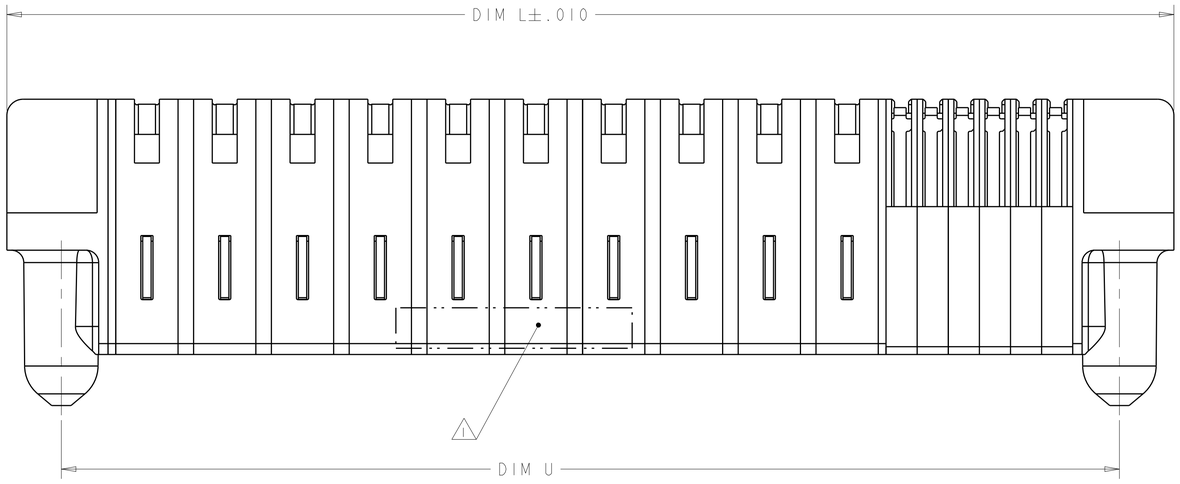
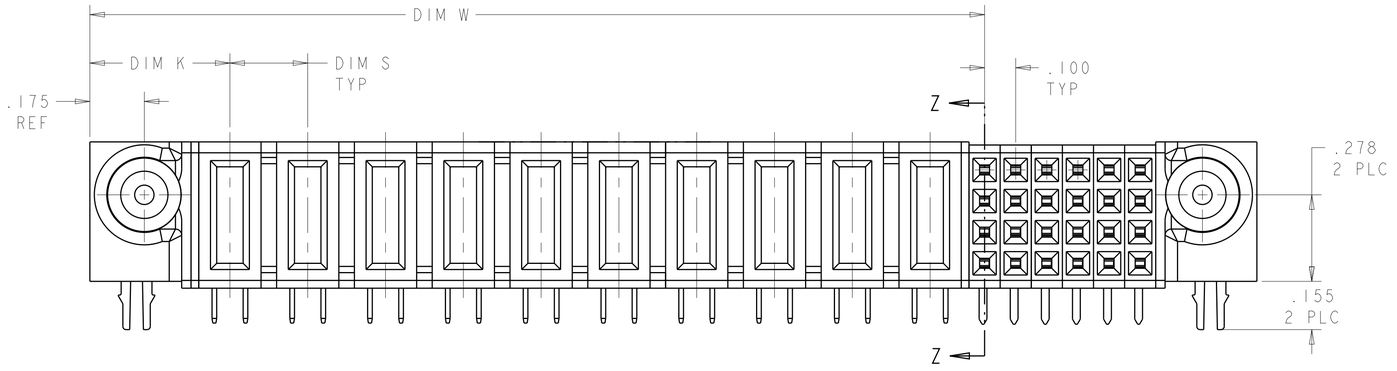
LOC	DIST
ES	00

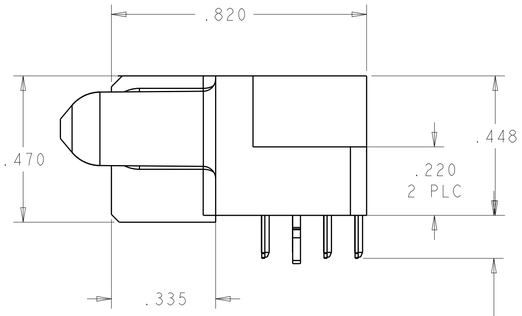
REVISIONS

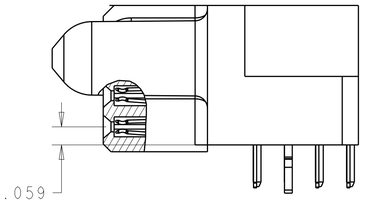
P	LTR	DESCRIPTION	DATE	DWN	APVD
	D5	REV PER ECR-12-018919	31OCT2012	ML	SZ
	D6	UPDATED	12NOV2012	ML	SZ
	D7	REV PER ECR-13-006264	15APR2013	CZ	SZ



