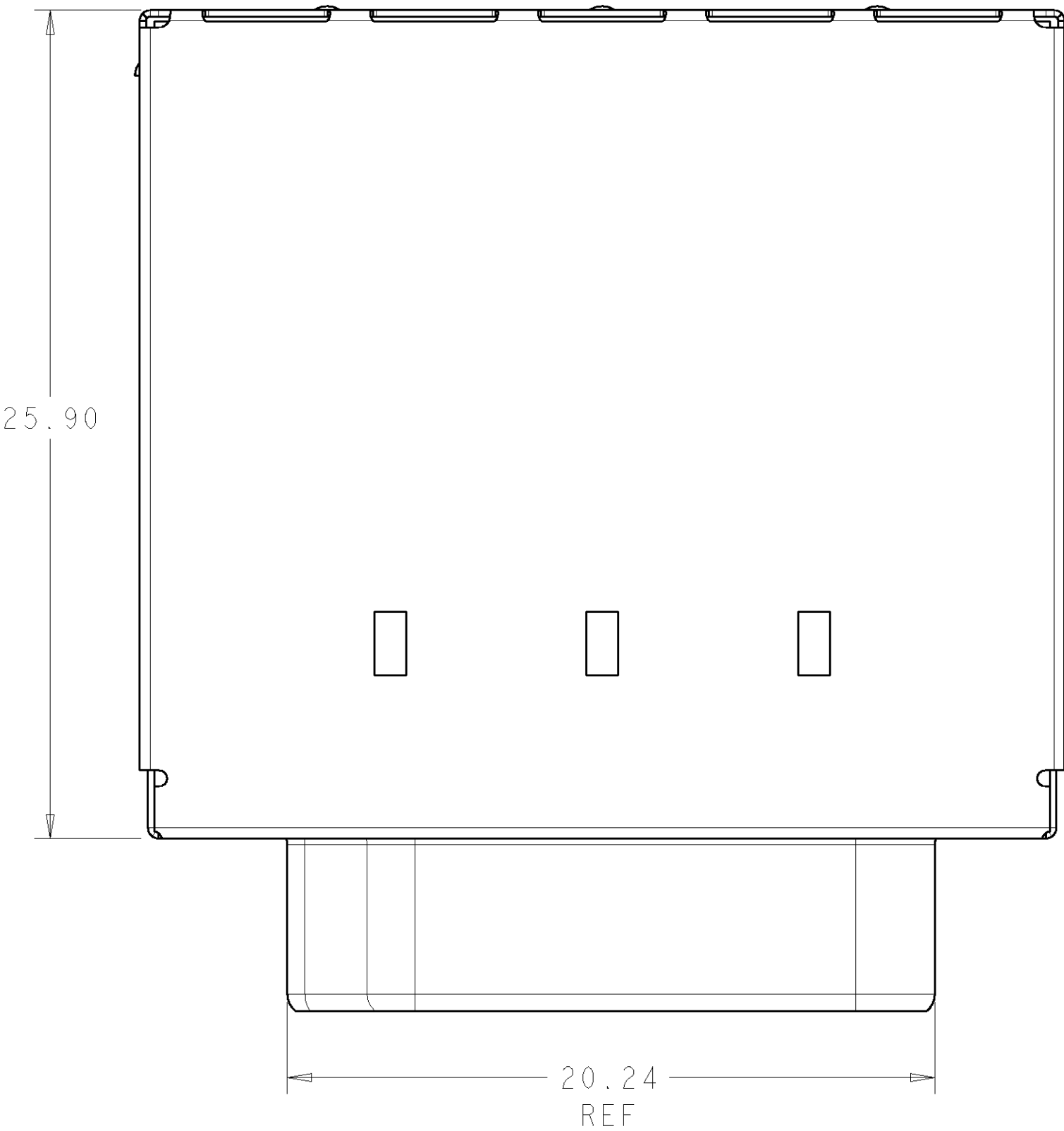


LOC		DIST		REVISIONS				
GP	00	P	LTR	DESCRIPTION		DATE	DWN	APVD
			E1	REVISED PER ECO-11-005294		20APR11	RK	HMR



1 MATERIAL:
HOUSING - BLACK THERMOPLASTIC, PBT FLAMMMABILITY RATING UL 94V-0
SHIELD -0.2 MM THICK BRASS - PLATED 1.98µm MIN THK. TIN OVER
1.27µm MIN THK NICKEL. (EXCEPT 1761482-4 DOES NOT HAVE TIN)
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 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 (1761482-1 AND 1761482-4).
RECOMMENDED TORQUE FOR SCREW LOCK IS 2 IN-LB. FOR PANEL GROUND VERSION (1761482-2).

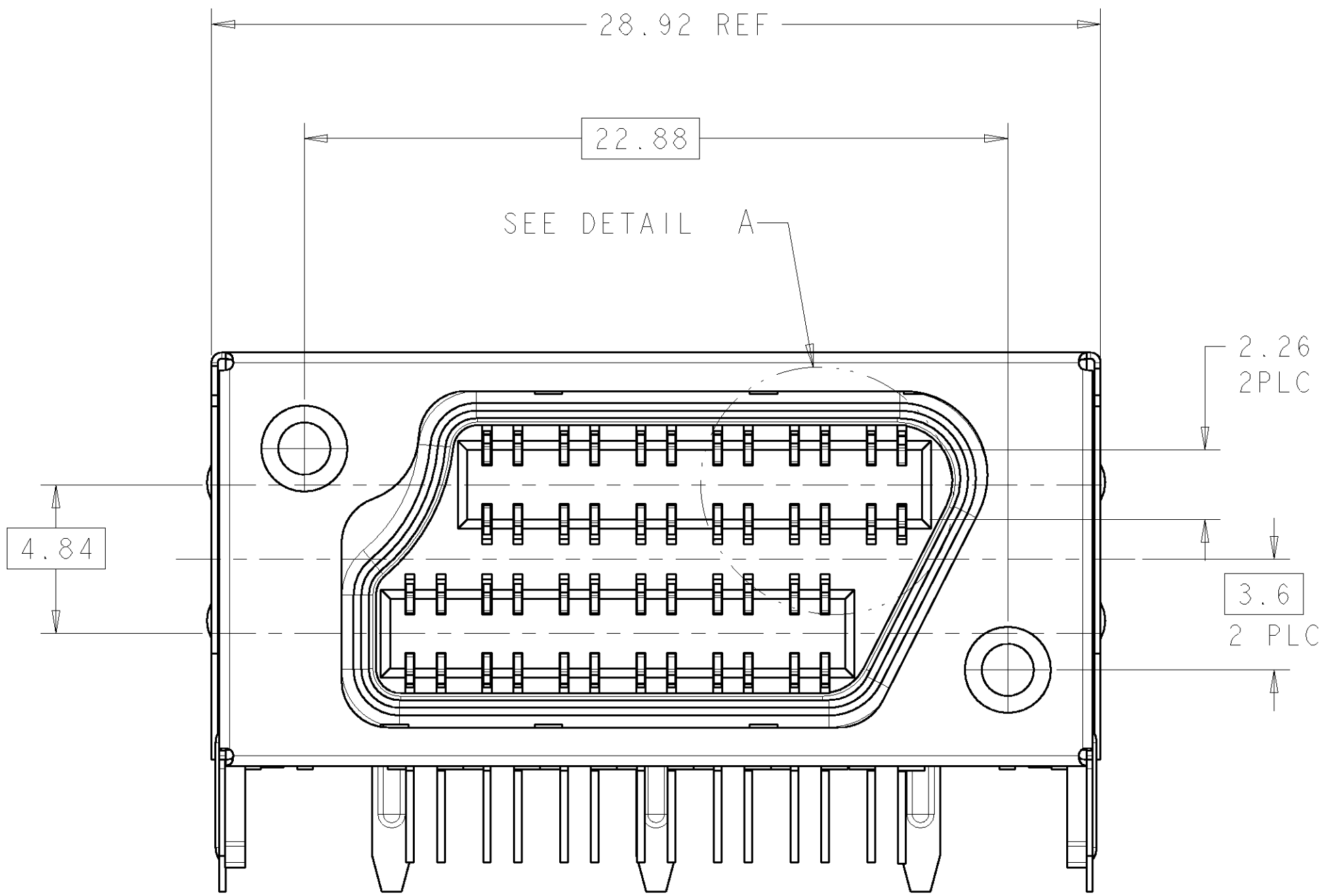
5 SCREW LOCK DESIGNATION:
SCREW LOCKS MUST BE ORDERED SEPARATELY FROM TABLE BELOW.

