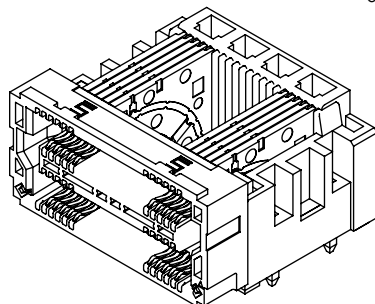
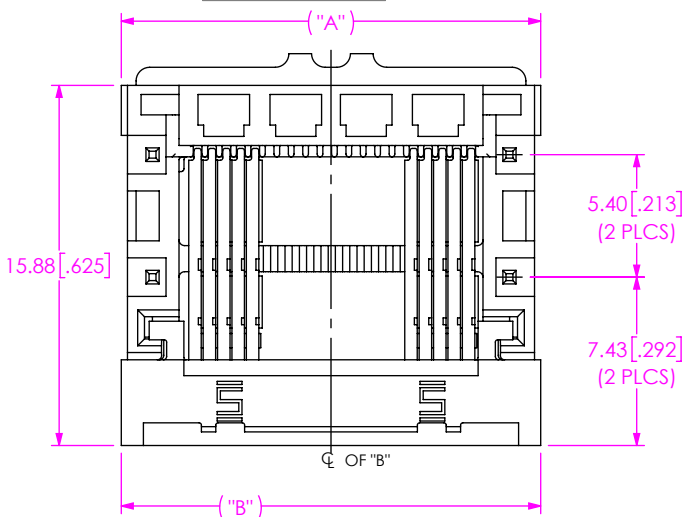


DO NOT
SCALE FROM
THIS PRINTDESIGNED AND DIMENSIONED IN MILLIMETERS(INCHES)
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

APF6-XXX-S-XX-X-RA-X-X-XX



No OF POSITIONS
*-010, Δ-020, ☒-025, *-030, ☒-037,
Δ-040, *-050, Δ-060, *-070, *-080,
*-090, Δ-100

PLATING SPECIFICATION
-S: 30μ" SELECTIVE GOLD
IN CONTACT AREA,
MATTE TIN ON TAIL

ROW SPECIFICATION
-04: 4 ROWS

TAPE & REEL
(SEE NOTES 3 & 4)
-TR: TAPE & REEL
-FR: FULL REEL QTY
TAPE & REEL

OPTION 2 (REQUIRED)
-K: POLYIMIDE FILM
(DOES NOT APPLY TO -S OPTION)
(SEE SHT 4)
☒-S: MID-BOARD, SHIELD
(SEE FIG 2, SHT 2)

OPTION 1
-BLANK: NO ALIGNMENT PIN
-A: ALIGNMENT PIN
(SEE FIG 4, SHT 3)

RIGHT ANGLE

SOLDER COMPOSITION & STYLE

*-1: 63.0% TIN/37.0% LEAD
CRIMP TAIL
*-2: 96.5% TIN/3.0% SILVER/
0.5% COPPER CRIMP TAIL

(* = NOT TOOLED)
(☒ = ARP6 CABLE MATE ONLY)
(Δ = NOT ENGINEERING APPROVED)

