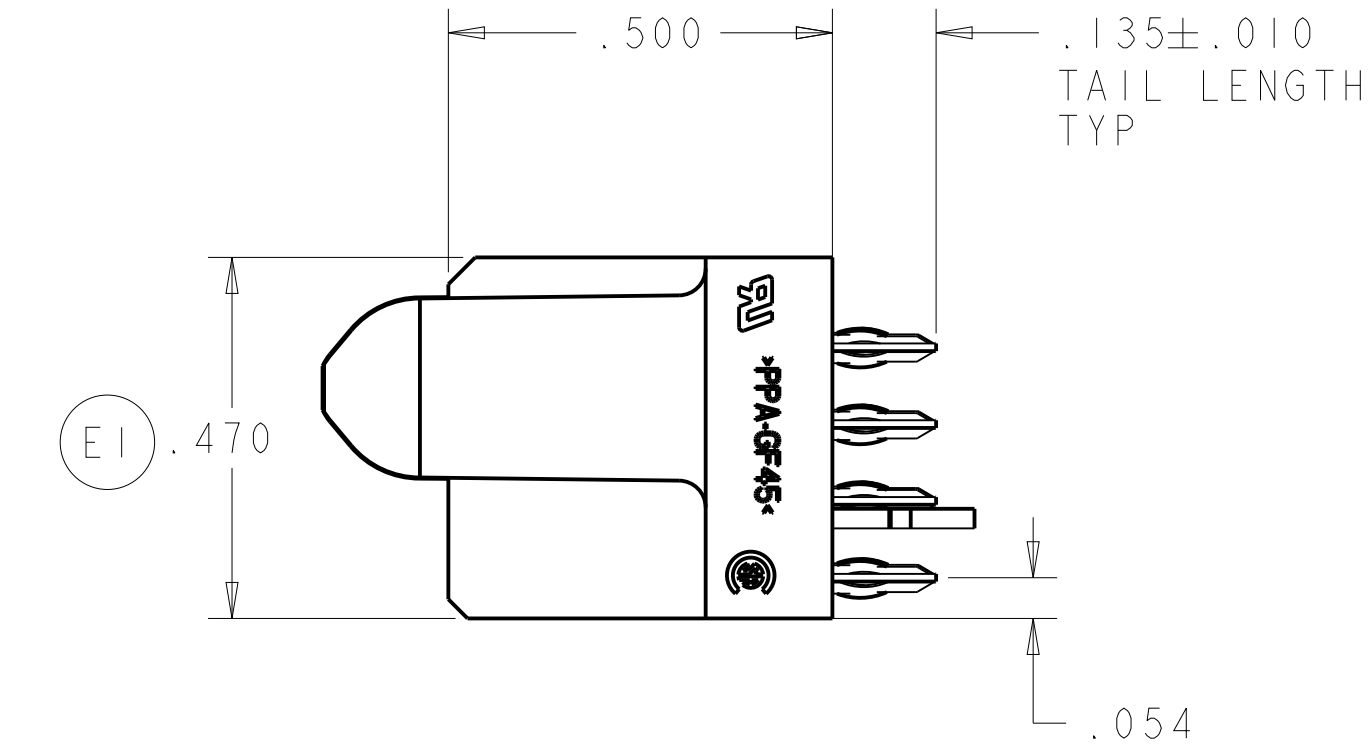
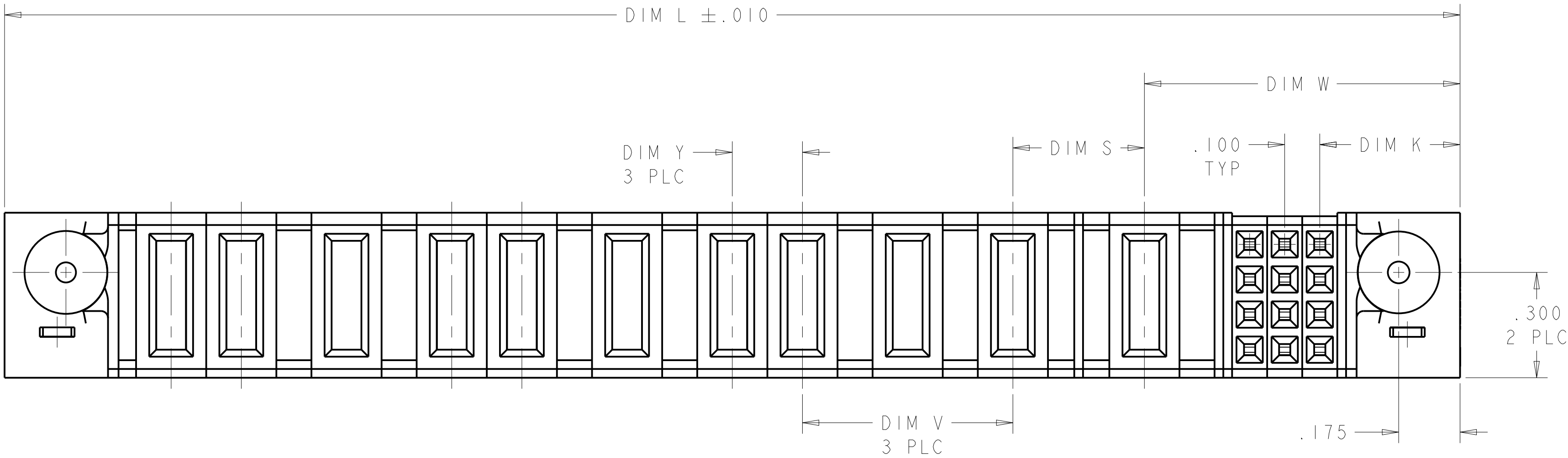
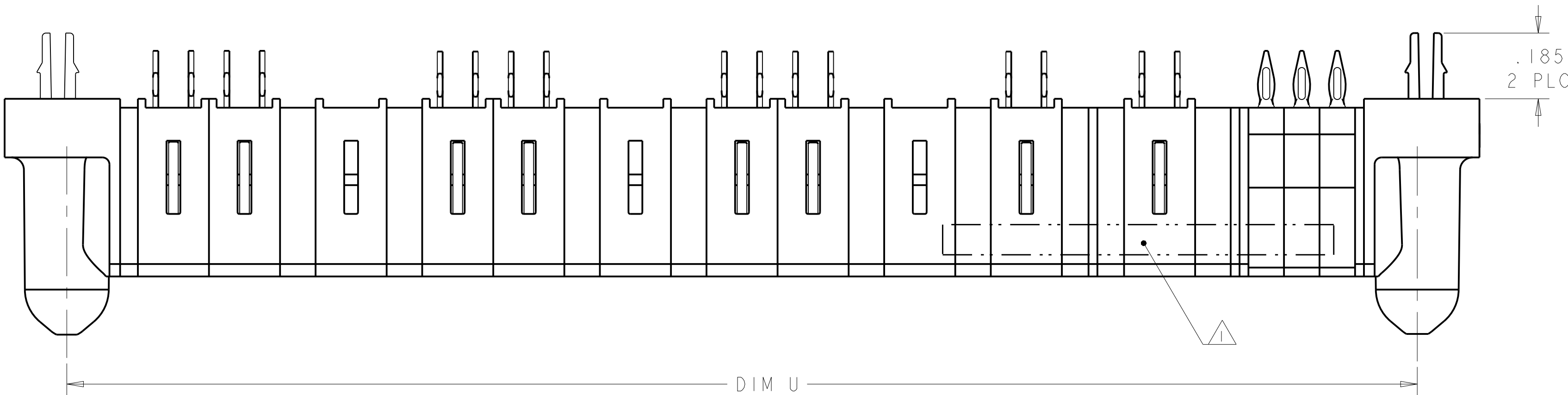
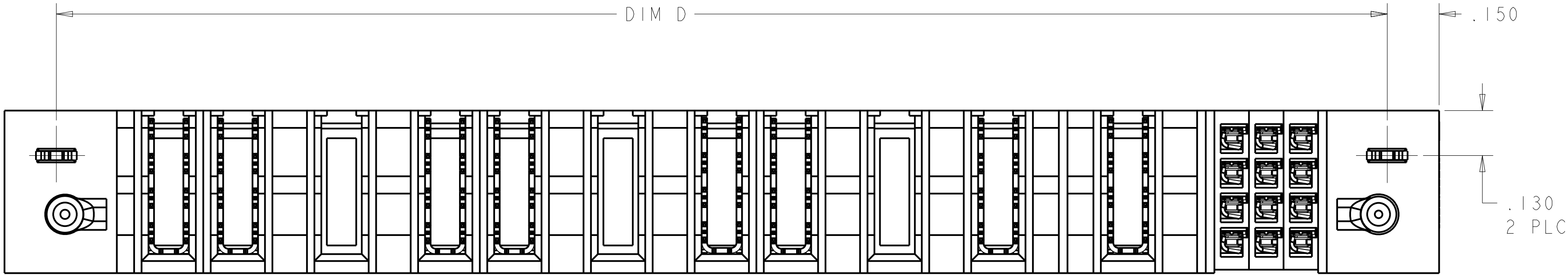


