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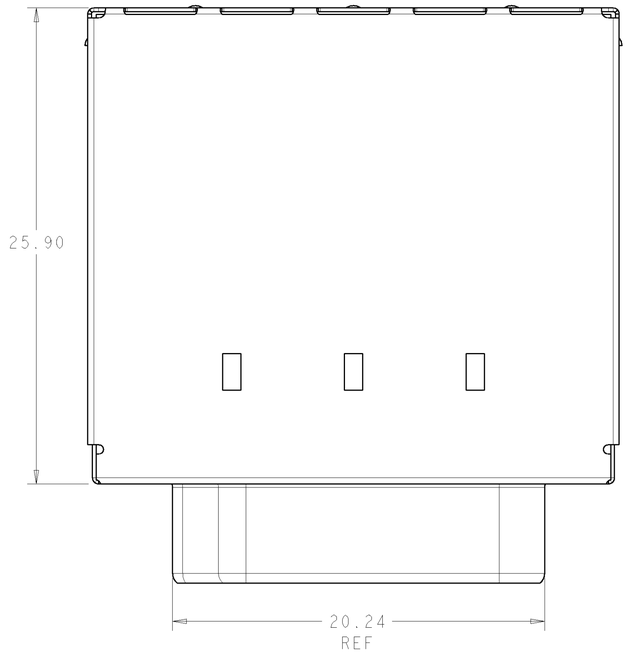
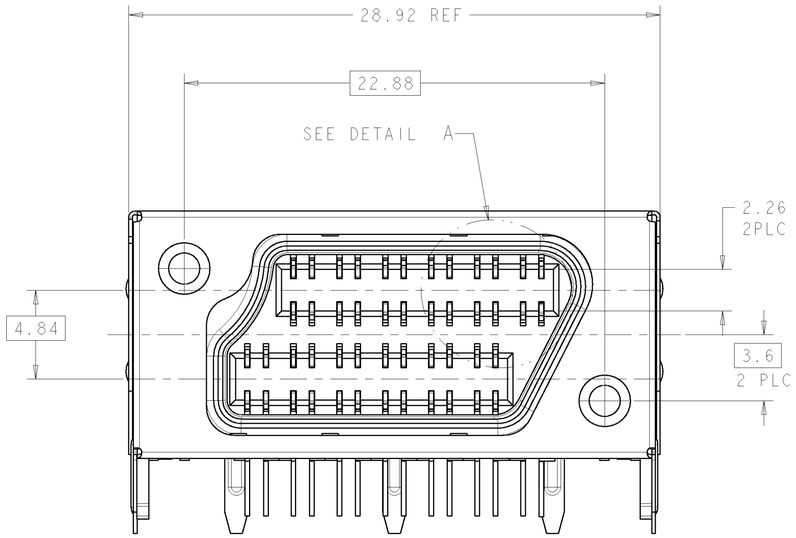
LOC	DIST
GP	00

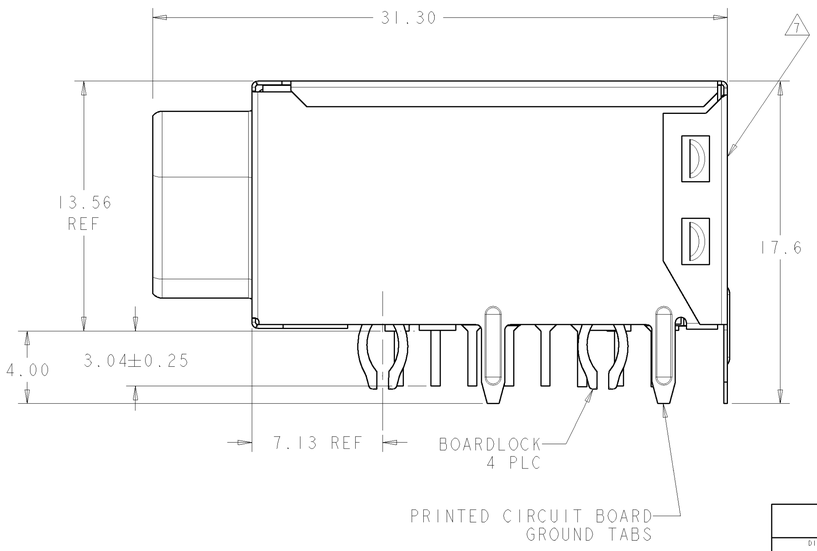
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	E1	REVISED PER ECO-11-005294	20APR11	RK	HMR





1761482-1 SHOWN



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.

