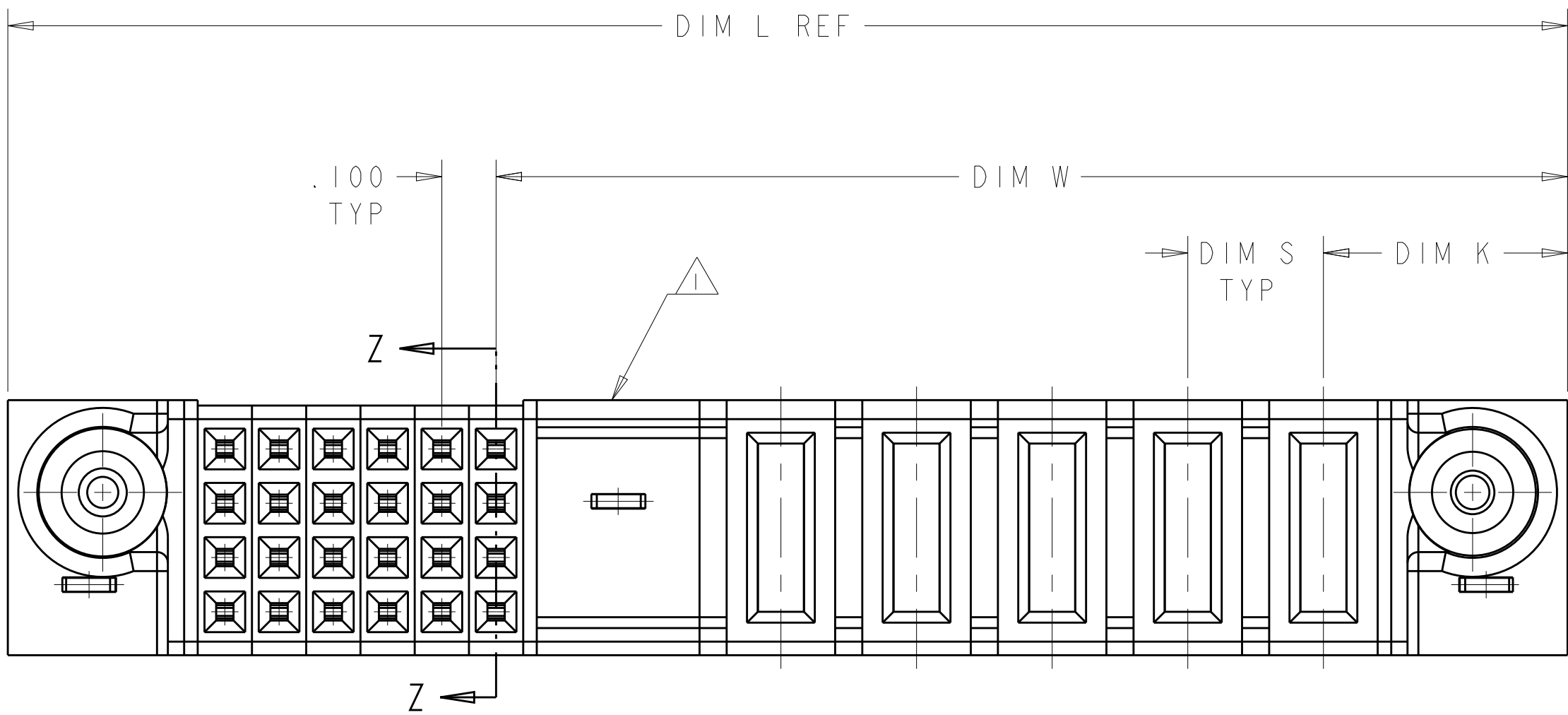
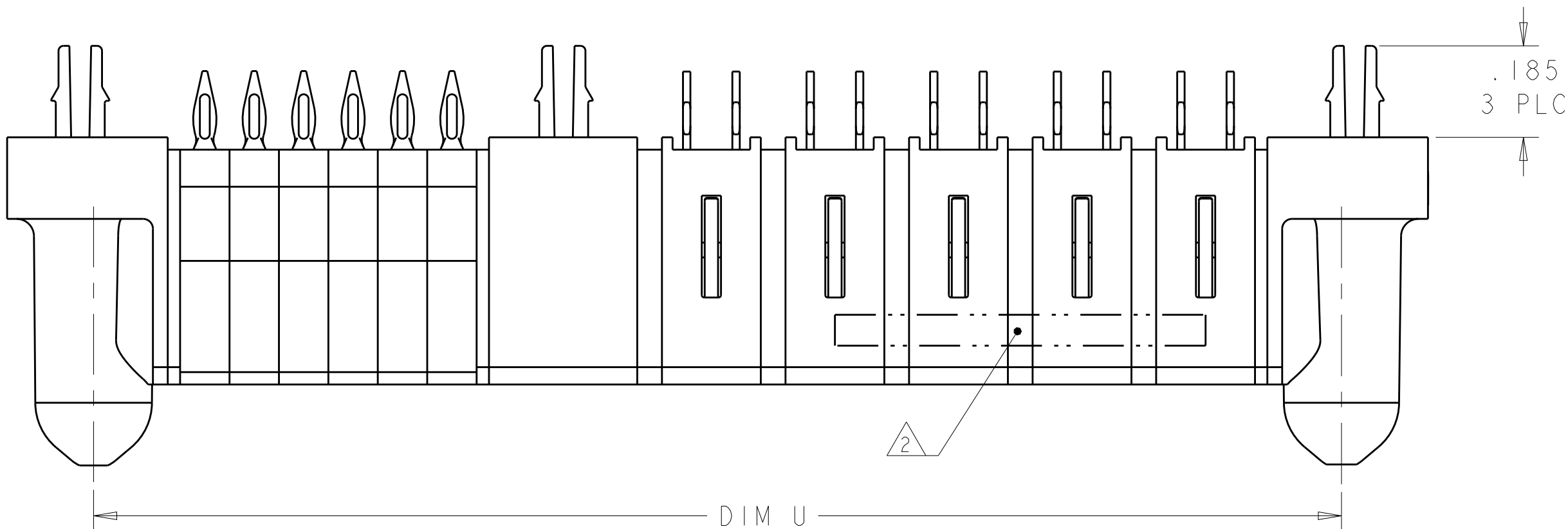
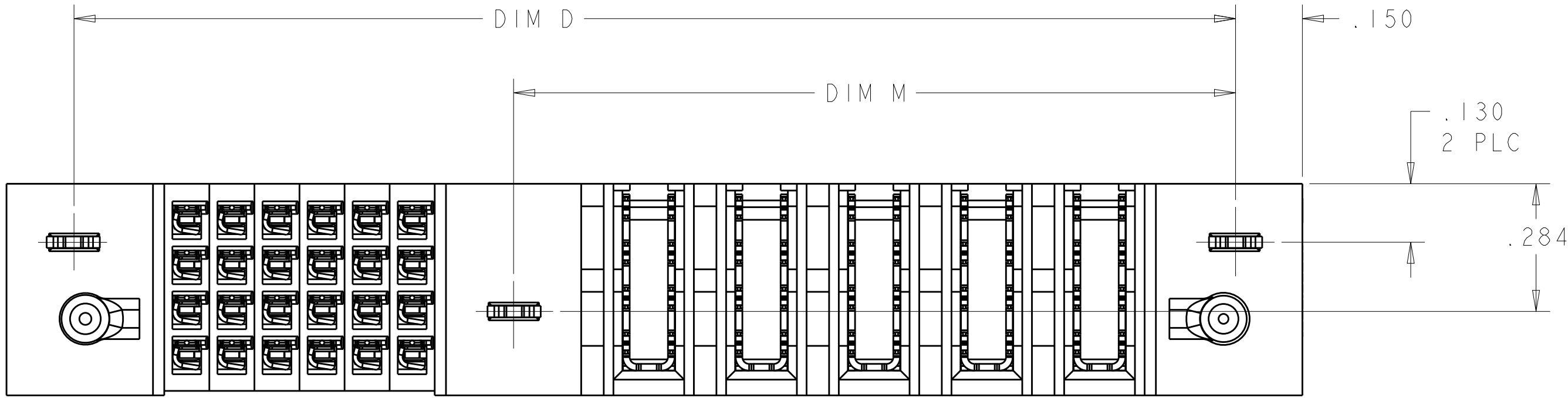