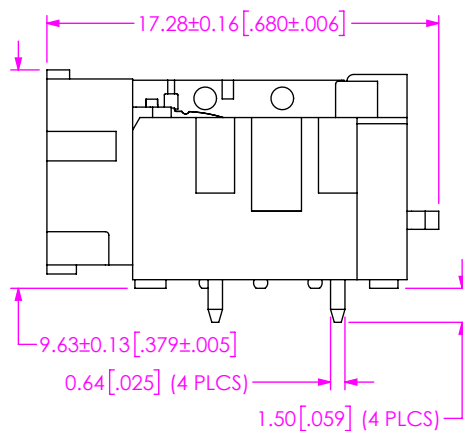
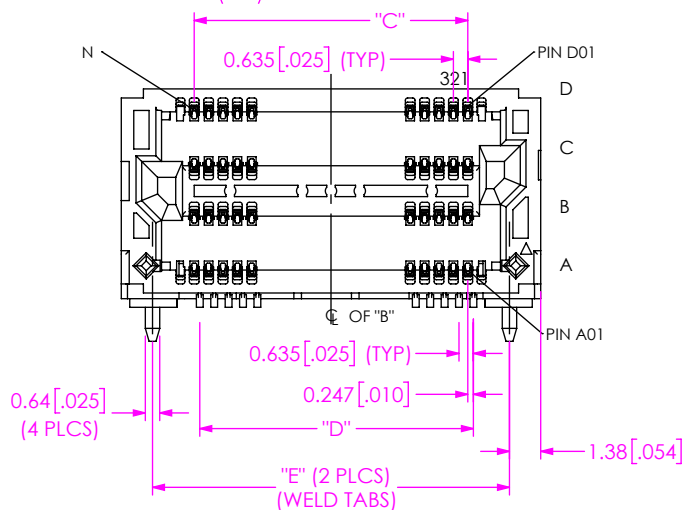


TABLE 1						
No OF POSITION	"A"	"B"	"C"	"D"	"E"	"F"
-010	12.15 [0.478]	12.145 [0.4781]	5.715 [0.2250]	5.715 [0.2250]	9.39 [0.370]	1.58 [0.062]
-020	18.50 [0.728]	18.495 [0.7281]	12.065 [0.4750]	12.065 [0.4750]	15.74 [0.620]	4.75 [0.187]
-025	21.67 [0.853]	21.670 [0.8531]	15.240 [0.6000]	15.240 [0.6000]	18.92 [0.745]	6.34 [0.250]
-030	24.85 [0.978]	24.845 [0.9781]	18.415 [0.7250]	18.415 [0.7250]	22.09 [0.870]	7.93 [0.312]
-037	29.29 [1.153]	29.290 [1.1531]	22.860 [0.9000]	22.860 [0.9000]	26.54 [1.045]	10.15 [0.400]
-040	31.20 [1.228]	31.195 [1.2281]	24.765 [0.9750]	24.765 [0.9750]	28.44 [1.120]	11.10 [0.437]
-050	37.55 [1.478]	37.545 [1.4781]	31.115 [1.2250]	31.115 [1.2250]	34.79 [1.370]	14.28 [0.562]
-060	43.90 [1.728]	43.895 [1.7281]	37.465 [1.4750]	37.465 [1.4750]	41.14 [1.620]	17.45 [0.687]
-070	50.25 [1.978]	50.245 [1.9781]	43.815 [1.7250]	43.815 [1.7250]	47.49 [1.870]	20.63 [0.812]
-080	56.60 [2.228]	56.595 [2.2281]	50.165 [1.9750]	50.165 [1.9750]	53.84 [2.120]	23.80 [0.937]
-090	62.95 [2.478]	62.945 [2.4781]	56.515 [2.2250]	56.515 [2.2250]	60.19 [2.370]	26.98 [1.062]
-100	69.30 [2.728]	69.295 [2.7281]	62.865 [2.4750]	62.865 [2.4750]	66.54 [2.620]	30.15 [1.187]

NOTES:

1. MEASURE BOTH OUTSIDE ROWS ONLY.
2. PARTS TO BE PACKAGED IN TAPE & REEL.
3. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
4. ATTACH LABEL -4X2 TO EACH REEL.