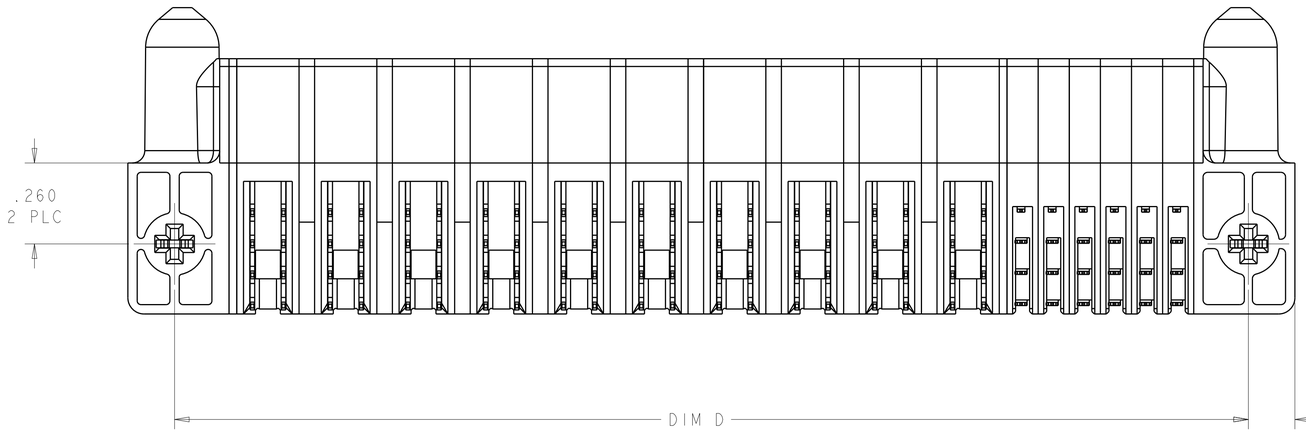
1. "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
2. MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
   SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
   POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
3. CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS.
4. MECHANICAL CONNECTOR KEEP OUT ZONE.
5. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
6. PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
7. PCB - .0453 +/-.0010 DRILLED HOLES PLATES WITH .0003 MIN Sn OVER .001 TO .003 PLATING TO ACHIEVE A .040 DIA. HOLE.
8. RECEPTACLE ASSY HAS ONE MOUNTING HOLE AND ONE HOLD DOWN.
9. NOT RELEASED FOR PRODUCTION.







SECTION Z-Z



	DIM U	DIM S	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION	PART NUMBER
	2.400	.250	1.875	2.450	-	2.750	.450	24S + 6P	1-6450161-7
	1.600	.250	1.375	1.650	-	1.950	.450	12S + 4P	1-6450161-6
	1.600	.250	1.375	1.650	-	1.950	.450	12S + 4P	1-6450161-5
	1.700	.250	1.375	1.750	-	2.050	.450	16S + 4P	1-6450161-3
	3.800	.250	2.875	3.850	-	4.150	.450	40S + 10P	1-6450161-1
9	1.800	.250	1.375	1.850	-	2.150	.450	20S + 4P	1-6450161-0
D7	1.400	.250	1.375	1.450	-	1.750	.450	4S + 4P	6450161-7
	2.900	.250	2.375	2.950	-	3.250	.450	24S + 8P	6450161-6
	1.800	.250	1.375	1.850	-	2.150	.450	20S + 4P	6450161-5
	4.400	.250	3.875	4.450	-	4.750	.450	24S + 14P	6450161-4
	3.400	.250	2.875	3.450	-	3.750	.450	24S + 10P	6450161-3
	2.400	.250	1.875	2.450	-	2.750	.450	24S + 6P	6450161-2
8	1.700	.250	1.375	1.750	-	2.050	.450	16S + 4P	6450161-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±-

MATERIAL 2 FINISH 3

DWN R.GRZYBOWSKI 21FEB05
CHK M.PERCHERKE 21FEB05
APVD M.PERCHEKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES, END MODULES MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450161	-

CUSTOMER DRAWING SCALE 4:1 SHEET 1 OF 6 REV D7

LOC	DIST
ES	00

REVISIONS

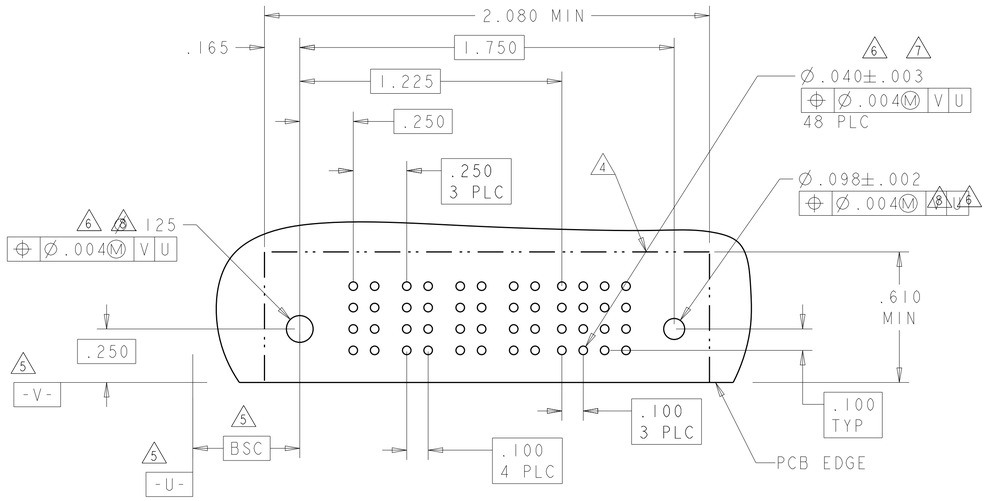
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