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

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

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

DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.13
2 PLC ±0.10
3 PLC ±N/A
4 PLC ±N/A
ANGLES ±°
MATERIAL (1)
FINISH - -

DWN R.GRZYBOWSKI 14DEC2004
CHK D.A.FAROLE 14DEC2004
APVD D.A.FAROLE 14DEC2004
PRODUCT SPEC 108-2064
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME ASSEMBLY, RECEPTACLE, 48 POSITION, MRJ21

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1761482	-

CUSTOMER DRAWING SCALE 3:1 SHEET 1 OF 4 REV E1

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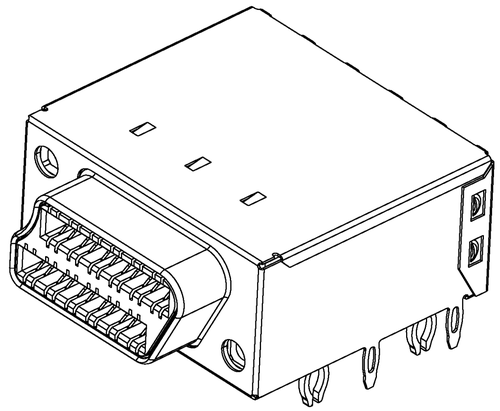
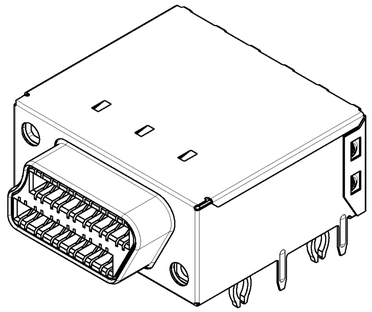
LOC	DIST
GP	00

REVISIONS

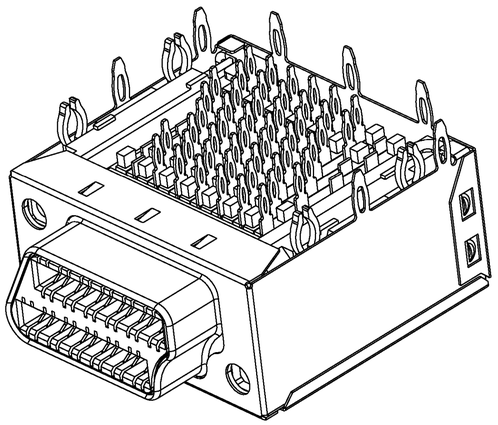
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