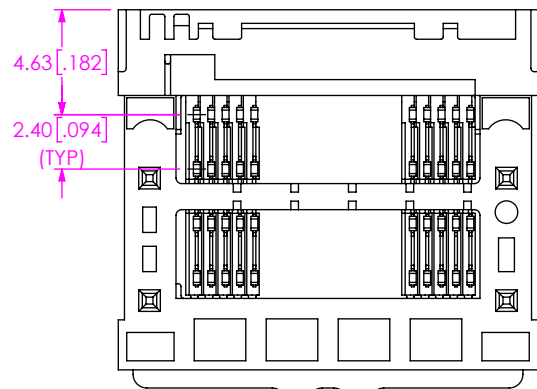


FIG 1
APF6-020-S-04-2-RA-K SHOWN
(SOME CENTER FEATURES REMOVED FOR CLARITY)

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SHEET SCALE: 3:1

MATERIAL:
INSULATOR: LCP; COLOR: BLACK
LCP; COLOR: NATURAL
CONTACT: COPPER ALLOY
SHIELD: COPPER ALLOY

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:

APF6 RIGHT ANGLE ASSEMBLY

DWG. NO.

APF6-XXX-S-XX-X-RA-X-X-XX

BY: ANN H

8/17/2022

SHEET 1 OF 5

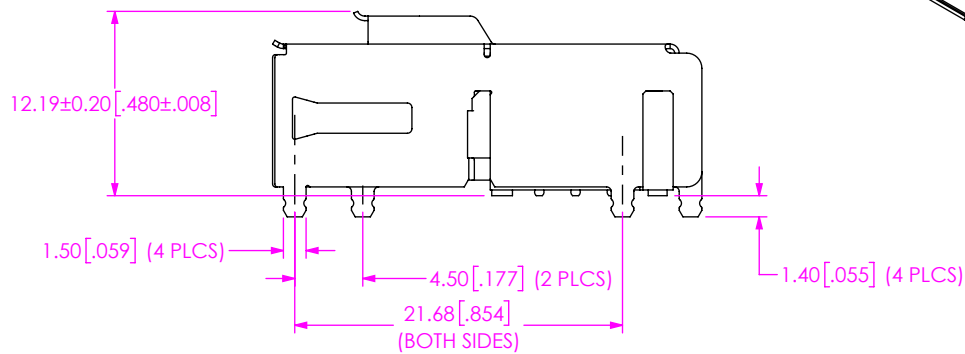
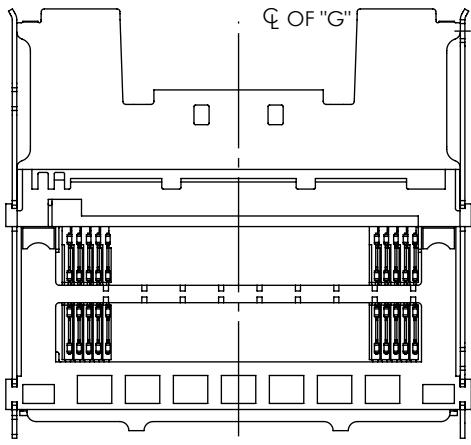
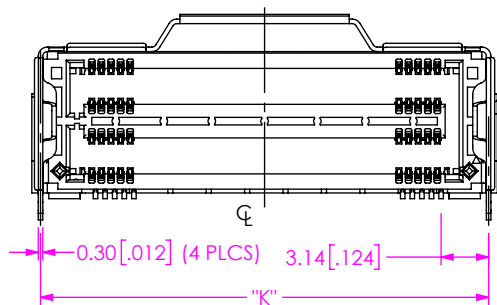
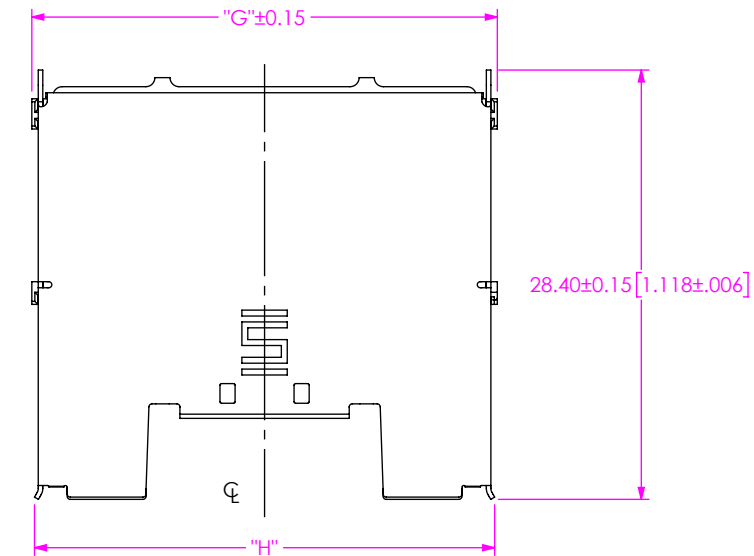