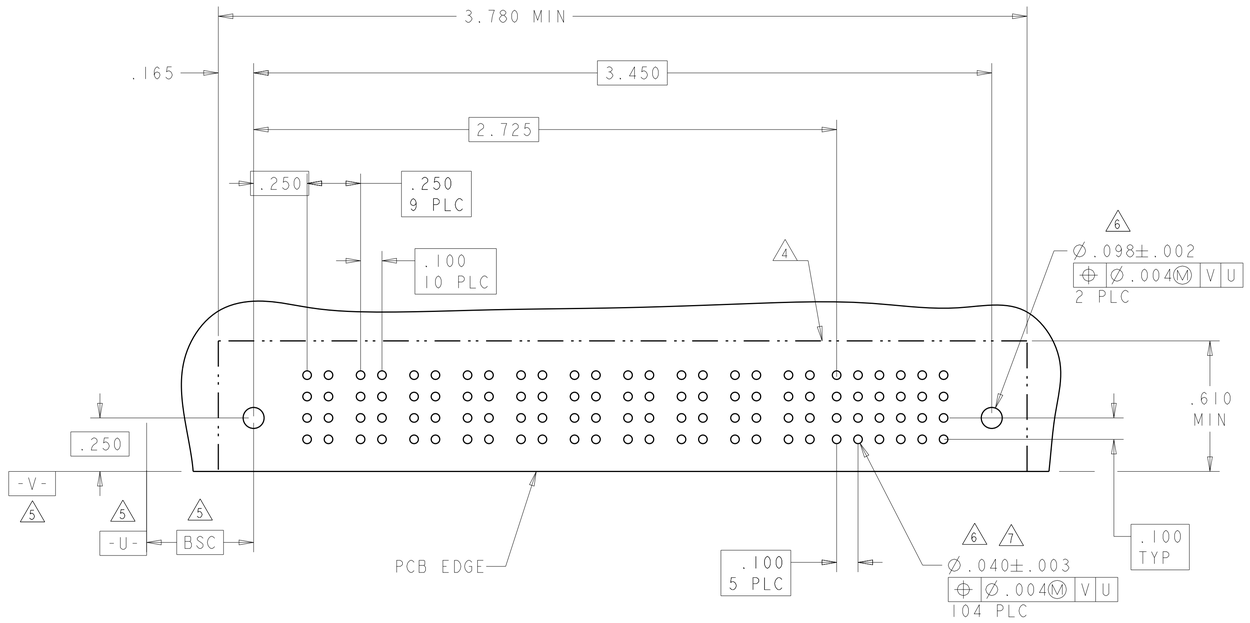
PART NUMBER	ROWS	POWER				SIGNAL			
		P4	P3	P2	P1	4	3	2	1
6450161-1	D C B A	RA	RA	RA	RA	H G F E	H G F E	H G F E	H G F E
16S + 4P									

HD

PART NUMBER	ROWS	POWER										SIGNAL					
		P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1
6450161-3	D C B A	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E
24S +10P																	

HD HD





CODE	TAIL LENGTH	DESCRIPTION
POWER CONTACT		
RM	.135	STD
RA	.135	MFBL
RN	.090	STD
RB	.090	MFBL

CODE	TAIL LENGTH	ROW
SIGNAL CONTACT		
L	.090	D
K	.090	C
J	.090	B
I	.090	A
H	.135	D
G	.135	C
F	.135	B
E	.135	A

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±

MATERIAL -
FINISH -

DWN R.GRZYBOWSKI 21FEB05
CHK M.PERCHERKE 21FEB05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES, END MODULES MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450161	-

