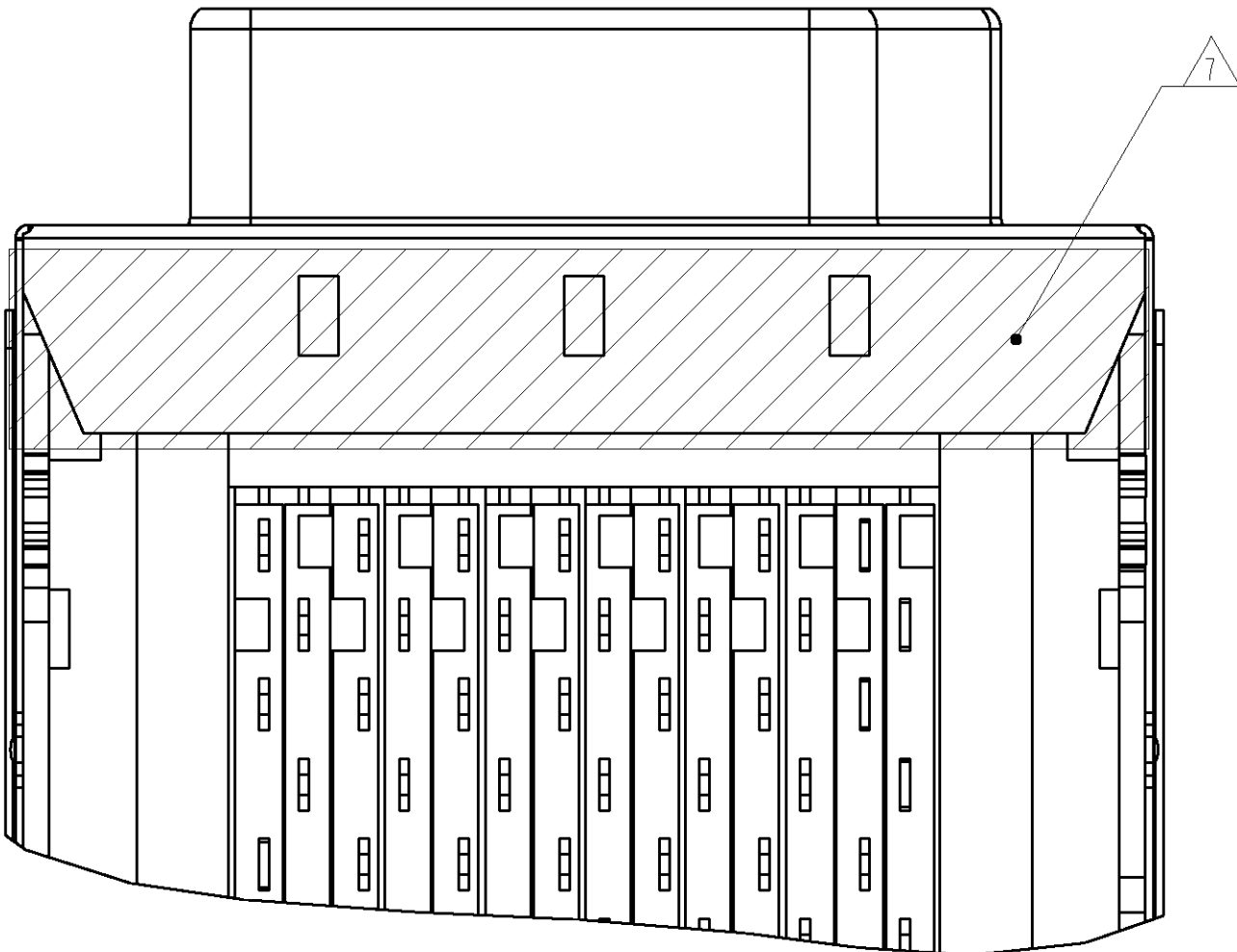
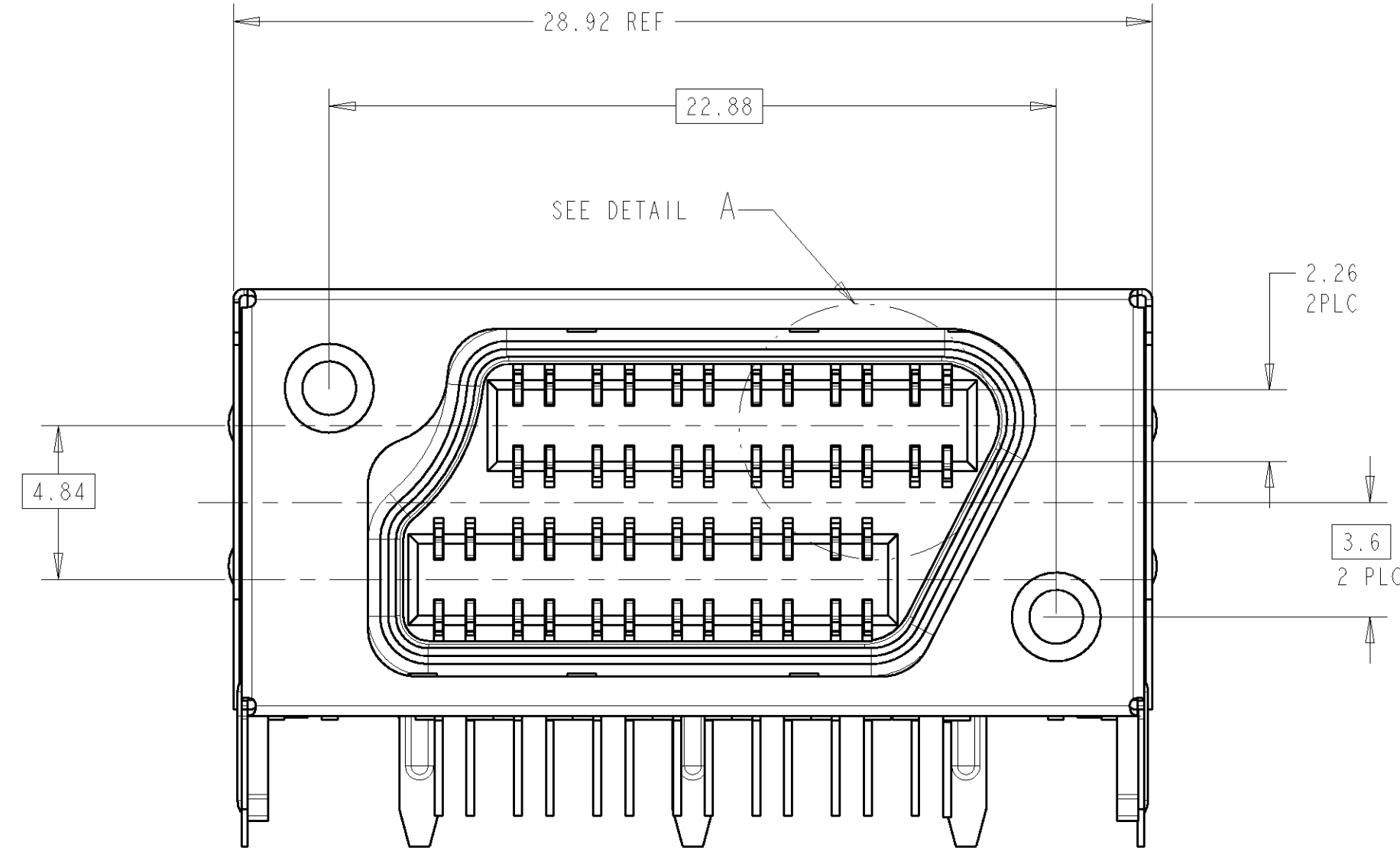