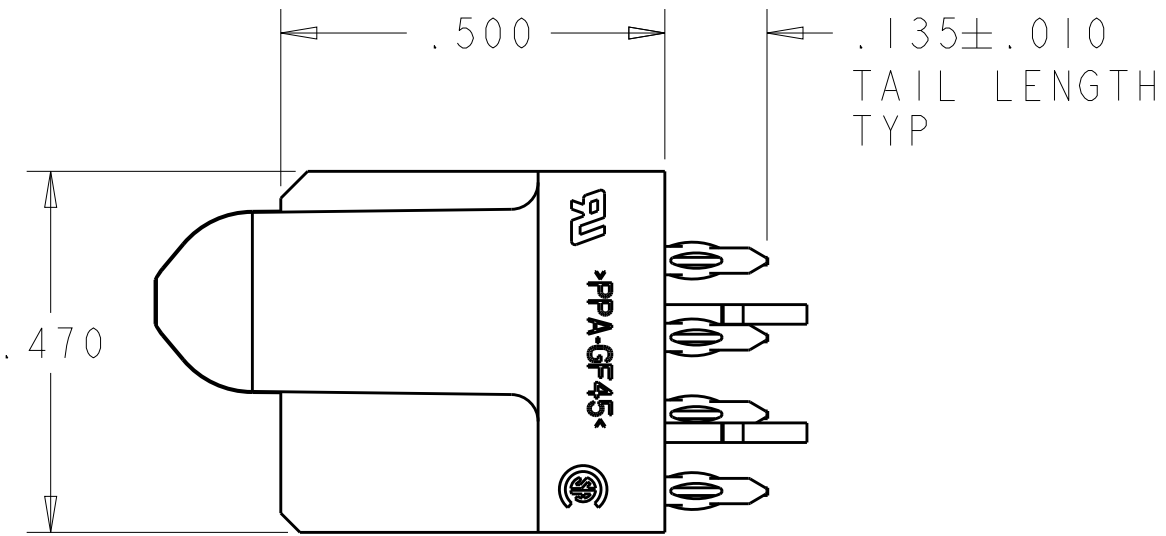
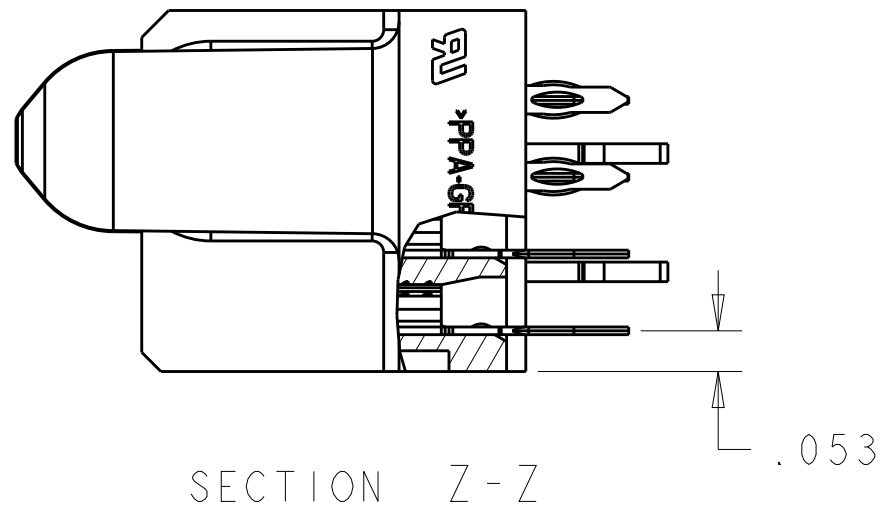