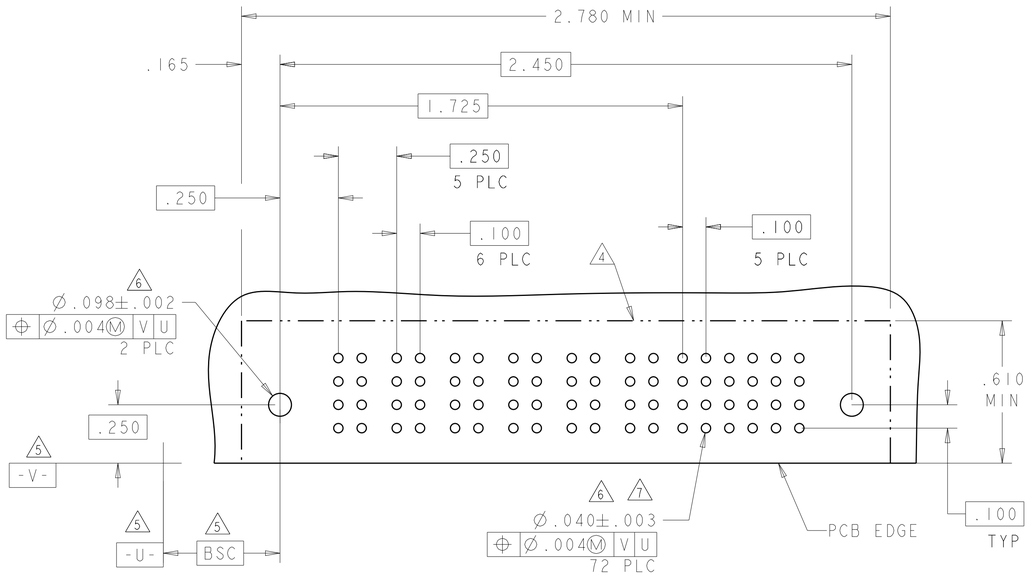
CUSTOMER DRAWING SCALE 4:1 SHEET 2 OF 6 REV D7

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN	APVD

PART NUMBER	ROWS	POWER P6	P5	P4	P3	P2	P1	SIGNAL 6	5	4	3	2	1
6450161-2	D	RA	RA	RA	RA	RA	RA	H	H	H	H	H	H
	C							G	G	G	G	G	G
	B							F	F	F	F	F	F
	A							E	E	E	E	E	E
24S + 6P		HD											HD

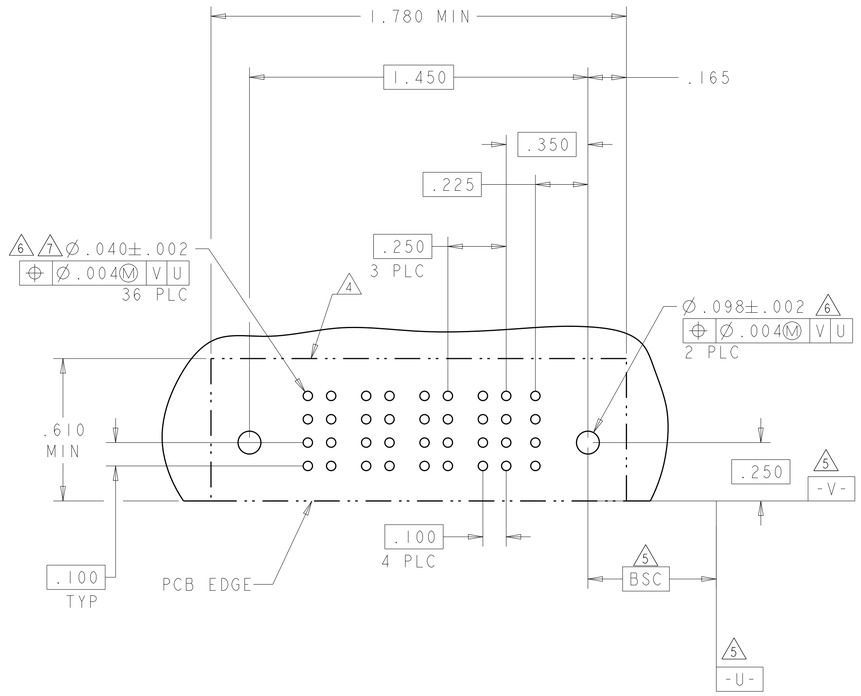
PART NUMBER	ROWS	POWER P6	P5	P4	P3	P2	P1	SIGNAL 6	5	4	3	2	1
1-6450161-7	D		RA	RA	RA	RA		H	H	H	H	H	H
	C							G	G	G	G	G	G
	B							F	F	F	F	F	F
	A							E	E	E	E	E	E
24S + 6P		HD											HD

