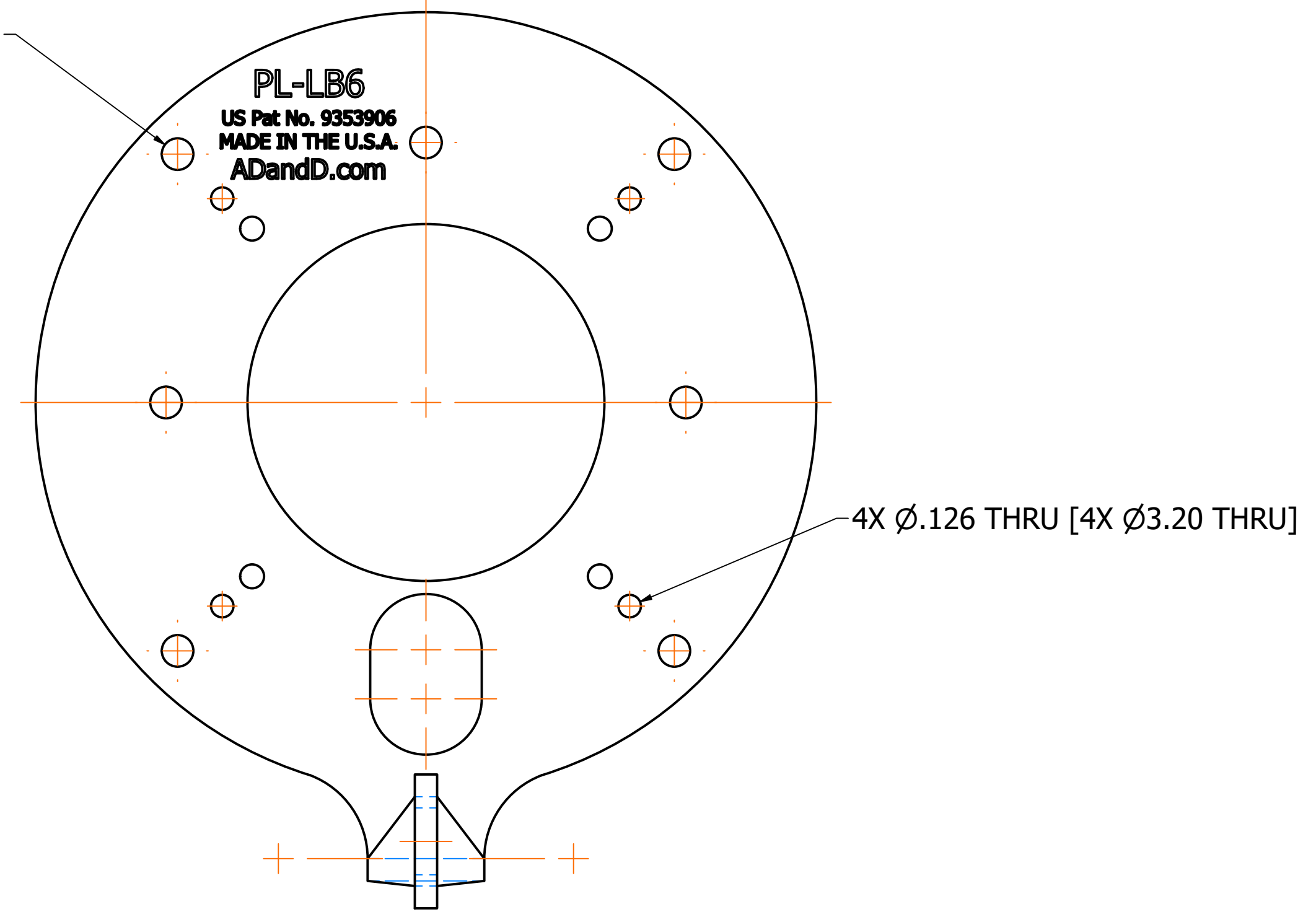
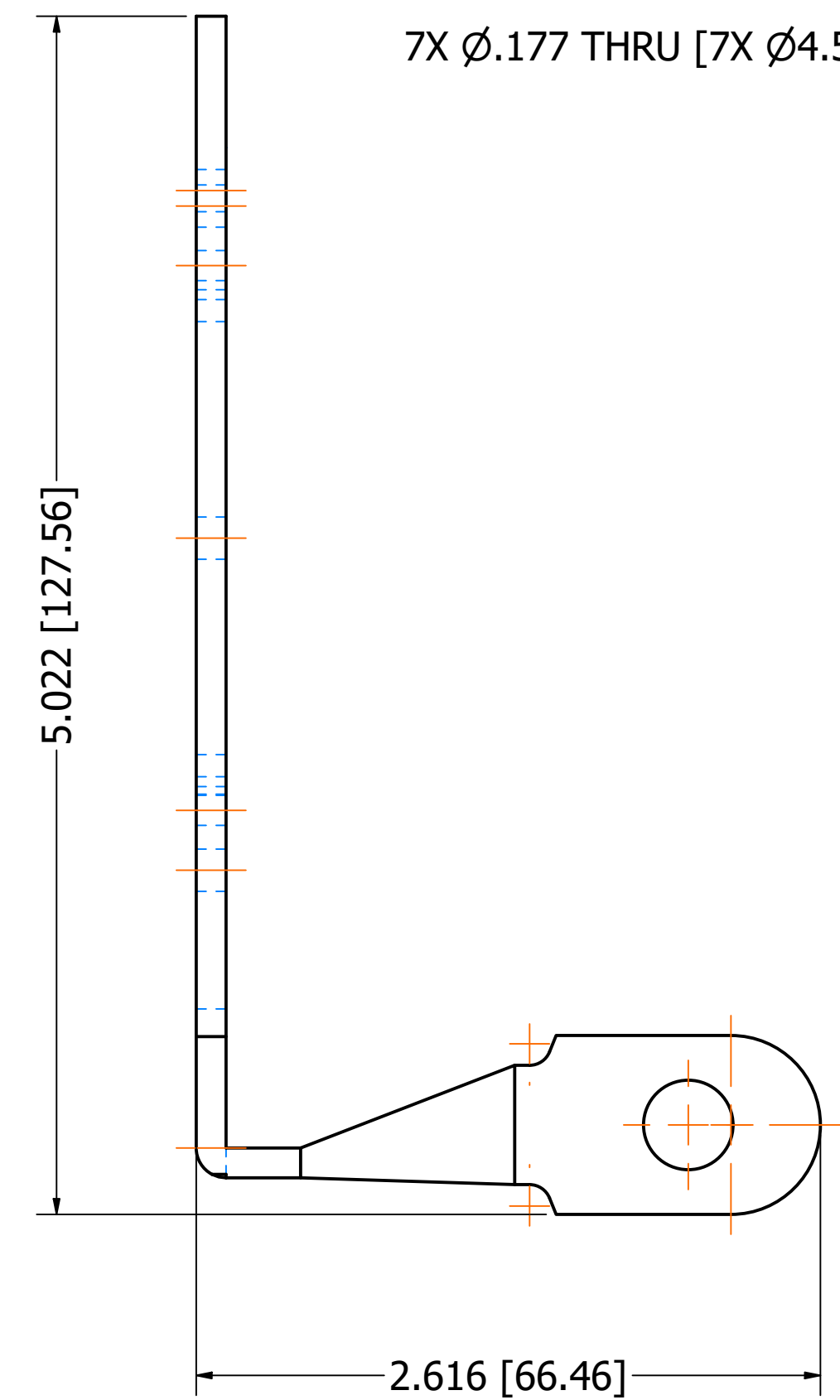
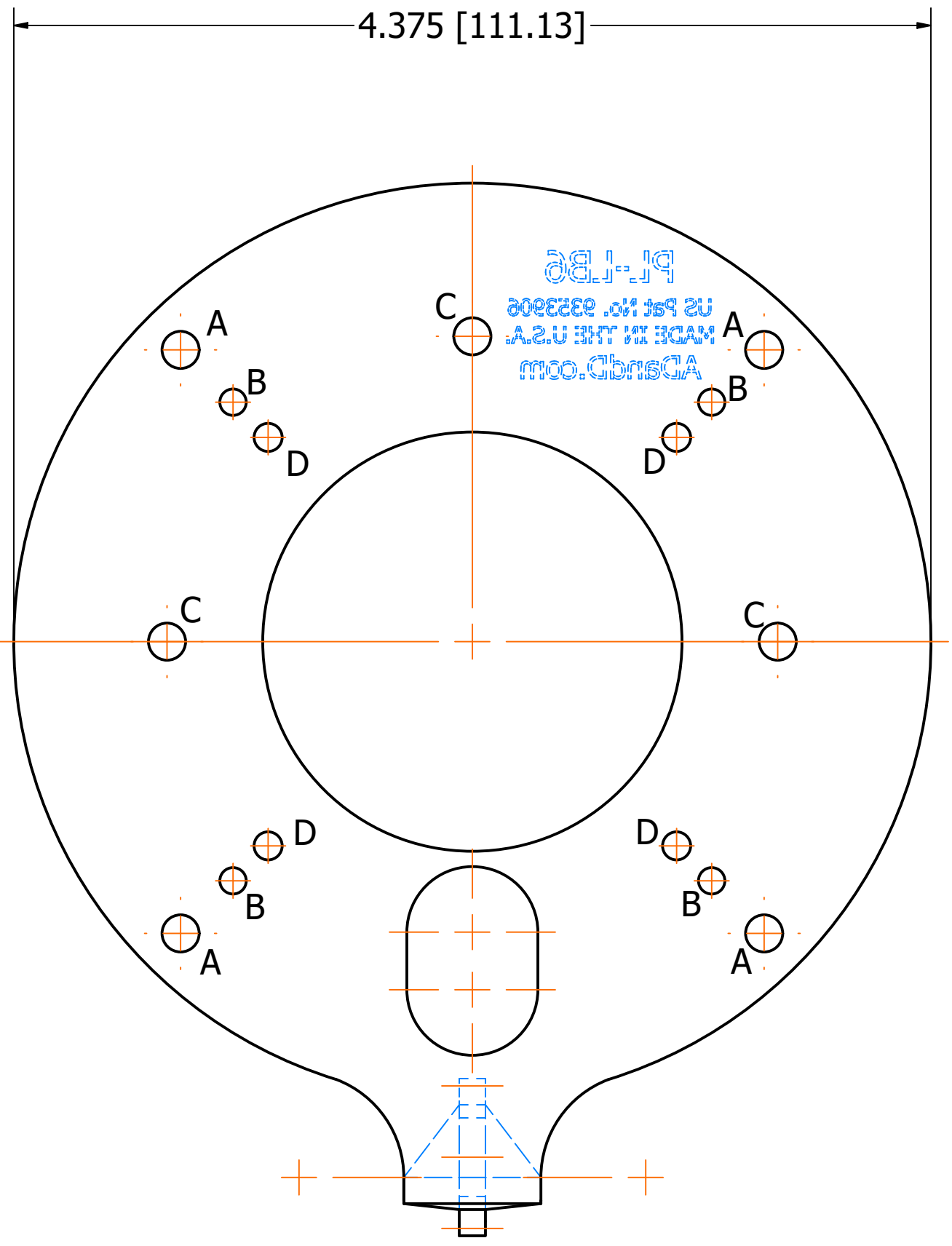
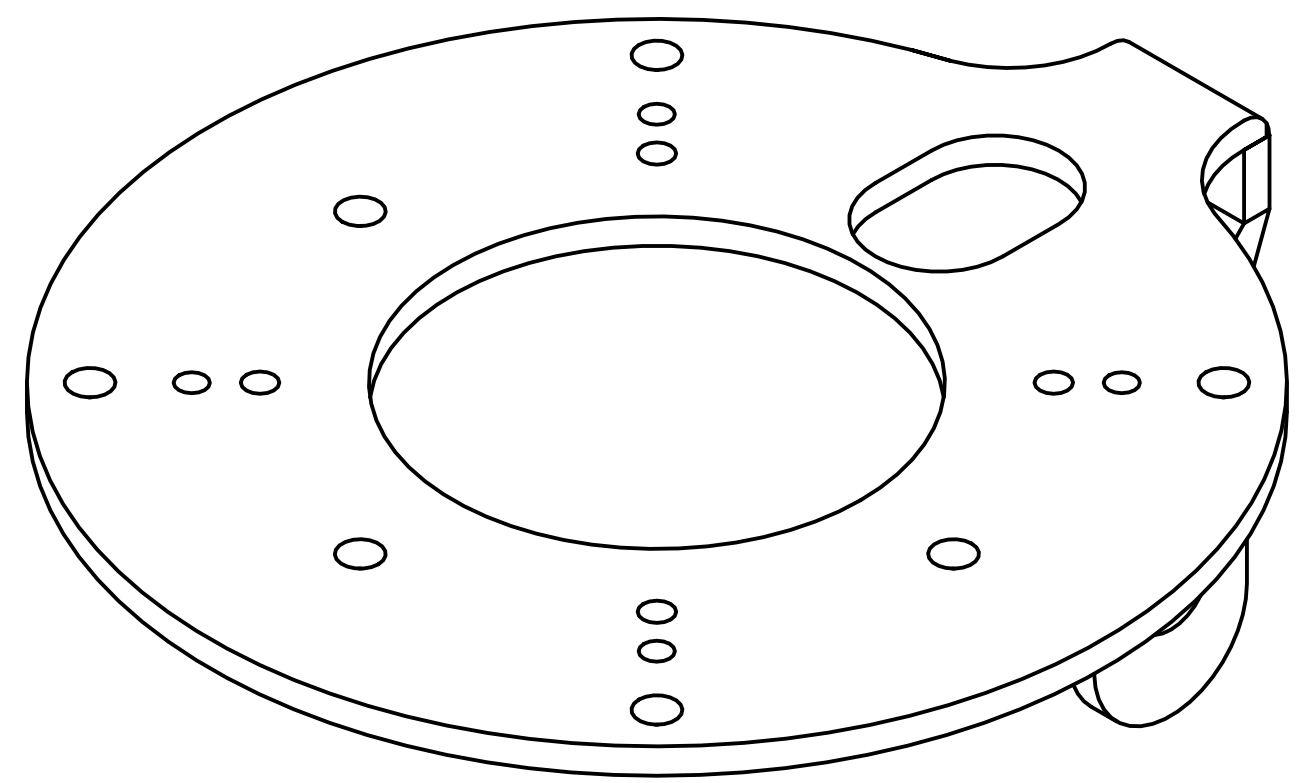
APPLICABLE PRODUCTS		
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
KEYENCE #CA-DRM20X	(8) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	A
KEYENCE #CA-DRW20X	(4) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	B
AD&D PL-BALLBASE	(3) S.H.C.S. - M6-1.0mm X 14mm 18-8SS (3) JAM NUT - M6-1.0mm 18-8SS	C
AD&D #HDPL-BALLBASE	(3) S.H.C.S. - M6-1.0mm X 20mm 18-8SS (3) JAM NUT - M6-1.0mm 18-8SS	D
ALTERNATIVE MOUNTING	NO FASTENERS ENCLUDED	E



PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE/REV	DESCRIPTION	DATE	APPROVED BY
REVISIONS			
Pop-Link Mounting Systems			
PL LIGHT BRACKET LB5			
MATERIAL:		DESIGNED BY: S. RILEY	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 3.147 lbmass		DRAWN DATE: 6/15/2020	
SHEET. SIZE: D		SCALE: 2 / 3	
DETAIL NO. PL-LB5			REV. A

APPLICABLE PRODUCTS		
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
KEYENCE CA-DRM5X	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	A
KEYENCE CA-DRW5X	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	B
KEYENCE CA-DRW10F	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	D
SMART VISION LIGHTS R80	(3) S.H.C.S. - M4-0.7mm X 6mm 18-8SS	C



ZONE	REV	DESCRIPTION	DATE	APPROVED BY
B		ADDED MOUNTING FOR KEYENCE CA-DRW10F	11/18/2020	S. RILEY
A		RELEASED TO PRODUCTION	3/6/2020	S. RILEY