LOC		DIST		REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		E2		ADDED NEW DASH NUMBER 2-5	03MAY2012	CZ	SZ	
		E3		REVISED	16FEB2013	ML	SZ	
		E4		ADD NEW DASH NUMBER 2-6	09MAY2014	CZ	SZ	



- 1 "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O.
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 3 CONTACT PLATING: NOBLE METAL PLATED ON THE 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 PLATED WITH .0003 MIN Sn OVER .001 TO .003 PLATING TO ACHIEVE A .040 DIA. HOLE.
- 8 FOR DETAIL DIM PLEASE REFER TO TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
R.GRZYBOWSKI
CHK
M.PERCHEKKE
APVD
M.PERCHEKKE

02MAY05
02MAY05
02MAY05

DIMENSIONS:
INCHES

0 PLC ±.01
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°
FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038
WEIGHT
CUSTOMER DRAWING

TE Connectivity

NAME
VERTICAL RECEPTACLE WITH GUIDES
MULTI-BEAM XL

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450541

RESTRICTED TO
-

SCALE
4:1

SHEET
1

OF
12

REV
E4

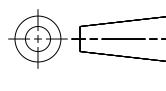
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

E 4

-	-	2.400	.250	.375	2.750	1.050	2.450	24S + 6P	2-6450541-6
-	-	-	-	.425	2.350	-	2.050	64S	2-6450541-5
-	-	1.100	-	.375	1.450	-	1.150	32S	2-6450541-4
-	-	3.800	.250	.375	4.150	3.450	3.850	120S + 2P	2-6450541-3
-	-	1.500	.250	.375	1.850	0.625	1.550	8S + 4P	2-6450541-2
-	-	1.600	.250	.375	1.950	0.725	1.650	12S + 4P	2-6450541-1
-	-	6.075	.200	.375	6.425	1.375	6.125	36S + 24P	2-6450541-0
-	-	4.025		.375	4.375	2.125	4.075	60S + 8P	1-6450541-9
-	-	2.925	.200	.375	3.275	1.025	2.975	24S + 10P	1-6450541-8
-	-	2.400	.250	.375	2.750	1.050	-	24S + 6P	1-6450541-7
-	-	1.750	.200	.375	2.100	.650	-	8S + 6HDP	1-6450541-4
-	-	0.950	.200	.375	1.300	.650	-	8S + 2HDP	1-6450541-3
-	-	1.700	.250	.375	2.050	.850	-	16S + 4P	1-6450541-2
-	-	2.850	.200	.375	3.200	.950	-	20S + 10HDP	6450541-7
-	-	2.900	.250	.375	3.250	1.050	-	24S + 8P	6450541-5
-	-	2.400	.250	.375	2.750	1.050	-	24S + 6P	6450541-4
-	-	1.900	.250	.375	2.250	1.050	-	24S + 4P	6450541-3
-	-	4.400	.250	.375	4.750	1.050	-	24S + 14P	6450541-2
.200	.600	3.800	.375	.400	4.150	.900	3.850	12S + 11P	6450541-1
DIM Y	DIM V	DIM U	DIM S	DIM K	DIM L	DIM W	DIM D	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES



MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES ±2°

FINISH -

DWN R.GRZYBOWSKI 02MAY05

CHK M.PERCHERKE 02MAY05

APVD M.PERCHERKE 02MAY05

PRODUCT SPEC
108-1973

APPLICATION SPEC
114-13038

WEIGHT -

CUSTOMER DRAWING

NAME VERTICAL RECEPTACLE WITH GUIDES MULTI-BEAM XL

SIZE A1

CAGE CODE 00779

DRAWING NO 6450541

RESTRICTED TO -

SCALE 4:1

SHEET 2 OF 12

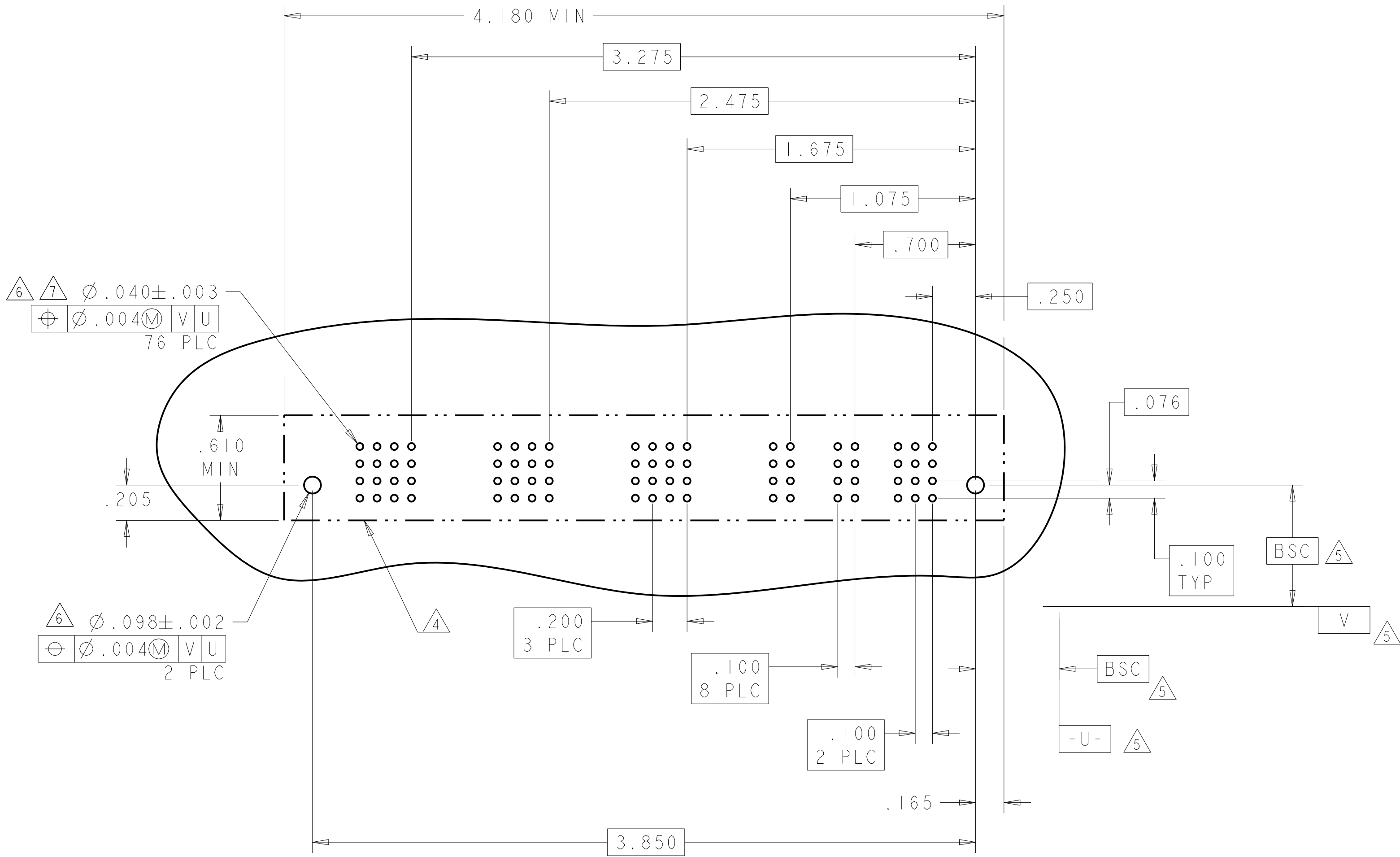
REV E 4

TE Connectivity

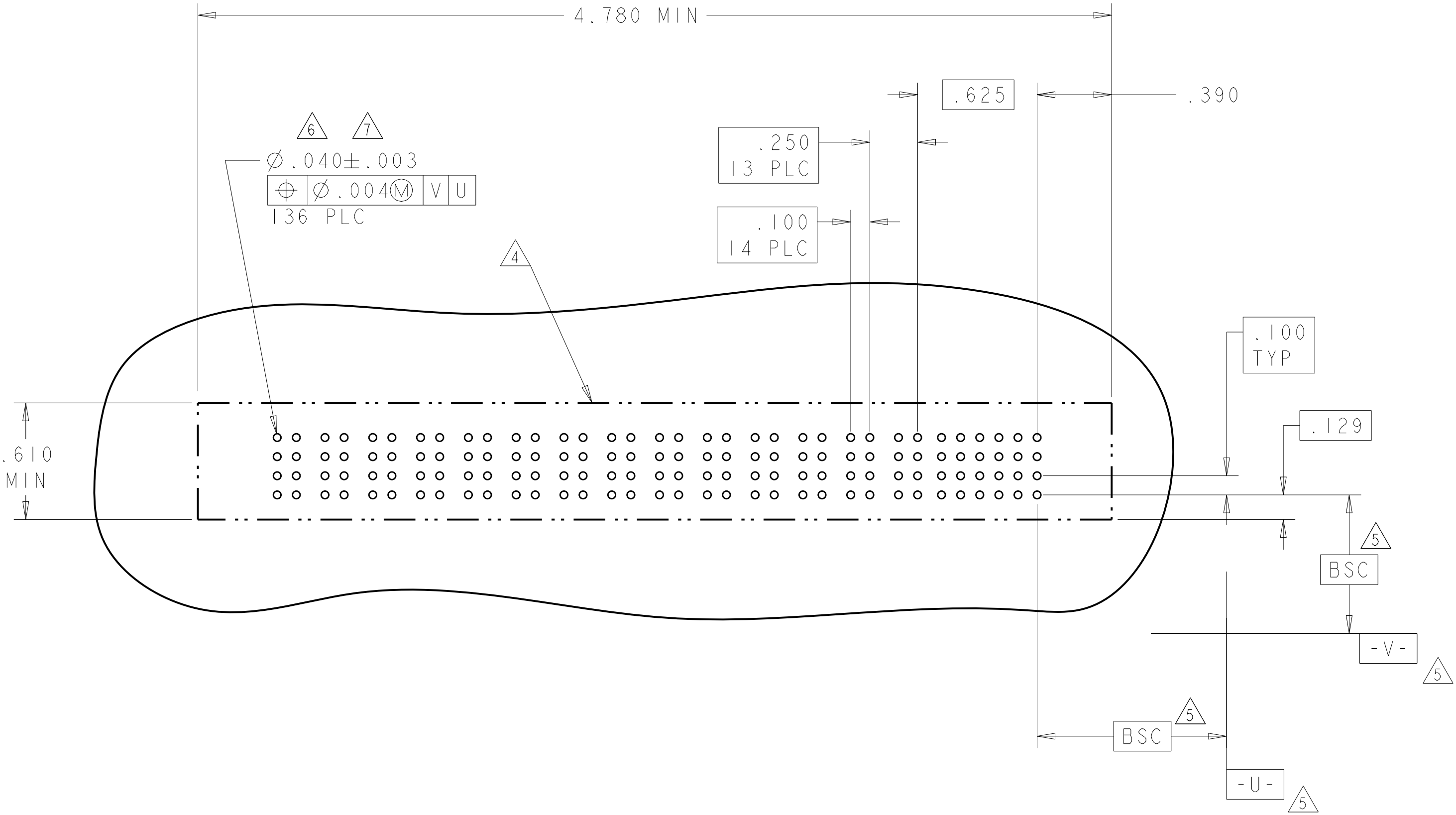
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET I	-	-	-

PART NUMBER	ROWS		POWER										SIGNAL			
			P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	3	2	
6450541-1	D C B A	HD	GP GP		GP GP		GP GP		GP GP		GP	GP	AP	AP	AP	HD
													AP	AP	AP	
													AP	AP	AP	
													AP	AP	AP	
12S + 11P																