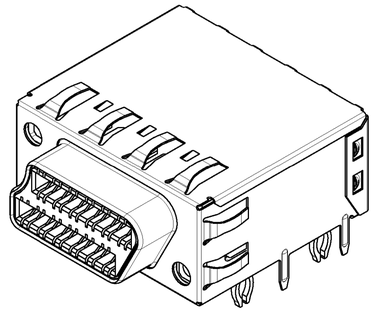
1761482-4 SHOWN
PRESS FIT
SCALE 4:1



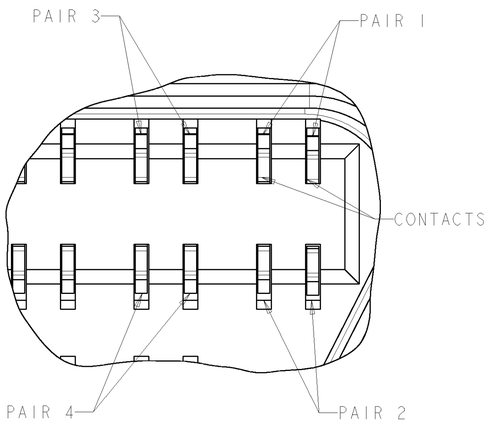
1761482-1 SHOWN
SCALE 3:1



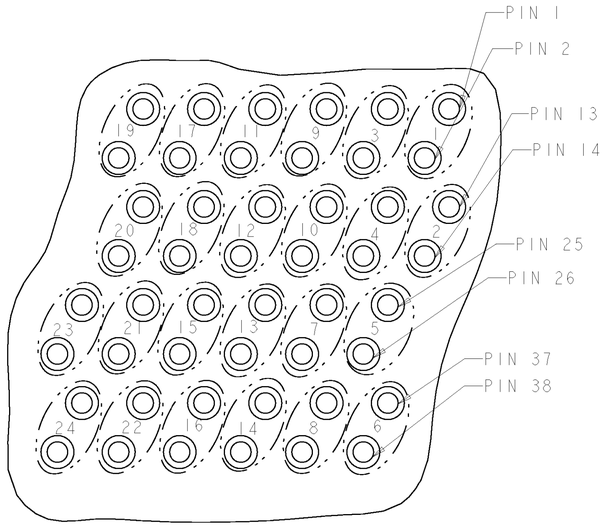
1761482-4
PRESS FIT
BOTTOM VIEW
SCALE 4:1



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	
	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	

DWN	R.GRZYBOWSKI	14DEC2004
CHK	D.A.FAROLE	14DEC2004
APVD	D.A.FAROLE	14DEC2004
PRODUCT SPEC	108-2064	
APPLICATION SPEC	-	
WEIGHT	-	

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.13
2 PLC ±0.10
3 PLC ±N/A
4 PLC ±N/A
ANGLES ±2°