REVISIONS

Pop-Link[®] Mounting Systems

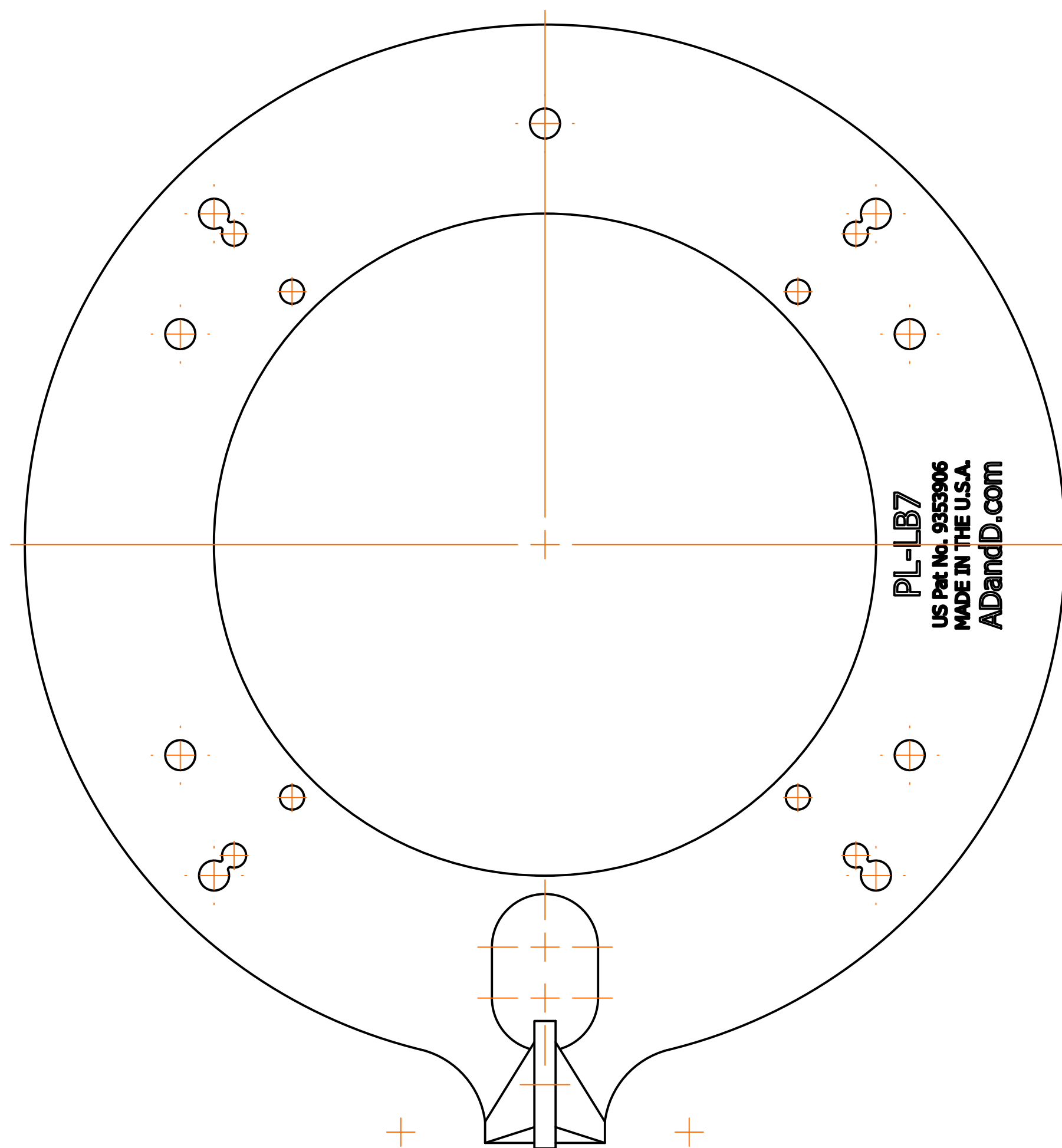
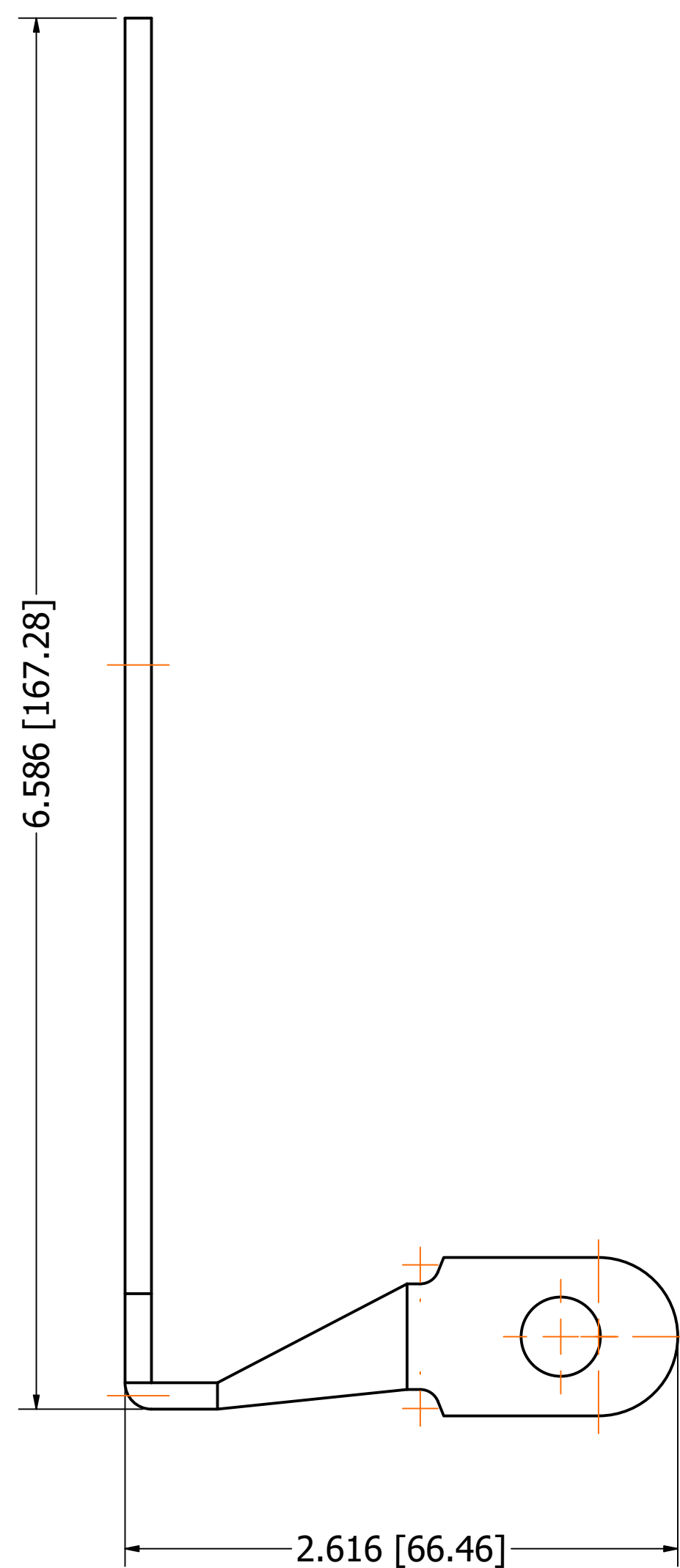
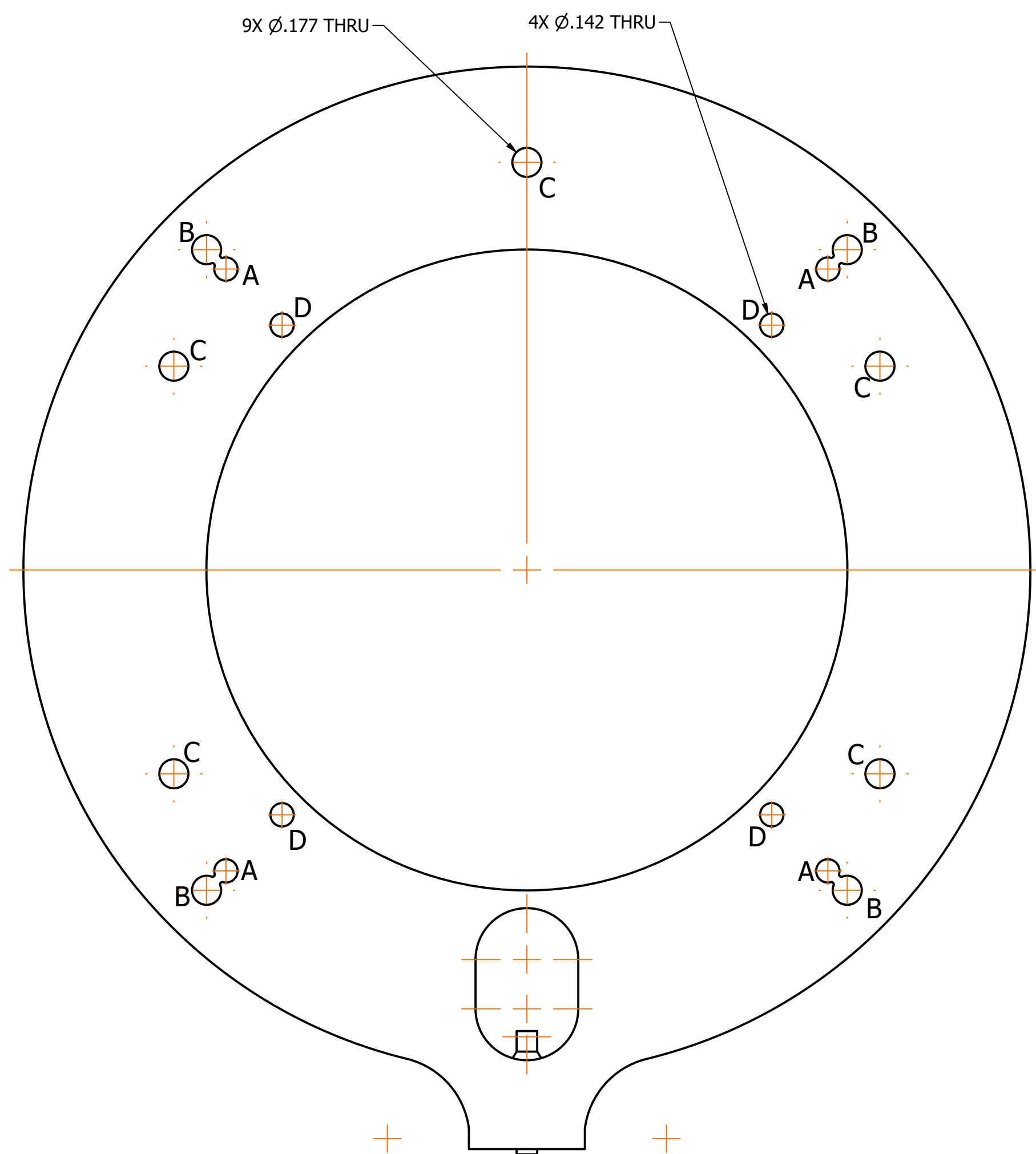
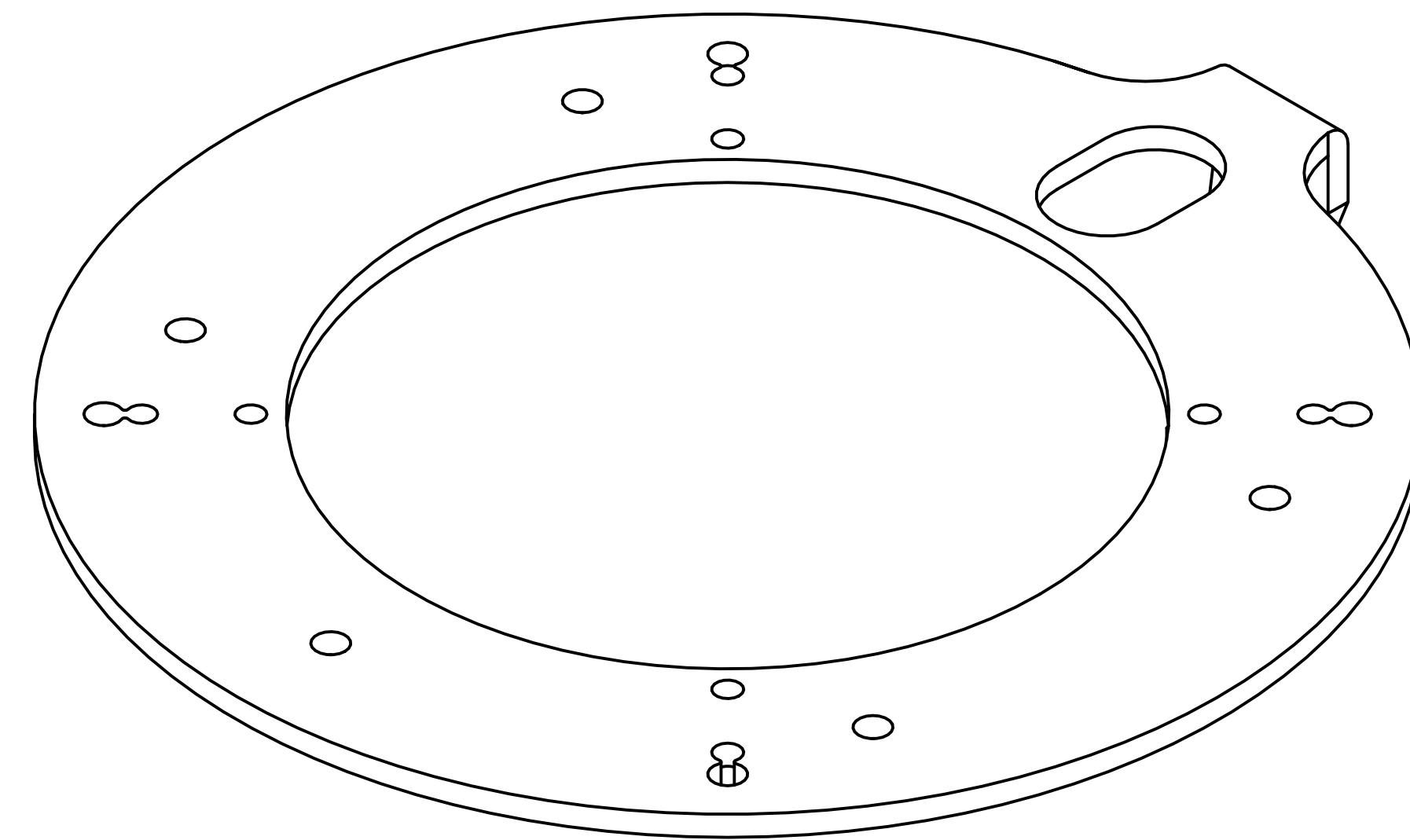
PL LIGHT BRACKET 6	
MATERIAL:	DESIGNED BY: S. RILEY
FINISH:	DRAWN BY: S. RILEY
WT.(LBS): 0.477 lbmass	DRAWN DATE: 5/15/2020
SHEET. SIZE: D	SCALE: 3 / 2

PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED 2 PLACE DEC. ± .030 3 PLACE DEC. ± .005 4 PLACE DEC. ± .0005 ANGLES ± 1° THIRD ANGLE PROJECTION	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994


DETAIL NO. PL-LB6	REV. B
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APPLICABLE PRODUCTS