NO CONTACTS LOADED



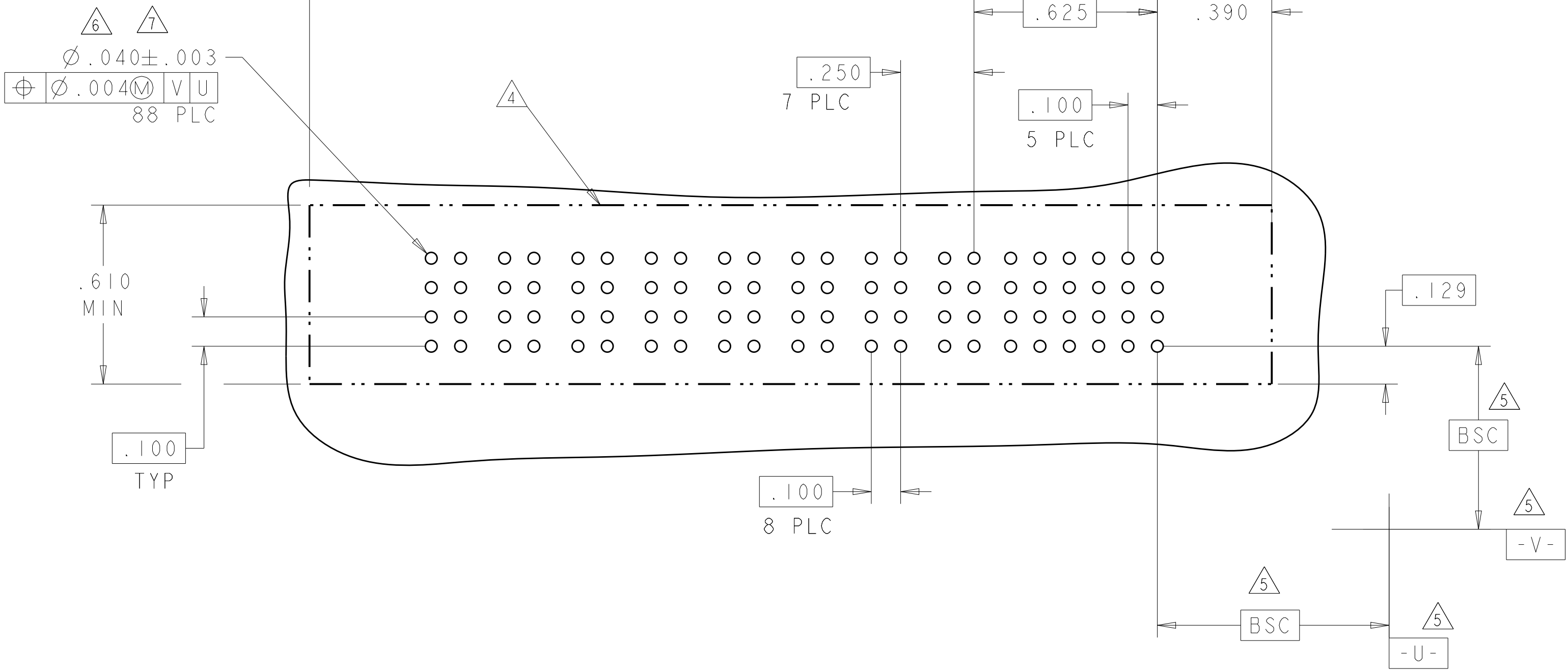
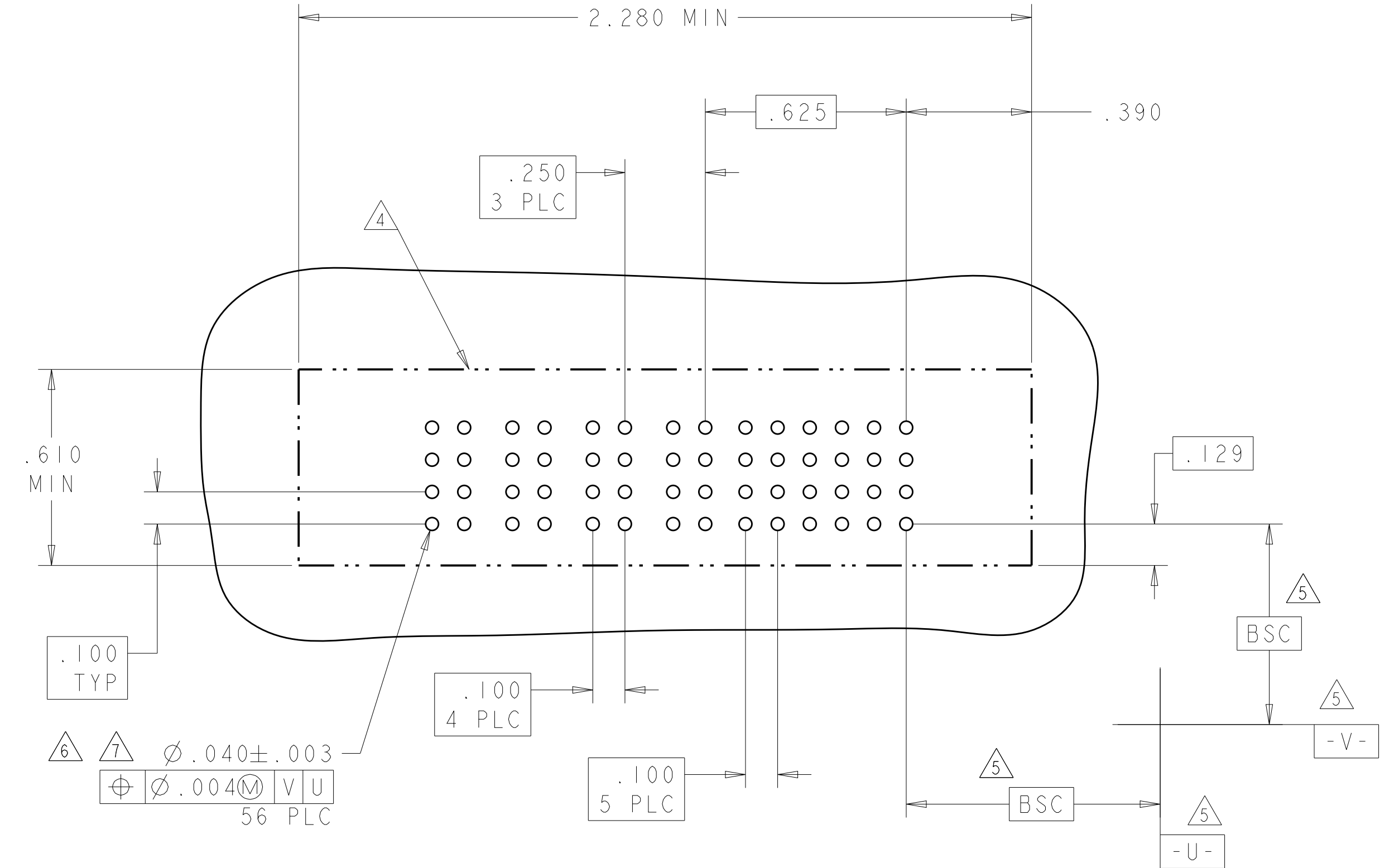
ASSY PART NUMBER	ROWS		POWER														SIGNAL						
			P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	
6450541-2	D C B A																						
			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP			
			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP		AP	
			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP		AP	
24S + 14P																							



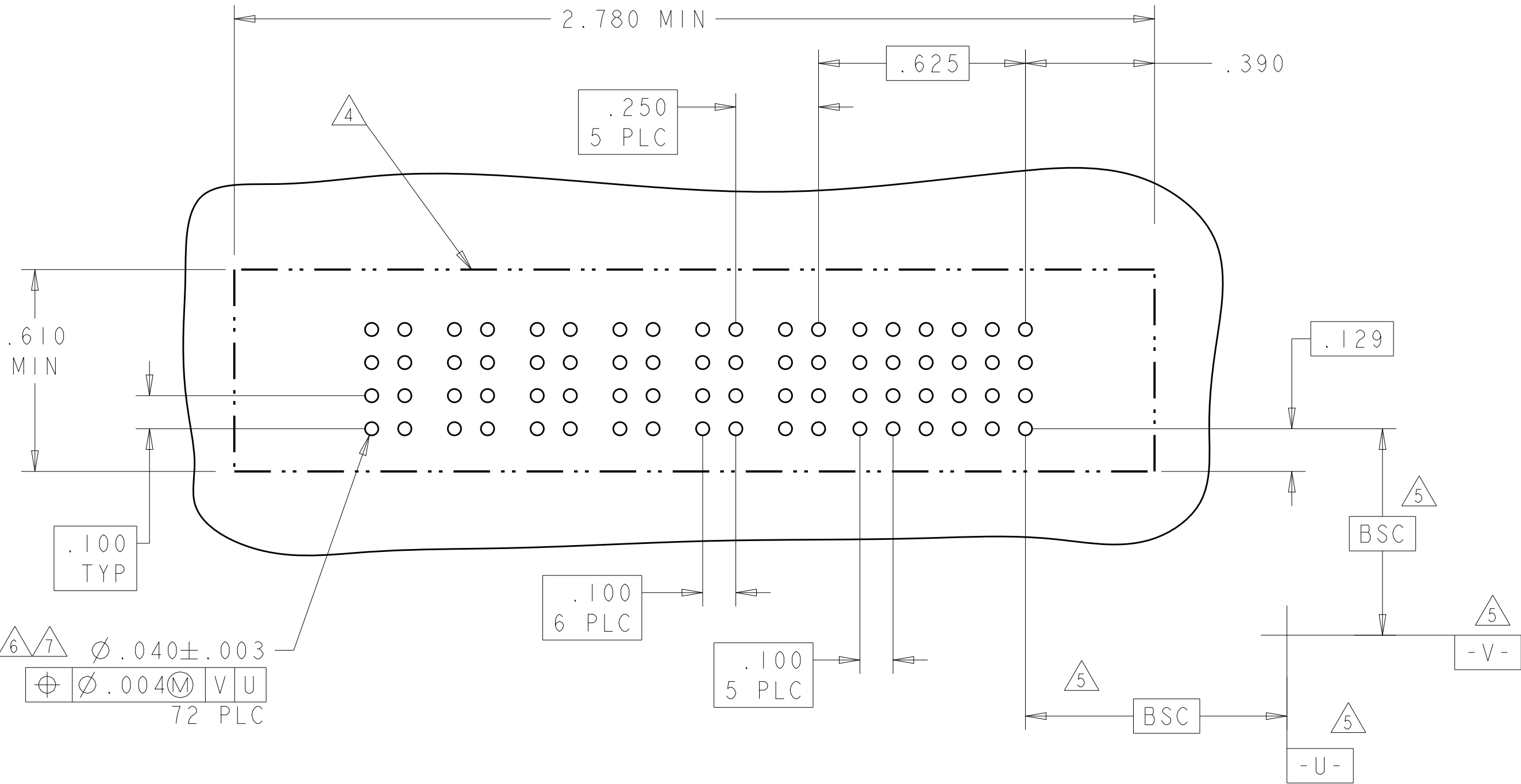
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