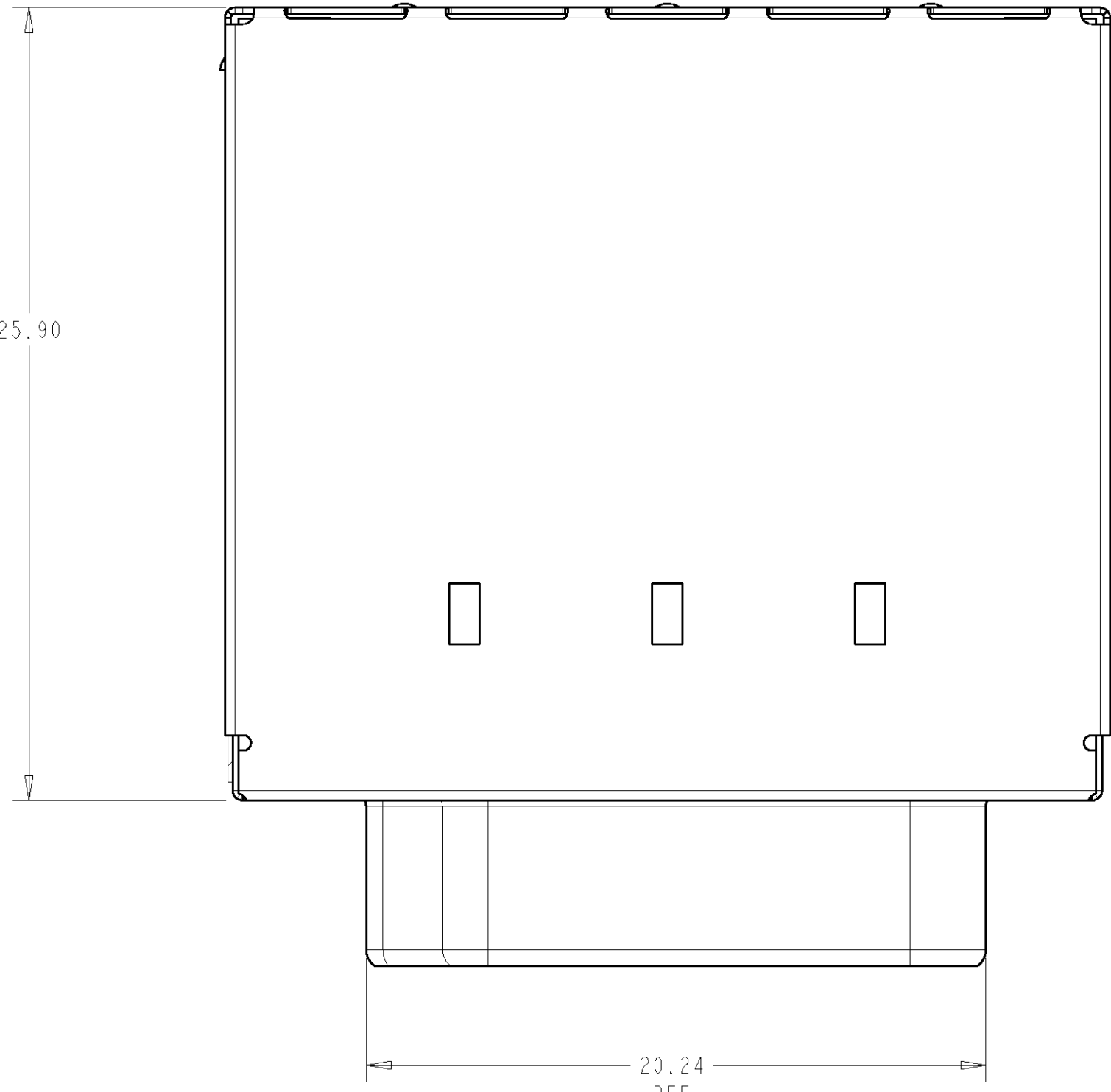
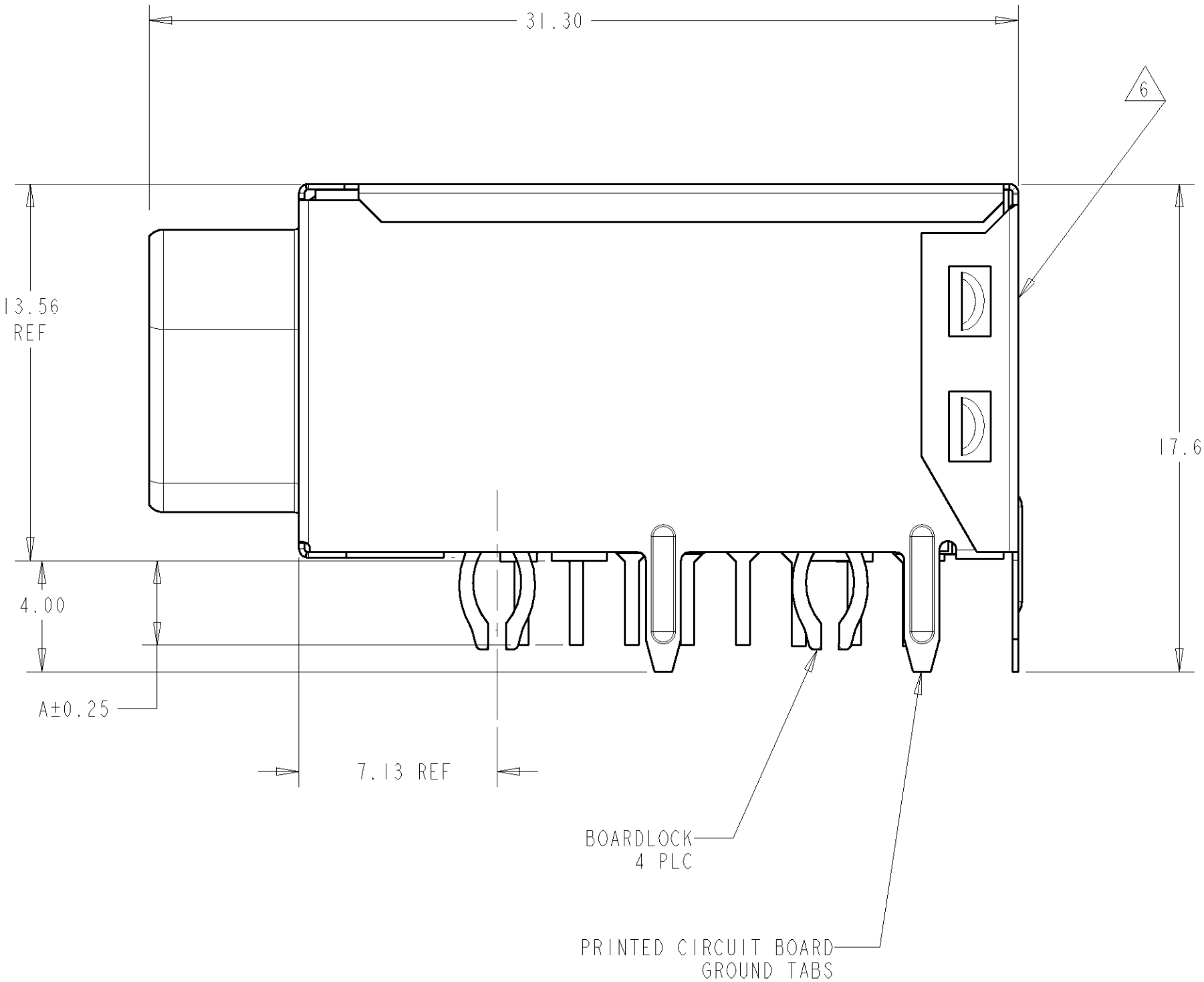