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		G7	REV PER ECR-09-008079	08APR2009	OL	SY
			H	REV PER ECR-12-003783	28FEB2012	CZ	SZ
			H2	ADD NEW PART -29	28JAN2015	AY	SZ



- 1 OPTIONAL CENTER MODULE, WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE
- 2 "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN
PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES
- 3 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL
AREA OF POWER AND SIGNAL CONTACTS
- 5 MECHANICAL CONNECTOR KEEP OUT ZONE
- 6 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- 7 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- 8 PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn
OVER .001 TO .003 CU PLATING TO ACHIEVE
A .040±.003 DIA HOLE
- 9 VARIABLE DIMENSIONS PLEASE REFER TO TABLE FOR DETAIL.

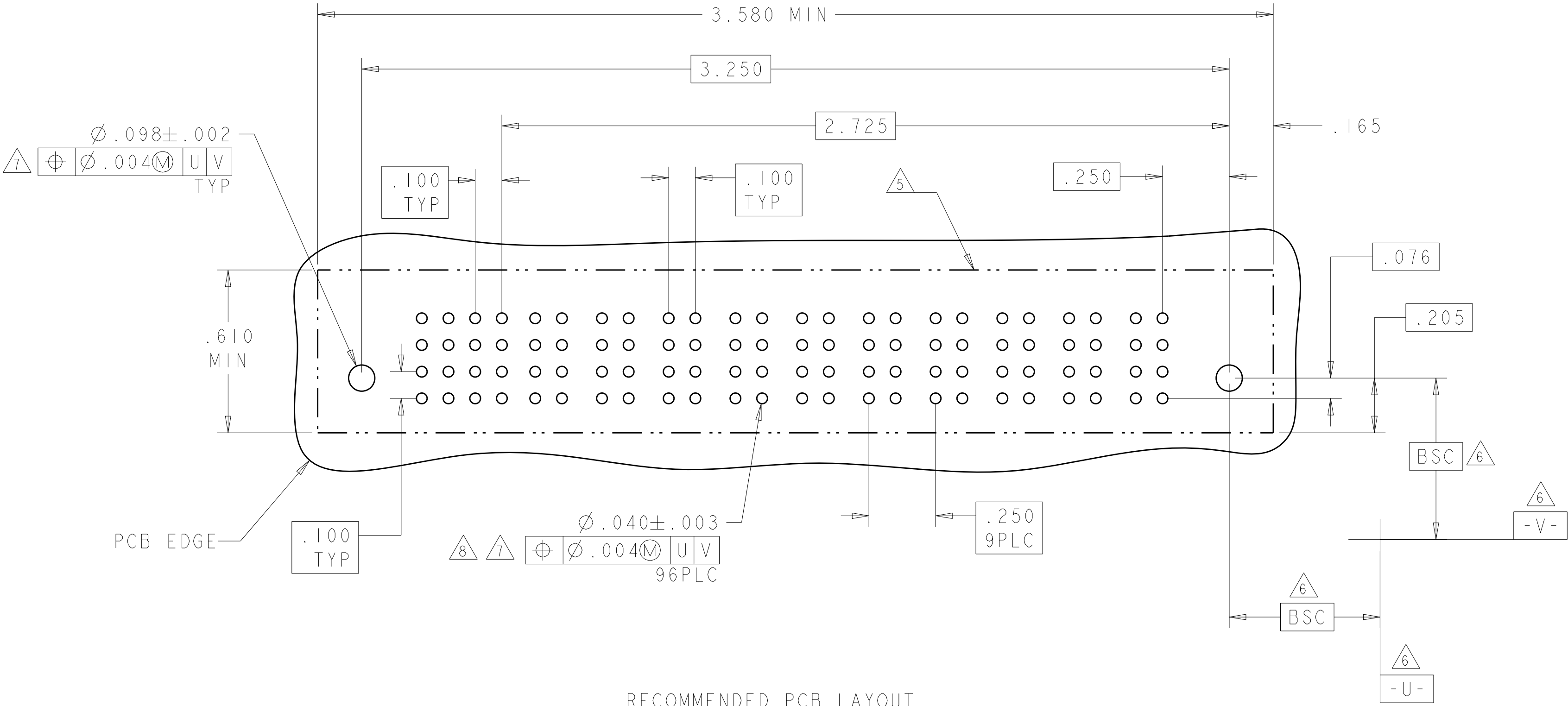


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHERKE APVD M.PERCHERKE	28FEB05 28FEB05	TE Connectivity	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME	VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° FINISH	108-1973 APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO
MATERIAL	3	114-13038	A1	00779	6450542
CUSTOMER DRAWING		WEIGHT	SCALE	4:1	SHEET 1 OF 10
		REV	H2		