NO CONTACTS LOADED



PCB LAYOUT FOR PART NUMBER: 6450161-2,1-6450161-7

PART NUMBER	ROWS	POWER P4	P3	P2	P1	SIGNAL 1
6450161-7	D	RM	RM	RM	RM	H
	C					G
	B					F
	A					E
4S + 4P		HD				HD



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL

FINISH

DWN
CHK
APVD
PRODUCT SPEC
APPLICATION SPEC
WEIGHT

TE Connectivity

NAME

SIZE A1 | CAGE CODE | DRAWING NO C- | RESTRICTED TO

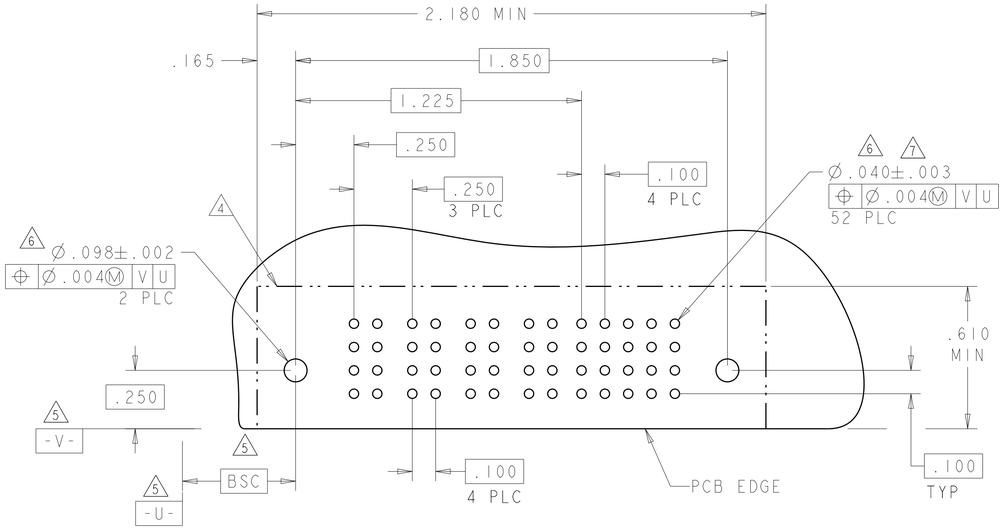
SCALE | SHEET | OF | REV

LOC	DIST
ES	00

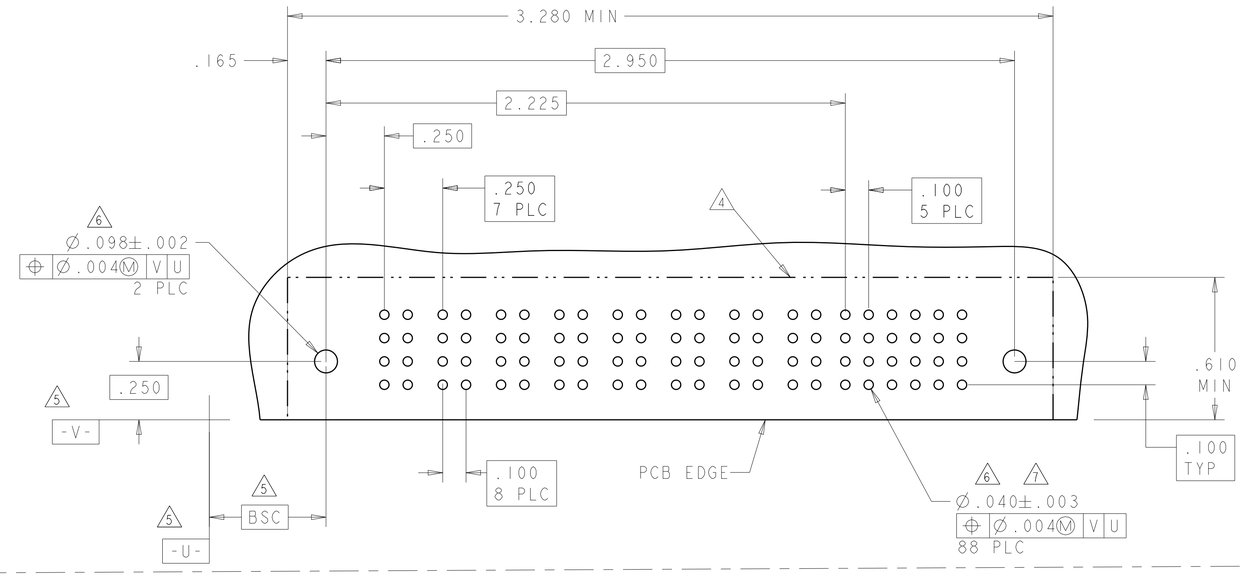
REVISIONS

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

PART NUMBER	ROWS	POWER				SIGNAL				
		P4	P3	P2	P1	5	4	3	2	1
6450161-5	D C B A	RA	RA	RA	RA	H G F E	H G F E	H G F E	H G F E	H G F E
20S + 4P		HD								HD