ASSY PART NUMBER	ROWS		POWER				SIGNAL						
			P4	P3	P2	P1	6	5	4	3	2	1	
6450541-3	D C B A		 GP	 GP	 GP	 GP	AP	AP	AP	AP	AP	AP	
							AP	AP	AP	AP	AP	AP	
							AP	AP	AP	AP	AP	AP	
							AP	AP	AP	AP	AP	AP	
24S + 4P													

PART NUMBER	ROWS		POWER								SIGNAL						
			P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	
6450541-5	D C B A										 AP	 AP	 AP	 AP	 AP	 AP	
											 AP	 AP	 AP	 AP	 AP	 AP	
											 AP	 AP	 AP	 AP	 AP	 AP	
											 AP	 AP	 AP	 AP	 AP	 AP	
24S + 8P																	



ASSY PART NUMBER	ROWS		POWER						SIGNAL						
			P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	
6450541-4	D C B A							AP	AP	AP	AP	AP	AP		
								AP	AP	AP	AP	AP	AP		
								AP	AP	AP	AP	AP	AP		
								AP	AP	AP	AP	AP	AP		
24S + 6P															



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN R.GRZYBOWSKI 02MAY05
CHK M.PERCHEKKE 02MAY05
APVD M.PERCHEKKE 02MAY05

DIMENSIONS:
INCHES

MATERIAL -

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±.7°

FINISH -

PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038

WEIGHT -

CUSTOMER DRAWING

NAME
VERTICAL RECEPTACLE WITH GUIDES
MULTI-BEAM XL

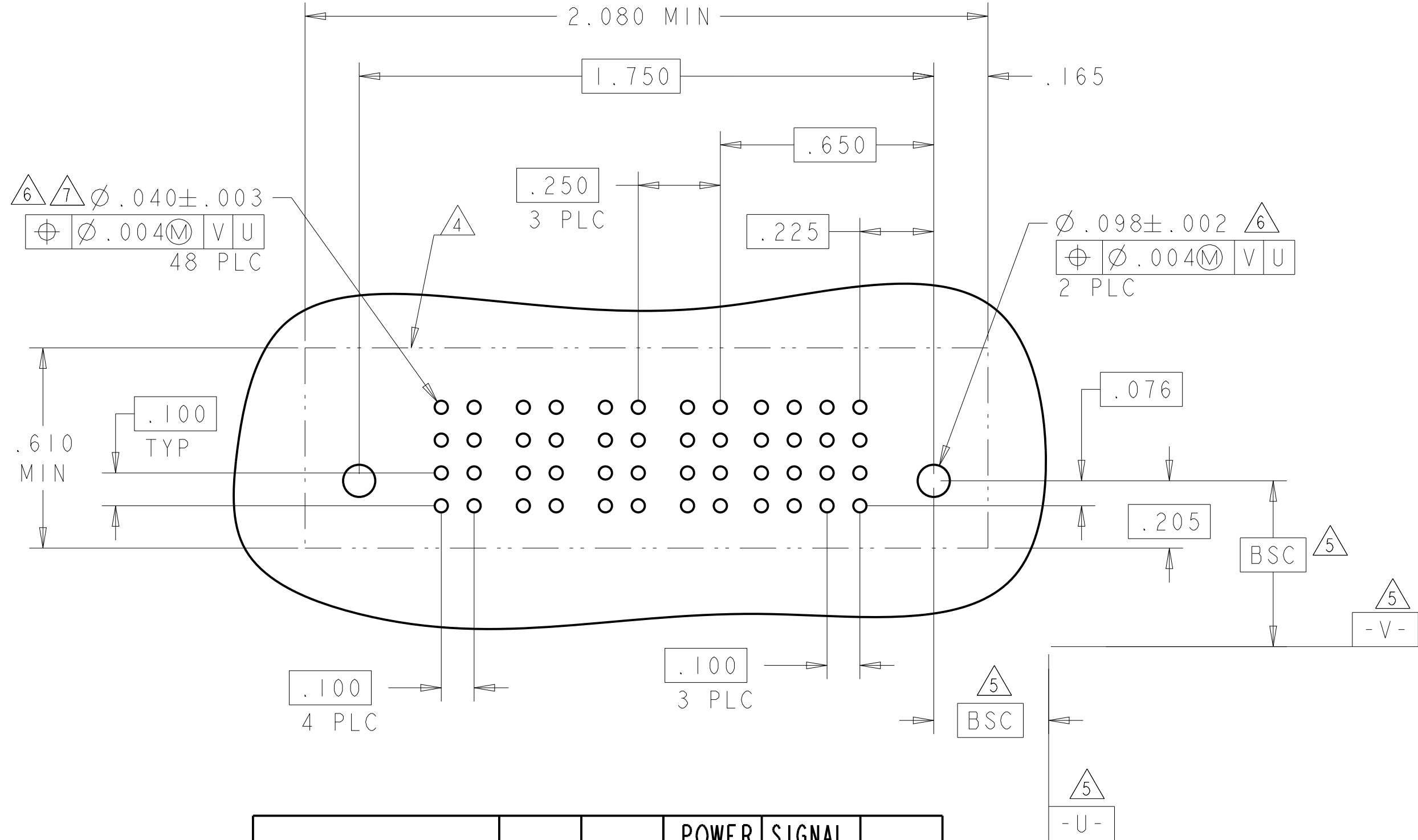
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RESTRICTED TO -