MATERIAL
FINISH - -

TE Connectivity

NAME: ASSEMBLY, RECEPTACLE, 48 POSITION, MRJ21

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1761482	-

CUSTOMER DRAWING | SCALE 3:1 | SHEET 2 OF 4 | REV E1

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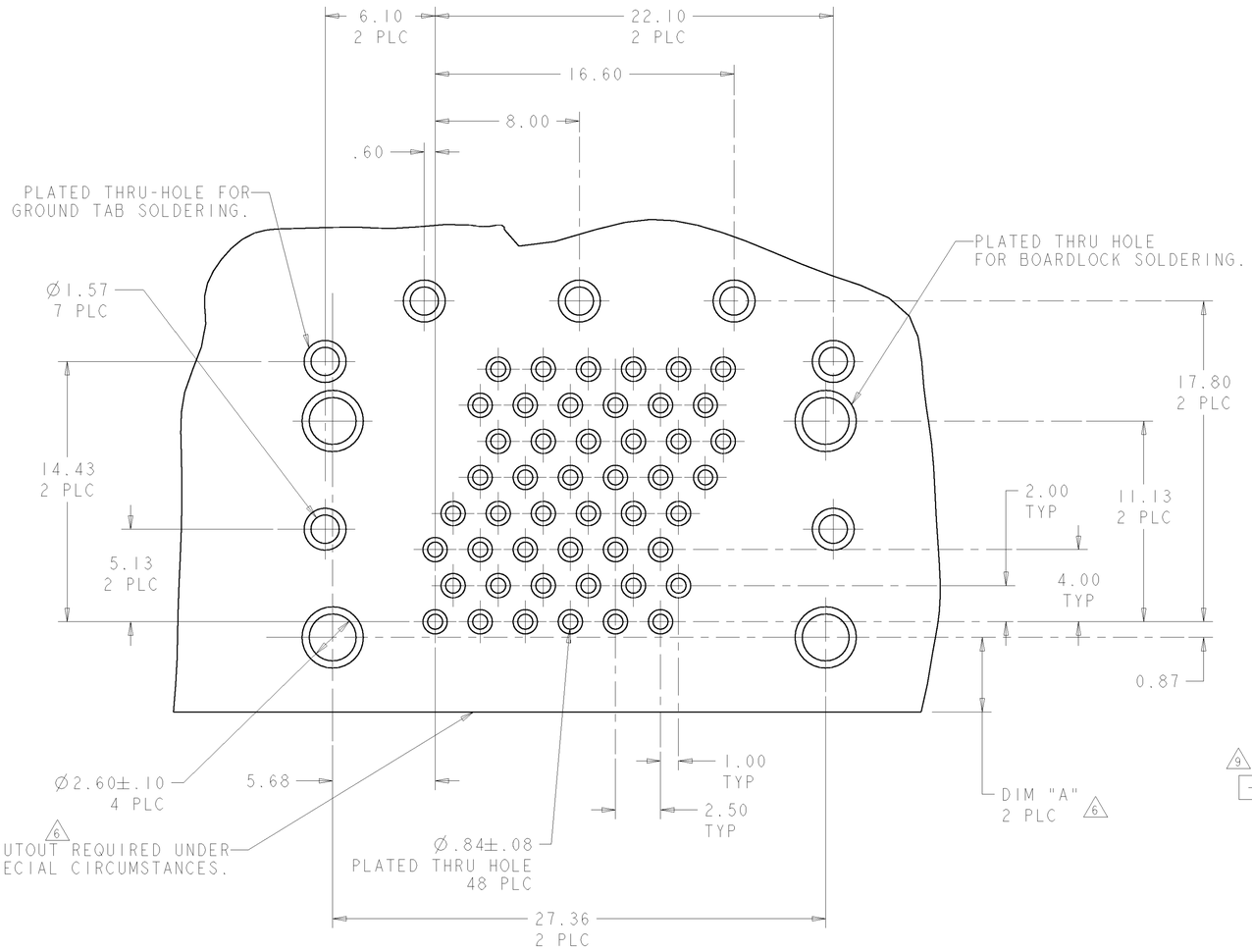
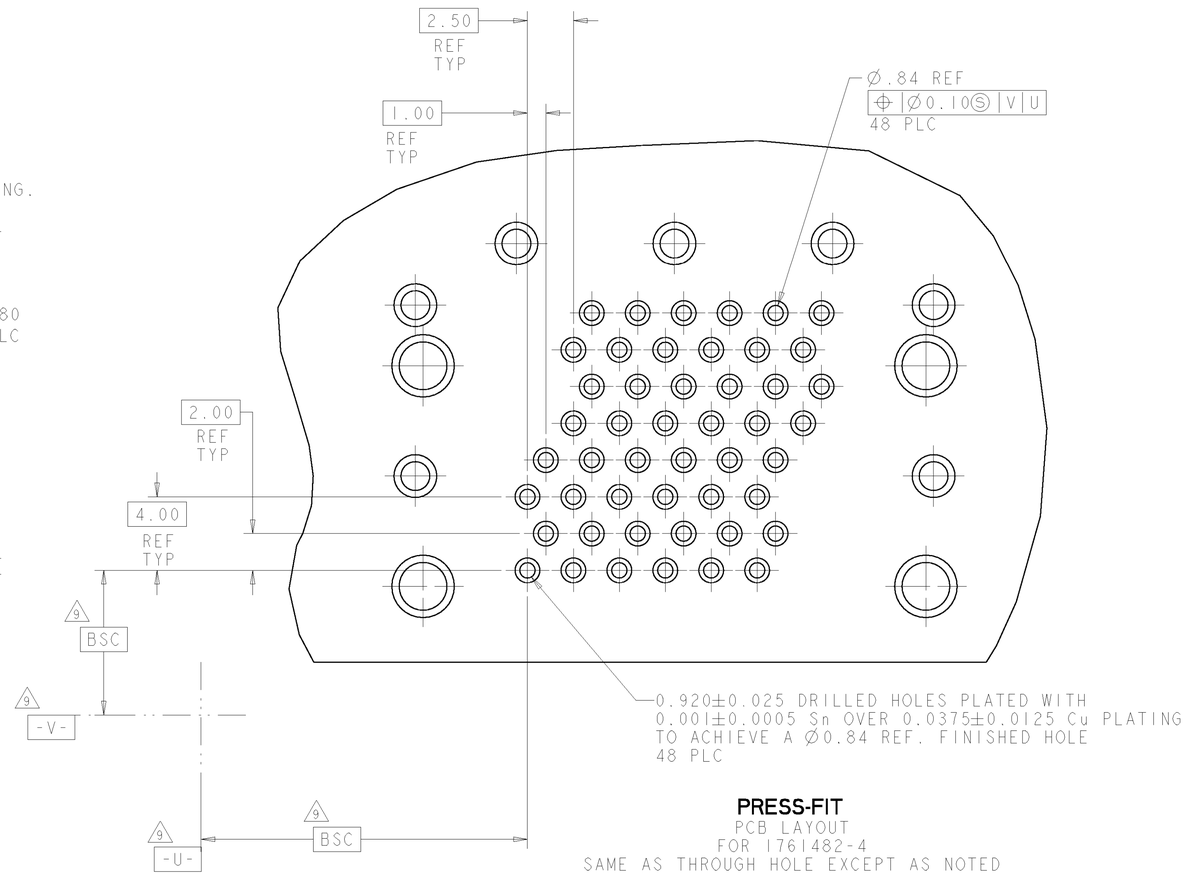
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