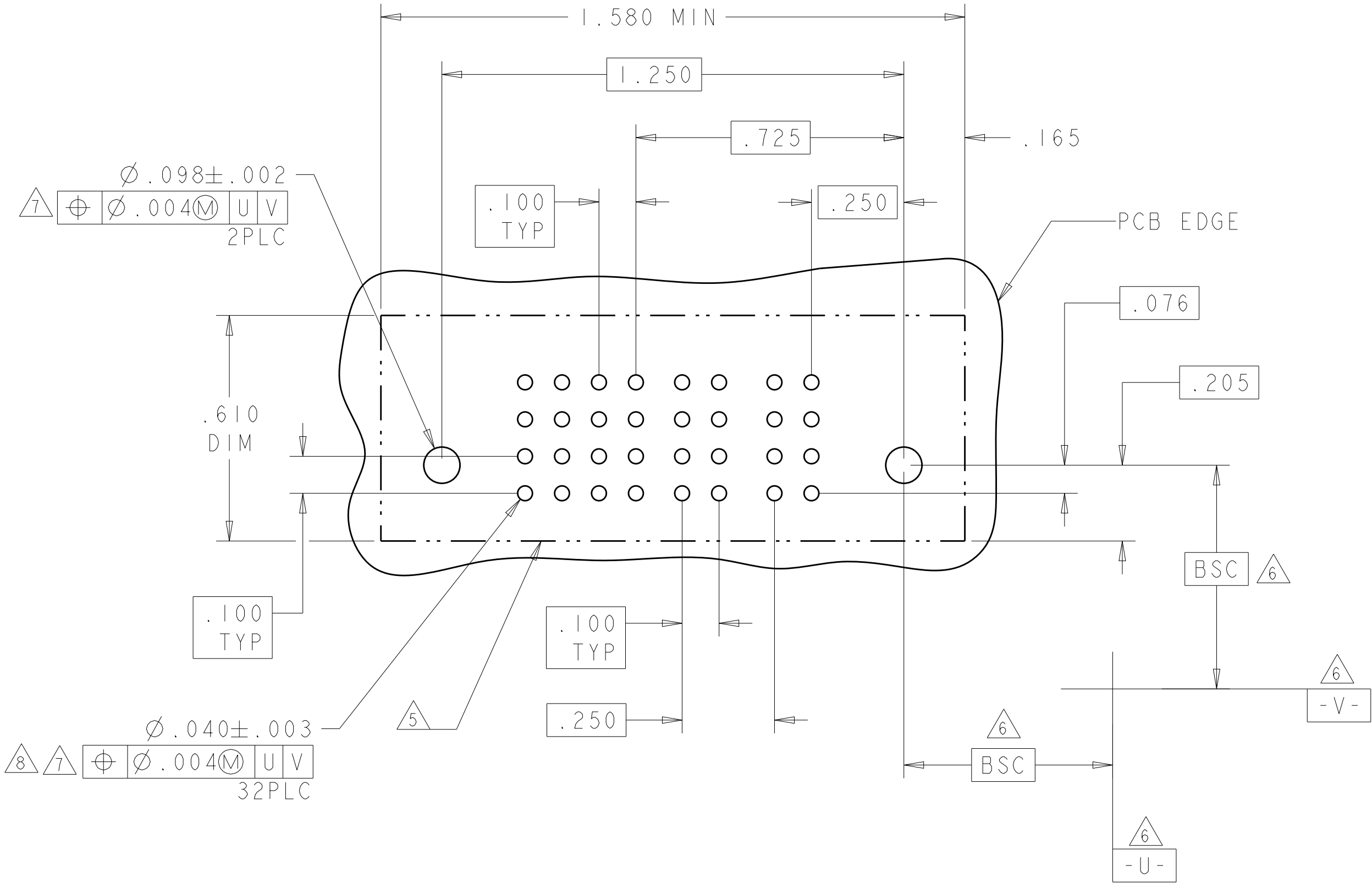
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ES	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

PART NUMBER	ROWS		SIGNAL				POWER																																																																																																																																																																																																																																																																																																																																				
			4	3	2	1	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1																																																																																																																																																																																																																																																																																																																											
2-6450542-2	D C B A	 HD	AP	AP	AP	AP																																																																																																																																																																																																																																																																																																																																					

PART NUMBER	ROWS		SIGNAL				POWER		
			4	3	2	1	P2	P1	
2-6450542-3	D C B A		AP	AP	AP	AP			
			AP	AP	AP	AP			
			AP	AP	AP	AP			
			AP	AP	AP	AP			
			AP	AP	AP	AP			
									