> 1mm - < 2mm	1339381-4	100
	1339381-2	960
0mm - < 1mm	1339381-3	100
	1339381-1	960
PANEL THICKNESS	SCREW LOCK P/N	PKG QTY

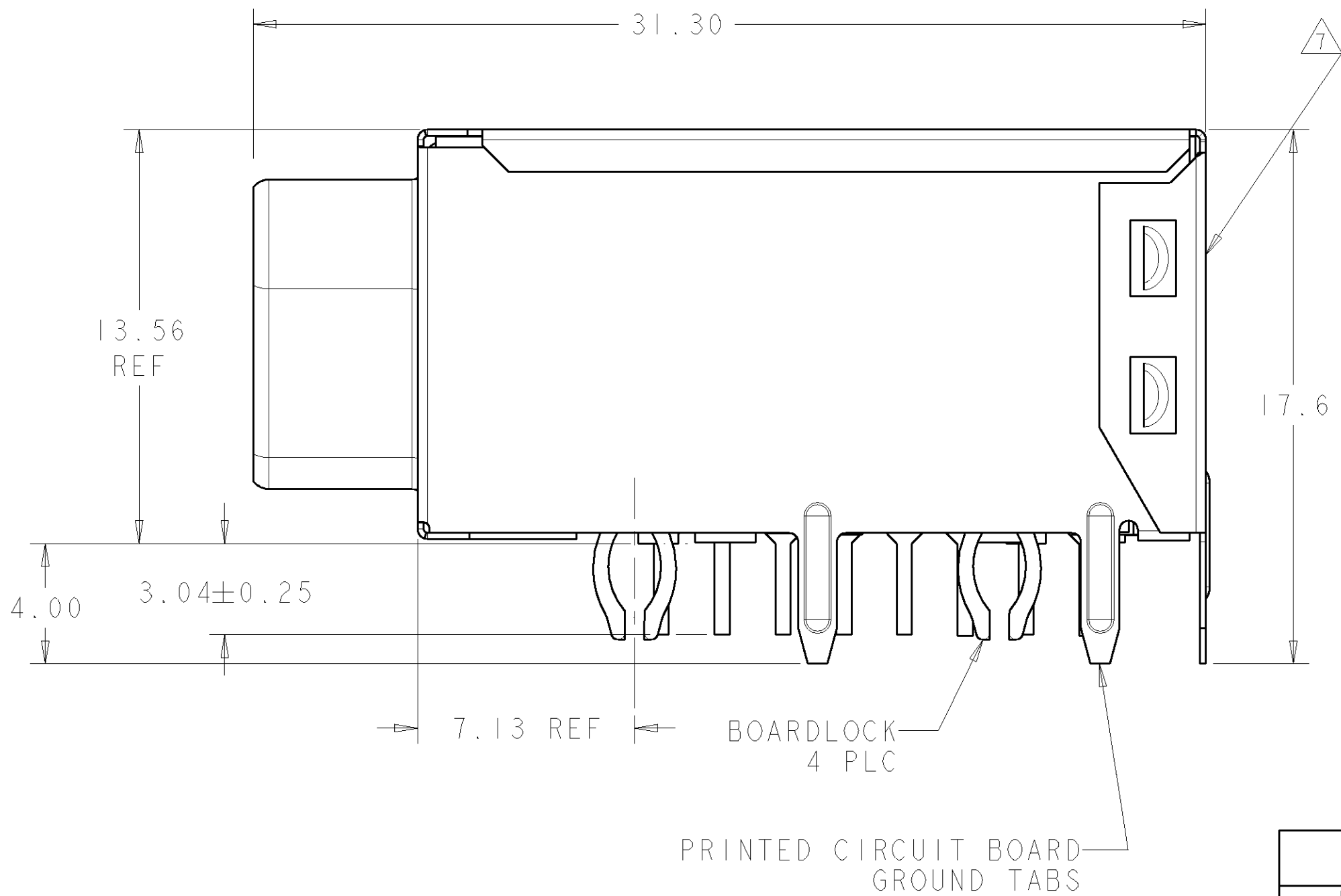
6 IF DIM "A" NEEDS TO BE INCREASED FOR STRUCTURAL PURPOSES, A CUT-OUT WILL BE REQUIRED ON THE PCB TO CLEAR BOTTOM PANEL GROUNDS.