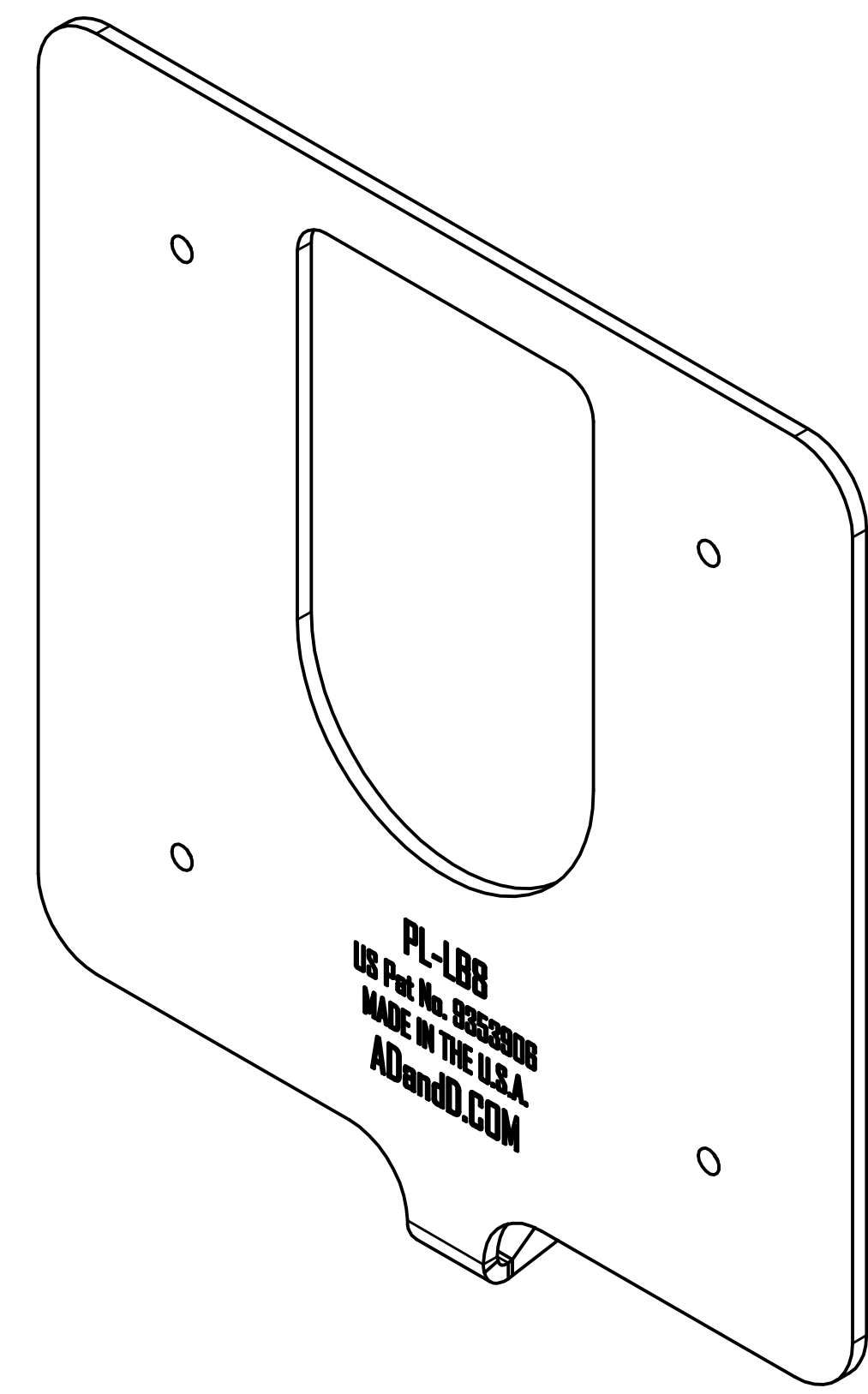
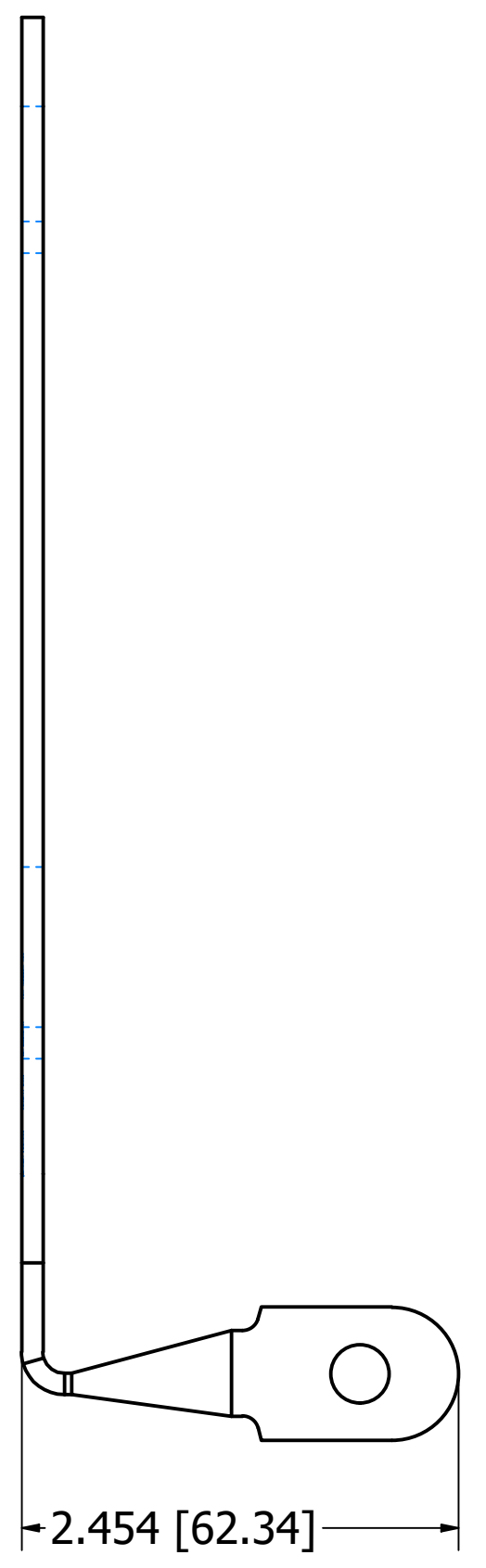
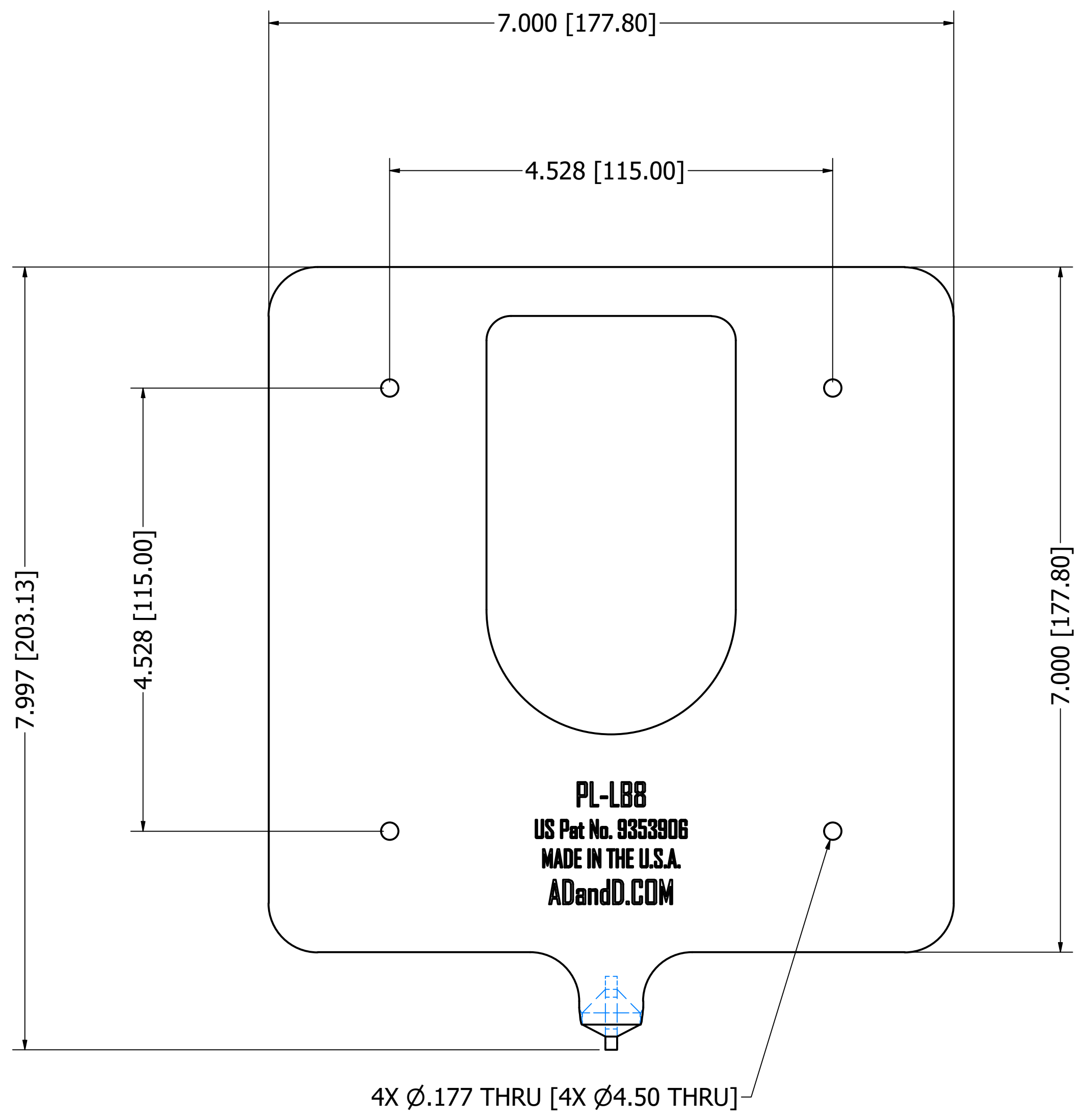
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
KEYENCE CA-DRW10X	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	A
KEYENCE CA-DRM10X	(4) S.H.C.S. - M4-0.7mm X 6mm 18-8SS	B
KEYENCE CA-DRW13X	(4) S.H.C.S. - M3-0.5mm X 6mm 18-8SS	D
SMART VISION LIGHTS R130	(5) S.H.C.S. - M4-0.7mm X 6mm 18-8SS	C



PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE
REVISIONS			
 Pop-Link Mounting Systems			
PL LIGHT BRACKET 7			
MATERIAL:		DESIGNED BY: S. RILEY	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.680 lbmass		DRAWN DATE: 5/14/2020	
SHEET. SIZE: D		SCALE: 3 / 2	
DETAIL NO. PL-LB7			REV. A

APPLICABLE PRODUCTS		
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)	BOLT PATTERN
KEYENCE #CA-DQP12X	(4) S.H.C.S. - M4-0.7mm X 8mm 18-8SS	



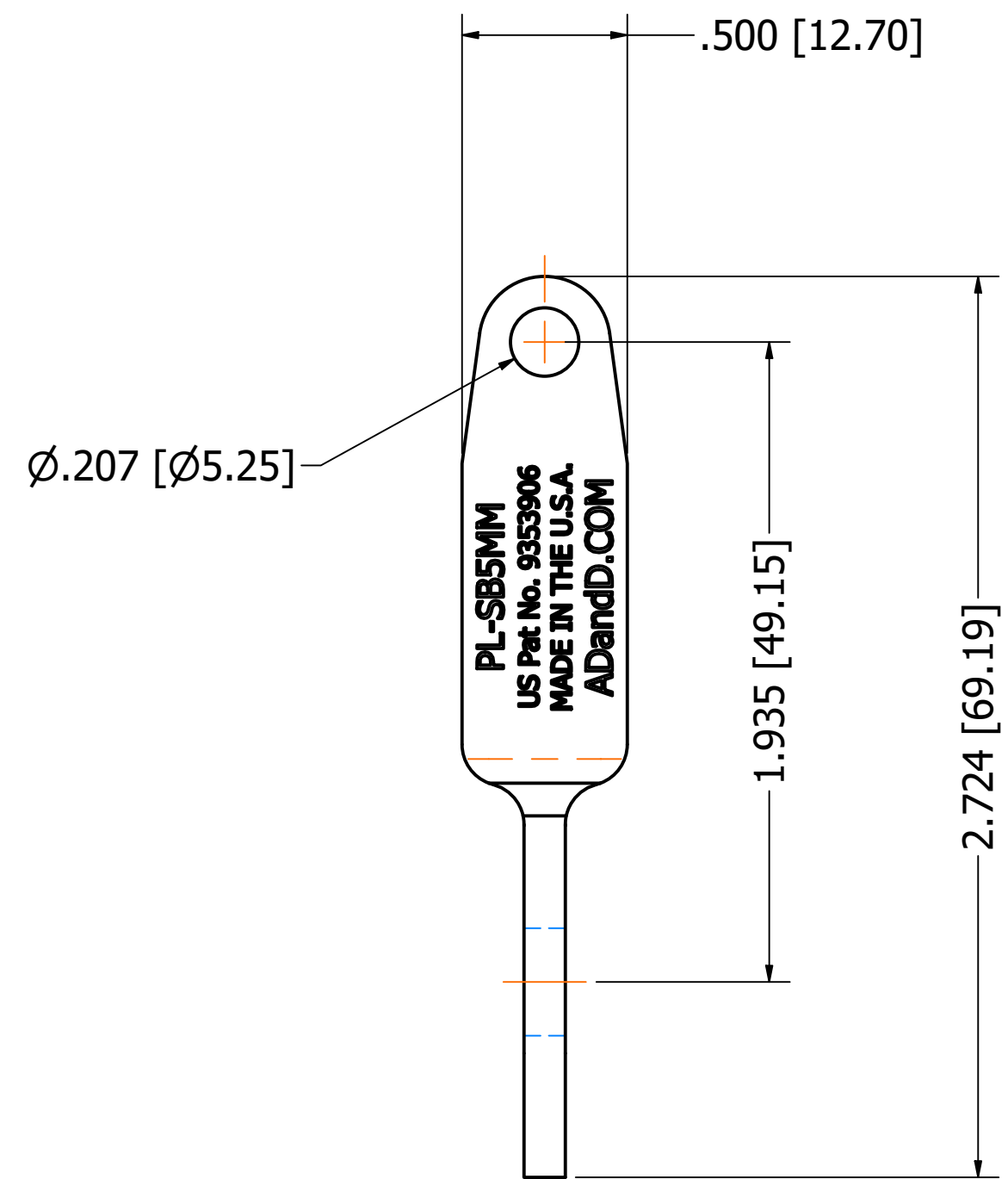
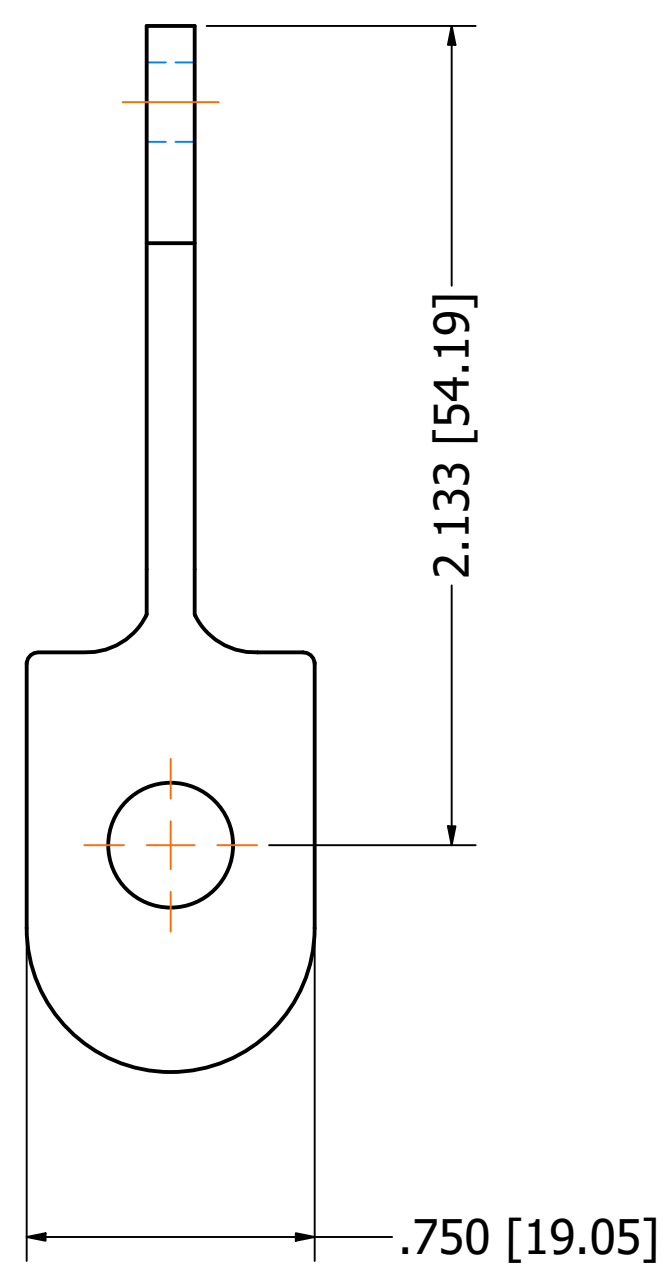
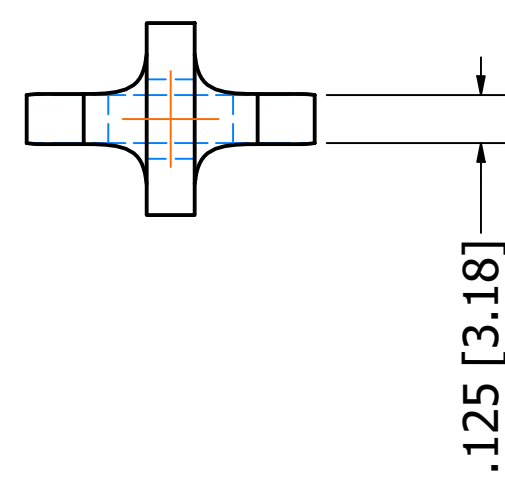
ZONE	REV	DESCRIPTION	DATE	APPROVED BY
A		RELEASED TO PRODUCTION	11/18/2020	S. RILEY