2P + 16S									



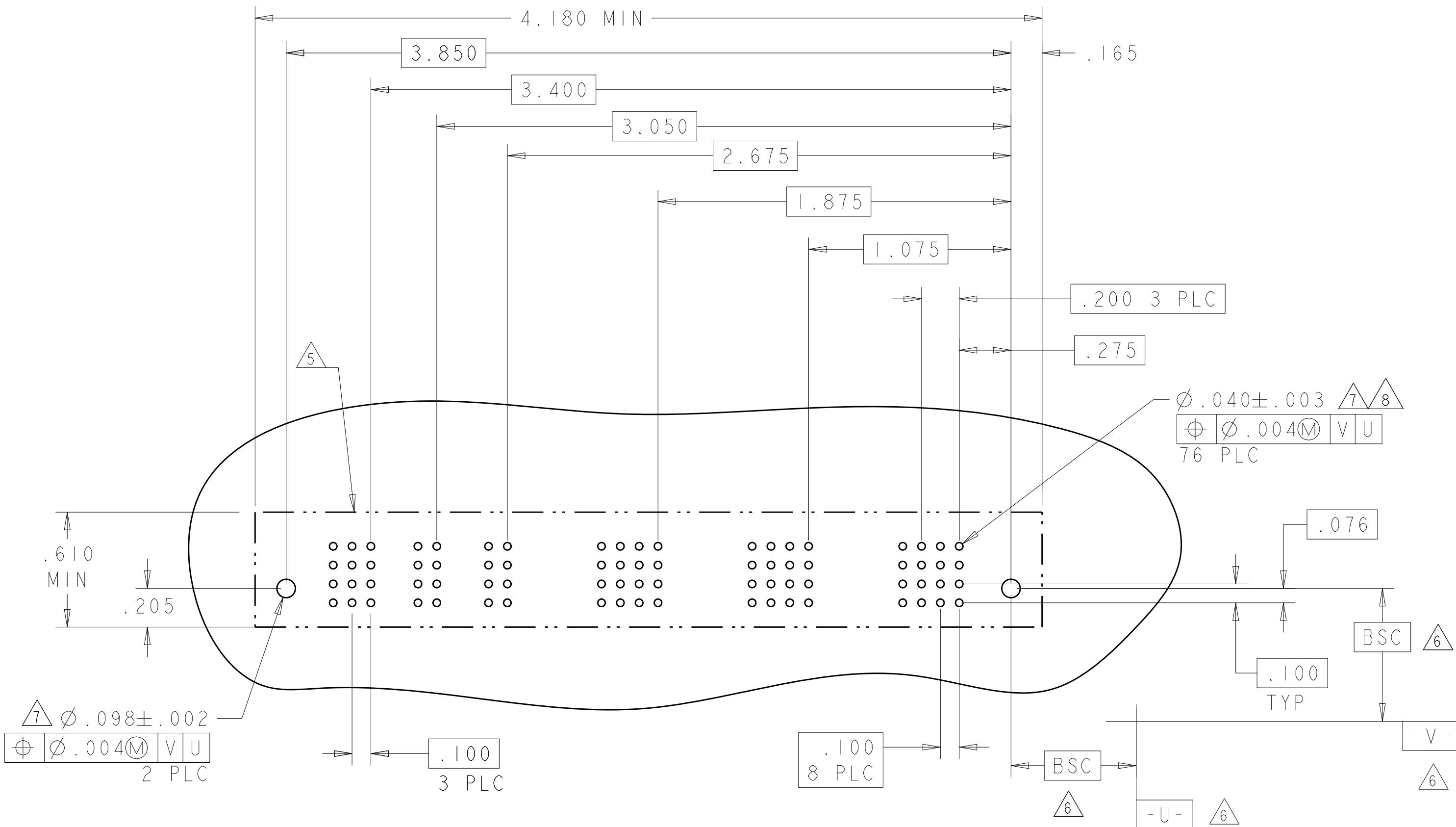
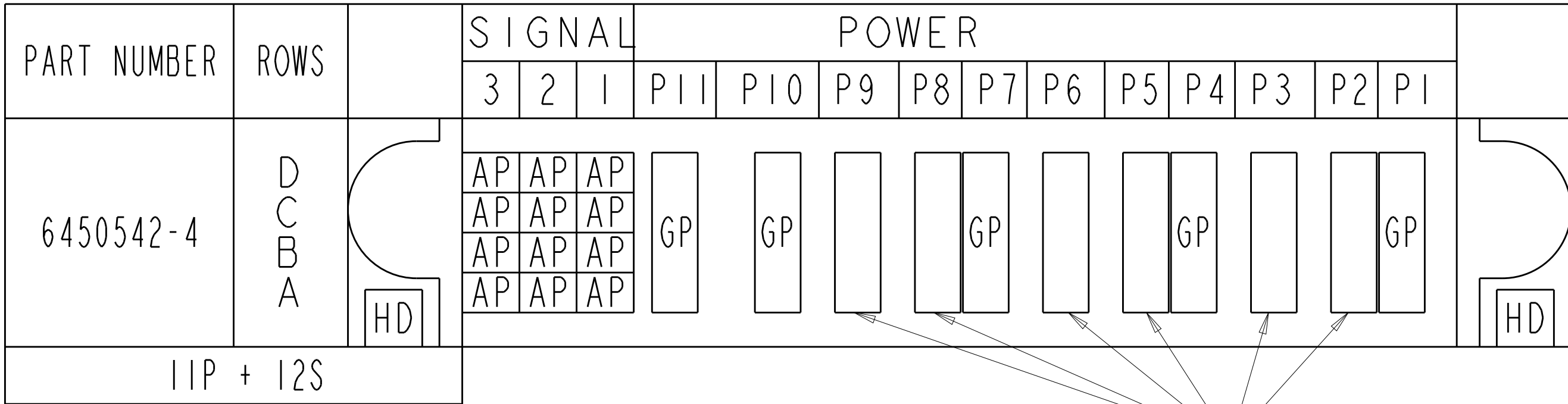