7 DATE CODE AND PART NUMBER LABEL IN APPROXIMATE AREA SHOWN.

9 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER



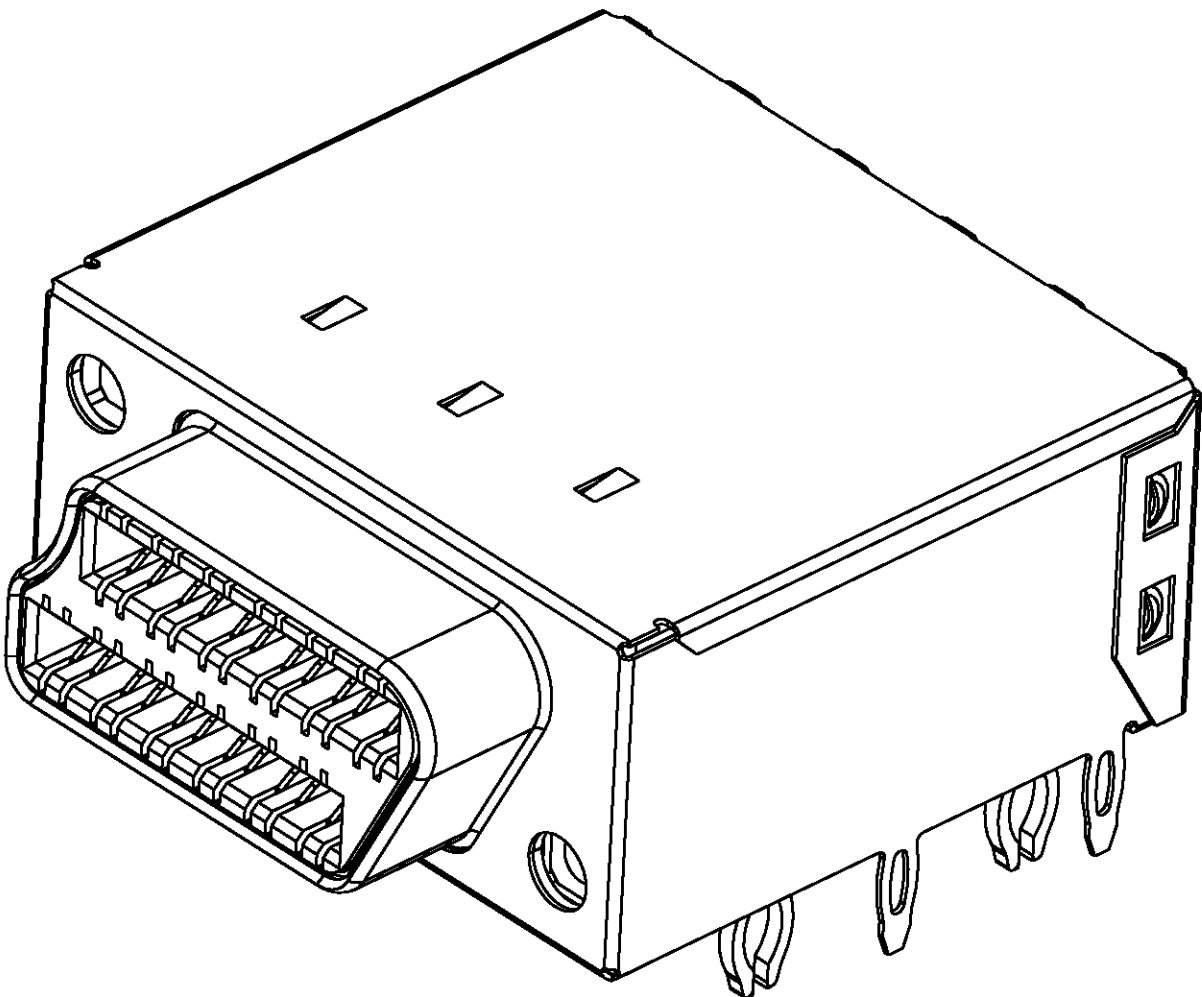
1761482-1 SHOWN



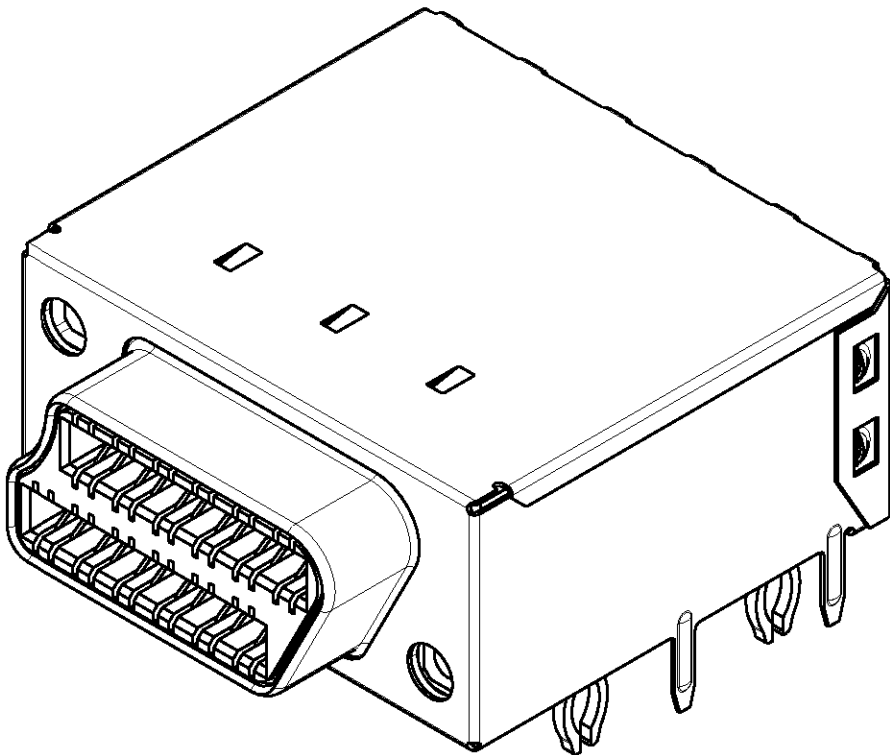
PRINTED CIRCUIT BOARD-
GROUND TABS

-	NO	1761482-4
2.8 6	YES	1761482-2
-	NO	1761482-1
DIM "A"	PANEL GROUND TABS	PART NUMBER

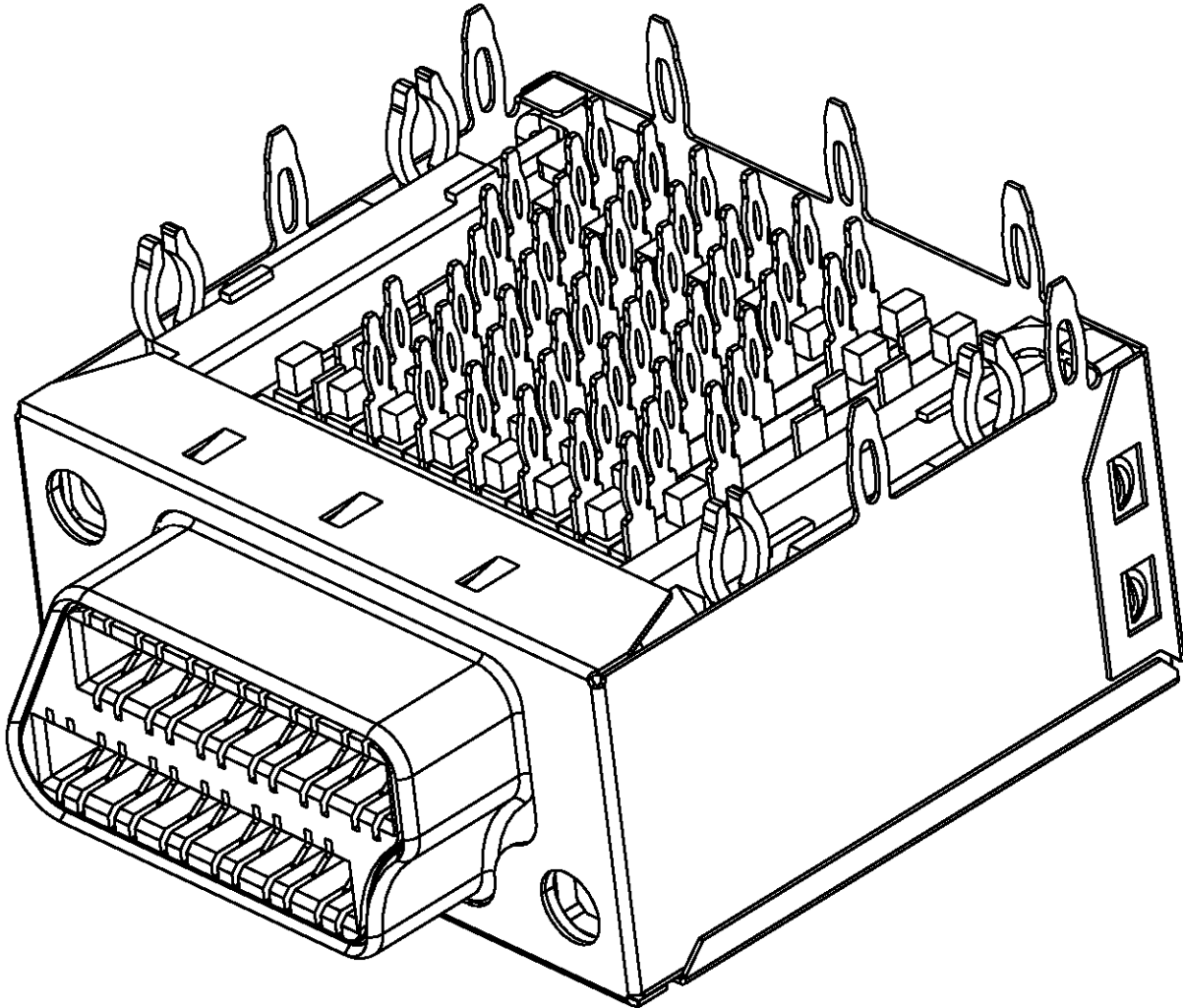
DIMENSIONS:		DWN R. GRZYBOWSKI 4DEC2004	TE Connectivity	
mm		CHK D.A.FAROLE 14DEC2004		
		APVD D.A.FAROLE 14DEC2004	NAME	
		PRODUCT SPEC		
		108-2064	SIZE	
		APPLICATION SPEC		
MATERIAL		WEIGHT	00779	
		CUSTOMER DRAWING	C=1761482	
		SCALE	3:1	
		SHEET	1 OF 4	
		REV	E1	