PCB LAYOUT
FOR THROUGH HOLE
COMPONENT SIDE



PRESS-FIT
PCB LAYOUT
FOR 1761482-4
SAME AS THROUGH HOLE EXCEPT AS NOTED

DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.13
2 PLC ±0.10
3 PLC ±N/A
4 PLC ±N/A
ANGLES ±2°
MATERIAL
FINISH - -

DWN	R.GRZYBOWSKI	14DEC2004
CHK	D.A.FAROLE	14DEC2004
APVD	D.A.FAROLE	14DEC2004
PRODUCT SPEC	108-2064	
APPLICATION SPEC	-	
WEIGHT	-	

TE Connectivity

NAME ASSEMBLY, RECEPTACLE, 48 POSITION, MRJ21

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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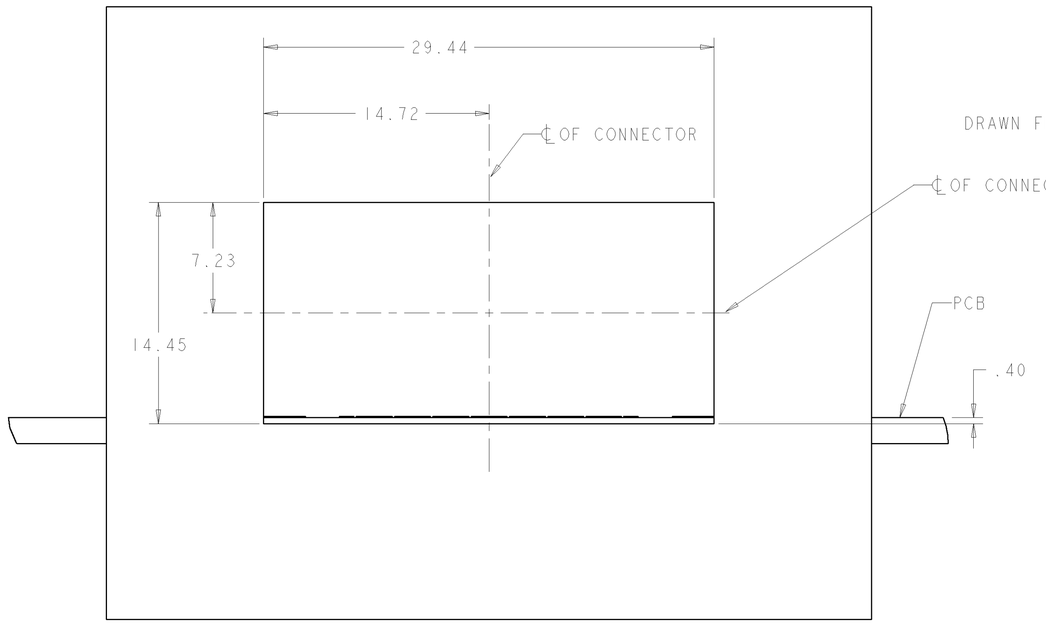
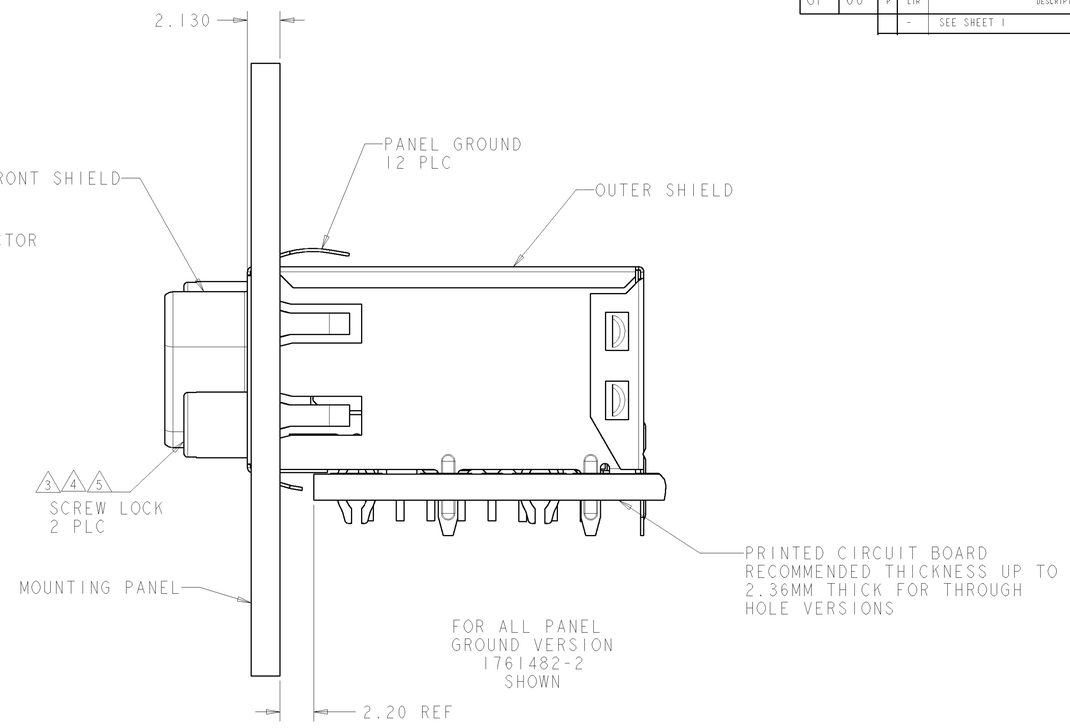
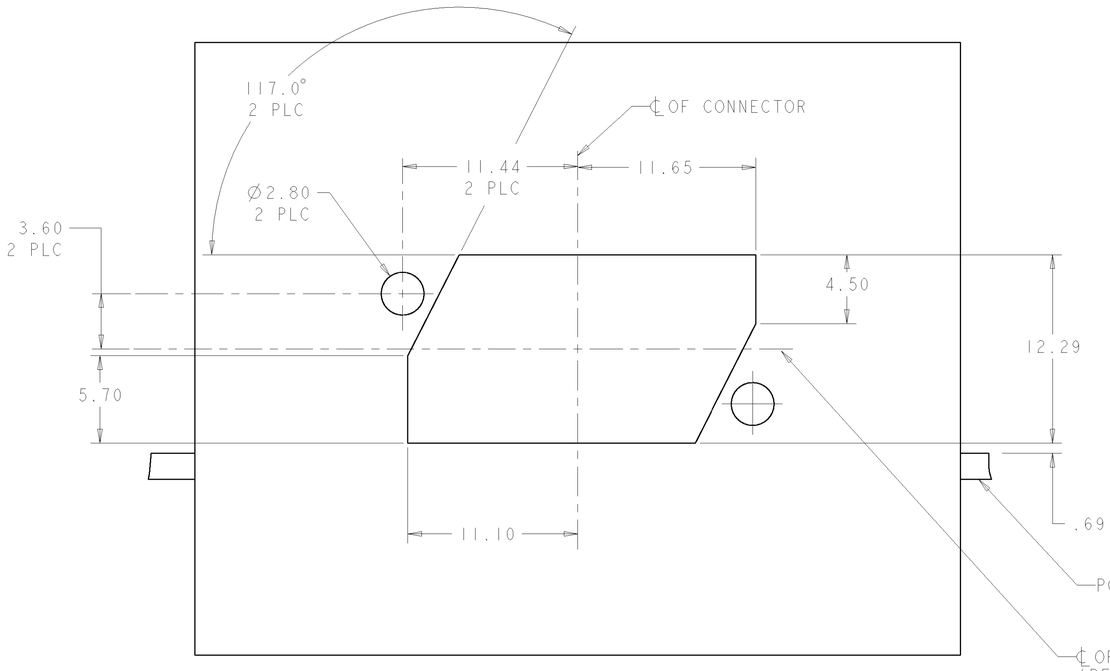
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