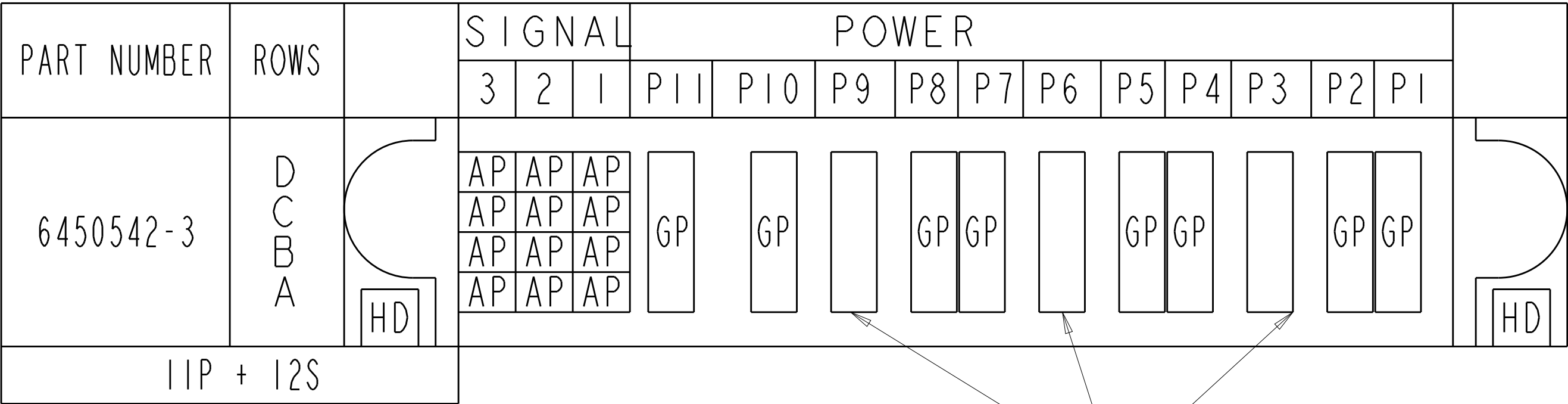
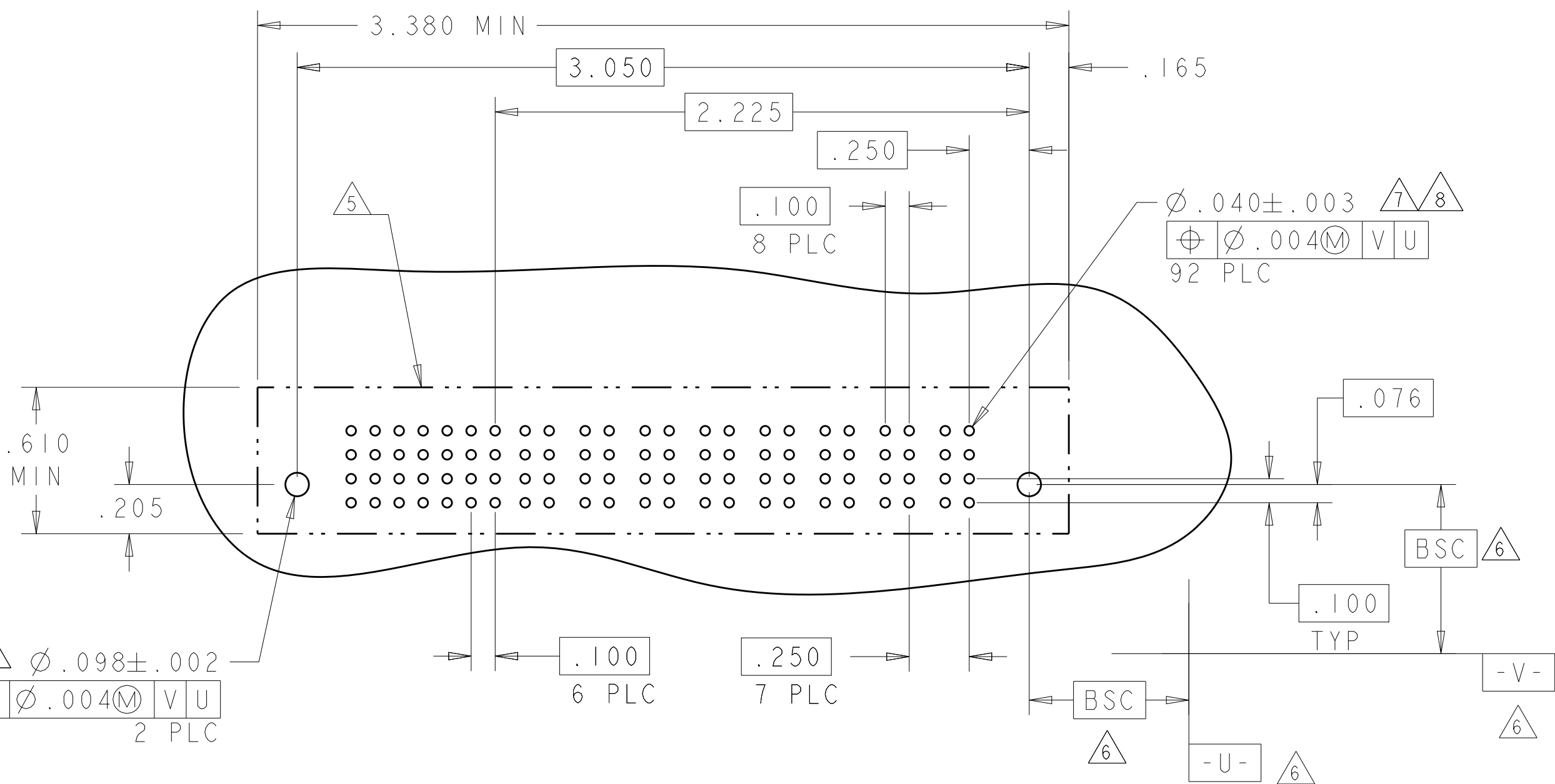
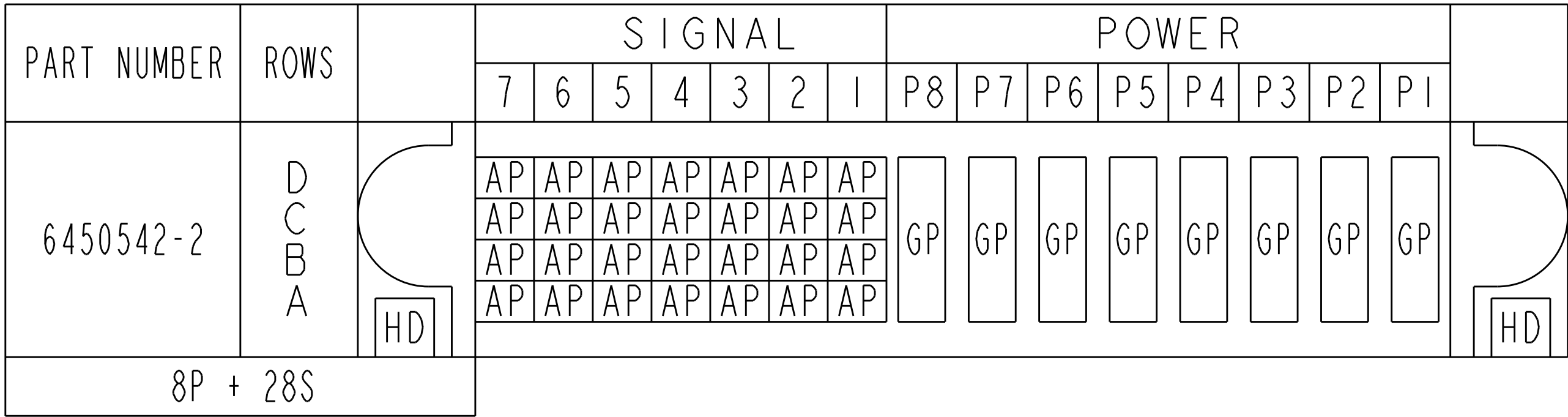