LOC	DIST	REVISIONS						
AA	00	P	LTR	DESCRIPTION	DATE	OWN	APVD	
		A		ECO-06-002586	03FEB2006	LAM	MY	
		B		ECO-06-005597	13MAR2006	LAM	PR	
		C		ECO-06-009340	21APR2006	LAM	PR	
		D		ECO-07-007895	27APR2007	LAM	PR	



1. MATERIAL:
HOUSING - BLACK THERMOPLASTIC, PBT FLAMMABILITY RATING UL 94V-0
SHIELD -0.2 MM THICK BRASS - PLATED WITH 1.98µm MIN THK. TIN. OVER 1.27µm MIN THK NICKEL
FRONT DRAWN SHELL - CARBON STEEL - PLATED WITH 5.08µm MIN NICKEL
BOARD LOCKS - BRASS PLATED WITH 1.27µm MIN TIN OVER 1.27µm MIN NICKEL
CONTACTS - 0.254 MM THK. PHOSPHOR BRONZE - ENTIRE TERMINAL PLATED WITH 2.54µm MIN NICKEL. MATING AREA PLATED WITH GOLD FLASH OVER 0.76µm MIN Pd-Ni. SOLDER TAILS WITH PLATED 1.98µm MIN TIN
INSERTS, THREADED - MILD STEEL
SCREW LOCKS - STAINLESS STEEL
- 3 THE SCREW LOCKS ARE FOR USE WITH JACKSCREWS TO PROVIDE CABLE RETENTION.
- 4 RECOMMENDED TORQUE FOR SCREW LOCK IS 4 IN-LB. FOR PANEL MOUNTED VERSION, 1761715-1 AND 1761715-2.
- 5 SCREW LOCK DESIGNATION:
SCREW LOCKS MUST BE ORDERED SEPARATELY FROM TABLE BELOW. SCREW LOCKS PACKAGED IN QUANTITIES OF 960 PIECES.
- | | |
|-----------------|----------------|
| > 1mm - < 2mm | 1339381-2 |
| 0mm - ≤ 1mm | 1339381-1 |
| PANEL THICKNESS | SCREW LOCK P/N |
- 6 DATE CODE AND PART NUMBER LABEL IN APPROXIMATE AREA SHOWN.
- 7 0.05 THK. INSULATING TAPE WITH 0.05 MIN THK. ADHESIVE BACKING IN AREA SHOWN.
- 8 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