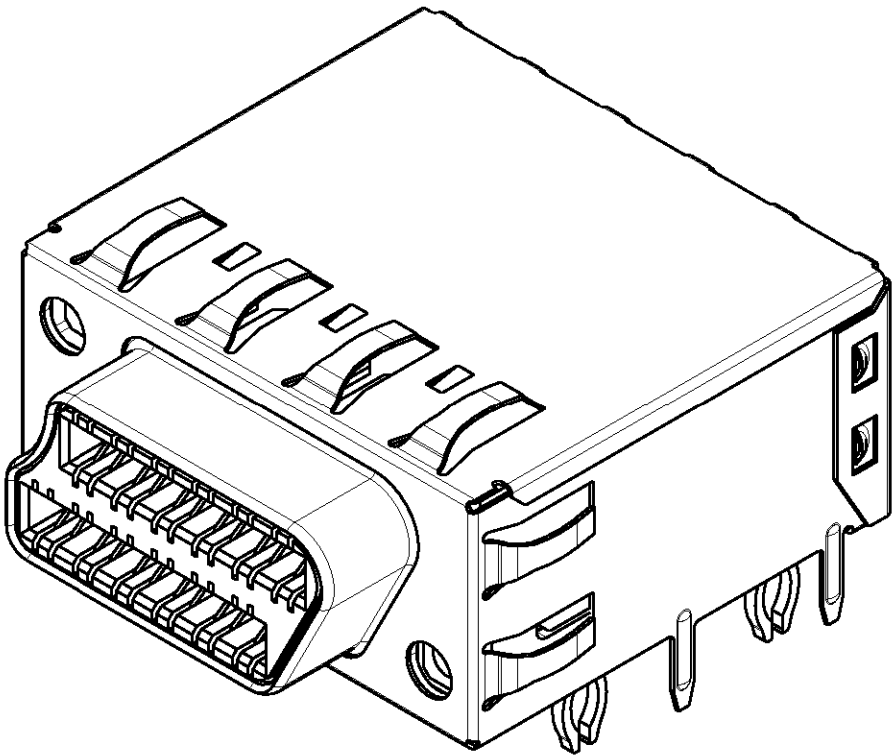
1761482-4 SHOWN
PRESS FIT
SCALE 4:1



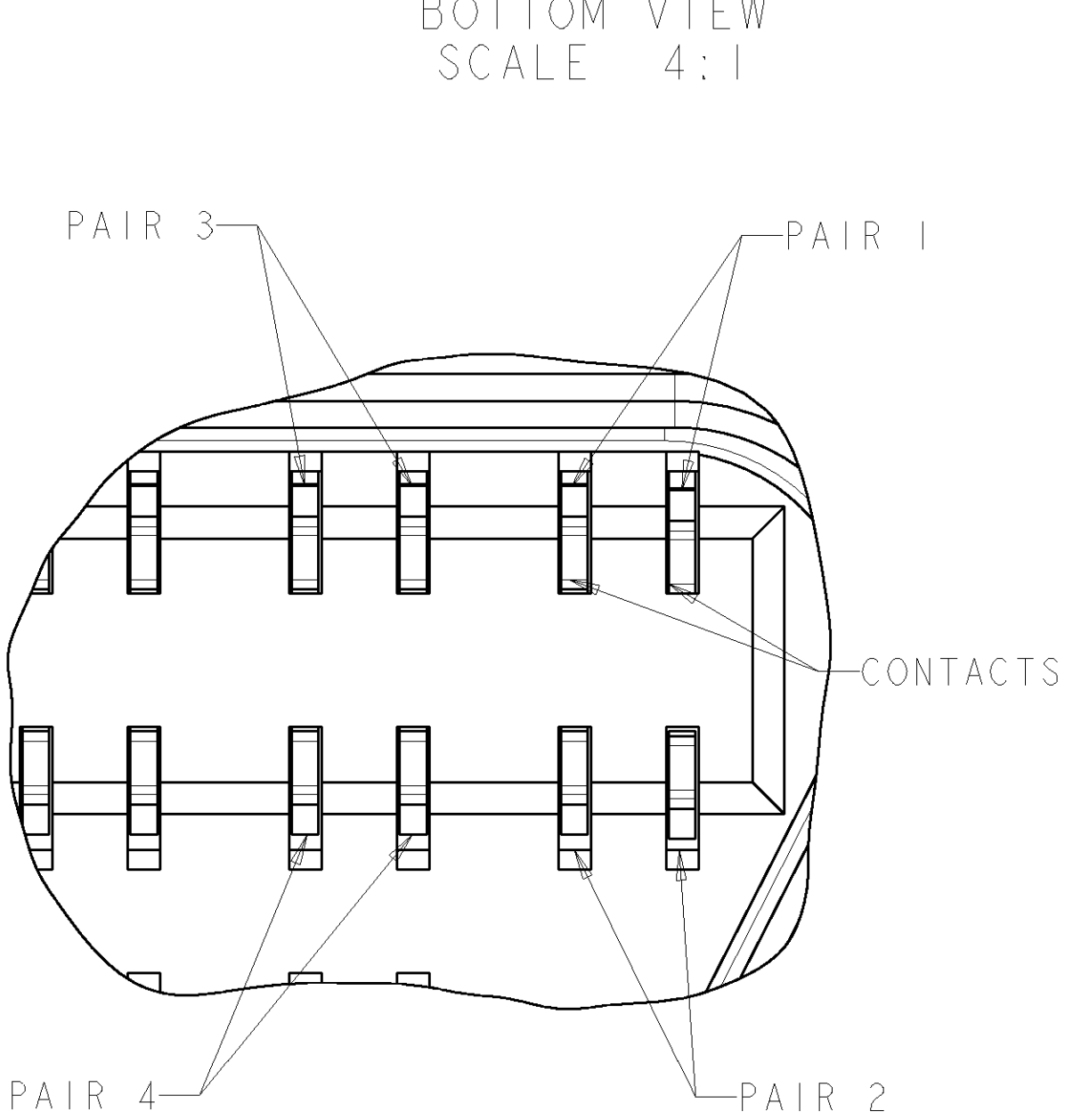
1761482-1 SHOWN
SCALE 3:1



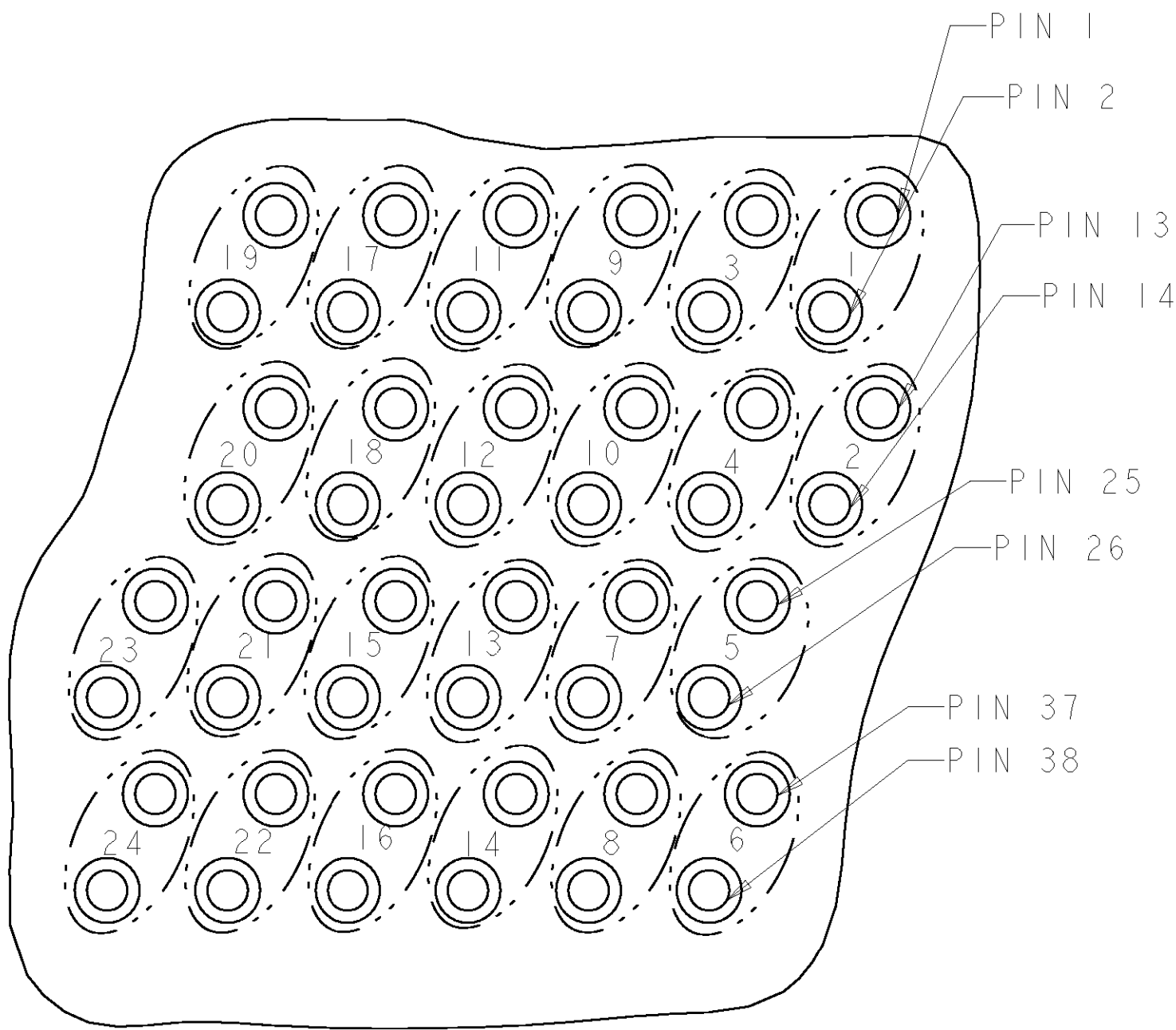
1761482-4
PRESS FIT
BOTTOM VIEW
SCALE 4:1