REVISIONS			
PL LIGHT BRACKET 8			
MATERIAL:	DESIGNED BY: S. RILEY		
FINISH:	DRAWN BY: S. RILEY		
WT.(LBS): 1.409 lbmass	DRAWN DATE: 11/18/2020		
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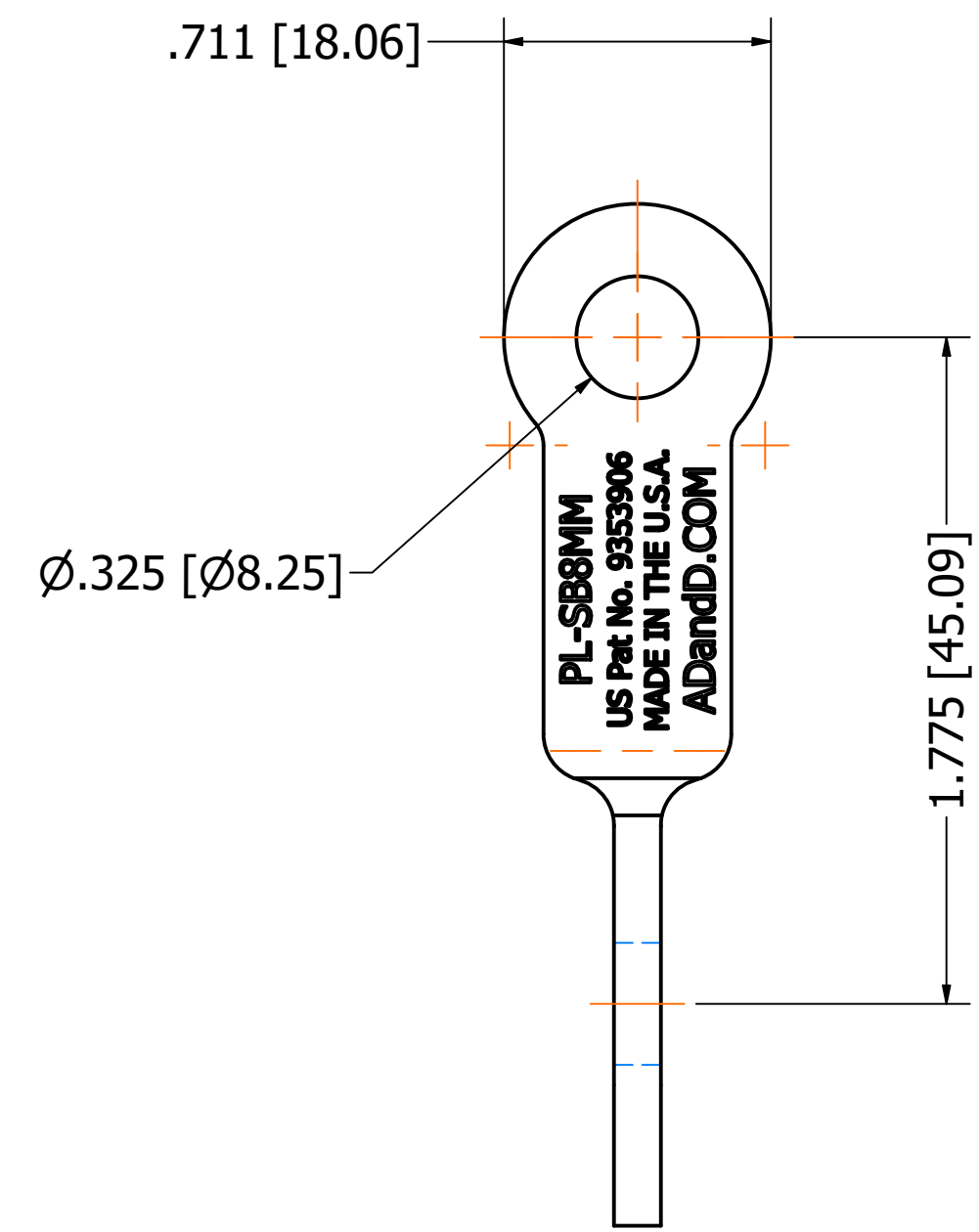
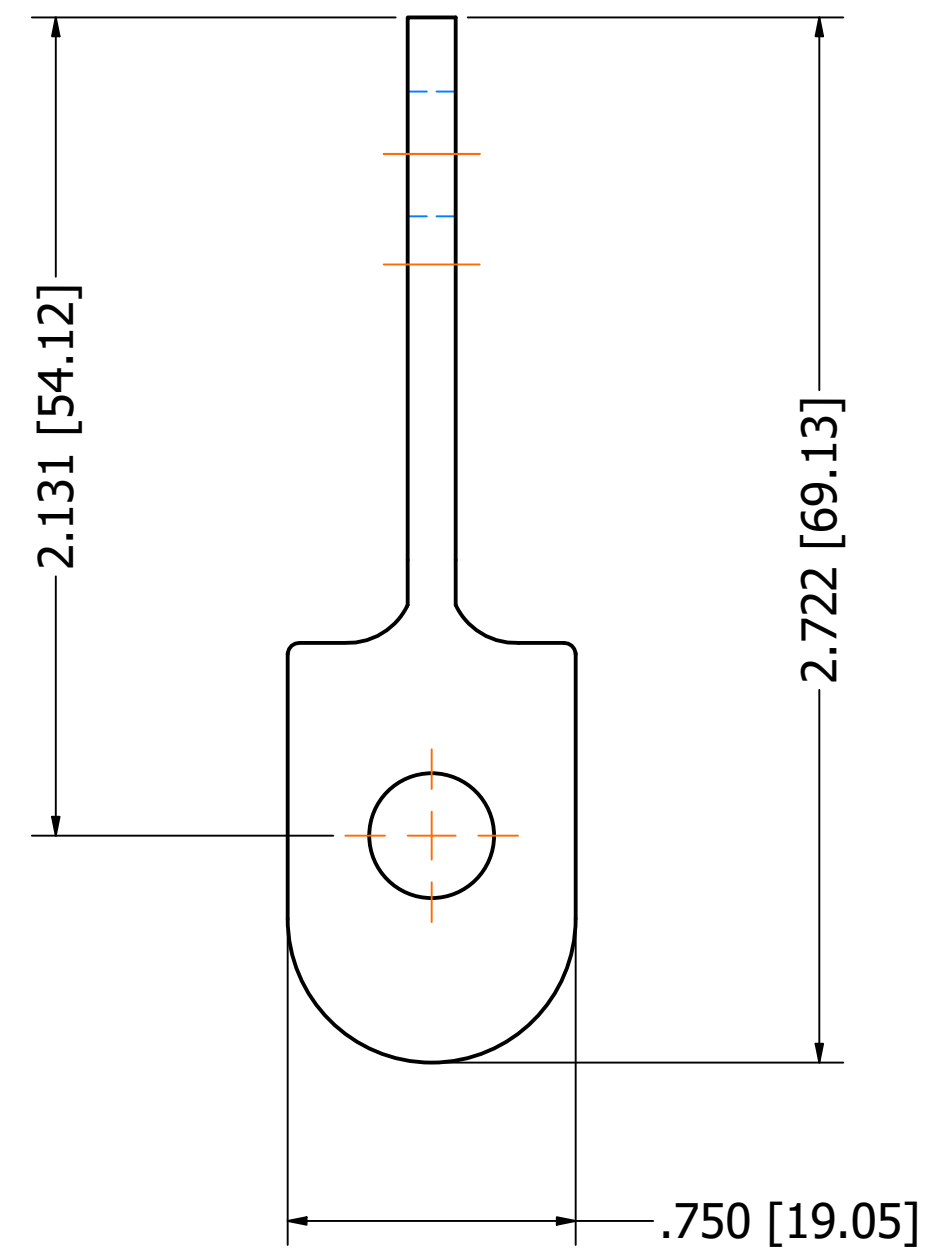
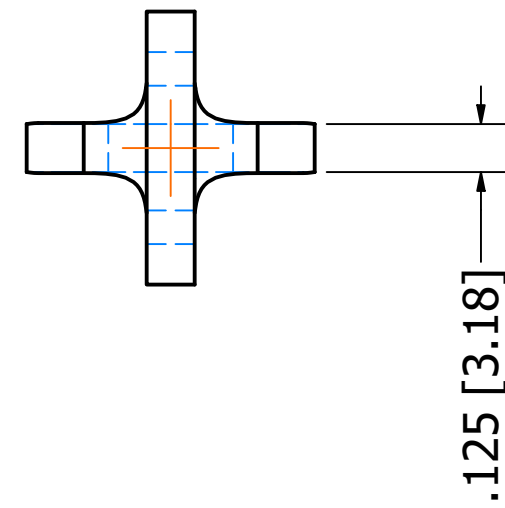
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED		GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994	
2 PLACE DEC. ± .030	FLATNESS	CIRC RUNOUT	TOTAL RUNOUT
3 PLACE DEC. ± .005	STRAIGHTNESS	POSITION	CONCENTRICITY
4 PLACE DEC. ± .0005	CIRCULARITY	DIAMETER	AT MAX MATL. CONDITION
ANGLES ± 1°	CYLINDRICITY	REGARDLESS OF FEATURE SIZE	AT LEAST MATL. CONDITION
	PROFILE OF A SURFACE	DATUM FEATURE	
	PERPENDICULARITY		
	PARALLELISM		
	ANGULARITY		

DETAIL NO. PL-LB8	REV. A
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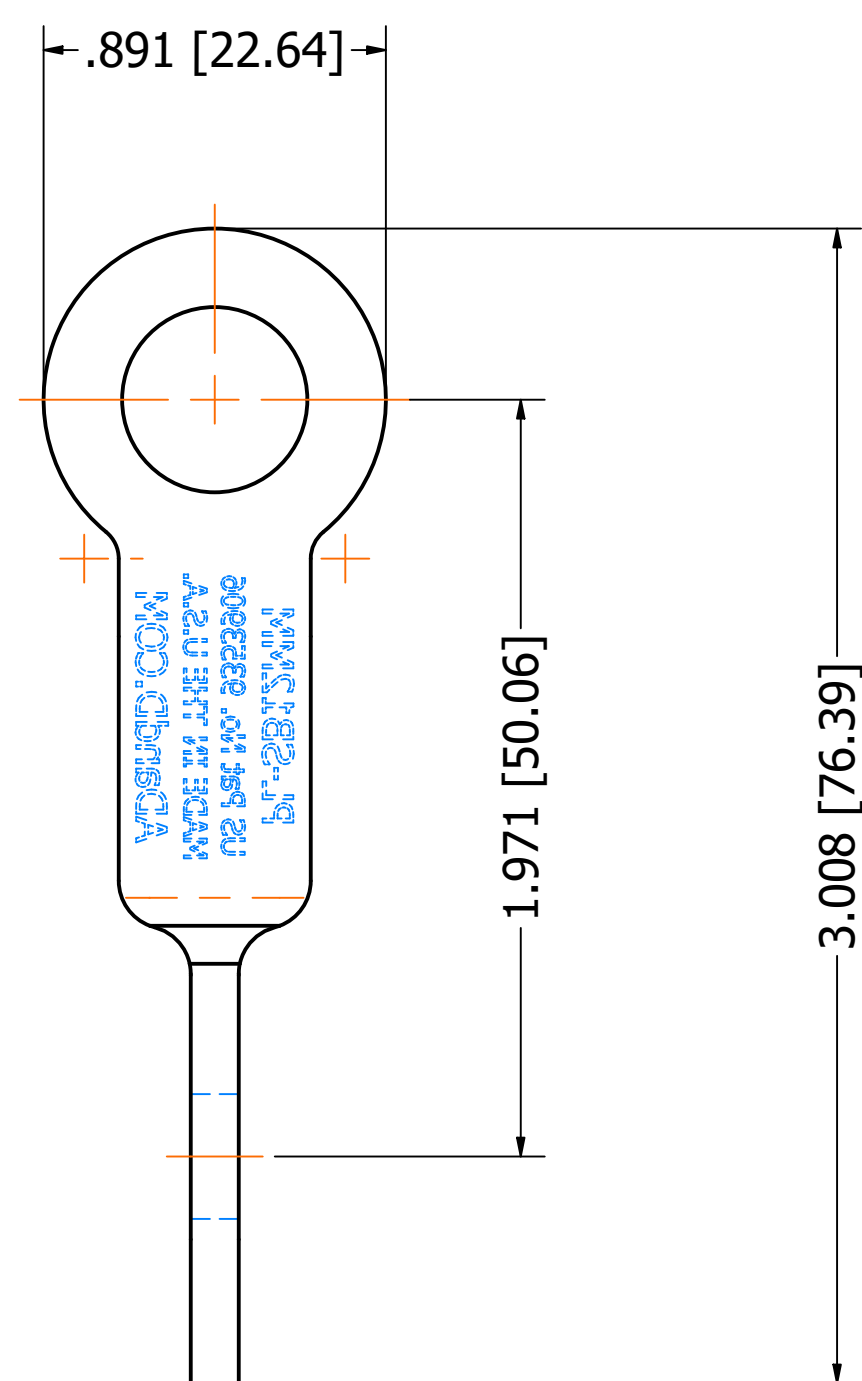
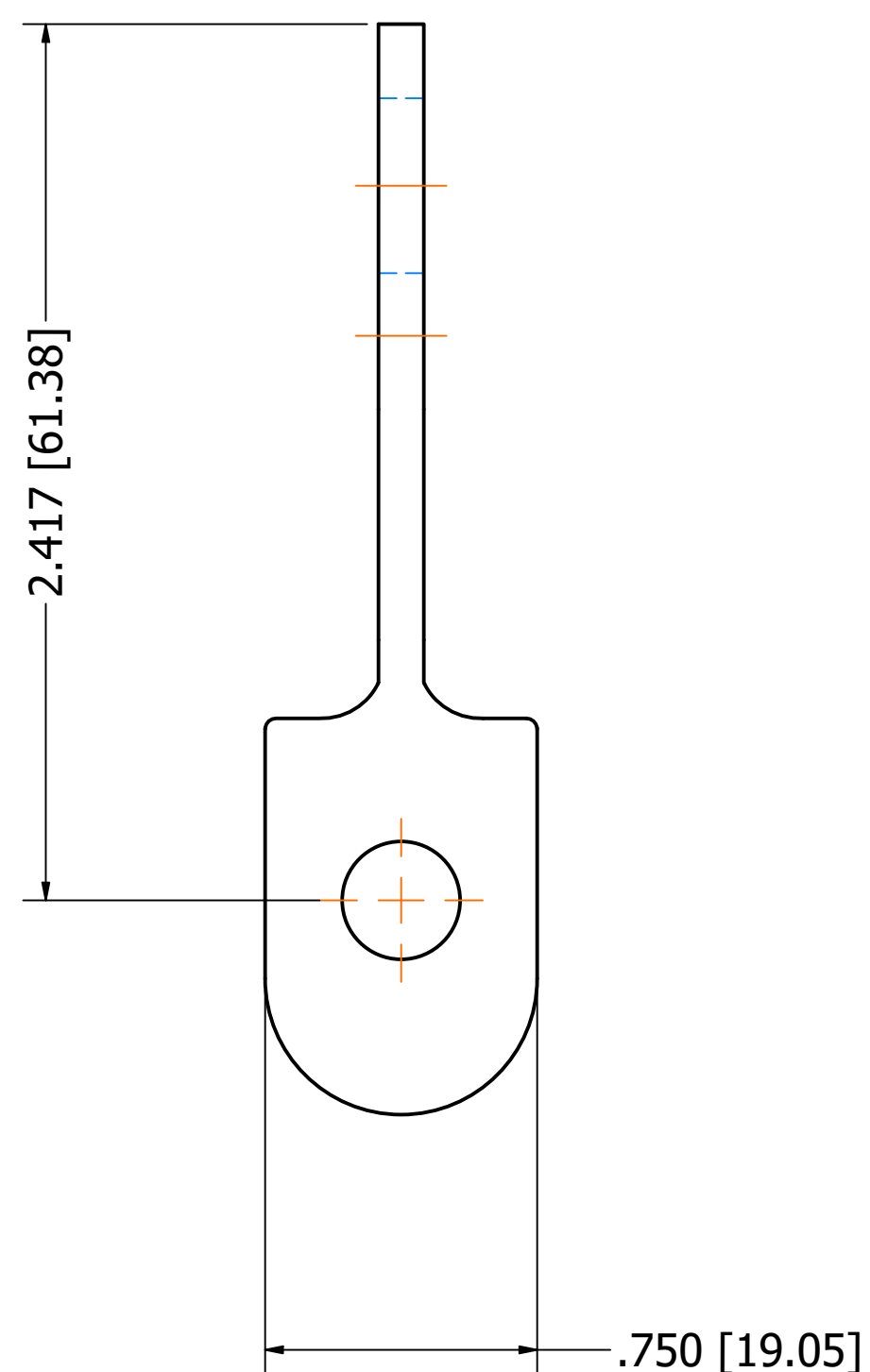
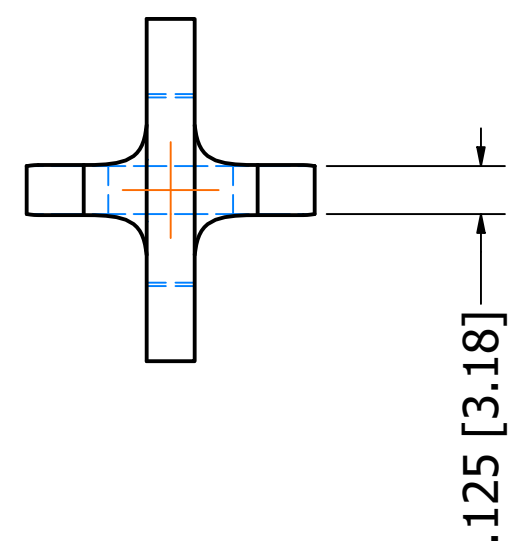
PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE
REVISIONS			
Pop-Link Mounting Systems			
PL 5mm SENSOR BRACKET			
MATERIAL:		DESIGNED BY: DOUG	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.050 lbmass		DRAWN DATE: 7/30/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-SB5MM			REV. A