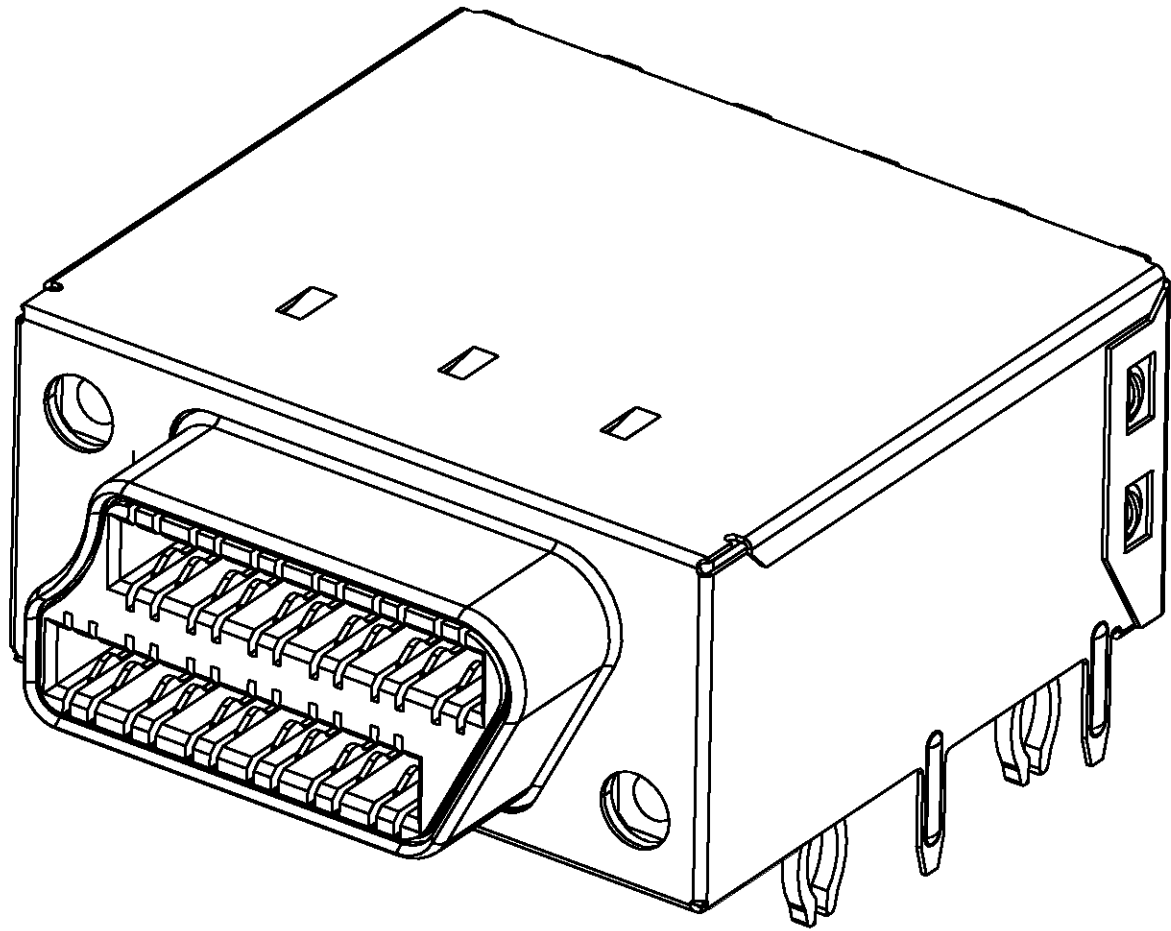


1761715-1 SHOWN

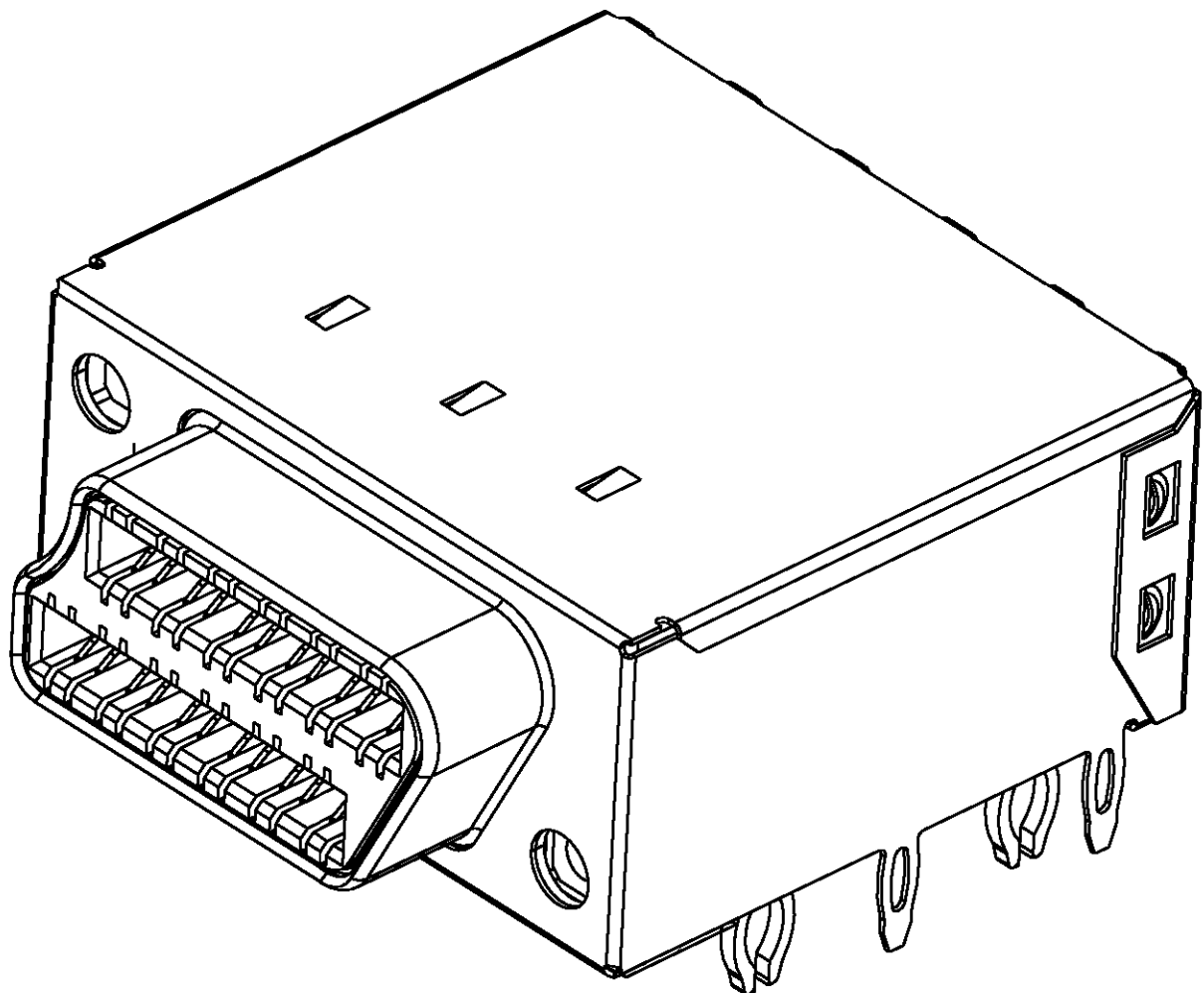
PRESS-FIT	3.04	1761715-2
SOLDERTAIL	4.54	1761715-1
TERMINATION	DIM "A"	PART NUMBER

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI 03FEB2006		CHK M. YEOMANS 03FEB2006		APVD S. FLICKINGER 03FEB2006		NAME Tyco Electronics Harrisburg, PA 17103-3608	
mm		0 PLC ±0.1		PRODUCT SPEC		108-2064		APPLICATION SPEC		SIZE CAGE CODE DRAWING NO	
MATERIAL SEE NOTE 1		FINISH -		WEIGHT -		A 00779 C=1761715		RESTRICTED TO		SCALE 6:1 SHEET 1 OF 4 REV D	
CUSTOMER DRAWING											