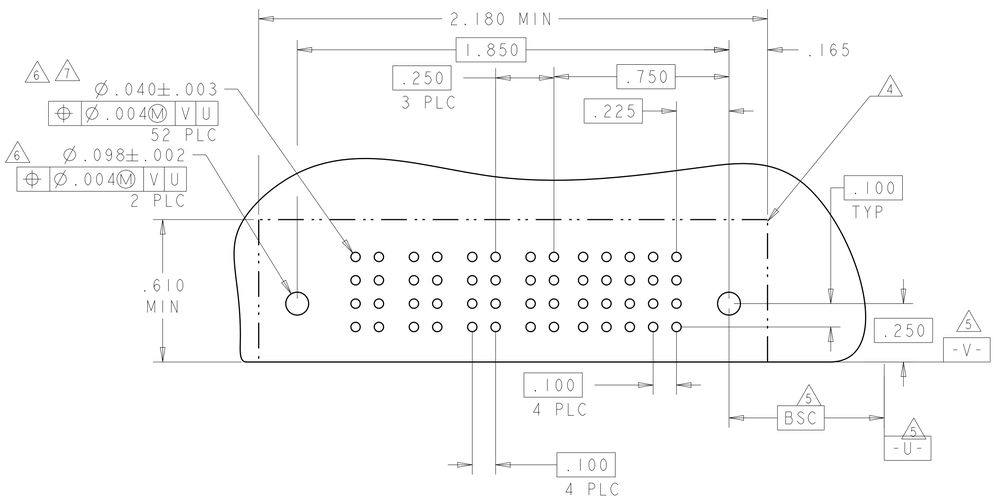


PART NUMBER	ROWS	POWER								SIGNAL					
		P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1
6450161-6	D C B A	RA	RA	RA	RA	RA	RA	RA	RA	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E
24S + 8P		HD													HD

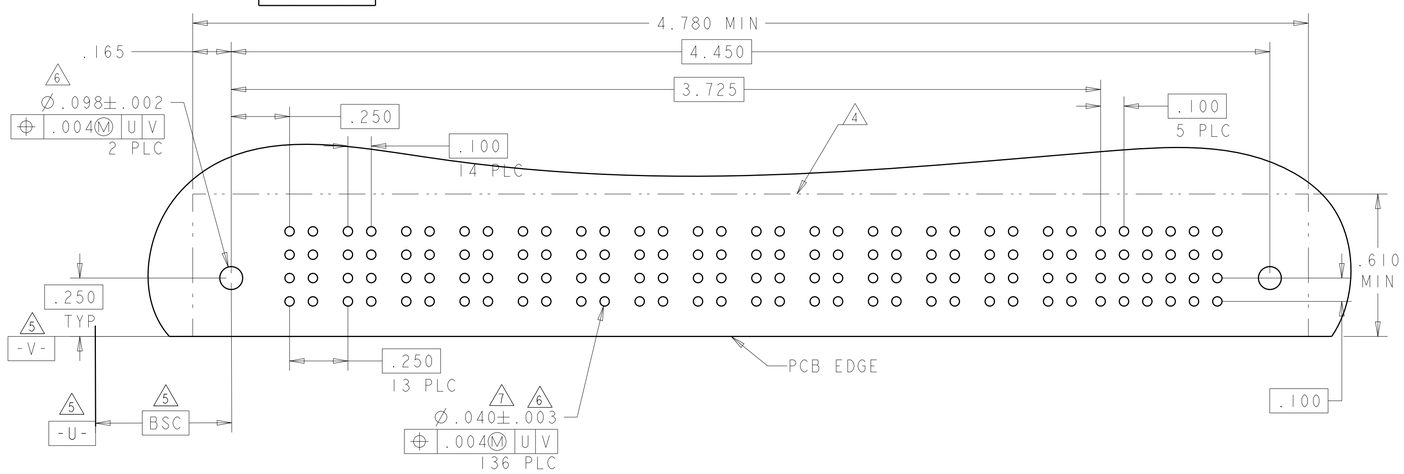


PART NUMBER	ROWS	POWER				SIGNAL				
		P4	P3	P2	P1	5	4	3	2	1
1-6450161-0	D C B A	RM	RM	RM	RM	H G F E	H G F E	H G F E	H G F E	H G F E
20S + 4P		HD								HD

NO CONTACTS LOADED



PART NUMBER	ROWS	POWER														SIGNAL					
		P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1
6450161-4	D C B A	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E
24S +14P		HD																			HD



THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN R.GRZYBOWSKI 21FEB05	TE Connectivity	
DIMENSIONS: INCHES	CHK M.PERCHERKE 21FEB05	NAME	RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES, END MODULES MULTI-BEAM XL
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±-	APVD M.PERCHERKE -	PRODUCT SPEC 108-1973	
		APPLICATION SPEC 114-13038	
MATERIAL - -	FINISH - -	WEIGHT -	SIZE A1 · CAGE CODE 00779 · DRAWING NO C-6450161 · RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 4:1 · SHEET 4 OF 6 · REV D7