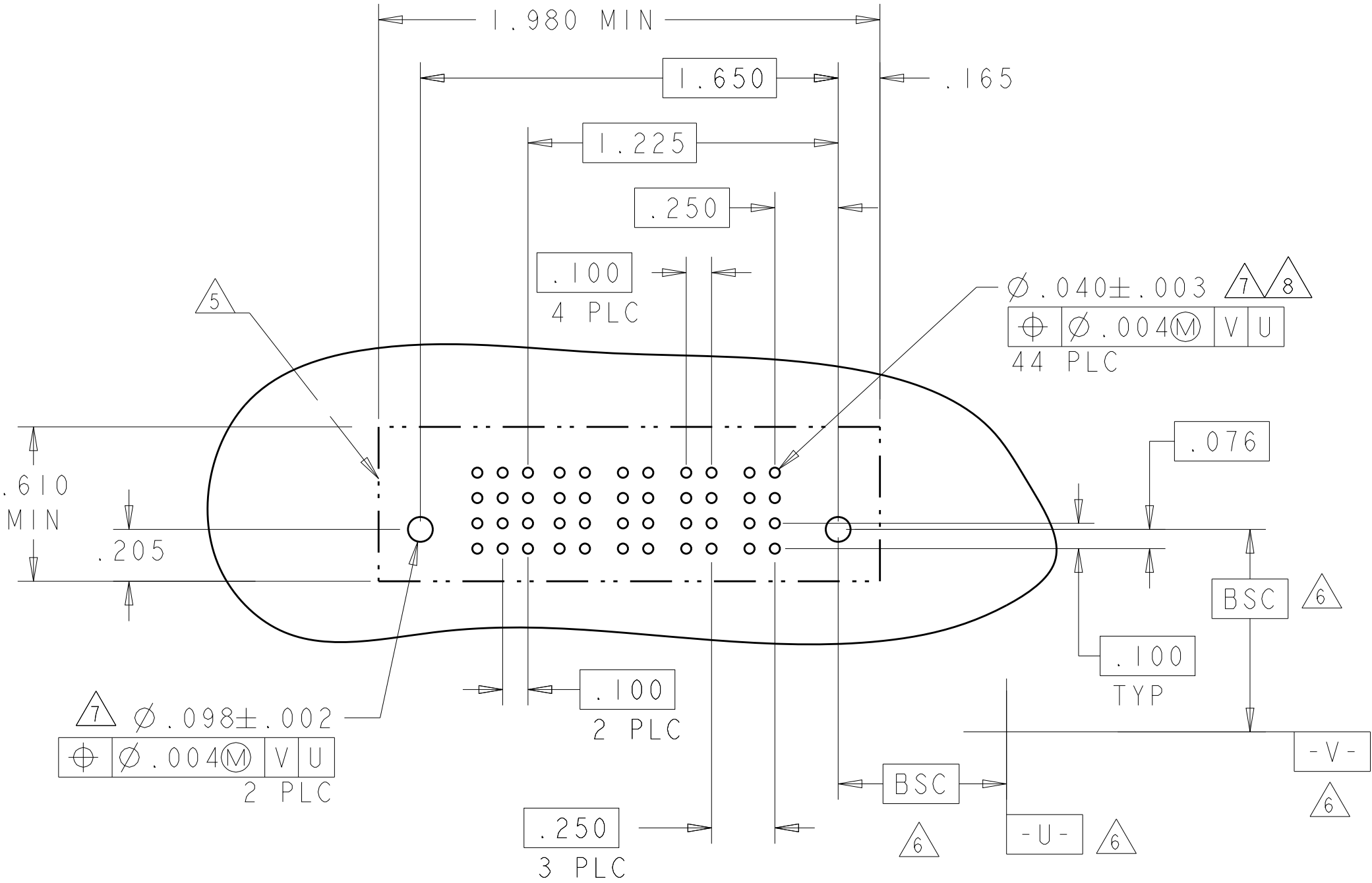
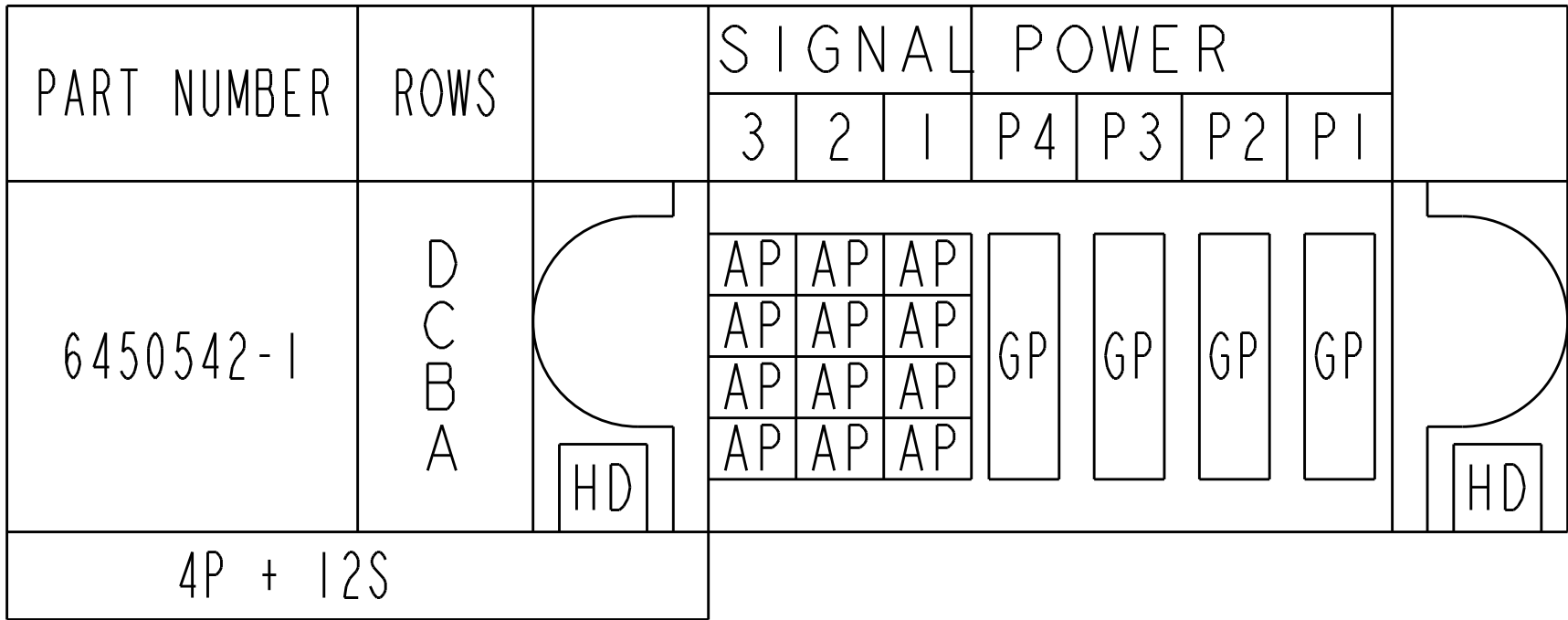
RECOMMENDED PCB LAYOUT
6450542-22