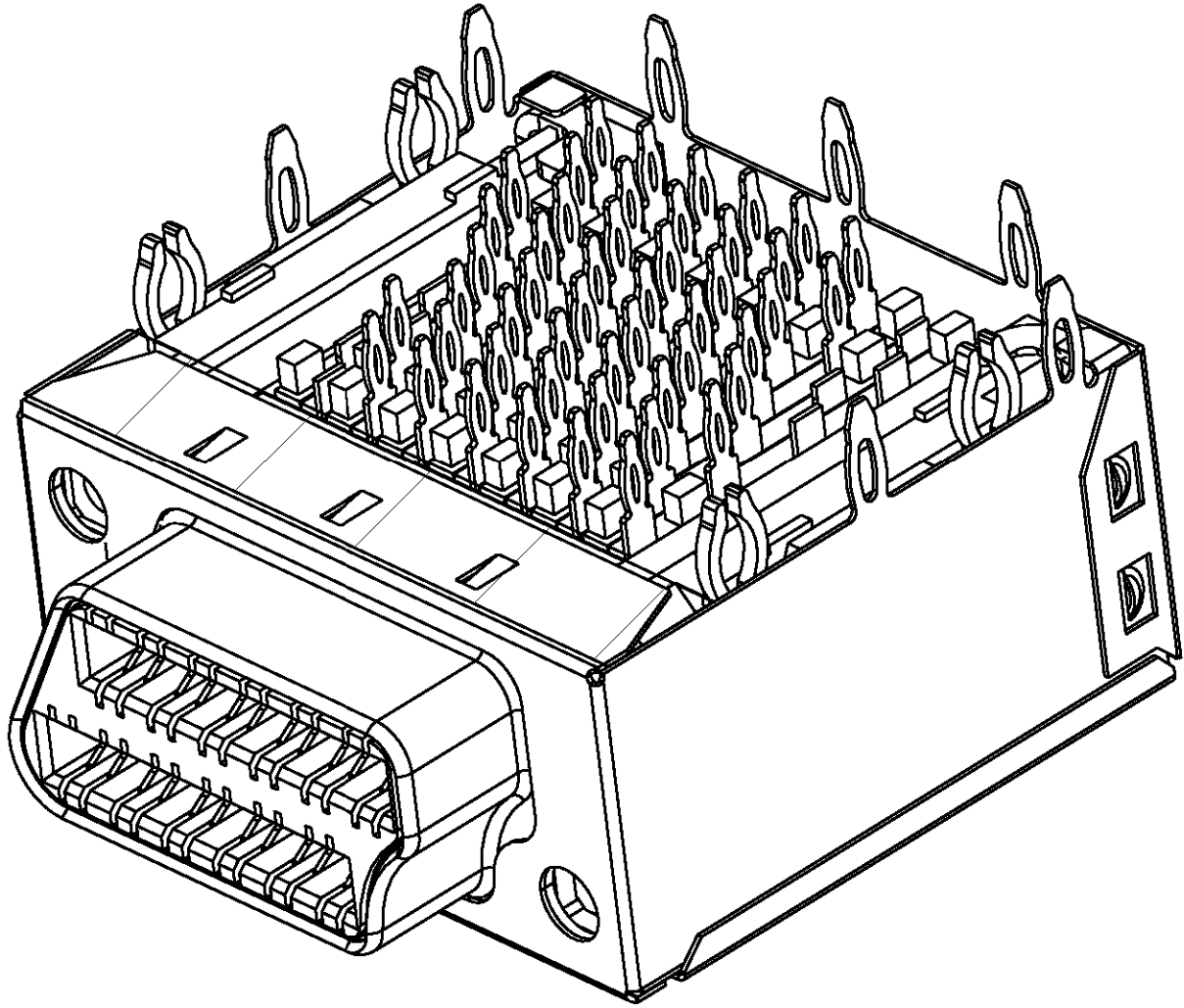
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AA	00	-	-	SEE SHEET 1	-	-	-