1761482-2 SHOWN
SCALE 3:1



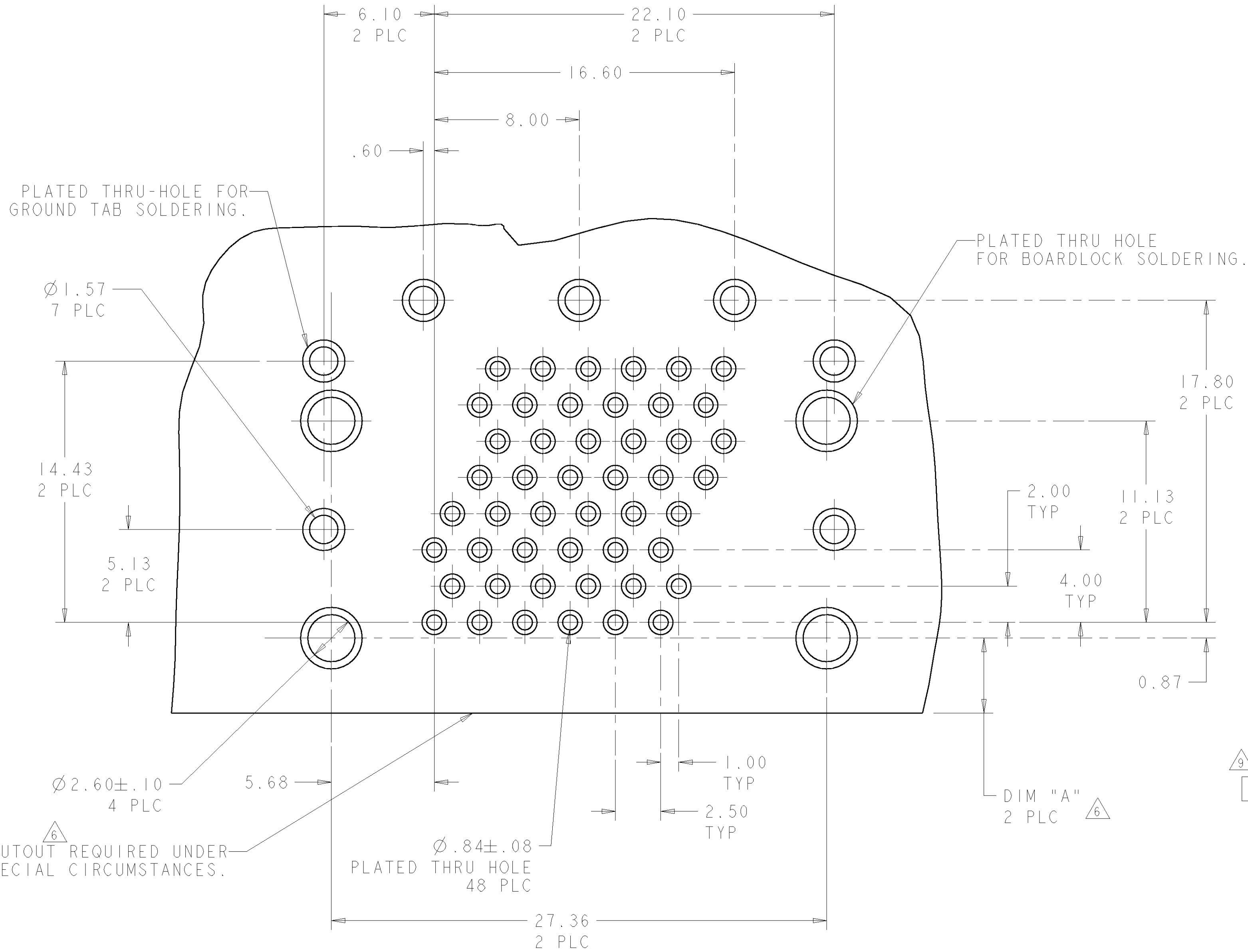
DETAIL A
SCALE 16:1



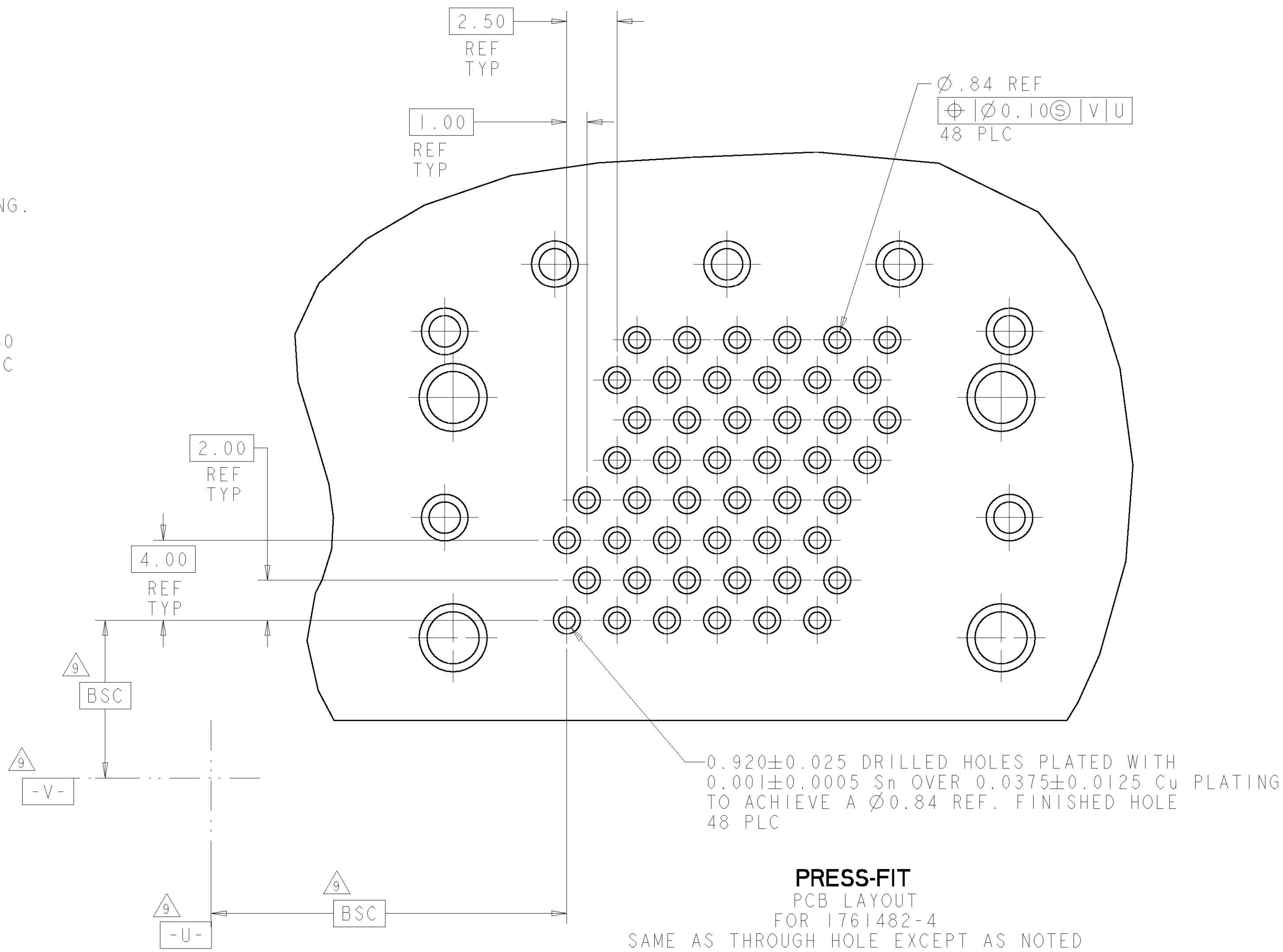
PROPOSED PAIR GROUPING

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	2
	3	WHT/ORG		3	WHT/ORN	27	13	
	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	4
	7	WHT/BRN		3	WHT/BRN	29	15	
	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	6
	3	RED/BLU		3	RED/BLU	31	37	
	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	8
	7	RED/GRN		3	RED/GRN	33	39	
	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	10
	3	RED/GRY		3	RED/GRAY	35	17	
	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	12
	7	BLK/ORG		3	BLK/ORN	37	19	
	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	14
	3	BLK/BRN		3	BLK/BRN	39	41	
	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	16
	7	YEL/BLU		3	YEL/BLU	41	43	
	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	18
	3	YEL/GRN		3	YEL/GRN	43	21	
	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	20
	7	YEL/GRY		3	YEL/GRY	45	23	
	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	22
	3	VIO/ORG		3	VIO/ORN	47	45	
	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	24
	7	VIO/BRN		3	VIO/BRN	49	47	
	8	BRN/VIO		6	BRN/VIO	24	48	