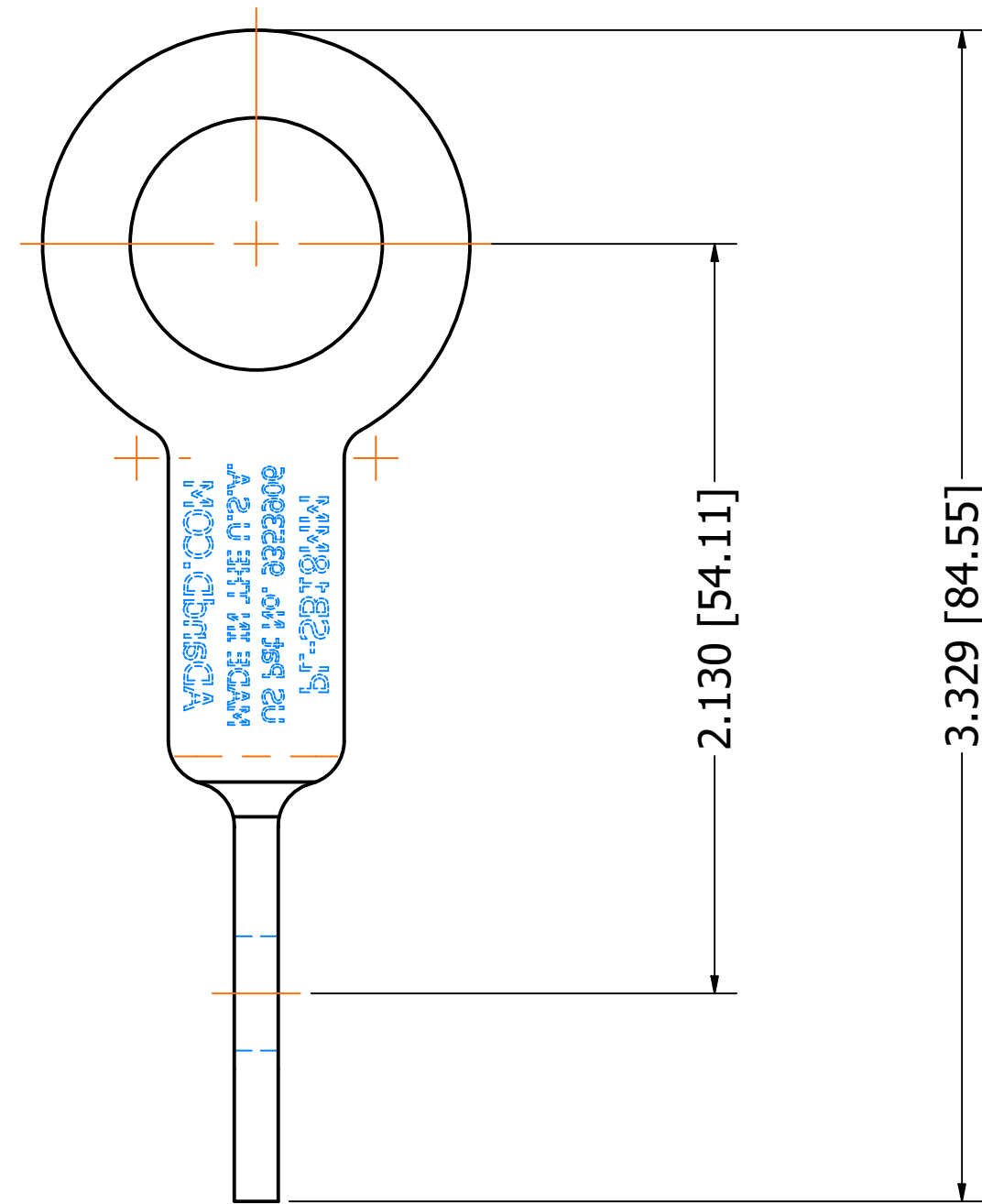
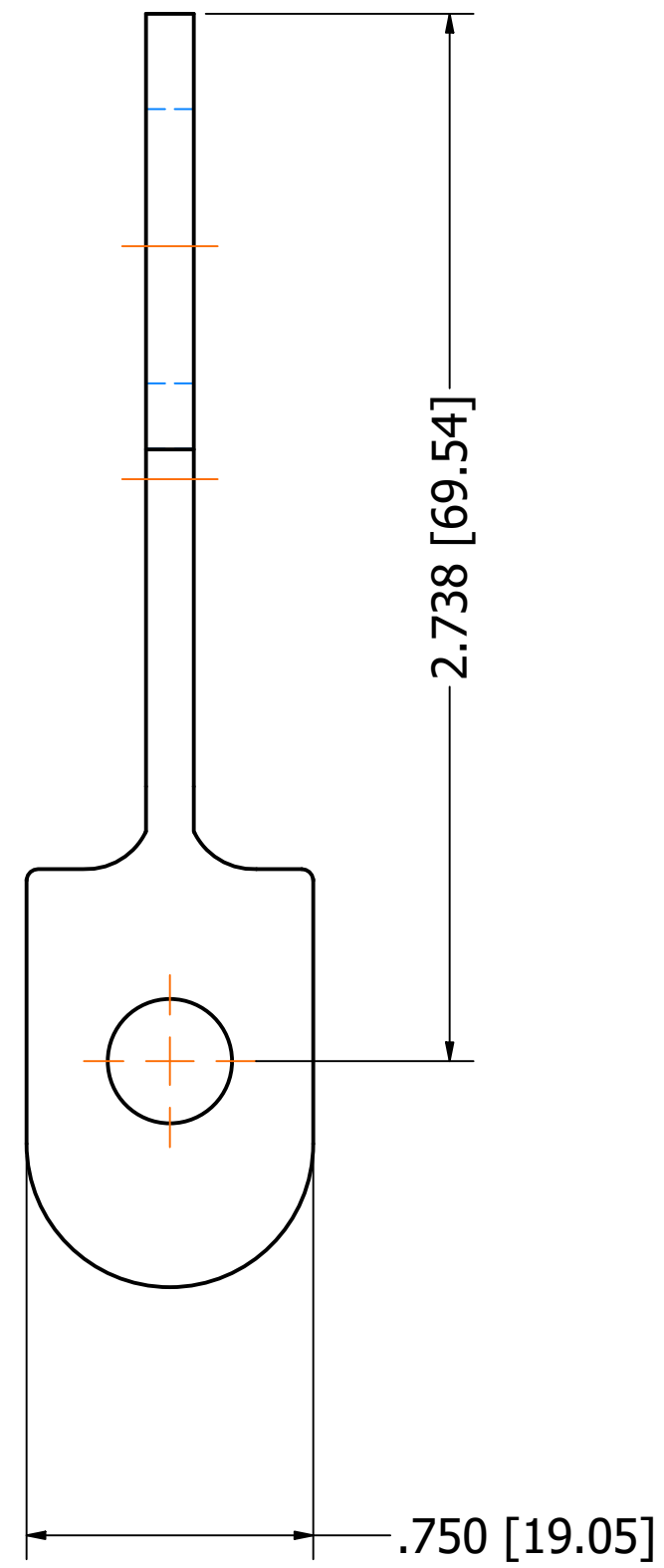
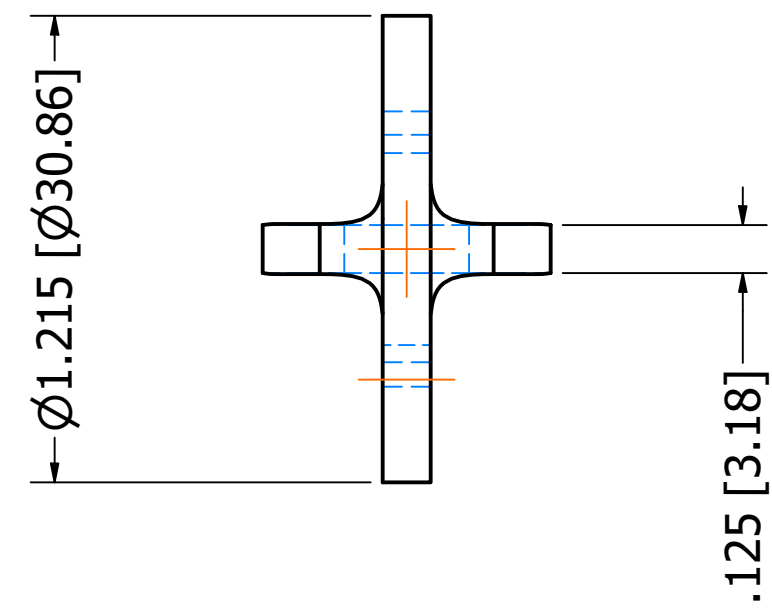
PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE
REVISIONS			
 Pop-Link Mounting Systems			
PL 8mm SENSOR BRACKET			
MATERIAL:		DESIGNED BY: DOUG	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.052 lbmass		DRAWN DATE: 7/30/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-SB8MM			REV. A




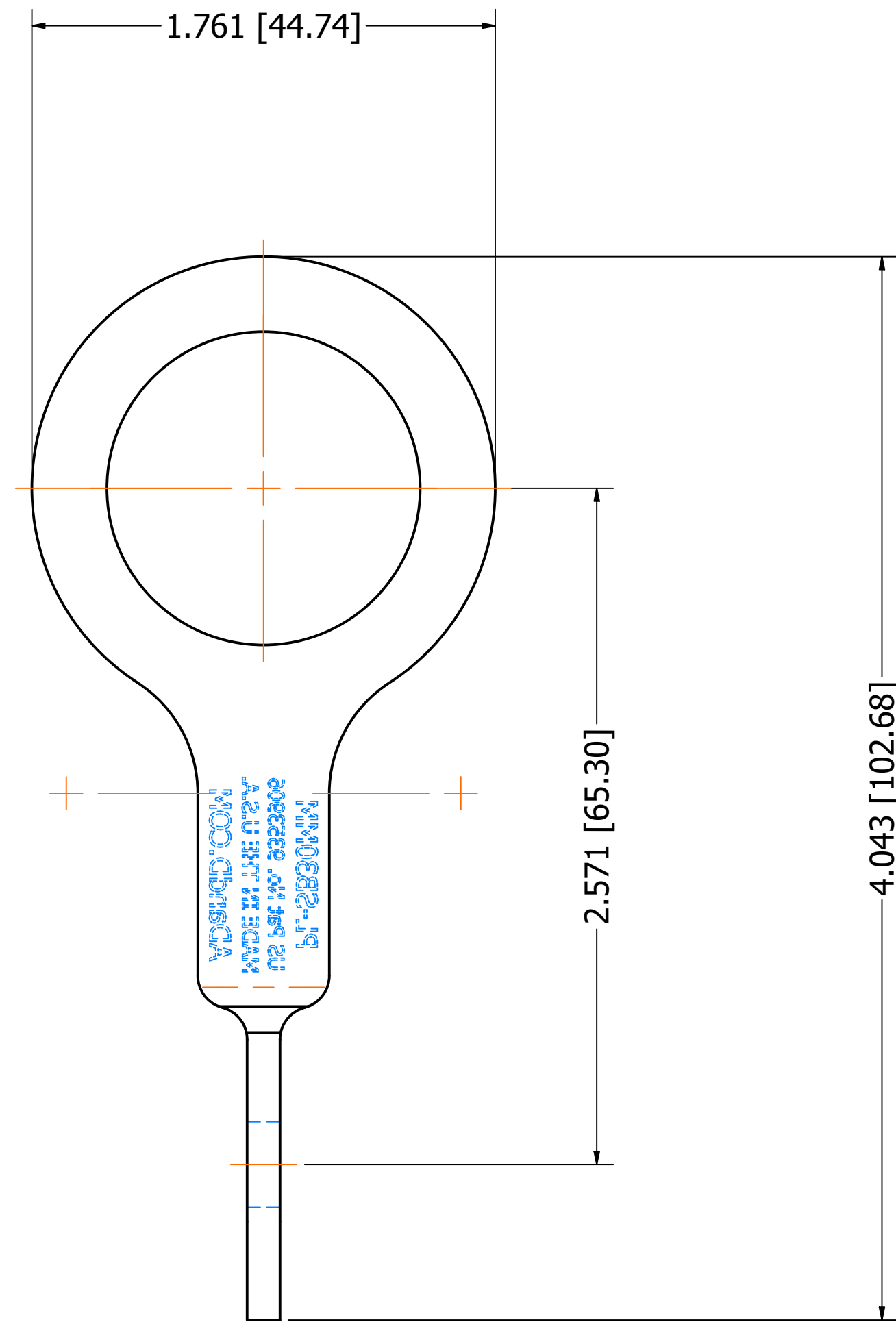
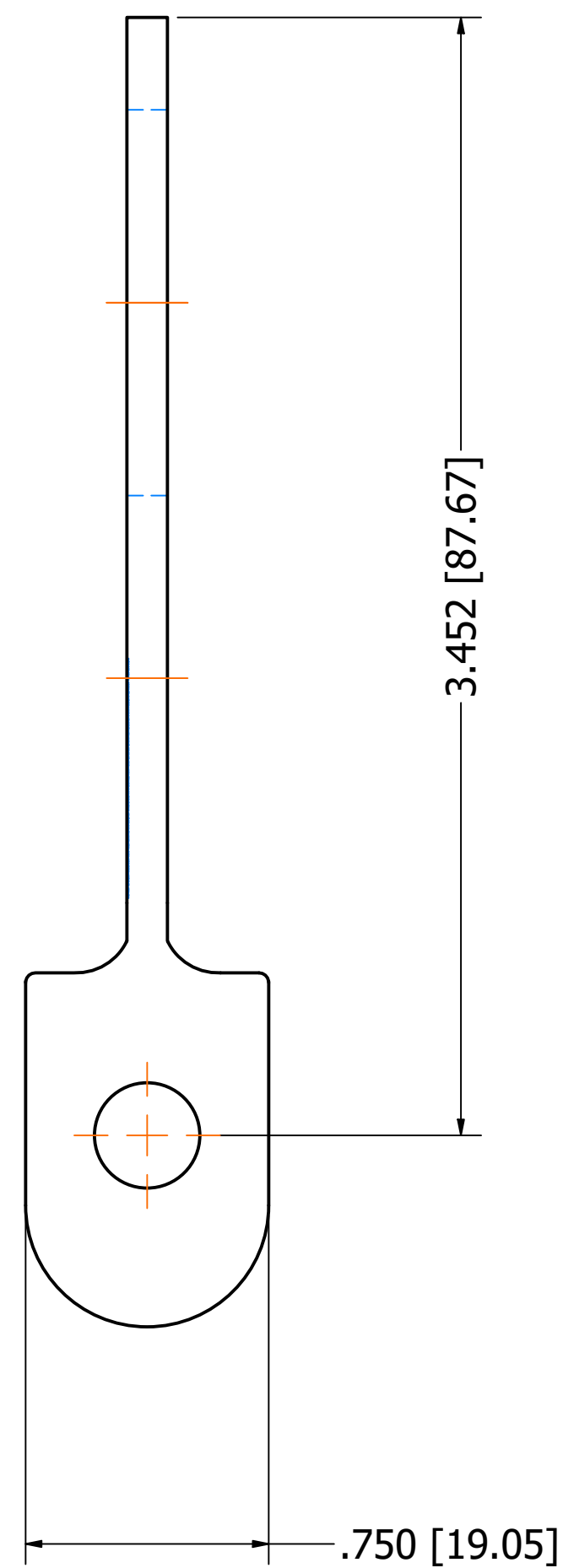
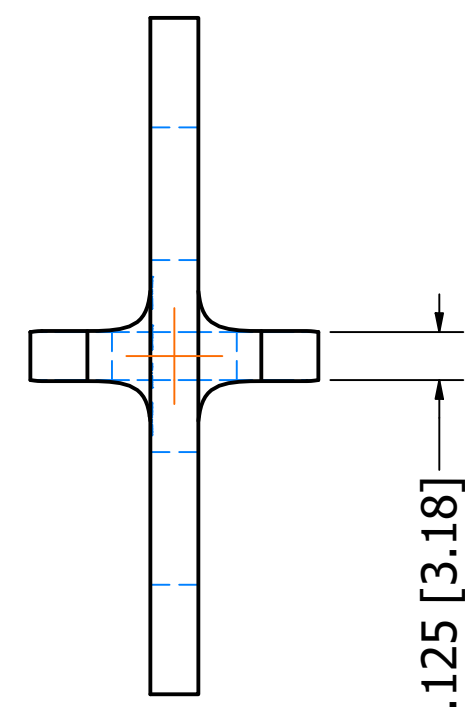
PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	DESCRIPTION	DATE	APPROVED BY
REVISIONS			
Pop-Link Mounting Systems			
PL 12mm SENSOR BRACKET			
MATERIAL:		DESIGNED BY: DOUG	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.058 lbmass		DRAWN DATE: 7/30/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-SB12MM			REV. A




PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE
REVISIONS			
 Pop-Link Mounting Systems			
PL 18mm SENSOR BRACKET			
MATERIAL:		DESIGNED BY: DOUG	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.070 lbmass		DRAWN DATE: 7/30/2020	
		SHEET. SIZE: D	SCALE: 2 / 1
DETAIL NO. PL-SB18MM			REV. A