FIG 2
-S OPTION
APF6-037-S-04-2-RA-S SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

FIG 3
-025 & -037 OPTIONS
APF6-037-S-04-2-RA-K SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

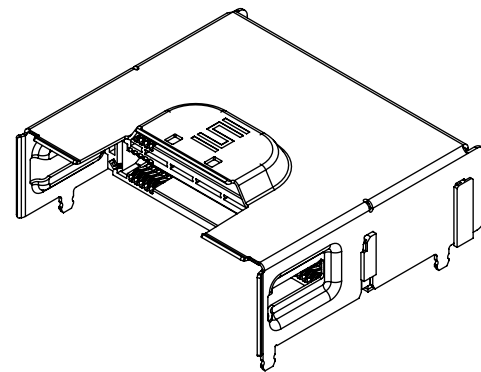


TABLE 2			
No OF POSITIONS	"G"	"H"	"K"
-025	23.17 [0.912]	22.82 [0.898]	22.02 [0.867]
-037	30.79 [1.212]	30.44 [1.198]	29.64 [1.167]

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SHEET SCALE: 2:1

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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:

APF6 RIGHT ANGLE ASSEMBLY

DWG. NO.

APF6-XXX-S-XX-X-RA-X-X-XX

BY: ANN H 8/17/2022

SHEET 2 OF 5

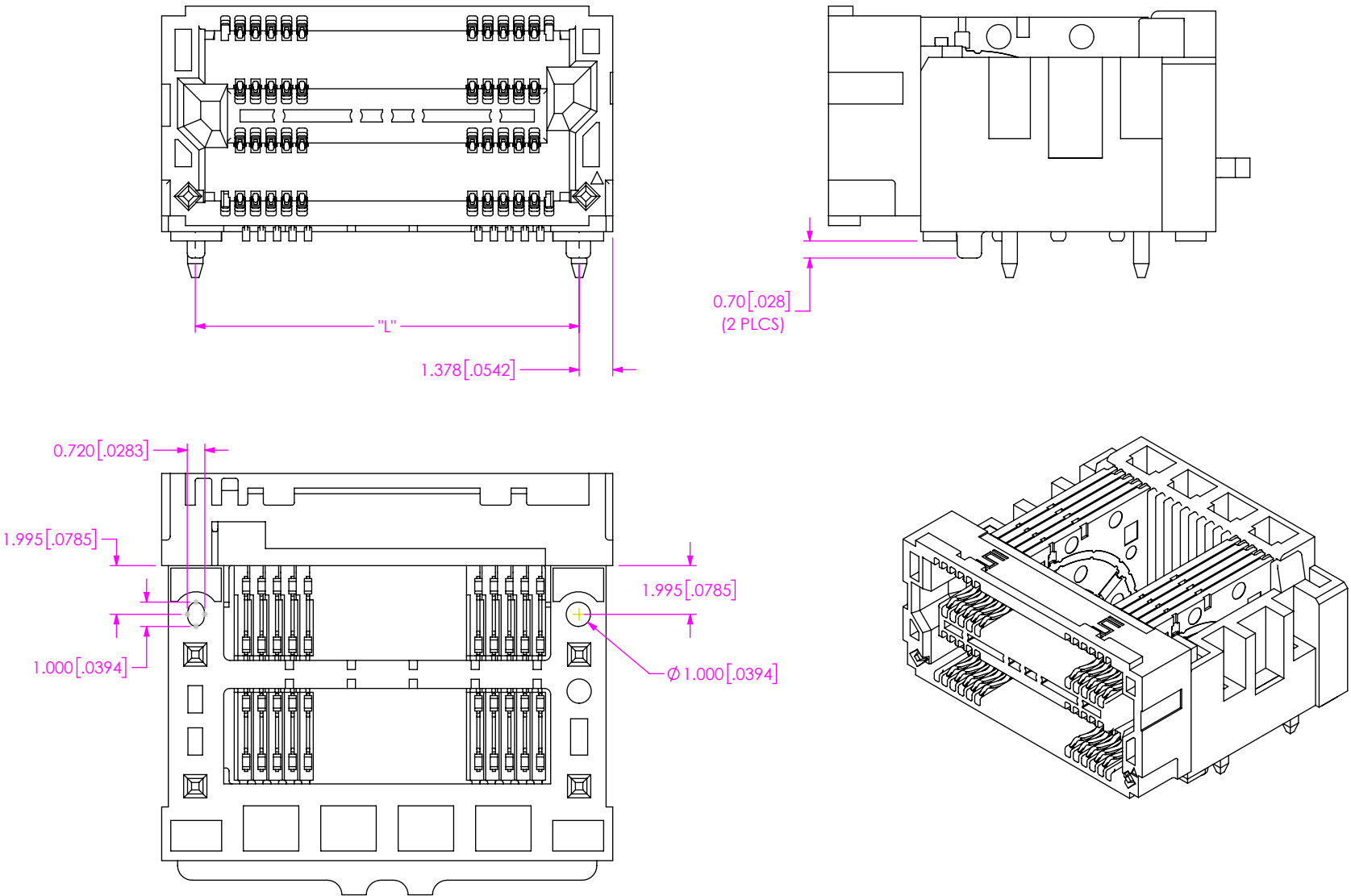
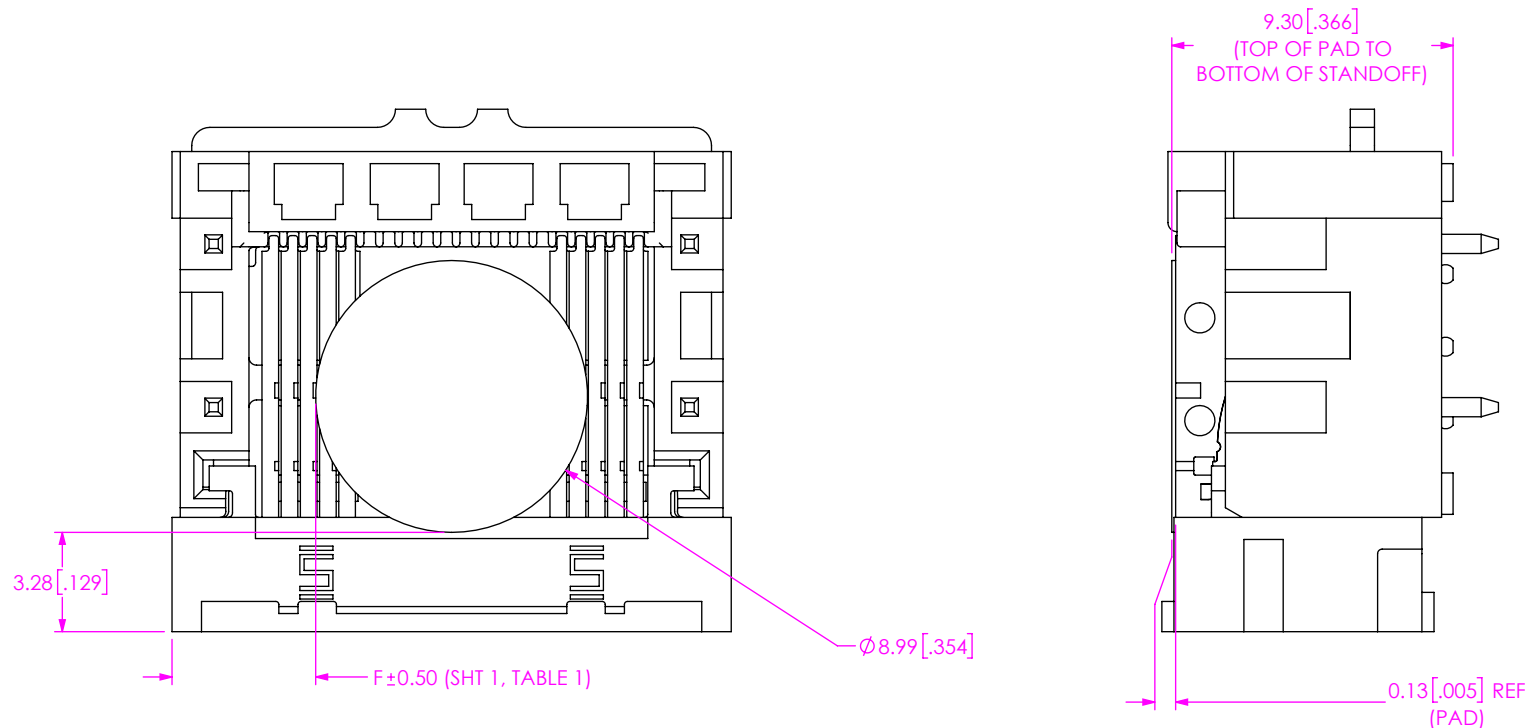