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

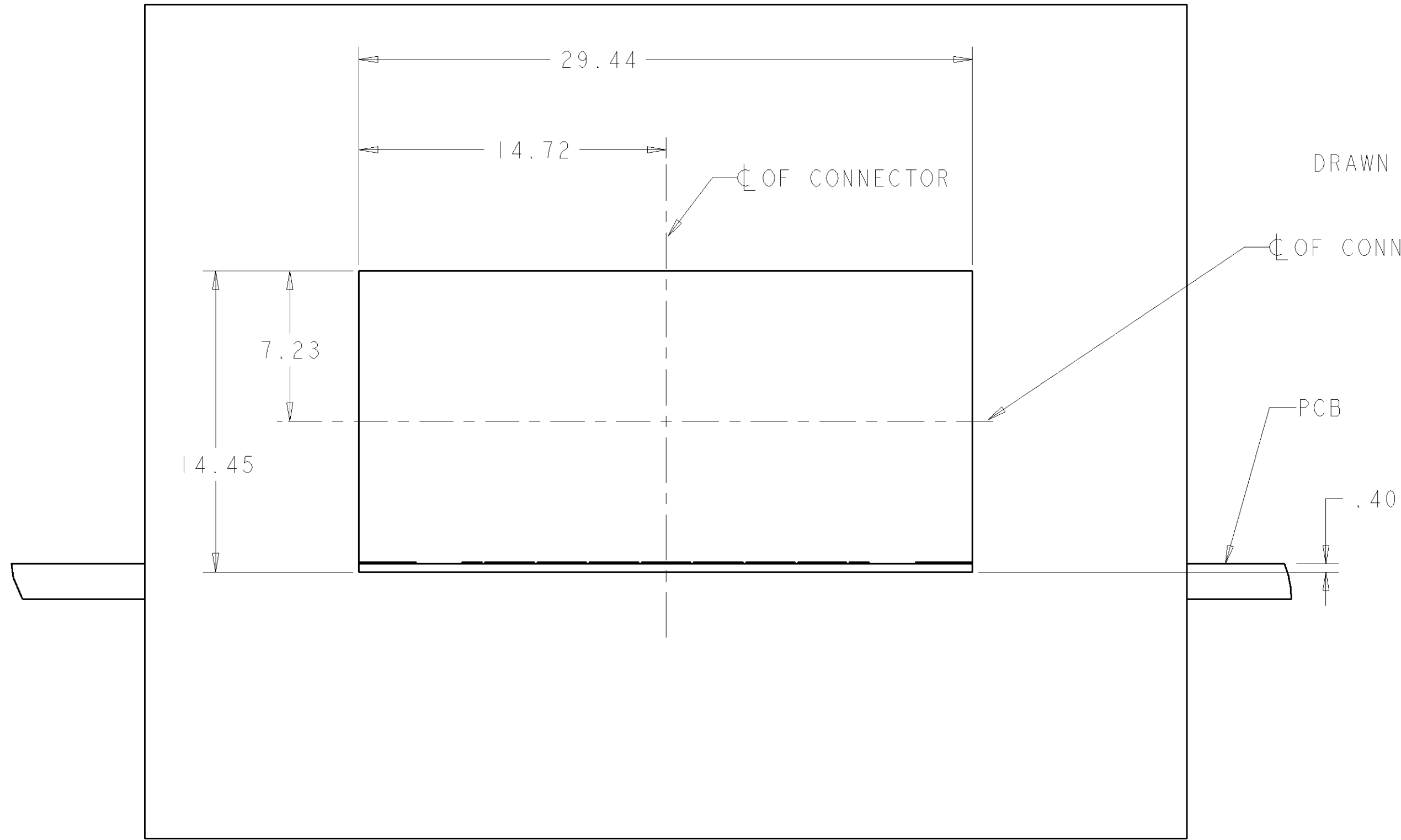


PCB LAYOUT