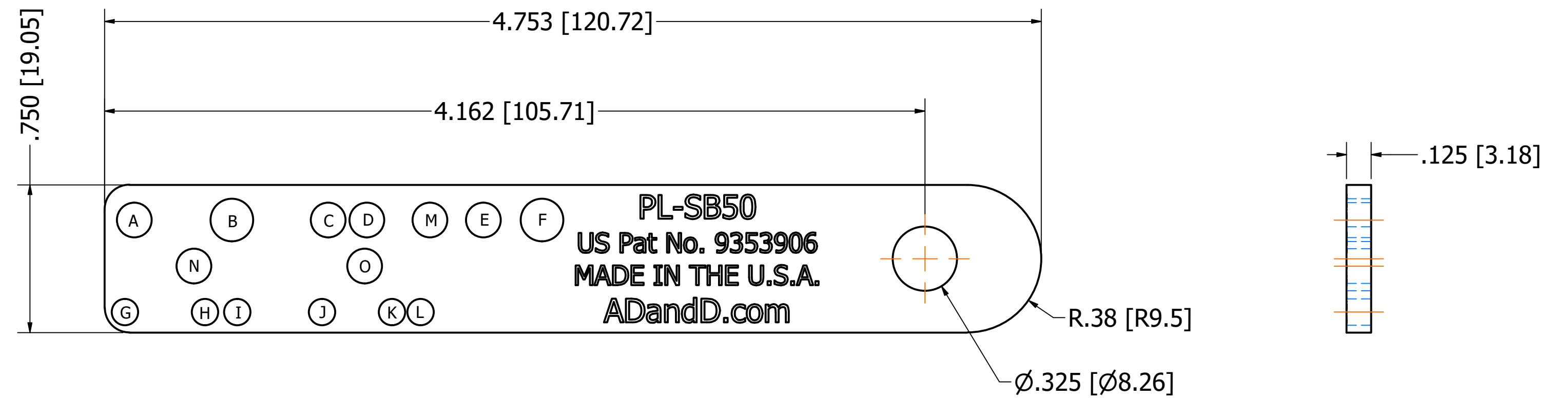


PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	DESCRIPTION	DATE	APPROVED BY
REVISIONS			
 Pop-Link Mounting Systems			
PL 30mm SENSOR BRACKET			
MATERIAL:		DESIGNED BY: DOUG	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.094 lbmass		DRAWN DATE: 7/30/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-SB30MM			REV. A

APPLICABLE PRODUCTS

PRODUCT NAME	MOUNTING PATTERN	BOLT CLEARANCE
BANNER Q4X SERIES	G,J OR H,K	Ø3mm
BANNER Q5X SERIES	G,J OR H,K	Ø3mm
IFM-O1D300	A,D	Ø4mm
IFM-O213xx	A,E	Ø4mm
IFM-O2D2xx	A,E	Ø4mm
IFM-O2I500	N,O	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
IFM-OGP280	H,K	Ø3mm
IFM-OGP281	H,K	Ø3mm
KEYENCE #LR-Z (ANY MODEL W/ 24.1mm HOLE SPREAD)	H,K	Ø3mm
KEYENCE #LR-Z (ANY MODEL W/ 25.4mm HOLE SPREAD)	G,J	Ø3mm
KEYENCE IV-HG SERIES	G,L	Ø3mm
KEYENCE IV2 SERIES	A,M G,L	Ø4mm Ø3mm
KEYENCE SPOT ILLUMINATION C-MOUNT LENS ADAPTER OP-87896	J,K	Ø3mm
OMRON E3S-DB SERIES	A,C	Ø3mm



A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY	
ZONE	REV	DESCRIPTION	DATE	APPROVED BY

REVISIONS



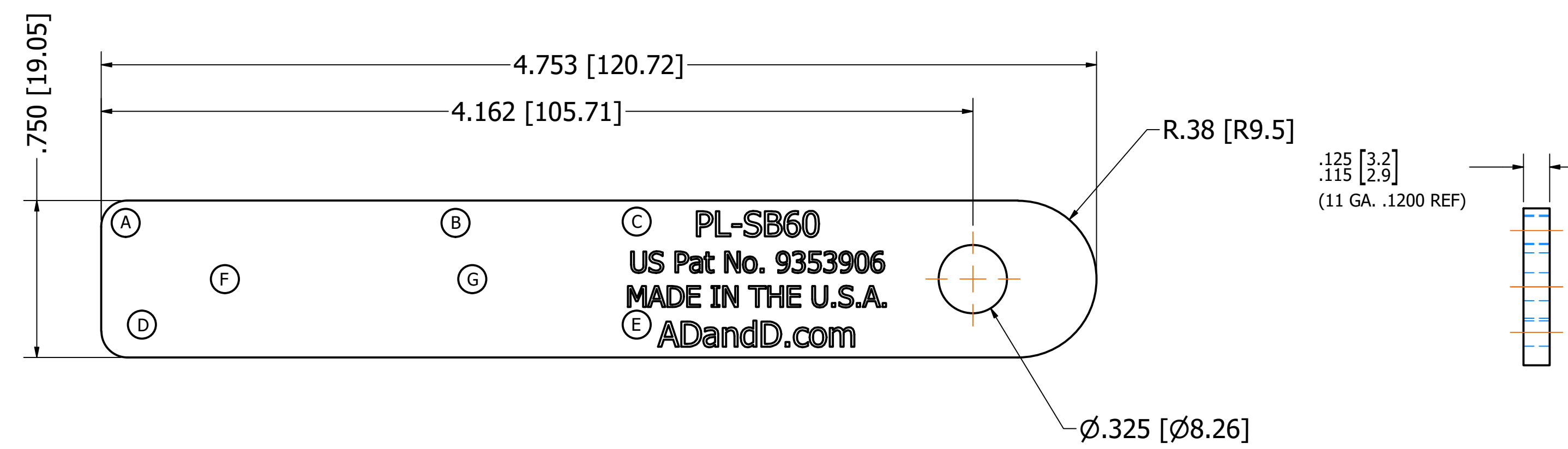
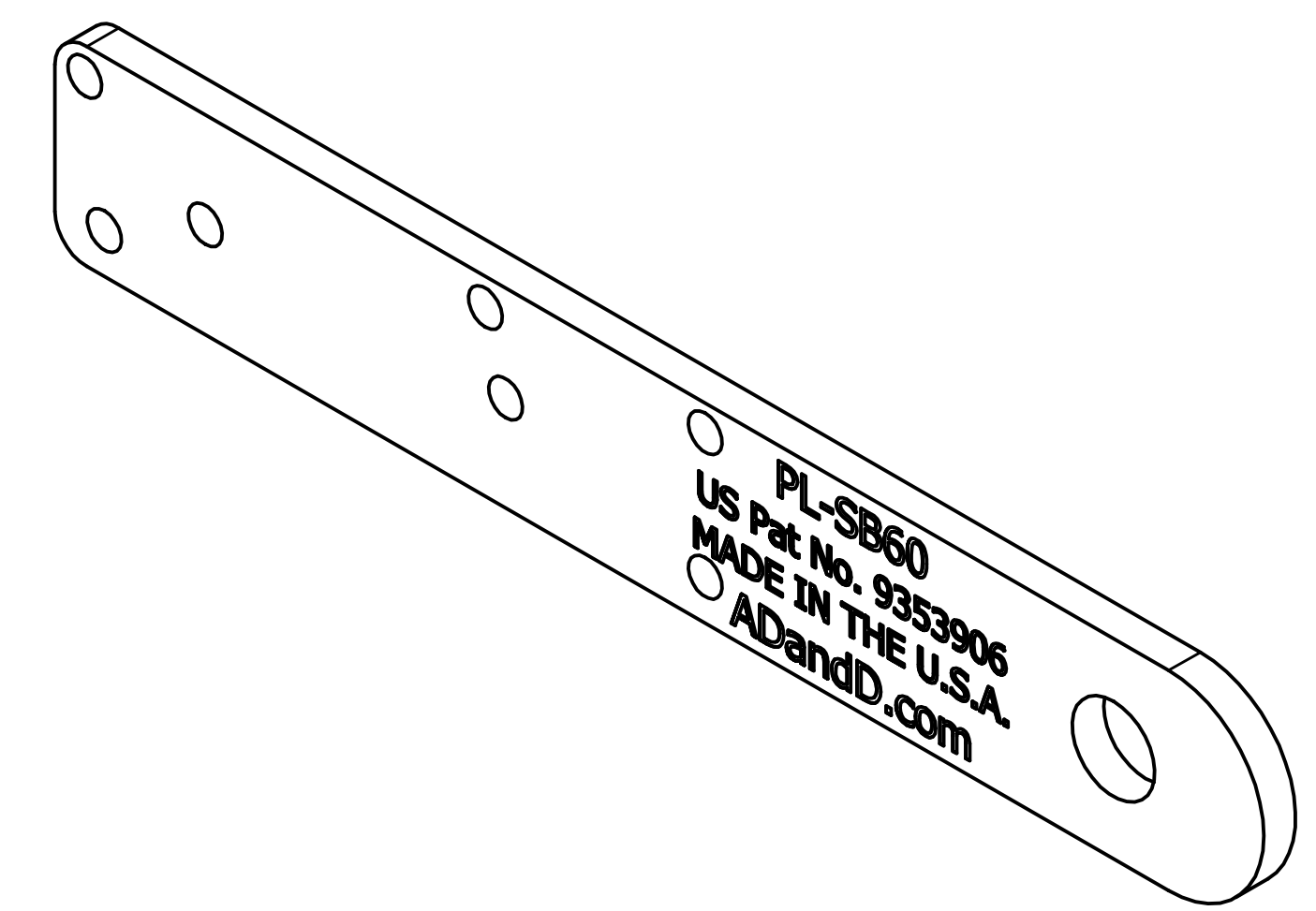
SENSOR MOUNTING BRACKET

PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

MATERIAL:	DESIGNED BY: S. RILEY
FINISH:	DRAWN BY: S. RILEY
WT.(LBS): 0.111 lbmass	DRAWN DATE: 7/30/2020
SHEET. SIZE: D	SCALE: 2 / 1
DETAIL NO. PL-SB50	SHEET 1 OF 2
REV. A	

APPLICABLE PRODUCTS

PRODUCT NAME	MOUNTING PATTERN	BOLT CLEARANCE
KEYENCE CA-DBB5	A,B	Ø3mm
KEYENCE IX SERIES SENSOR HEAD	C,D	Ø3mm
MICRO EPSILON OPT NCDT ILD 1220_1320_1420_1420 CL1	D,E	Ø3mm
MICRO EPSILON OPTO-NCDT ILD 1900	F,G	Ø3mm



STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED		GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994	
2 PLACE DEC. ± .030	FLATNESS	CIRC RUNOUT	TOTAL RUNOUT
3 PLACE DEC. ± .005	STRAIGHTNESS	POSITION	CONCENTRICITY
4 PLACE DEC. ± .0005	CIRCULARITY	DIAMETER	AT MAX MATL. CONDITION
ANGLES ± 1°	CYLINDRICITY	REGARDLESS OF FEATURE SIZE	AT LEAST MATL. CONDITION
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE	DATUM FEATURE	
	PERPENDICULARITY		
	PARALLELISM		
	ANGULARITY		

A	RELEASED TO PRODUCTION	3/6/2020	N. CARLSON	
ZONE	REV	DESCRIPTION	DATE	APPROVED BY
REVISIONS				
		Pop-Link Mounting Systems		
MATERIAL:		DESIGNED BY: N. CARLSON		
FINISH:		DRAWN BY: N. CARLSON		
WT.(LBS): 0.120 lbmass		DRAWN DATE: 12/10/2020		
		SHEET. SIZE: D	SCALE: 2	
DETAIL NO. PL-SB60				REV. A

PATENT PENDING

BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED

MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED

ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS

MATERIAL:

DESIGNED BY: N. CARLSON

FINISH:

DRAWN BY: N. CARLSON

WT.(LBS): 0.120 lbmass

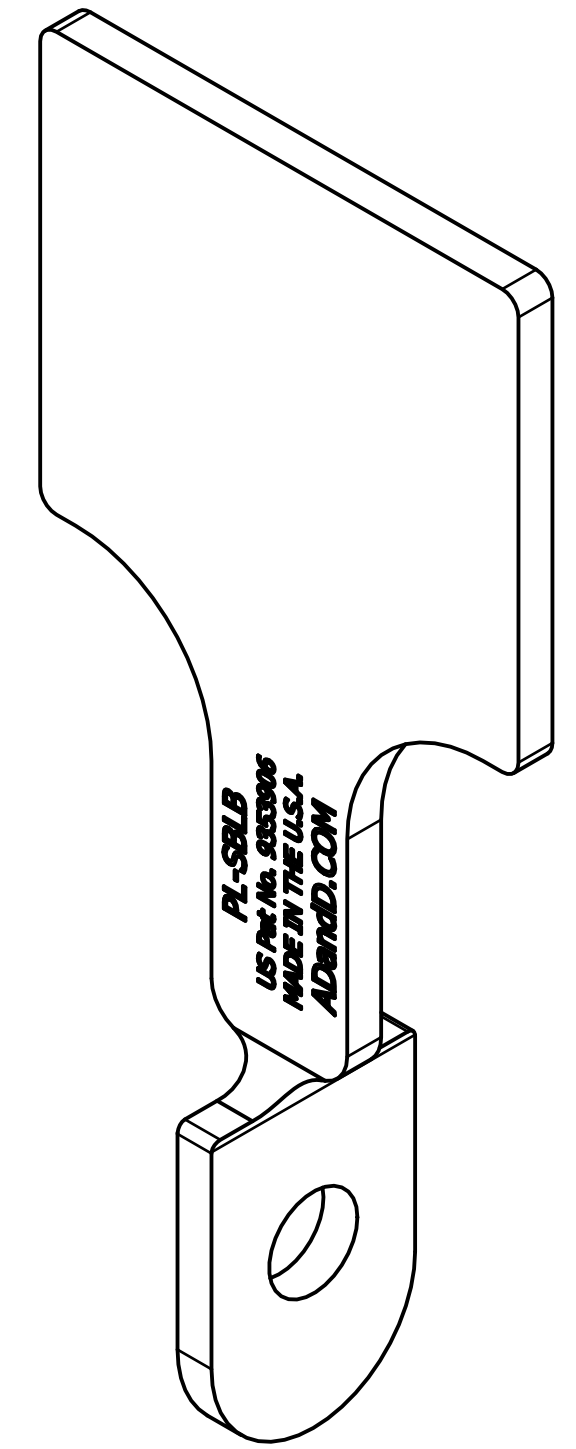
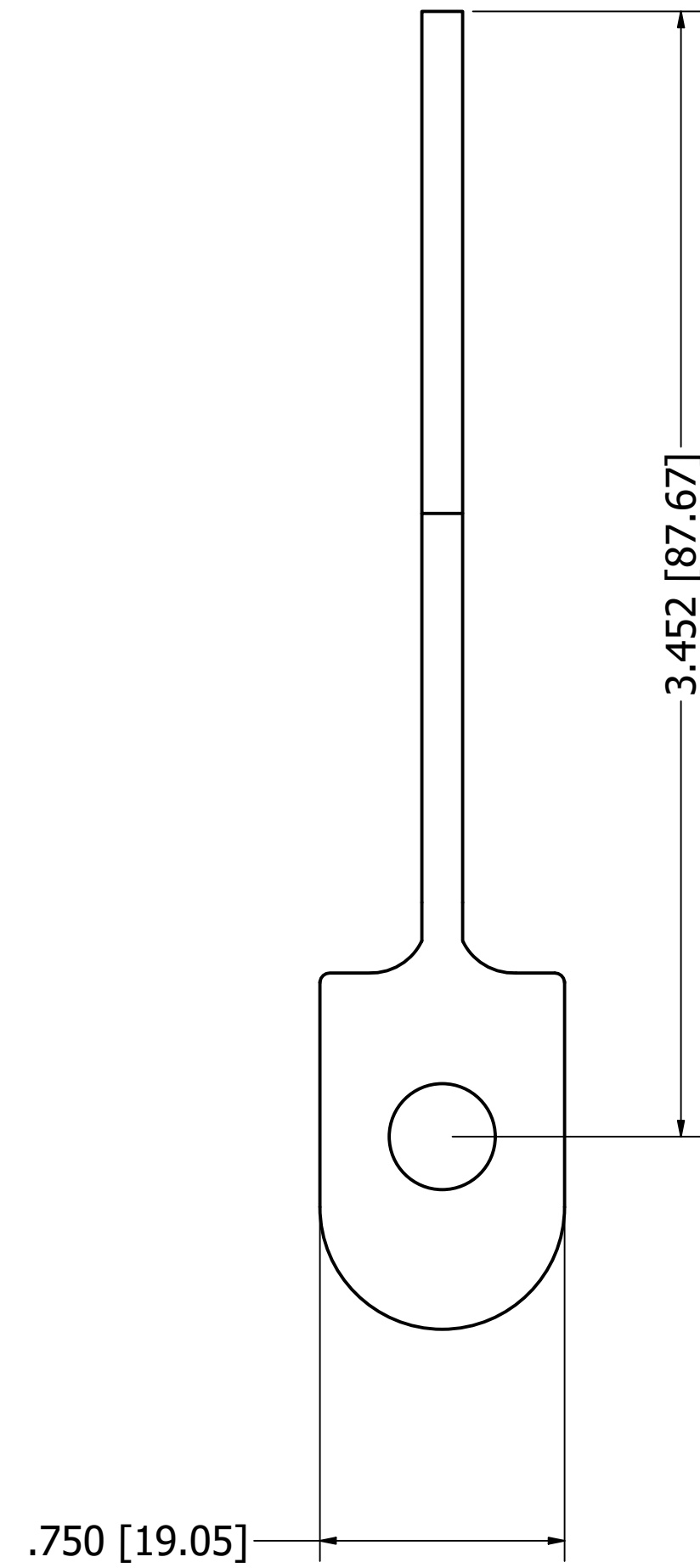
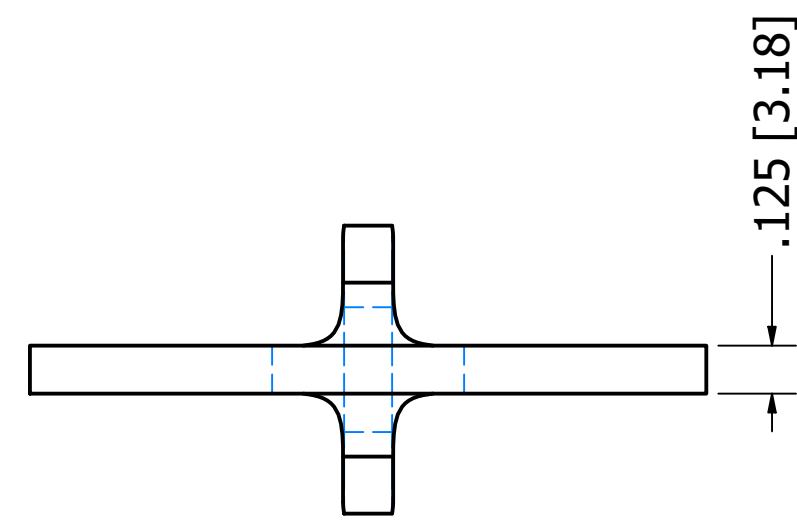
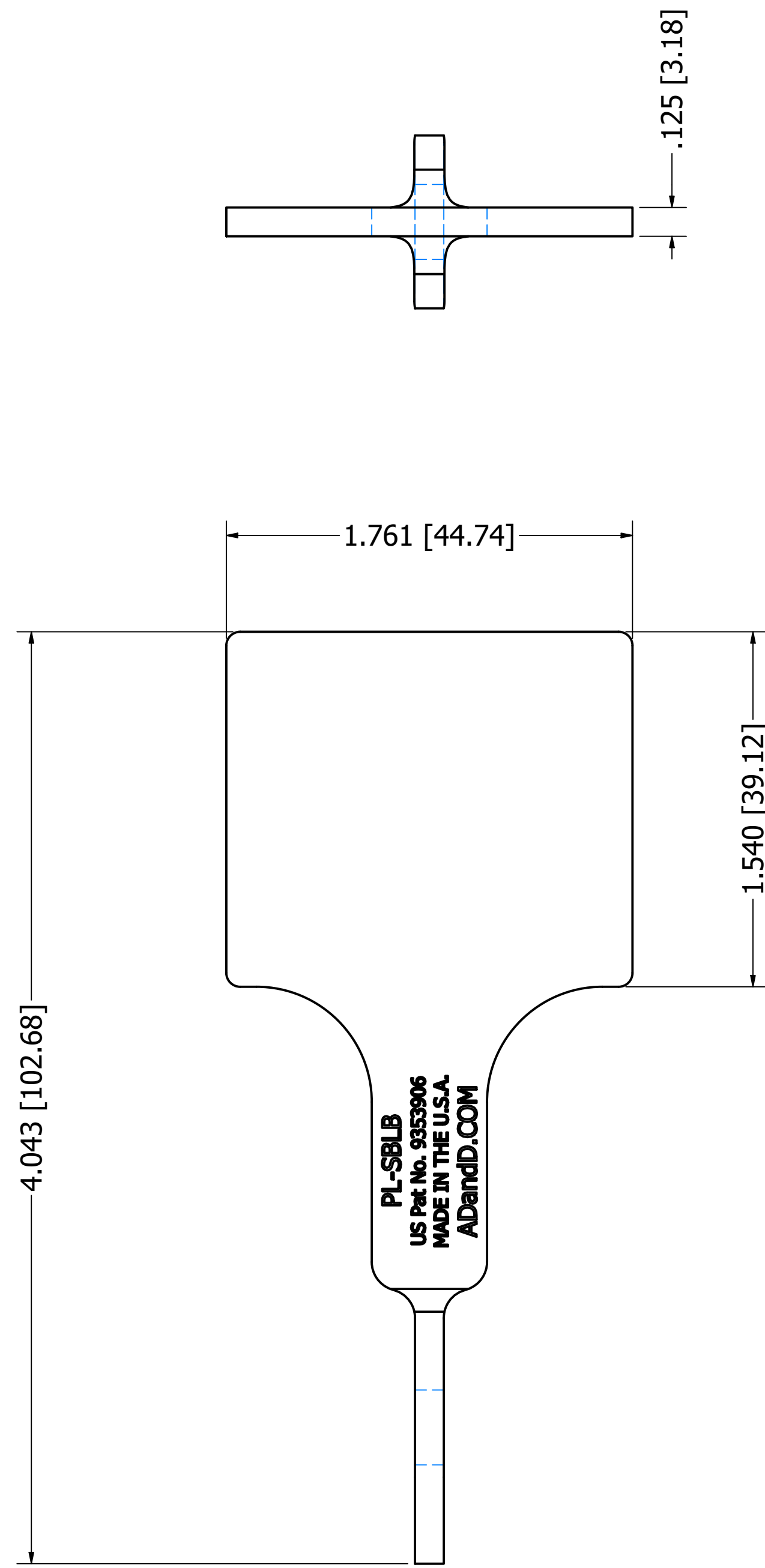
DRAWN DATE: 12/10/2020