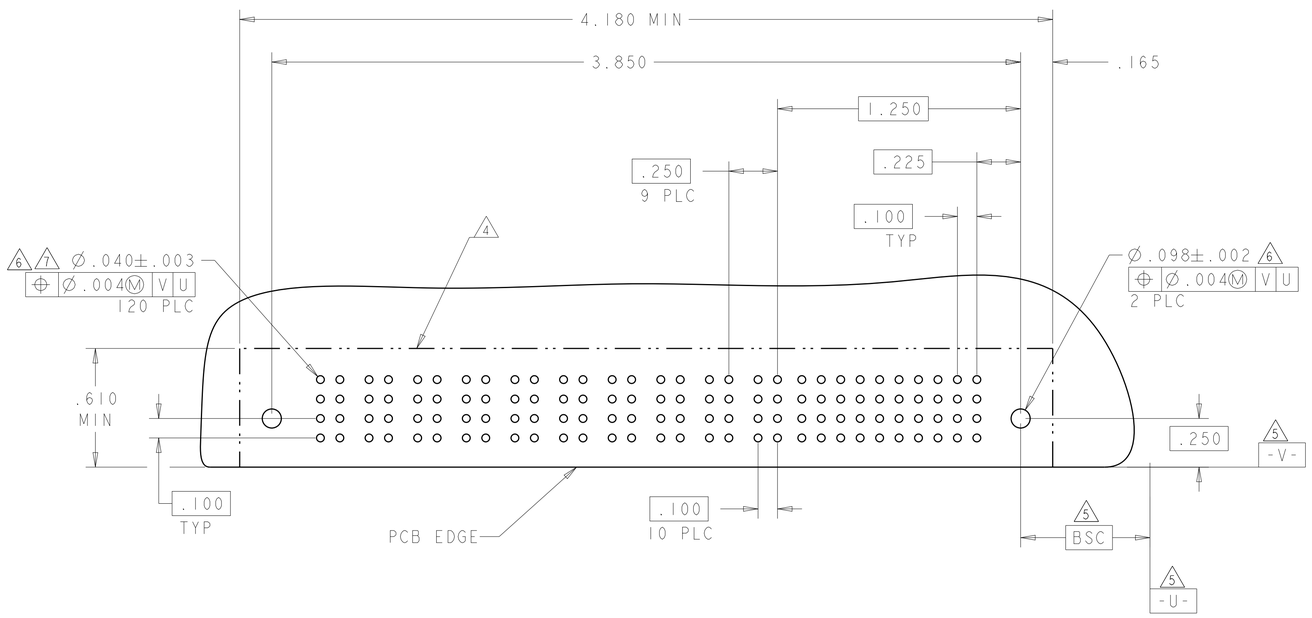
LOC	DIST
ES	00

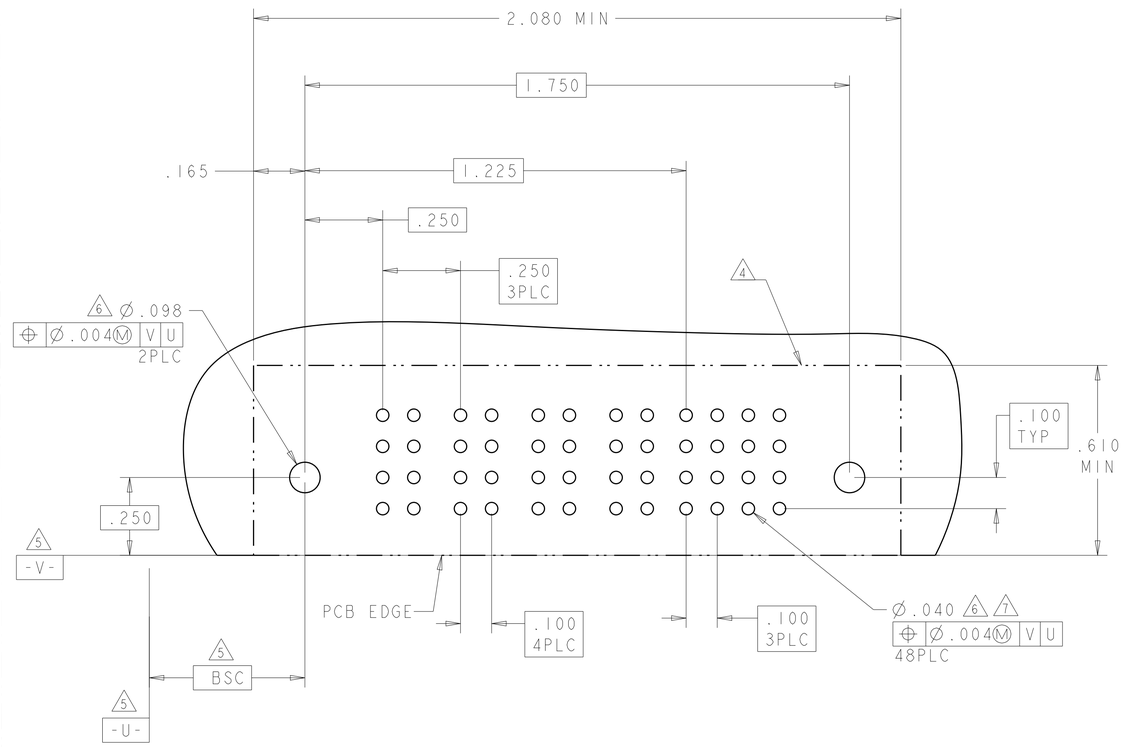
REVISIONS

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

PART NUMBER	ROWS		POWER										SIGNAL									
			P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	10	9	8	7	6	5	4	3	2	1
1-6450161-1	D		RM	RM	RM	RM	RM	RM	RM	RM	RM	RM	H	H	H	H	H	H	H	H	H	H
	C												G	G	G	G	G	G	G	G	G	G
	B												F	F	F	F	F	F	F	F	F	F
	A	HD											E	E	E	E	E	E	E	E	E	E
40S + 10P																						HD