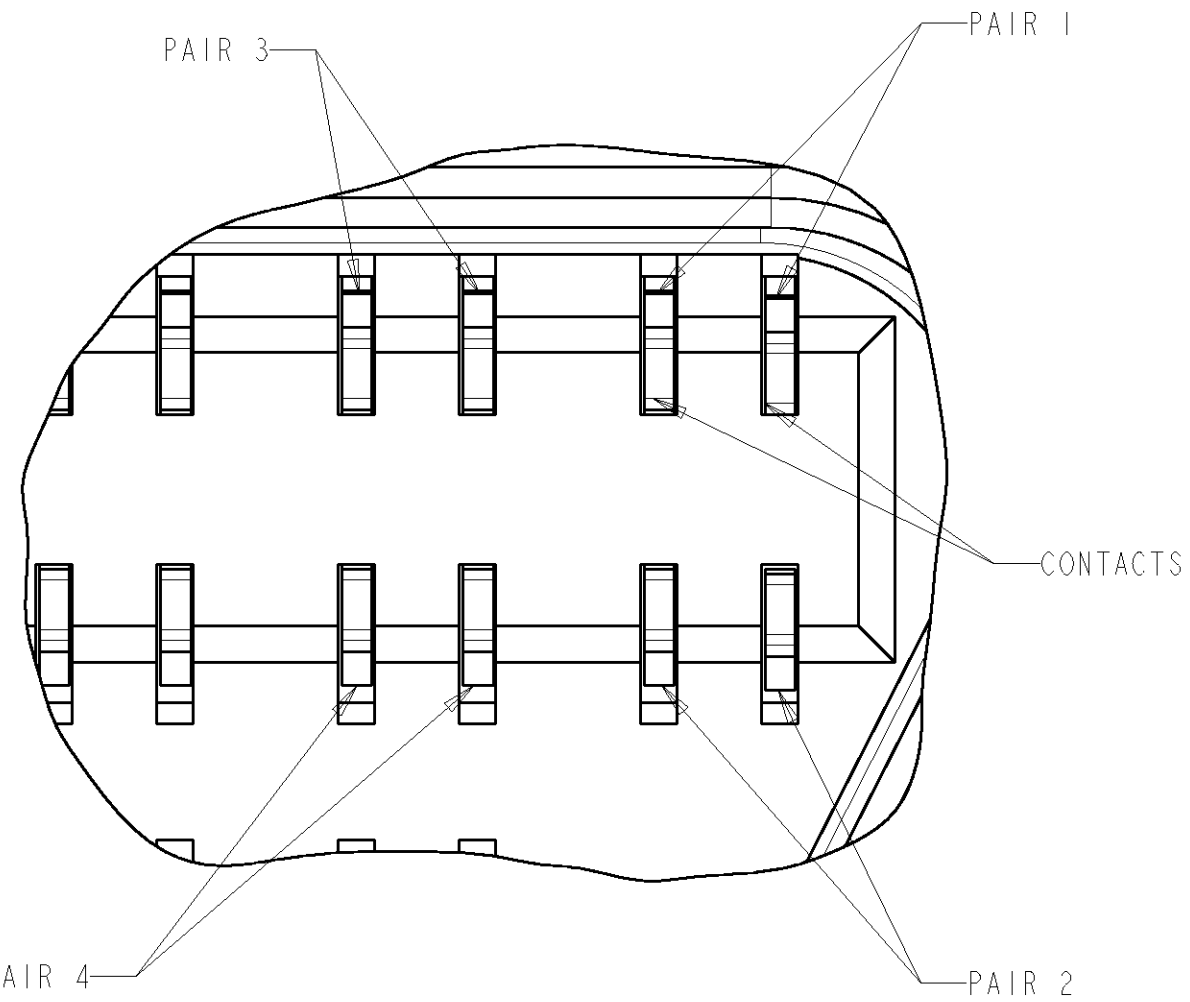
1761715-1
SCALE 4:1



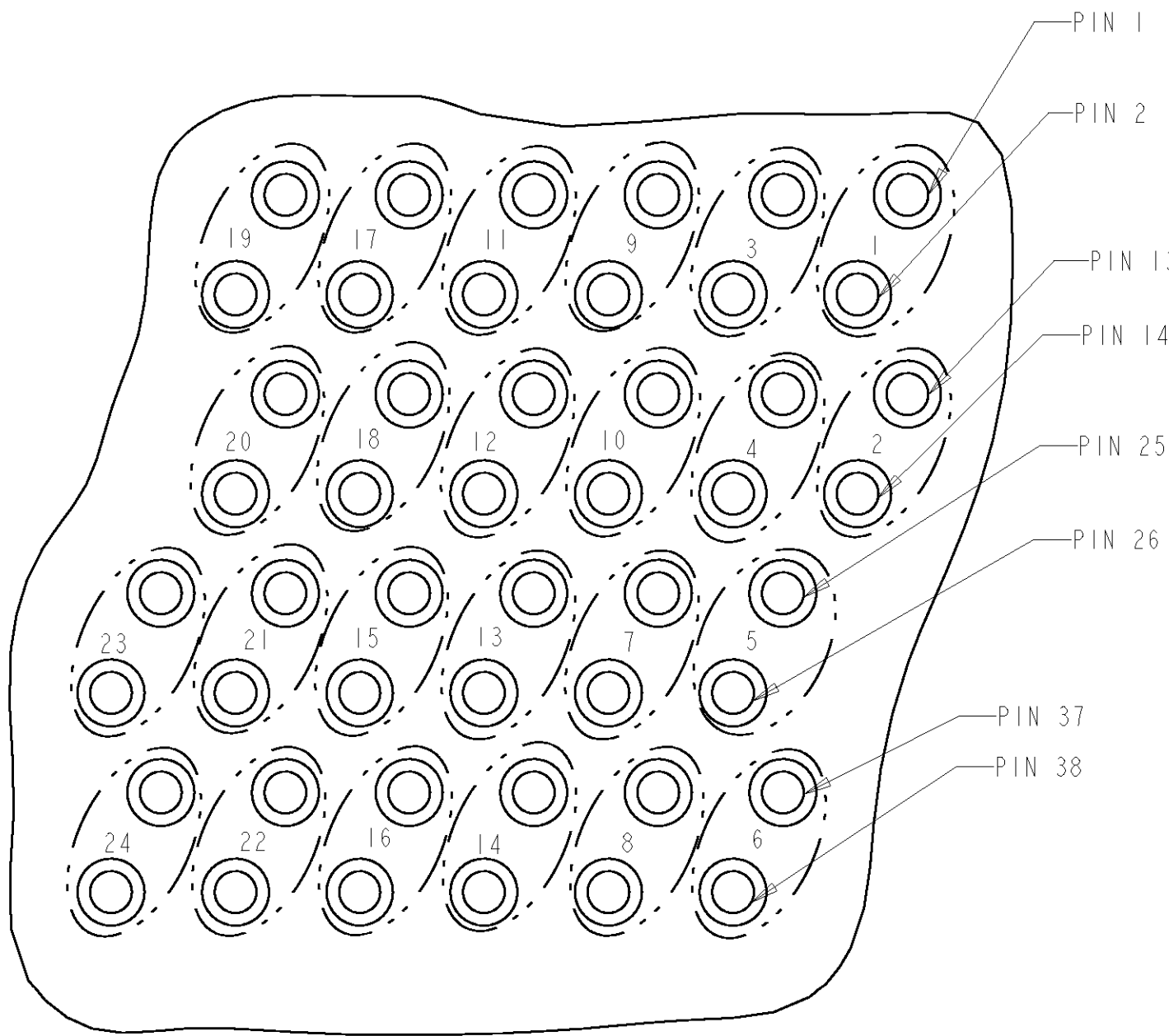
1761715-2
PRESS-FIT VERSION
SCALE 4:1



PRESS-FIT
BOTTOM VIEW
SCALE 4:1



DETAIL A
SCALE 16:1



PROPOSED PAIR GROUPING

MODULAR PLUG AND RJ-21 PIN-OUT FOR USE IN 10/100/1000 BASE-T APPLICATIONS

GIG ETHERNET PORT	PLUG POSN.	COLOR	10/100 ETHERNET PORT	PLUG POSN.	COLOR	RJ-21 PIN	MRJ 21 PIN	MRJ 21 PAIR NUM
1	5	WHT/BLU	1	1	WHT/BLU	26	1	1
	4	BLU/WHT		2	BLU/WHT	1	2	
	3	WHT/ORG		3	WHT/ORN	27	13	2
	6	ORG/WHT		6	ORN/WHT	2	14	
	1	WHT/GRN	2	1	WHT/GRN	28	3	3
	2	GRN/WHT		2	GRN/WHT	3	4	
	7	WHT/BRN		3	WHT/BRN	29	15	4
	8	BRN/WHT		6	BRN/WHT	4	16	
2	5	WHT/GRY	3	1	WHT/GRY	30	25	5
	4	GRY/WHT		2	GRY/WHT	5	26	
	3	RED/BLU		3	RED/BLU	31	37	6
	6	BLU/RED		6	BLU/RED	6	38	
	1	RED/ORG	4	1	RED/ORN	32	27	7
	2	ORG/RED		2	ORN/RED	7	28	
	7	RED/GRN		3	RED/GRN	33	39	8
	8	GRN/RED		6	GRN/RED	8	40	
3	5	RED/BRN	5	1	RED/BRN	34	5	9
	4	BRN/RED		2	BRN/RED	9	6	
	3	RED/GRY		3	RED/GRAY	35	17	10
	6	GRY/RED		6	GRY/RED	10	18	
	1	BLK/BLU	6	1	BLK/BLU	36	7	11
	2	BLU/BLK		2	BLU/BLK	11	8	
	7	BLK/ORG		3	BLK/ORN	37	19	12
	8	ORG/BLK		6	ORN/BLK	12	20	
4	5	BLK/GRN	7	1	BLK/GRN	38	29	13
	4	GRN/BLK		2	GRN/BLK	13	30	
	3	BLK/BRN		3	BLK/BRN	39	41	14
	6	BRN/BLK		6	BRN/BLK	14	42	
	1	BLK/GRY	8	1	BLK/GRY	40	31	15
	2	GRY/BLK		2	GRY/BLK	15	32	
	7	YEL/BLU		3	YEL/BLU	41	43	16
	8	BLU/YEL		6	BLU/YEL	16	44	
5	5	YEL/ORG	9	1	YEL/ORN	42	9	17
	4	ORG/YEL		2	ORN/YEL	17	10	
	3	YEL/GRN		3	YEL/GRN	43	21	18
	6	GRN/YEL		6	GRN/YEL	18	22	
	1	YEL/BRN	10	1	YEL/BR	44	11	19
	2	BRN/YEL		2	BR/YEL	19	12	
	7	YEL/GRY		3	YEL/GRY	45	23	20
	8	GRY/YEL		6	GRY/YEL	20	24	
6	5	VIO/BLU	11	1	VIO/BLU	46	33	21
	4	BLU/VIO		2	BLU/VIO	21	34	
	3	VIO/ORG		3	VIO/ORN	47	45	22
	6	ORG/VIO		6	ORN/VIO	22	46	
	1	VIO/GRN	12	1	VIO/GRN	48	35	23
	2	GRN/VIO		2	GRN/VIO	23	36	
	7	VIO/BRN		3	VIO/BRN	49	47	24
	8	BRN/VIO		6	BRN/VIO	24	48	

IF IT IS DETERMINED TO CHANGE THE CONTROLLING ENGINEERING ORGANIZATION, THE NAME OF THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST NOTATION.