SHEET. SIZE: D


SCALE: 2

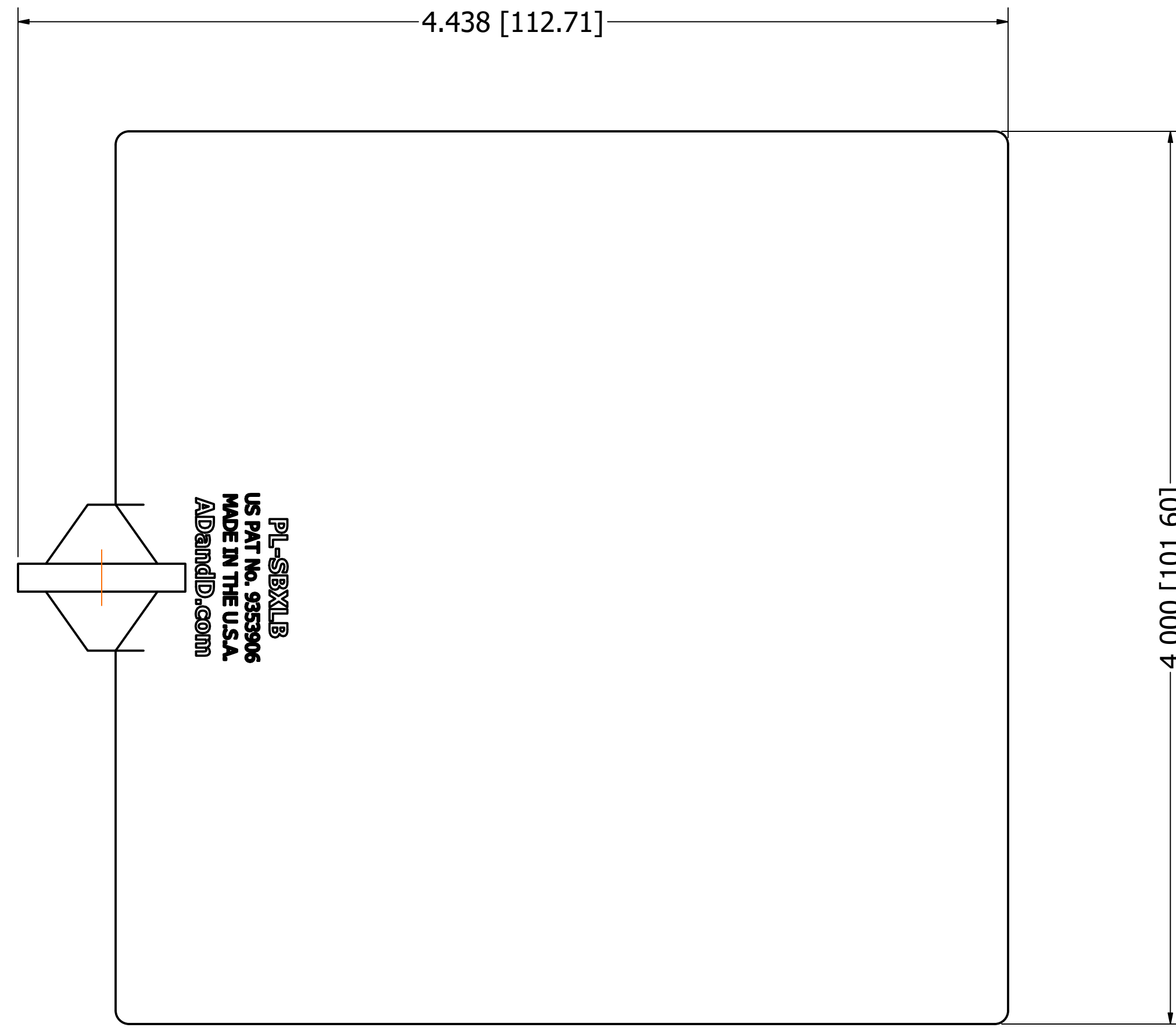
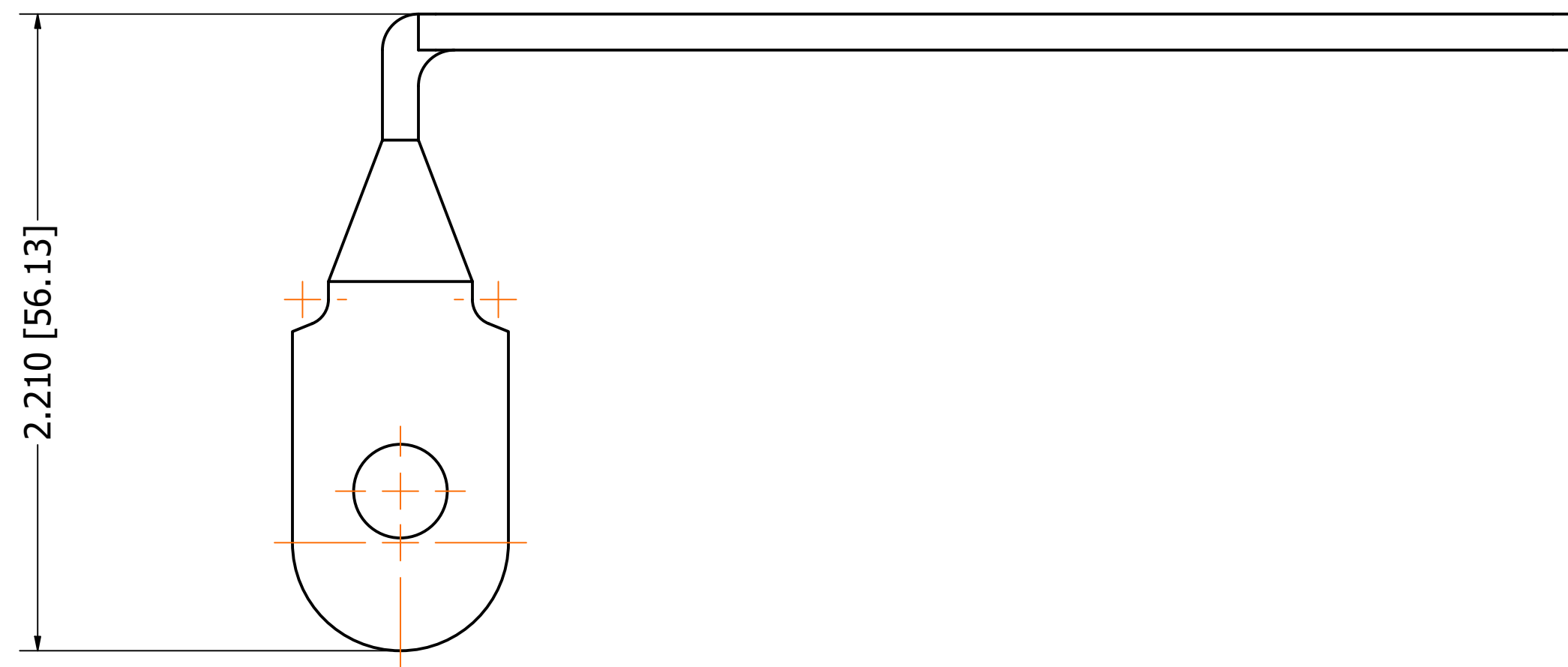
DETAIL NO. PL-SB60

REV. A

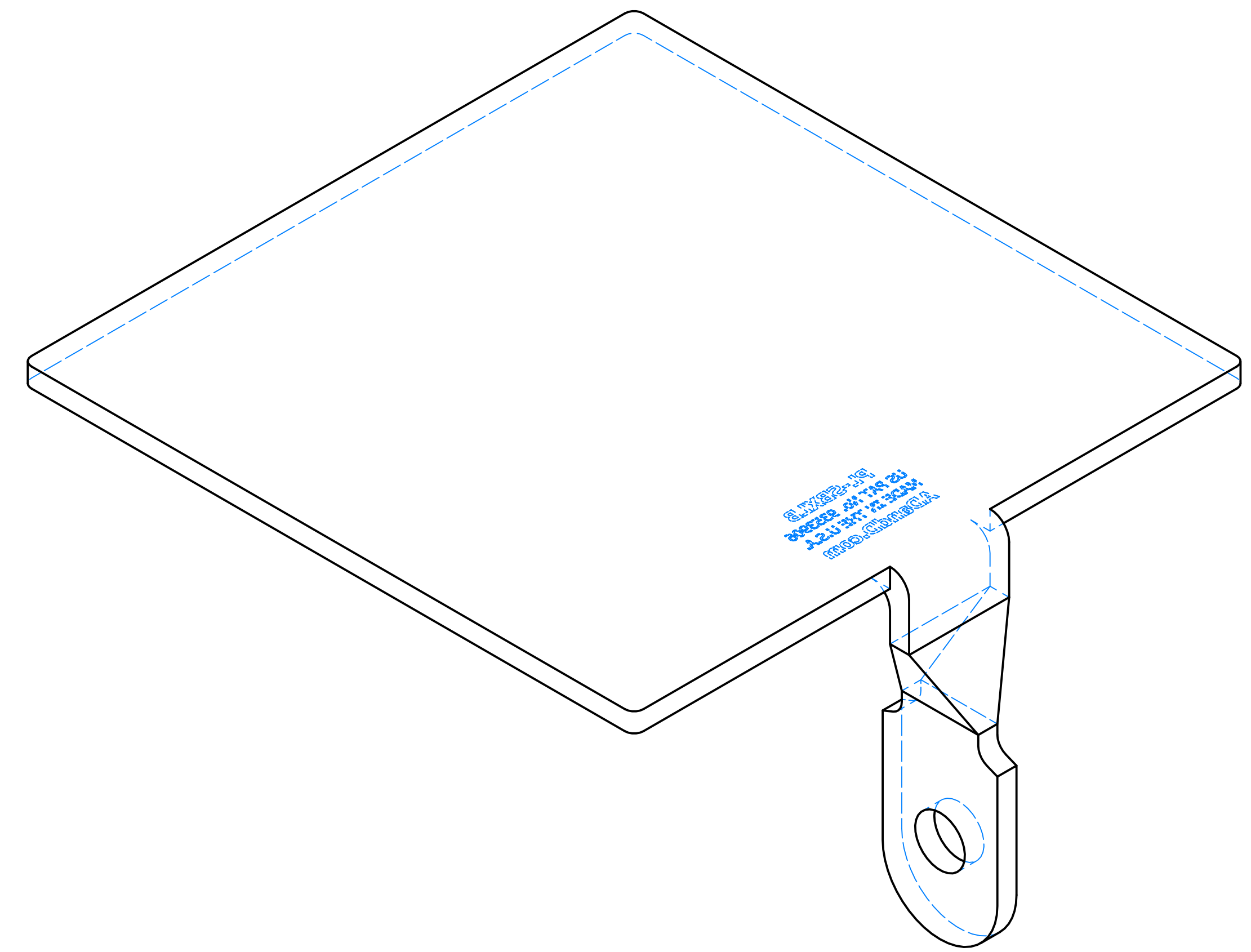


PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	DESCRIPTION	DATE	APPROVED BY
REVISIONS			
 Pop-Link Mounting Systems			
PL SENSOR BRACKET LARGE BLANK			
MATERIAL:		DESIGNED BY: DOUG	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.151 lbmass		DRAWN DATE: 7/31/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-SBLB			REV. A