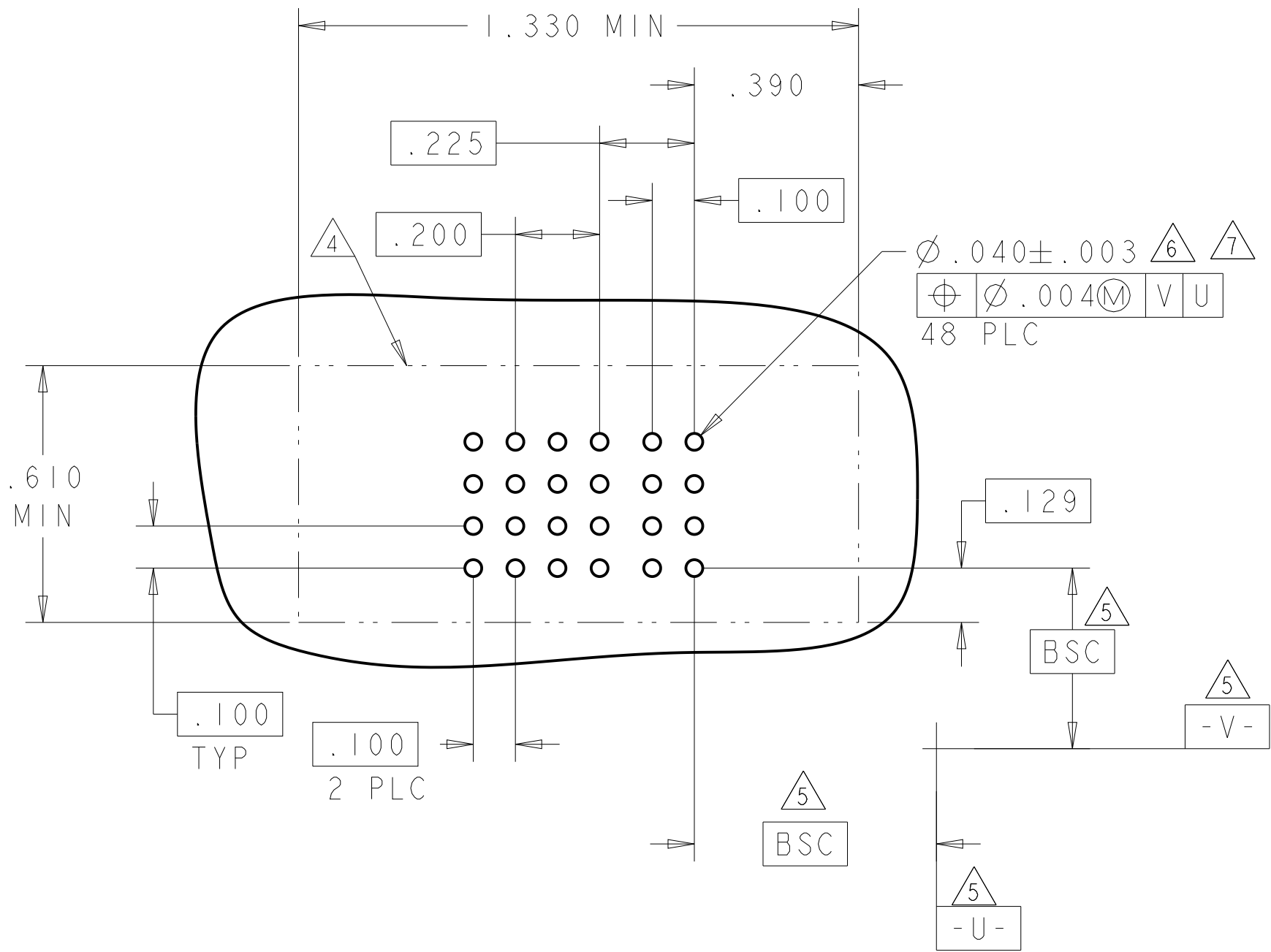
TE Connectivity

SCALE 4:1 SHEET 4 OF 12 REV E4

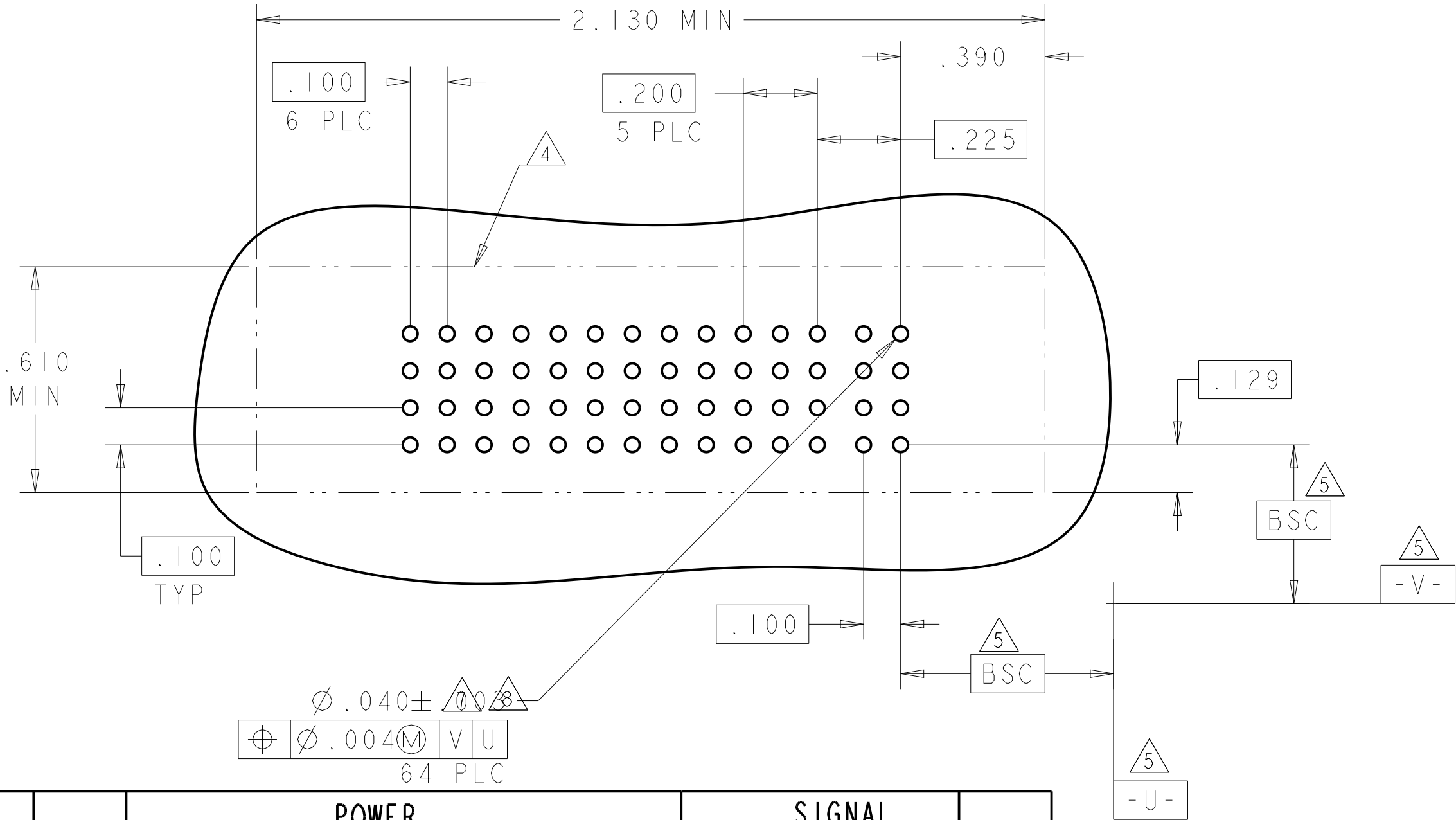
PART NUMBER	ROWS		POWER				SIGNAL				
			P 4	P 3	P 2	P 1	4	3	2	1	
1-6450541-2	D C B A		GS	GS	GS	GS	AP	AP	AP	AP	
							AP	AP	AP	AP	
							AP	AP	AP	AP	
							AP	AP	AP	AP	
16S + 4P											



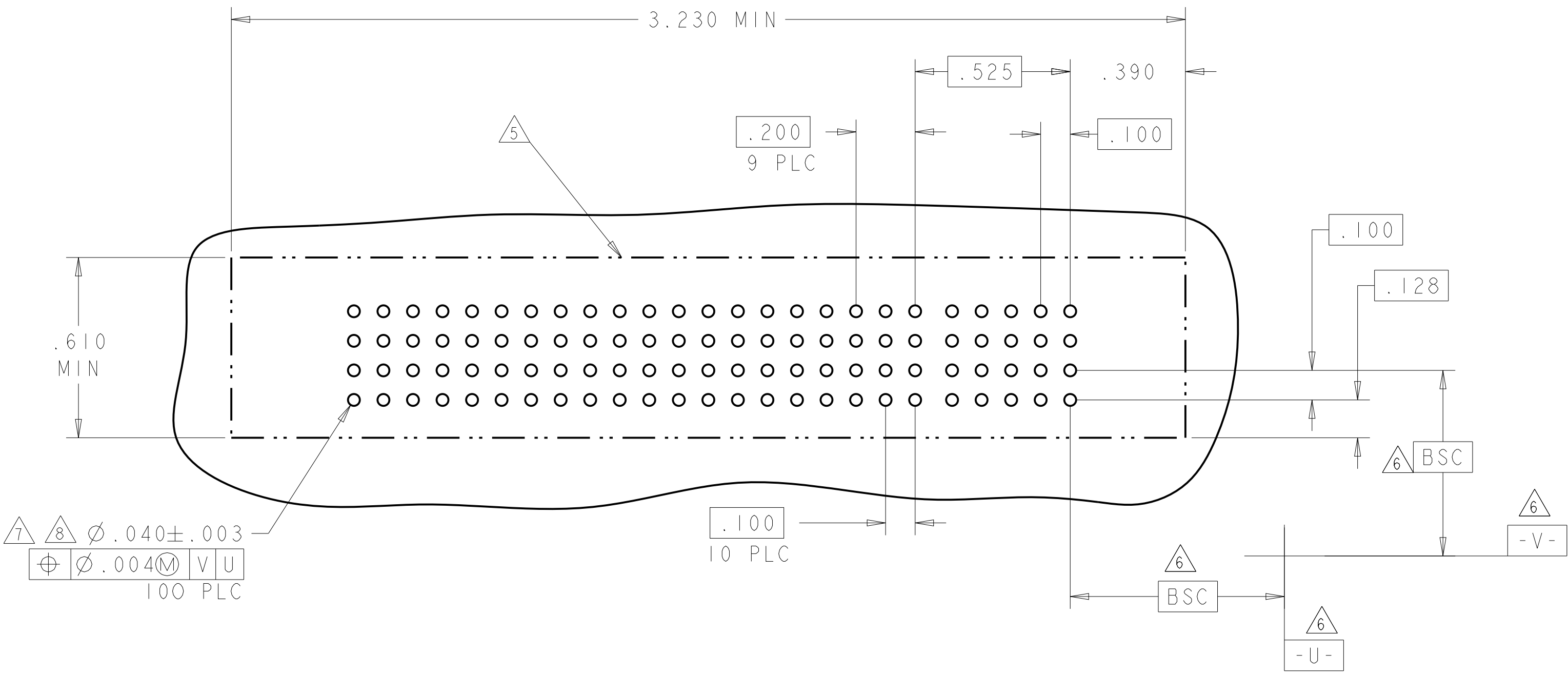
PART NUMBER	ROWS		POWER		SIGNAL			
			P2	P1	2	1		
1-6450541-3	D C B A			HS	HS	BP	BP	
						BP	BP	
						BP	BP	
						BP	BP	
8S + 2HDP								