RECOMMENDED PANEL CUTOUT (WITH PANEL GROUNDS)

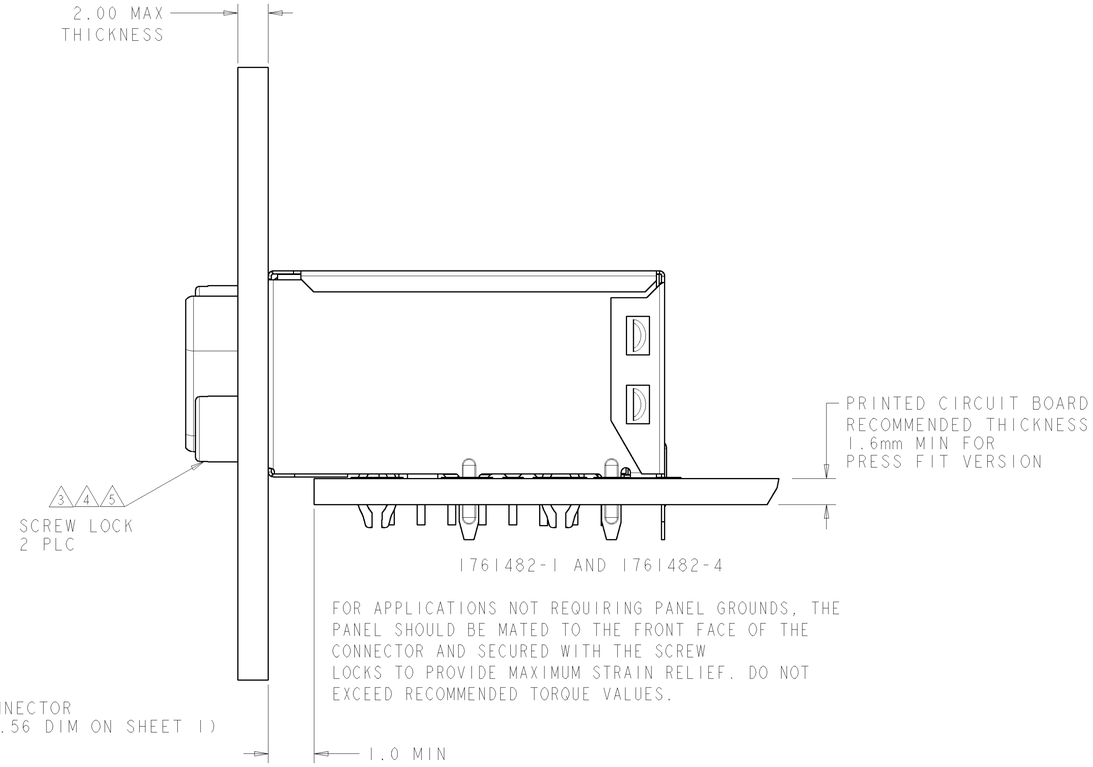
SCALE 5:1





RECOMMENDED PANEL CUTOUT (NO PANEL GROUNDS)

SCALE 5:1



1761482-1 AND 1761482-4

FOR APPLICATIONS NOT REQUIRING PANEL GROUNDS, THE PANEL SHOULD BE MATED TO THE FRONT FACE OF THE CONNECTOR AND SECURED WITH THE SCREW LOCKS TO PROVIDE MAXIMUM STRAIN RELIEF. DO NOT EXCEED RECOMMENDED TORQUE VALUES.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.13
2 PLC ±0.10
3 PLC ±N/A
4 PLC ±N/A
ANGLES ±2°

MATERIAL -
FINISH - -
WEIGHT -

DWN R.GRZYBOWSKI 14DEC2004
CHK D.A.FAROLE 14DEC2004
APVD D.A.FAROLE 14DEC2004
PRODUCT SPEC 108-2064
APPLICATION SPEC -

TE Connectivity

NAME ASSEMBLY, RECEPTACLE, 48 POSITION, MRJ21

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1761482	-

CUSTOMER DRAWING | SCALE 3:1 | SHEET 4 OF 4 | REV E1

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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