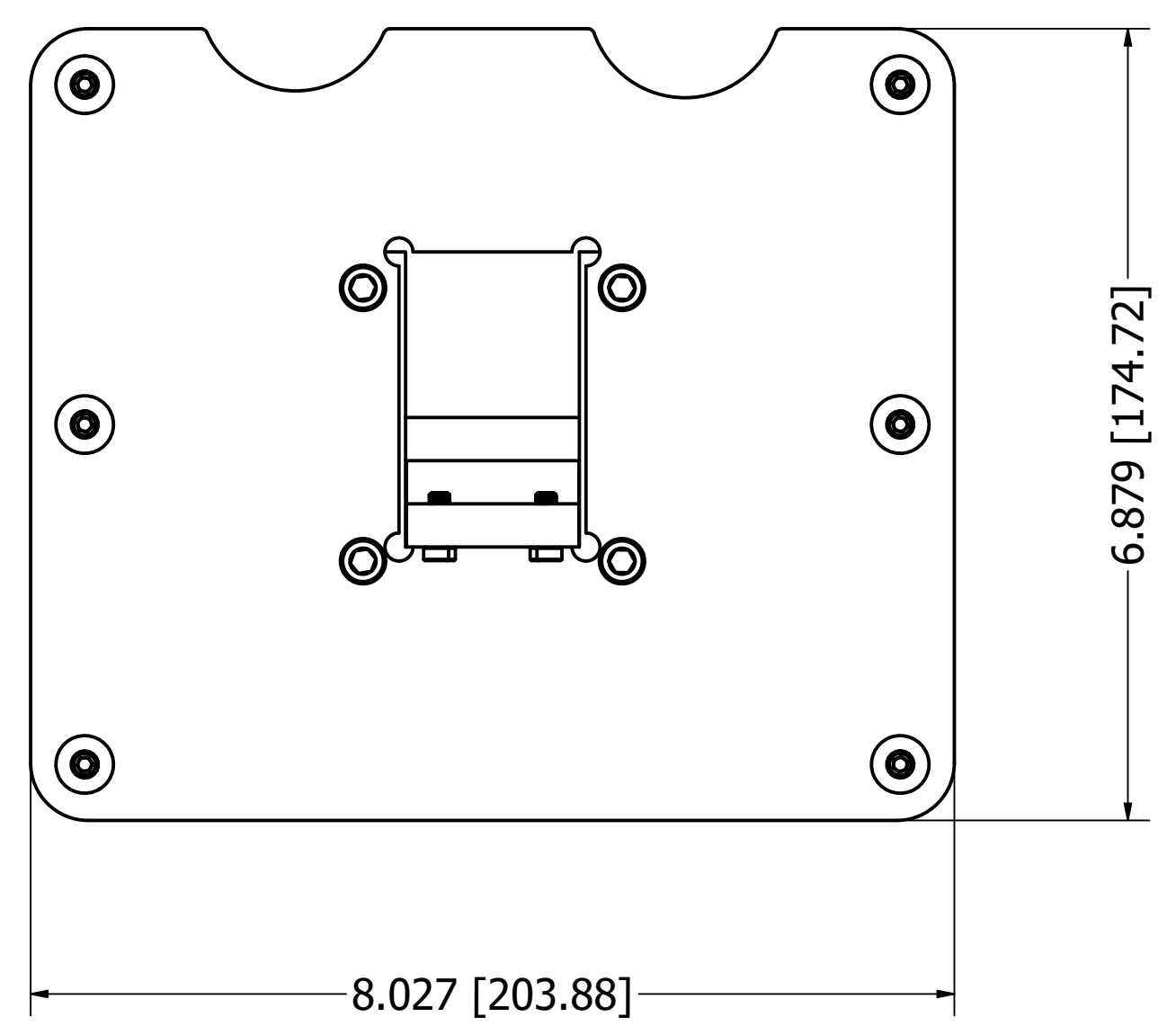
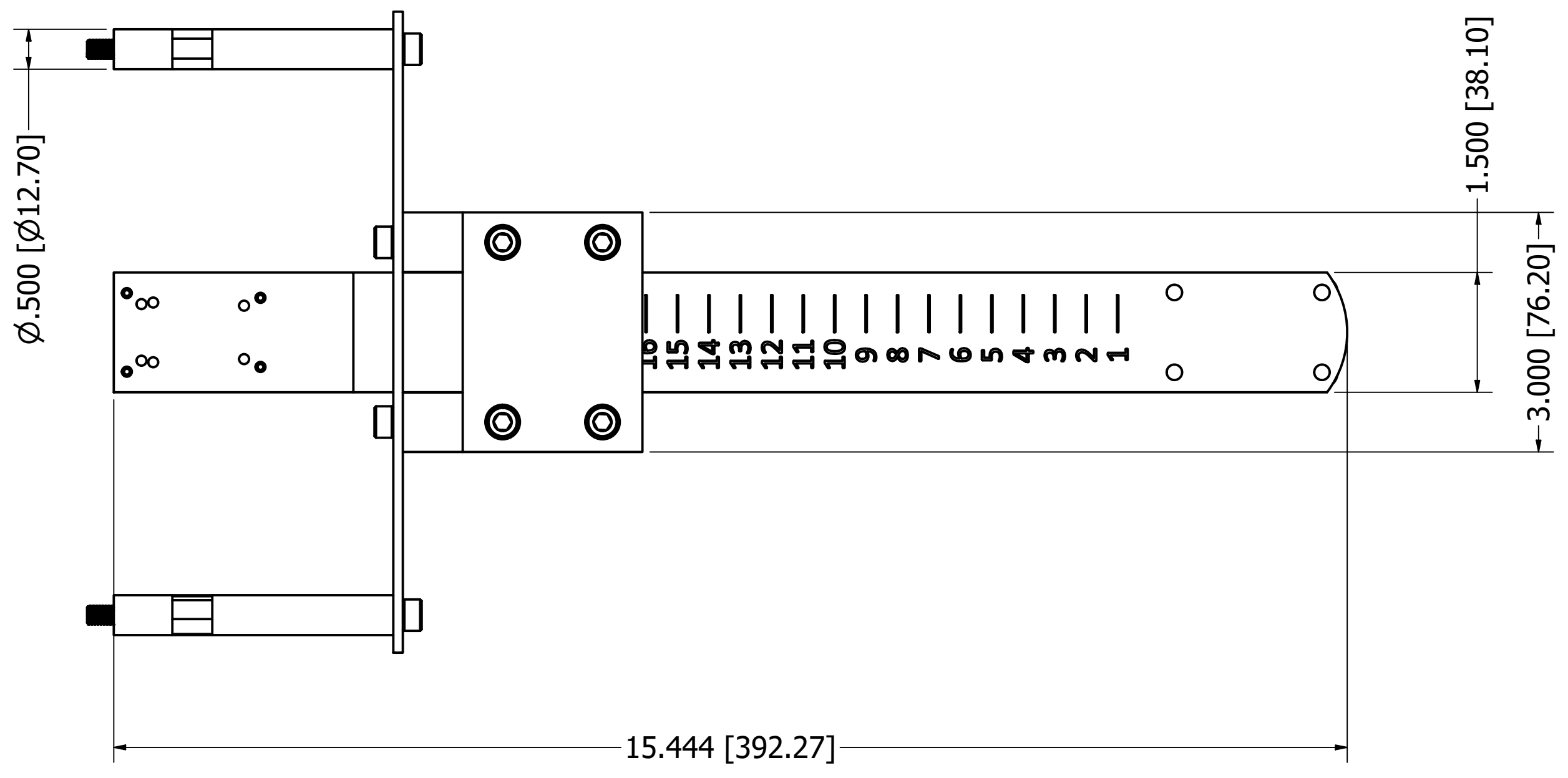
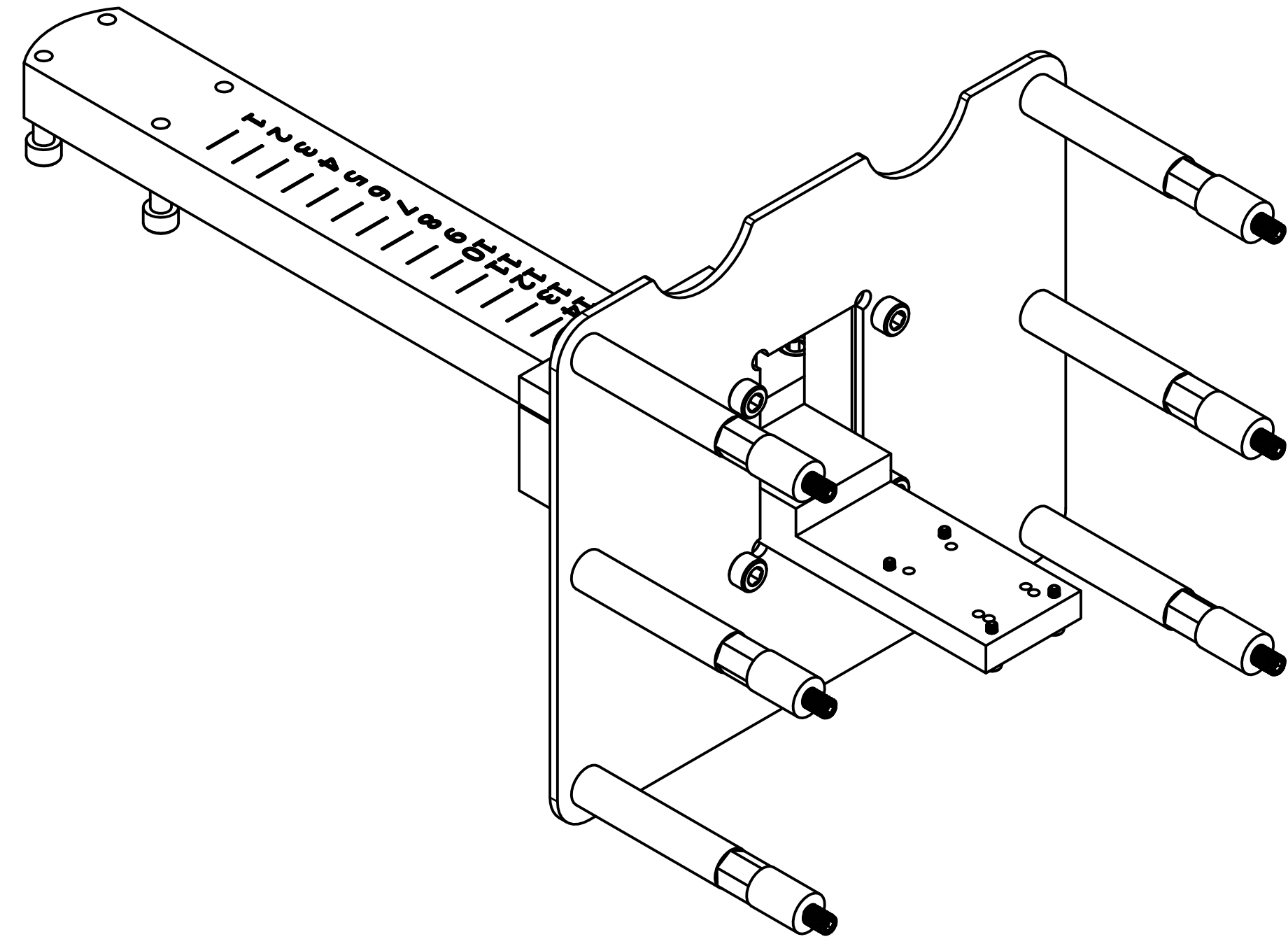
PL-SBXLB
 US PAT No. 983906
 MADE IN THE USA.
 ADandD.com



PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE	REV	DESCRIPTION	DATE
REVISIONS			
Pop-Link Mounting Systems			
MATERIAL:		DESIGNED BY: S. RILEY	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 0.631 lbmass		DRAWN DATE: 7/30/2020	
SHEET. SIZE: D		SCALE: 2 / 1	
DETAIL NO. PL-SBXLB			REV. A

APPLICABLE PRODUCTS	
PRODUCT NAME	RECOMMENDED HARDWARE (INCLUDED)
ALL COMPATIBLE CAMERAS	(4) S.H.C.S. - M3-0.5mm X 12mm 18-8SS
HDPL-BALLBASE(NOT INCLUDED)	(4) S.H.C.S. - M6-1.0mm X 20mm 18-8SS

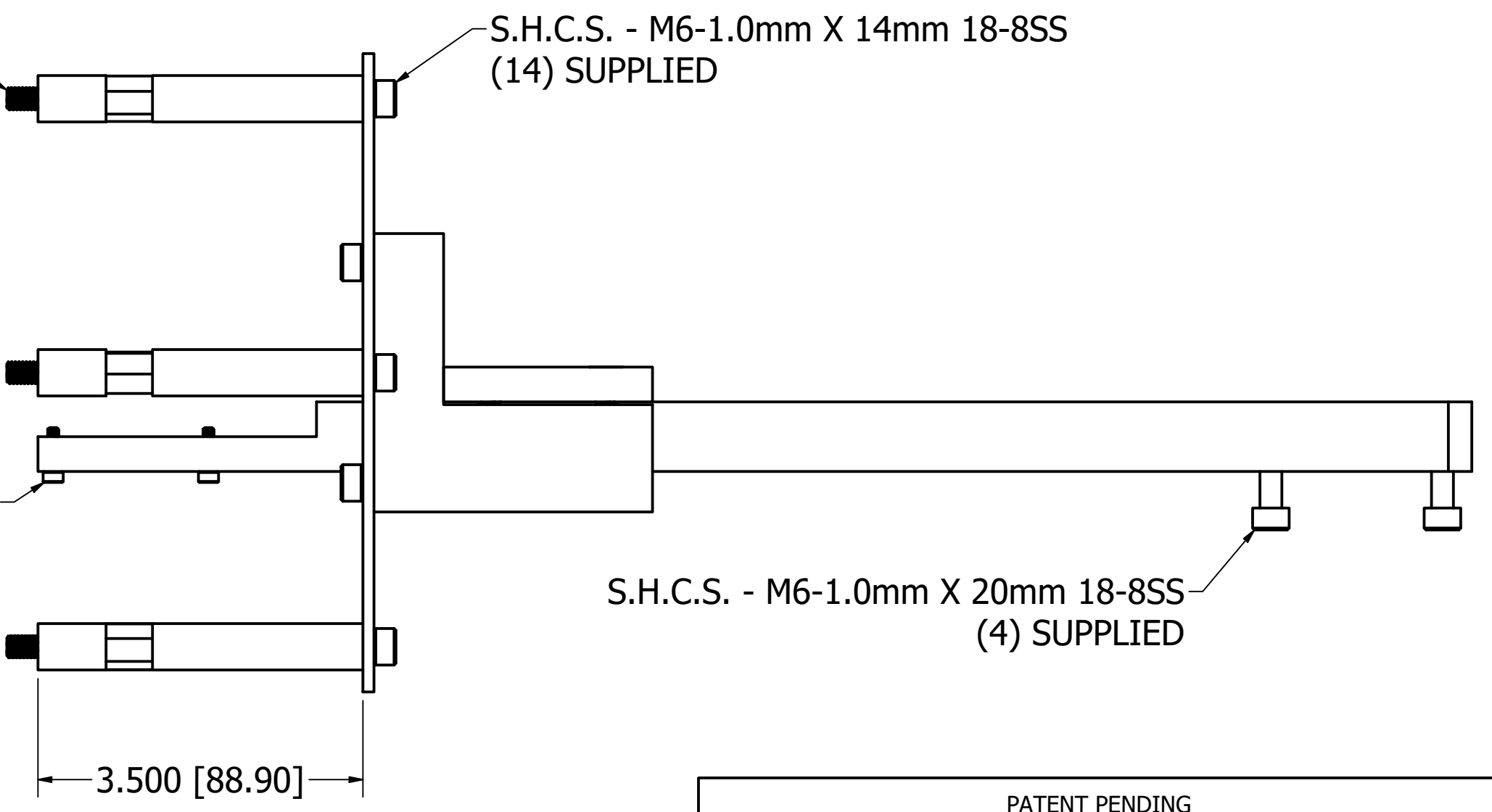


CUP POINT SET SCREW - M6-1.0mm X 16mm 18-8SS
(6) SUPPLIED

S.H.C.S. - M6-1.0mm X 14mm 18-8SS
(14) SUPPLIED

S.H.C.S. - M3-0.5mm X 12mm 18-8SS
(4) SUPPLIED

S.H.C.S. - M6-1.0mm X 20mm 18-8SS
(4) SUPPLIED



PATENT PENDING	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED	
MARK DETAILS WITH P/N, MATERIAL & HEAT TREAT SPEC UNLESS OTHERWISE SPECIFIED	
ALL WEIGHTS ARE ESTIMATED AND SHOULD NOT BE USED IN LOADING CALCULATIONS	
STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED	GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994
2 PLACE DEC. ± .030	FLATNESS
3 PLACE DEC. ± .005	STRAIGHTNESS
4 PLACE DEC. ± .0005	CIRCULARITY
ANGLES ± 1°	CYLINDRICITY
THIRD ANGLE PROJECTION	PROFILE OF A SURFACE
	PERPENDICULARITY
	PARALLELISM
	ANGULARITY
	CIRC RUNOUT
	TOTAL RUNOUT
	POSITION
	CONCENTRICITY
	DIAMETER
	AT MAX MATL. CONDITION
	REGARDLESS OF FEATURE SIZE
	AT LEAST MATL. CONDITION
	DATUM FEATURE

A	RELEASED TO PRODUCTION	3/6/2020	S. RILEY
ZONE/REV	DESCRIPTION	DATE	APPROVED BY
REVISIONS			
COMBINATION LIGHT AND CAMERA SYSTEM BRACKET			
MATERIAL:		DESIGNED BY: D. BIDDINGER	
FINISH:		DRAWN BY: S. RILEY	
WT.(LBS): 4.938 lbmass		DRAWN DATE: 6/15/2020	
SHEET. SIZE: D		SCALE: 2 / 3	
DETAIL NO. PL-SYS1			REV. A