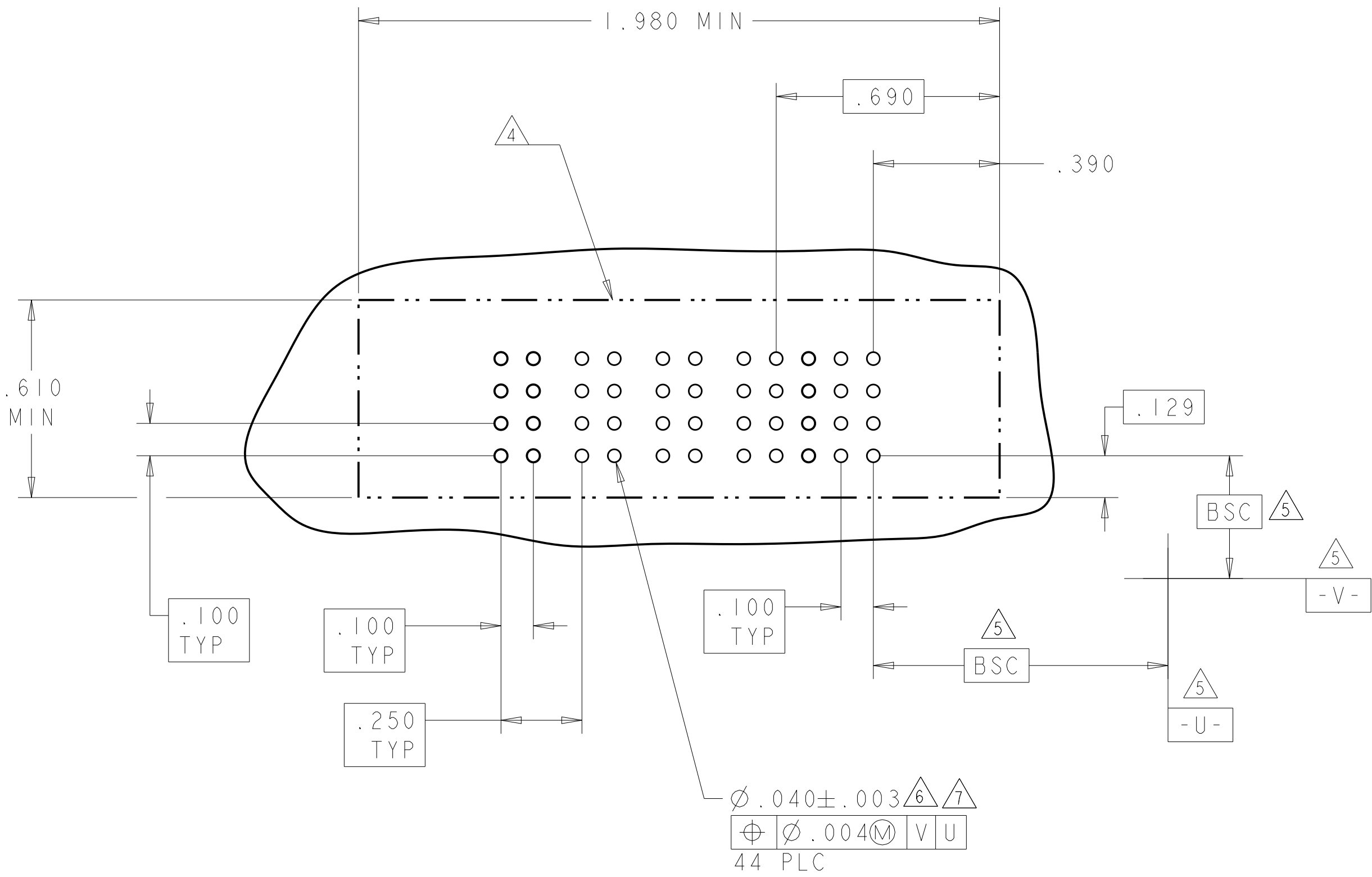


PART NUMBER	ROWS		POWER						SIGNAL		
			P6	P5	P4	P3	P2	P1	2	1	
1-6450541-4	D C B A										
8S + 6HDP											

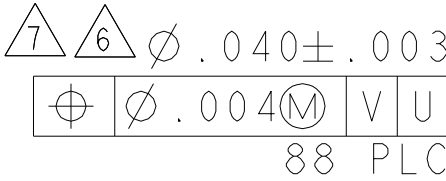


PART NUMBER	ROWS		POWER										SIGNAL							
			P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	5	4	3	2	1			
6450541-7	D C B A			GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	
															AP	AP	AP	AP	AP	
															AP	AP	AP	AP	AP	
															AP	AP	AP	AP	AP	
20S + 10HDP																				



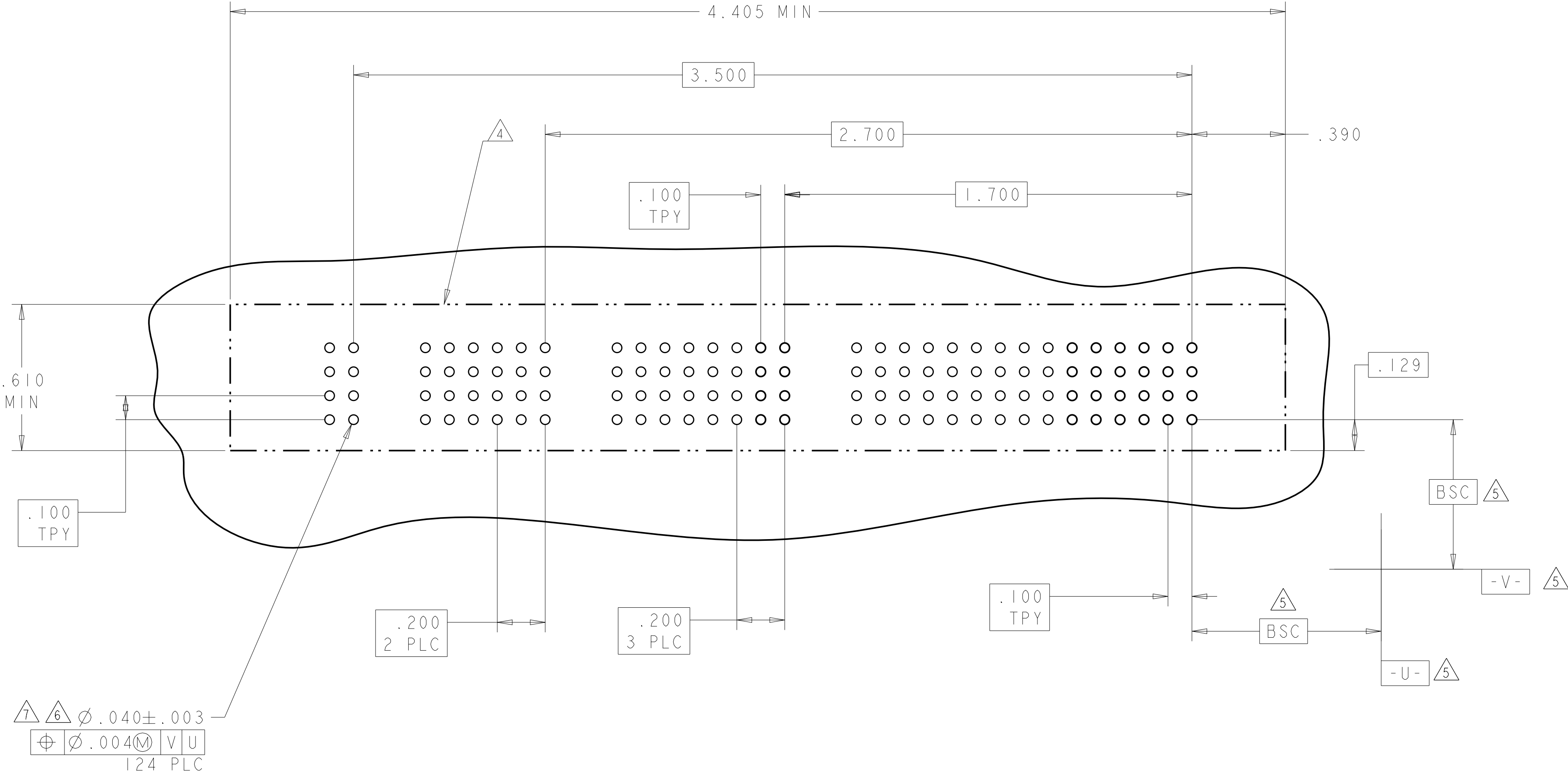
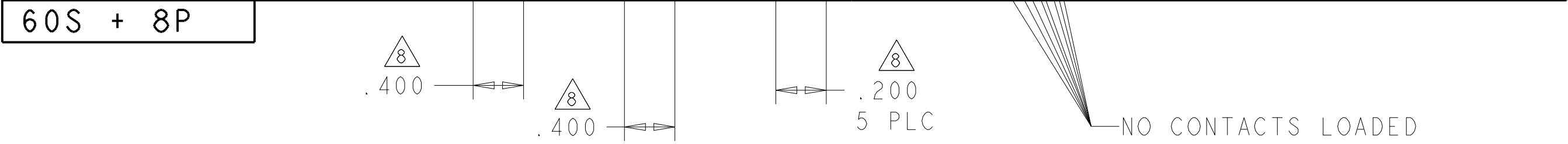
[illegible]4805 (3/11)