FOR THROUGH HOLE
COMPONENT SIDE

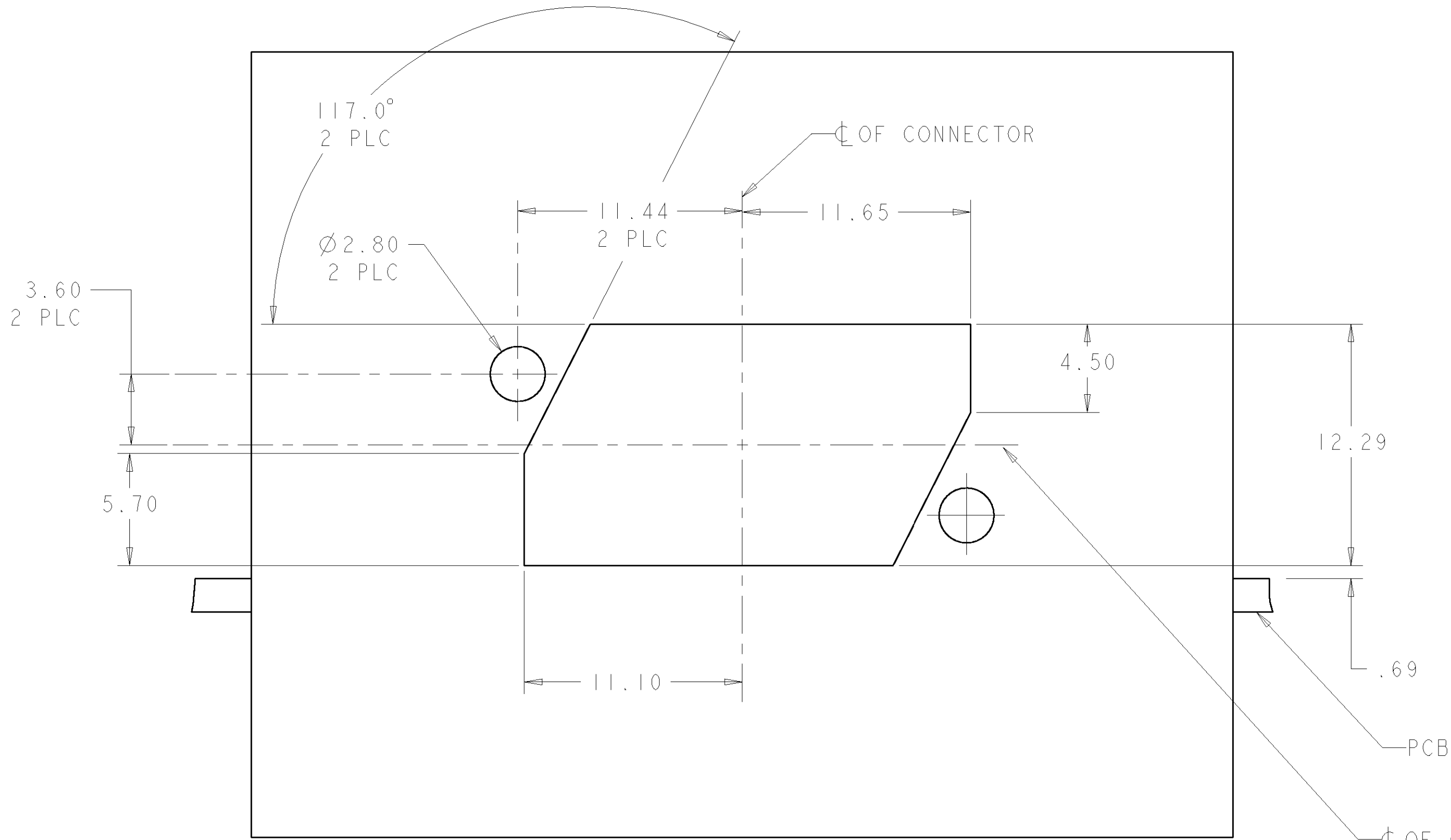
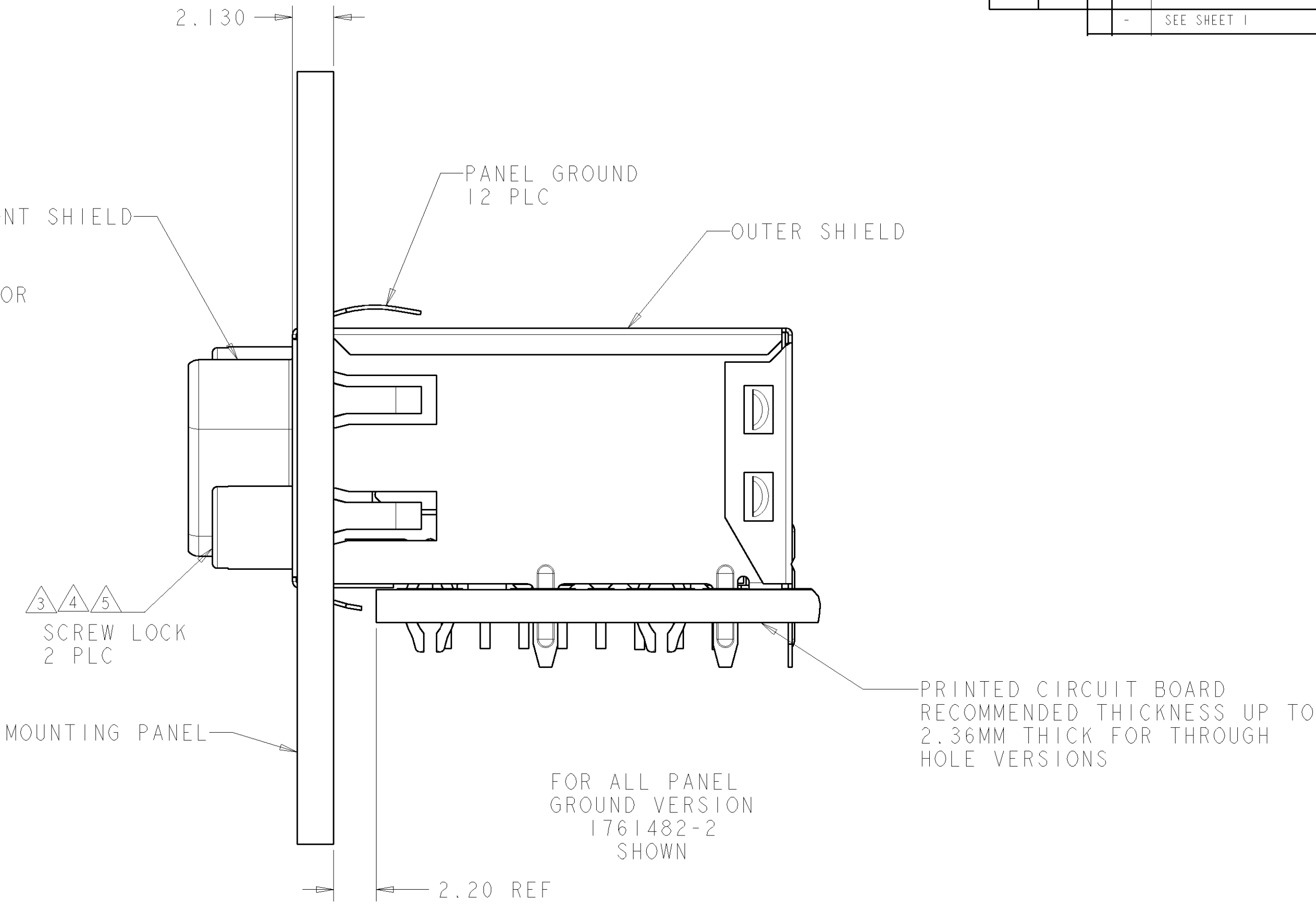


DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI CHK D.A.FAROLE APVD D.A.FAROLE	14DEC2004 14DEC2004 14DEC2004	NAME	
mm		Ø 1 PLC 2 PLC 3 PLC 4 PLC	± ±0.13 ±0.10 ±N/A	PRODUCT SPEC	108-2064	ASSEMBLY, RECEPTACLE, 48 POSITION, MRJ21	
		ANGLES	±N/A	APPLICATION SPEC		SIZE	
MATERIAL		FINISH	-	WEIGHT	-	A 00779 C=1761482	
CUSTOMER DRAWING				SCALE		3:1	
				SHEET		3 OF 4	
				REV		E1	

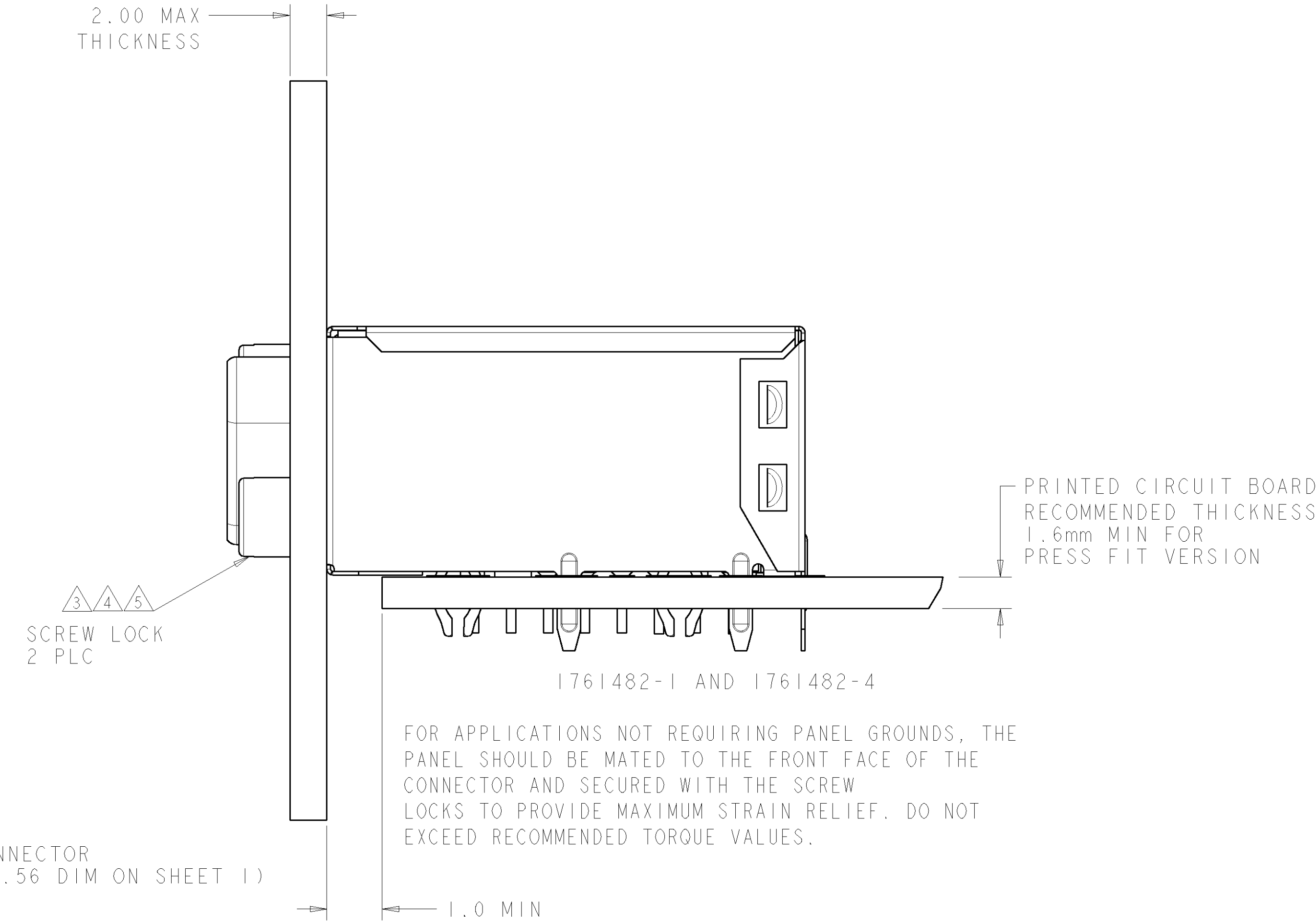
LOC		DIST		REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		-		SEE SHEET 1	-	-	-	



RECOMMENDED PANEL CUTOUT (WITH PANEL GROUNDS)
SCALE 5:1



RECOMMENDED PANEL CUTOUT (NO PANEL GROUNDS)
SCALE 5:1



DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI 14DEC2004		CHK D.A. FAROLE 14DEC2004		APVD D.A. FAROLE 14DEC2004		NAME	
mm		0 PLC ±.13		1 PLC ±.10		2 PLC ±.10		3 PLC ±.10		4 PLC ±.10	
ANGLES		FINISH		PRODUCT SPEC		APPLICATION SPEC		SIZE		CAGE CODE	
MATERIAL		-		108-2064		APPLICATION SPEC		A 00779		DRAWING NO	
-		-		WEIGHT		-		C=1761482		RESTRICTED TO	
CUSTOMER DRAWING		SCALE 3:1		SHEET 4 OF 4		REV E1		TE Connectivity		ASSEMBLY, RECEPTACLE, 48 POSITION, MRJ21	

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1761482-2](#)