PART NUMBER	ROWS		POWER				SIGNAL				
			P4	P3	P2	P1	4	3	2	1	
1-6450161-3	D		RA	RA	RA	RA	H	H	H	H	
	C						G	G	G	G	
	B						F	F	F	F	
	A	HD					E	E	E	E	HD
16S + 4P											





THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN R.GRZYBOWSKI 21FEB05	TE Connectivity	
	CHK M.PERCHERKE 21FEB05		
DIMENSIONS: INCHES	APVD M.PERCHERKE -	NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES, END MODULES MULTI-BEAM XL	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±-	PRODUCT SPEC 108-1973		
	APPLICATION SPEC 114-13038	SIZE A1	CAGE CODE 00779
MATERIAL - -	WEIGHT -	DRAWING NO C-6450161	RESTRICTED TO -
FINISH - -	CUSTOMER DRAWING	SCALE 4:1 SHEET 5 OF 6	REV D7

LOC	DIST
ES	00

REVISIONS

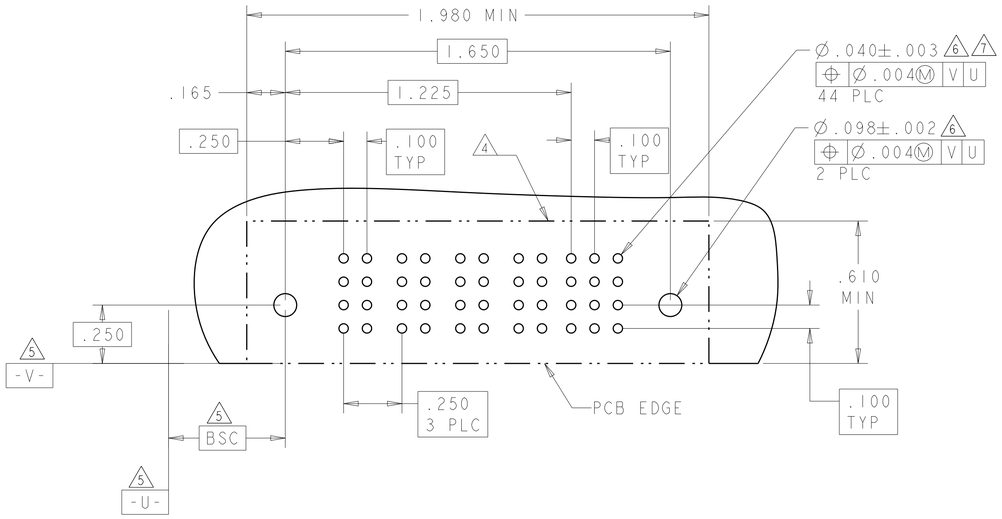
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

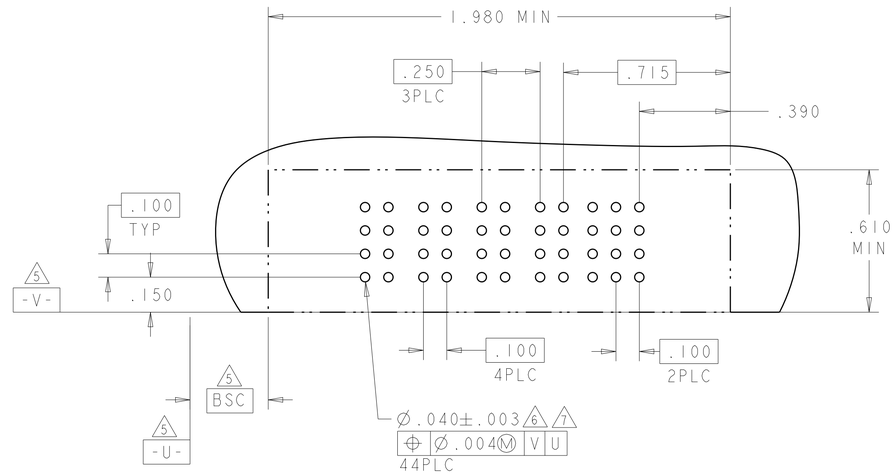
PART NUMBER	ROWS	POWER P4	POWER P3	POWER P2	POWER P1	SIGNAL 3	SIGNAL 2	SIGNAL 1
1-6450161-5	D	RM	RM	RM	RM	H	H	H
	C					G	G	G
	B					F	F	F
	A					E	E	E
12S + 4P								

HD HD

PART NUMBER	ROWS	POWER P4	POWER P3	POWER P2	POWER P1	SIGNAL 3	SIGNAL 2	SIGNAL 1
1-6450161-6	D	RM	RM	RM	RM	H	H	H
	C					G	G	G
	B					F	F	F
	A					E	E	E
12S + 4P								

D4





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DIMENSIONS: INCHES

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0 PLC ±-
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2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±-

MATERIAL - -
FINISH - -

DWN R.GRZYBOWSKI 21FEB05
CHK M.PERCHERKE 21FEB05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES, END MODULES MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450161	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 6 OF 6 | REV D7

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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moschip.ru_6
moschip.ru_9