DRN
R. GRZYBOWSKI
03FEB2006

CHK
M. YEOMANS
03FEB2006

APVD
S. FLICKINGER
03FEB2006

PRODUCT SPEC
108-2064

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

NAME
ASSEMBLY,
RECEPTACLE, 48 POSITION,
MR J21

SIZE
A1

CAGE CODE
00779

DRAWING NO.
1761715

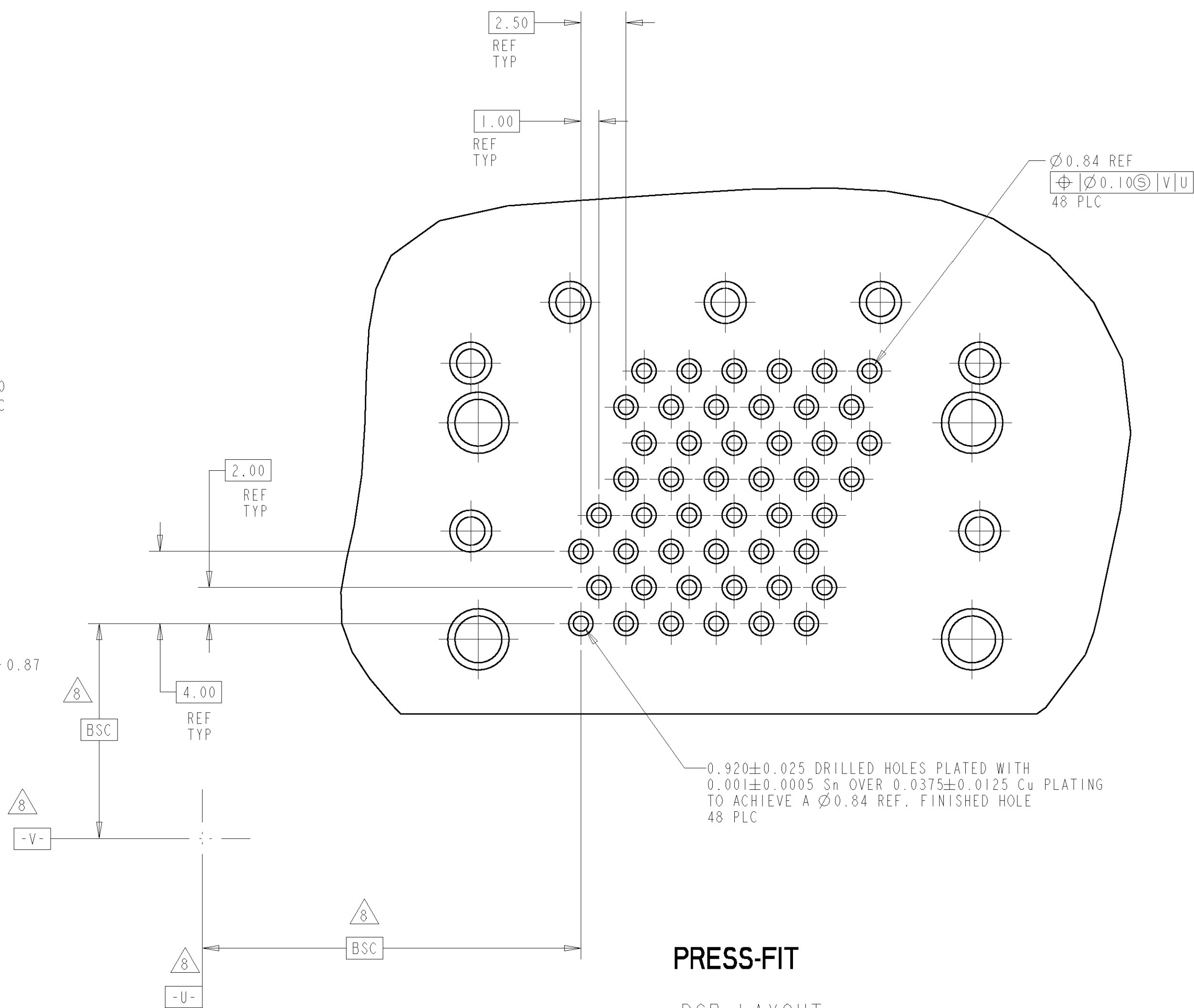
RESTRICTED TO
-

SCALE
6:1

SHEET
2

OF
4

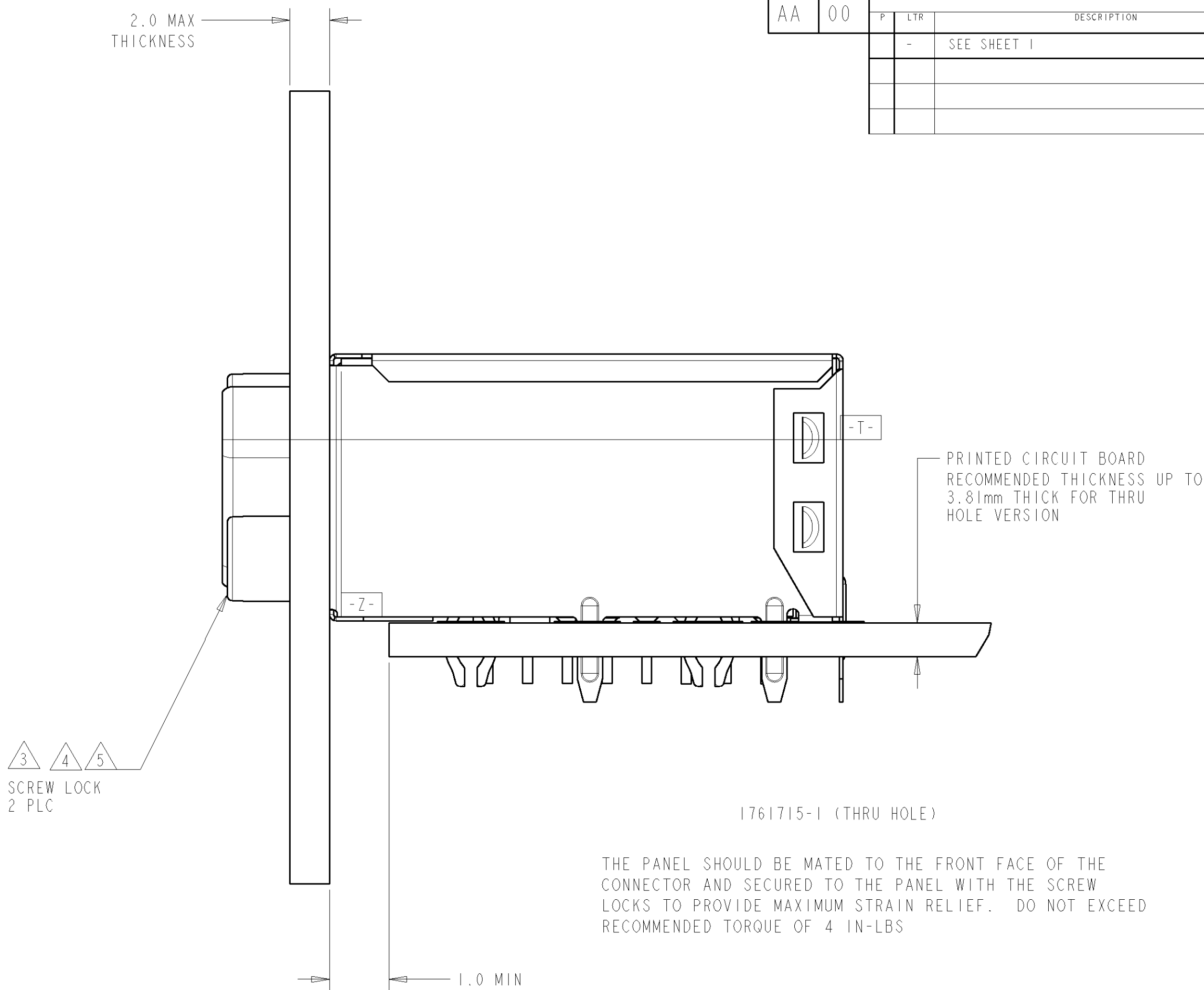
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PRESS-FIT