TABLE 2	
No OF POSITION	"L"
-010	9.39 [0.370]
-020	15.74 [0.620]
-025	18.92 [0.745]
-030	22.09 [0.870]
-037	26.54 [1.045]
-040	28.44 [1.120]
-050	34.79 [1.370]
-060	41.14 [1.620]
-070	47.49 [1.870]
-080	53.84 [2.120]
-090	60.19 [2.370]
-100	66.54 [2.620]

FIG 4
-A OPTION
APF6-020-S-04-2-RA-A-K SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

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	DESCRIPTION:	APF6 RIGHT ANGLE ASSEMBLY
	DWG. NO.	APF6-XXX-S-XX-X-RA-X-X-XX
SHEET SCALE: 4:1	BY: ANN H	8/17/2022
		SHEET 3 OF 5



POLYIMIDE PAD VIEW
APF6-020-S-04-2-RA-K SHOWN
(SOME CENTER FEATURES REMOVED FOR CLARITY)

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DO NOT SCALE DRAWING

DESCRIPTION:

APF6 RIGHT ANGLE ASSEMBLY

DWG. NO.

APF6-XXX-S-XX-X-RA-X-X-XX

SHEET SCALE: 2:1

BY: ANN H

8/17/2022

SHEET 4 OF 5

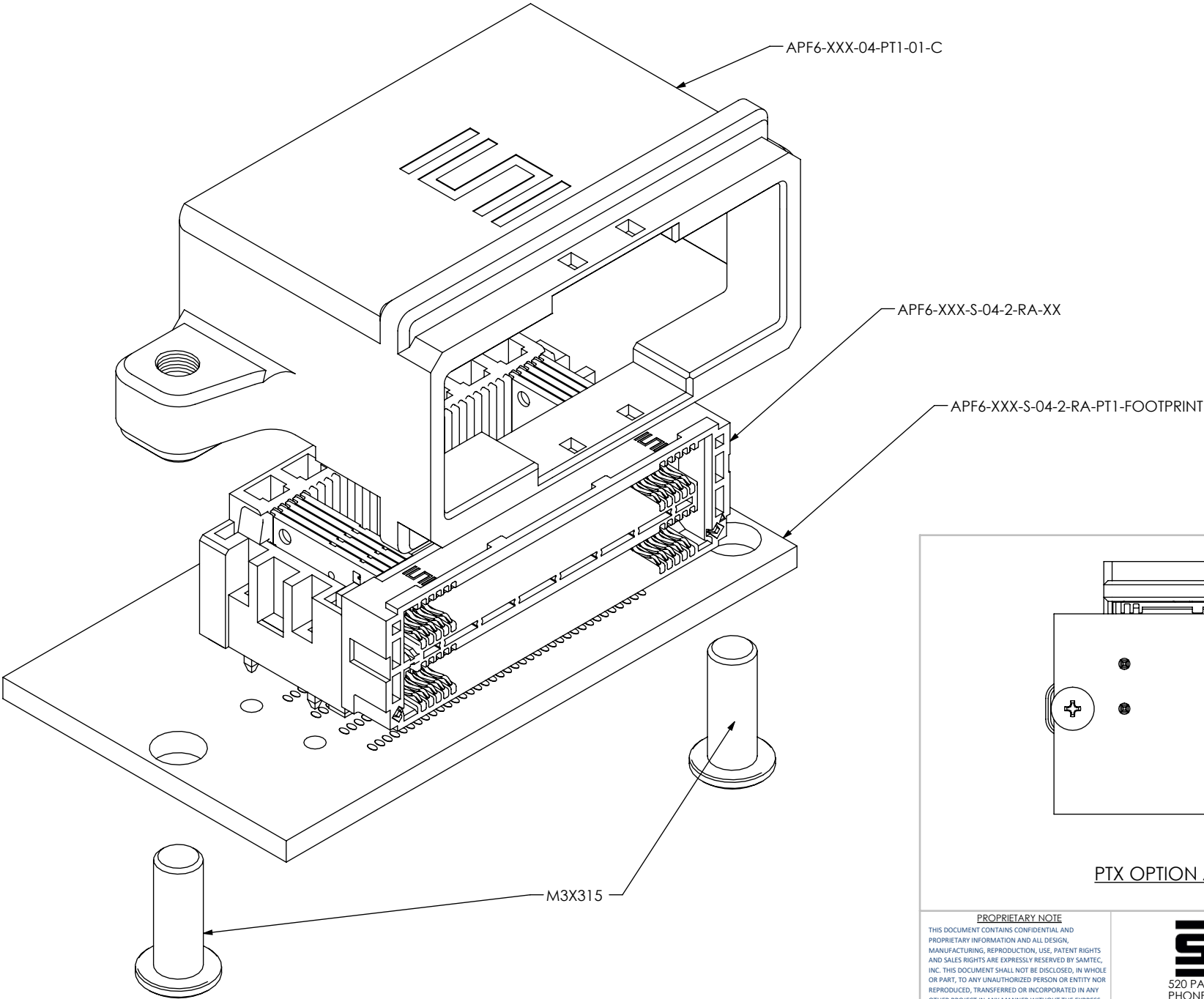


FIG 5
EXPLODED VIEW

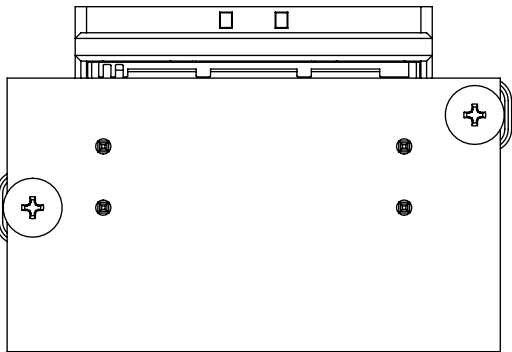


FIG 6
PTX OPTION APPLICATION VIEW

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SHEET SCALE: 3:2		DWG. NO. APF6-XXX-S-XX-X-RA-X-X-XX
BY: ANN H 8/17/2022		SHEET 5 OF 5