NO CONTACTS LOADED

4805 (3/11)

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

ASSY PART NUMBER	ROWS		POWER								SIGNAL																	
			P8	P7	P6	P5	P4	P3	P2	P1	I5	I4	I3	I2	I1	I0	I9	I8	I7	I6	I5	I4	I3	I2	I1			
1-6450541-9	D C B A		GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP		
											AP	AP	AP			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	
											AP	AP	AP			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP
											AP	AP	AP			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

R.GRZYBOWSKI

02MAY05

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES ±2°

FINISH

MATERIAL

-

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

R.GRZYBOWSKI

02MAY05

CHK

M.PERCHERKE

02MAY05

APVD

M.PERCHERKE

02MAY05

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

TE Connectivity

NAME

VERTICAL RECEPTACLE WITH GUIDES MULTI-BEAM XL

SIZE

CAGE CODE

DRAWING NO

A100779

©=6450541

RESTRICTED TO

-

SCALE

4:1

SHEET

8

OF

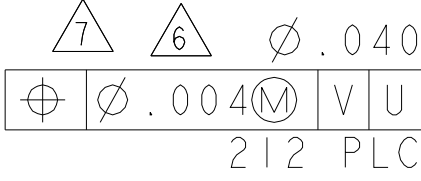
12

REV

E4

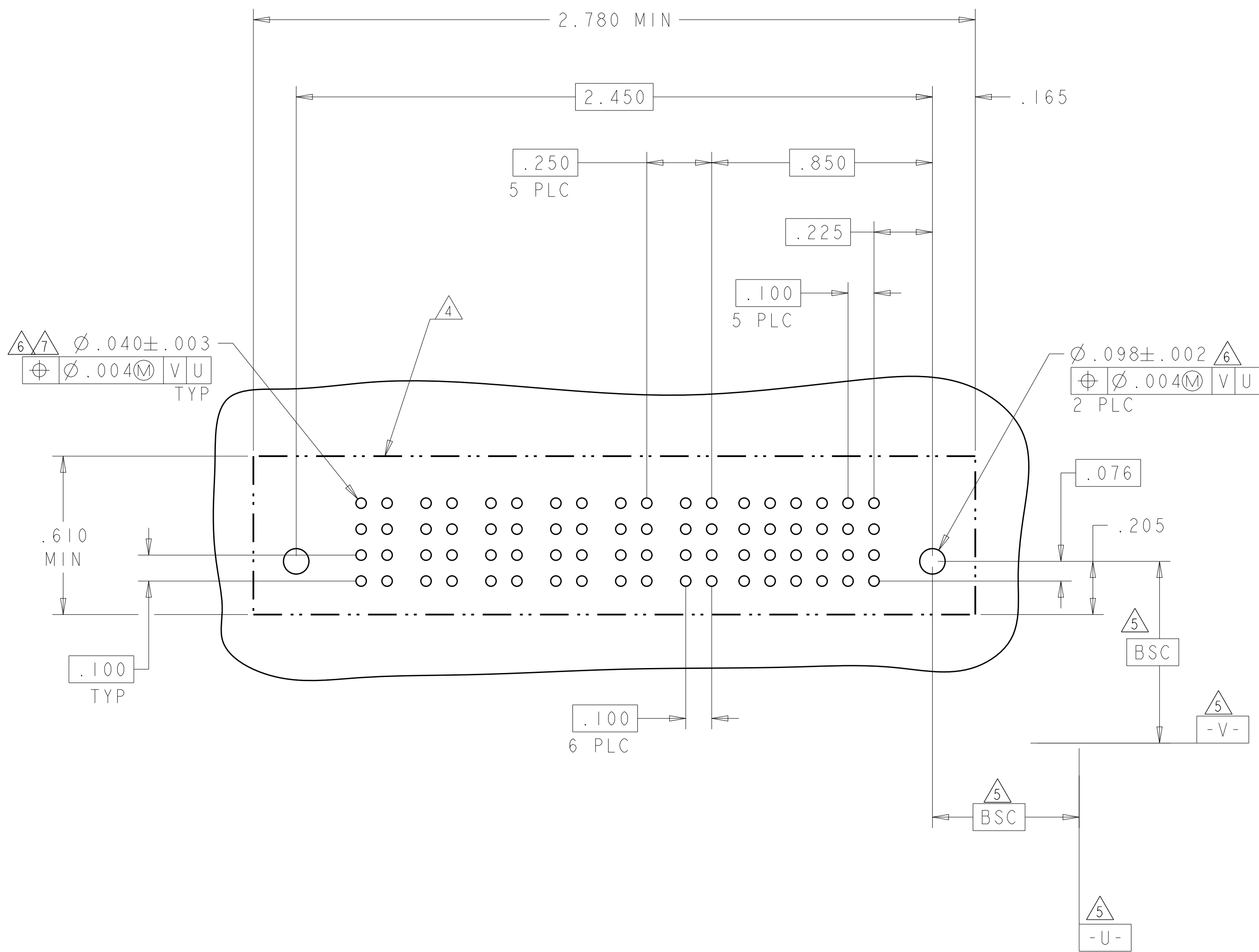
-NO CONTACTS LOADED

-NO CONTACTS LOADED

4805 (3/11)

[illegible]4805 (3/11)

ASSY PART NUMBER	ROWS		POWER						SIGNAL						
			P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	
2-6450541-6	D C B A	 HD							AP	AP	AP	AP	AP	AP	 HD
24S + 6P									AP	AP	AP	AP	AP	AP	
									AP	AP	AP	AP	AP	AP	
									AP	AP	AP	AP	AP	AP	
									AP	AP	AP	AP	AP	AP	

4805 (3/11)

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:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

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moschip.ru_4

moschip.ru_6

moschip.ru_9