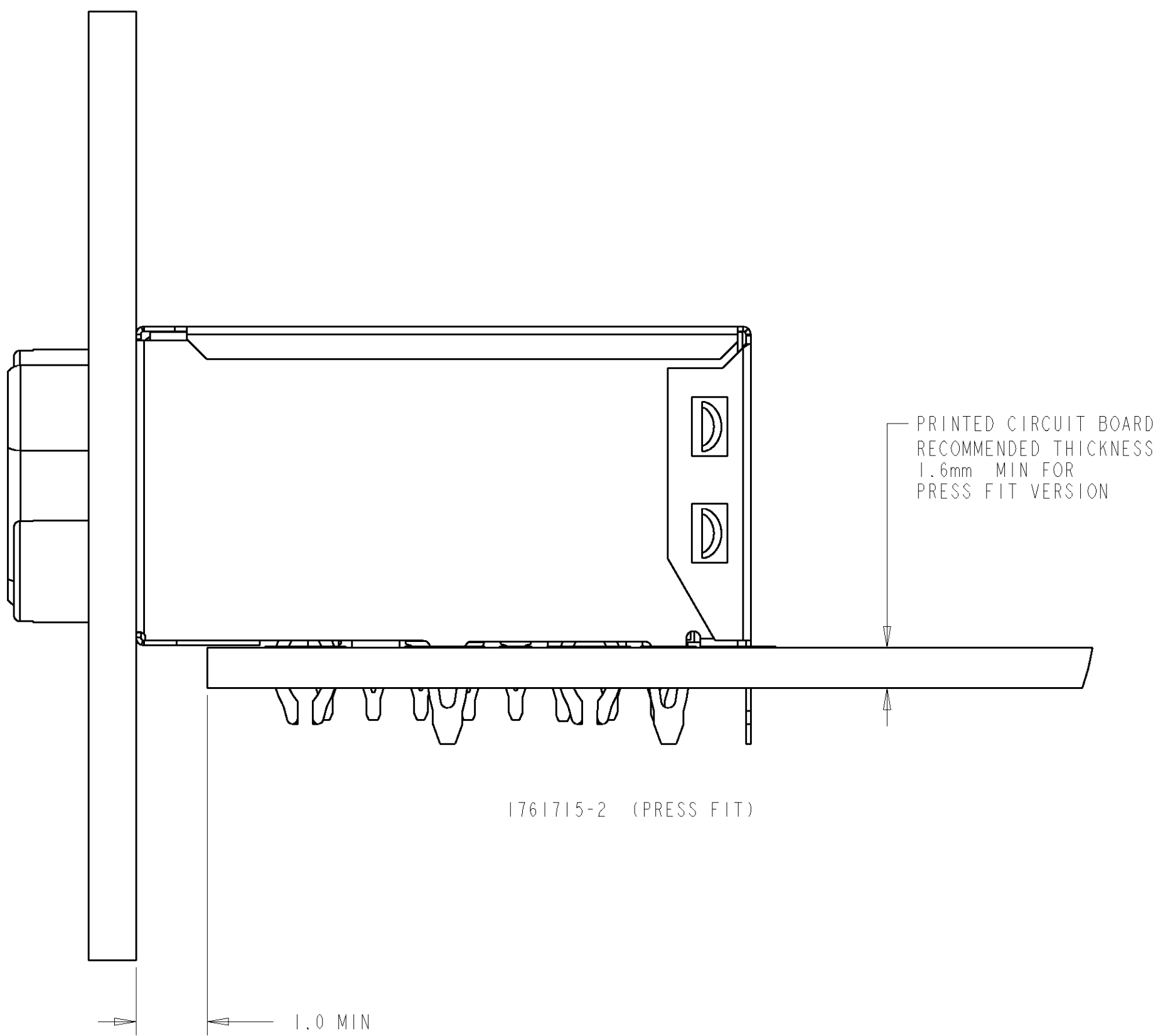
PCB LAYOUT
SAME AS -1 EXCEPT AS NOTED
SCALE 5:1

DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm$ 1 PLC ± 0.1 2 PLC ± 0.10 3 PLC $\pm$ 4 PLC $\pm$ ANGLES $\pm$		DWN 03FEB2006 GRZYBOWSKI CHG 03FEB2006 M.YEOMANS APPR 03FEB2006 S. FICKLING	Tyco Electronics Tyco Electronics Harrisburg, PA 17105-3608
		PRODUCT SPEC 108-2064 APPLICATION SPEC		NAME ASSEMBLY RECEPTACLE, 48 POSITION, MR J21	
MATERIAL SEE NOTE 1		WEIGHT -		SIZE CAGE CODE DRAWING NO A1 00779 C1761715	RESTRICTED TO -
FINISH -		CUSTOMER DRAWING		SCALE 6:1 SHEET 3 OF 4 REV D	



1761715-1 (THRU HOLE)

THE PANEL SHOULD BE MATED TO THE FRONT FACE OF THE CONNECTOR AND SECURED TO THE PANEL WITH THE SCREW LOCKS TO PROVIDE MAXIMUM STRAIN RELIEF. DO NOT EXCEED RECOMMENDED TORQUE OF 4 IN-LBS



1761715-2 (PRESS FIT)

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DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		ASSEMBLY	
mm		0 P L C ± .01		03FEB2006		HARRISBURG, PA 17105-3608	
		1 P L C ± .01		PRODUCT SPEC		RECEPTACLE, 48 POSITION,	
2 P L C ± .01		108-2064		APPLICATION SPEC		MR J21	
4 P L C ± .01		ANGLES ± .01		SIZE		CAGE CODE	
MATERIAL		FINISH		DRAWING NO		RESTRICTED TO	
NOTE 1		WEIGHT		A1		00779	
CUSTOMER DRAWING		SCALE		6:1		SHEET 4 OF 4	
REV D		REV D		REV D		REV D	

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[1761715-2](#)