RECOMMENDED PCB LAYOUT
6450542-23

H2	1.500	.250	1.375	1.550	-	1.850	.450	4P + 8S	2-6450542-9
	4.425	.200	2.200	4.475	-	4.775	.450	9P + 92S	2-6450542-7
	3.350	.200	2.825	3.400	-	3.700	.450	12HDP + 24S	2-6450542-5
	2.825	.250	2.300	2.875	-	3.175	.475	3ACP + 4P + 24S	2-6450542-4
	1.200	.250	.875	1.250	-	1.550	.450	2P + 16S	2-6450542-3
	3.200	.250	2.875	3.250	-	3.550	.450	10P + 16S	2-6450542-2
	2.300	.250	1.875	2.350	-	2.650	.450	6P + 20S	2-6450542-0
	1.800	.250	1.275	1.850	-	2.150	.450	4P + 24S	1-6450542-9
	2.900	.250	2.375	2.950	-	3.250	.450	8P + 24S	1-6450542-8
	2.100	.250	1.375	2.150	-	2.450	.450	4P + 32S	1-6450542-7
	2.100	.250	1.875	2.150	-	2.450	.450	6P + 12S	1-6450542-6
	2.900	.200	2.425	3.000	-	3.300	.450	10HDP + 24S	1-6450542-5
	2.000	.250	.875	-	-	2.350	.450	2P + 48S	1-6450542-4
	5.900	.250	5.375	5.950	-	6.250	.450	20P + 24S	1-6450542-2
	1.400	.250	.875	1.450	-	1.750	.450	2P + 24S	1-6450542-1
	1.100	-	.575	1.150	-	1.450	.425	1P + 24S	1-6450542-0
	4.425	.250	3.875	4.475	-	4.775	.450	14P + 24S	6450542-9
	3.050	.250	2.125	3.100	-	3.400	.450	7P + 40S	6450542-8
	3.800	-	3.550	3.850	-	4.150	.475	11P + 12S	6450542-4
	3.800	-	3.550	3.850	-	4.150	.475	11P + 12S	6450542-3
	3.000	.250	2.375	3.050	-	3.350	.450	8P + 28S	6450542-2
	1.600	.250	1.375	1.650	-	1.950	.450	4P + 12S	6450542-1
	DIM U	DIM S	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE	28FEB95 28FEB05
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. PERCHERKE	NAME
	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.0020	PRODUCT SPEC 108-1973	
MATERIAL	FINISH	APPLICATION SPEC 114-13038	
		WEIGHT	
CUSTOMER DRAWING		SIZE A1	CAGE CODE 100779
		DRAWING NO. 6450542	RESTRICTED TO
		SCALE 4:1	SHEET 2 OF 10
		REV H2	



AP	SIGNAL PRESS FIT
GS	POWER PRESS FIT, STD
GP	POWER PRESS FIT, MFBL
CODE	TAIL LENGTH

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

ANGLES

FINISH

28FEB95

28FEB05

-

108-1973

114-13038

-

-

NAME

SIZE

CAGE CODE

DRAWING NO

SCALE

TE Connectivity

VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

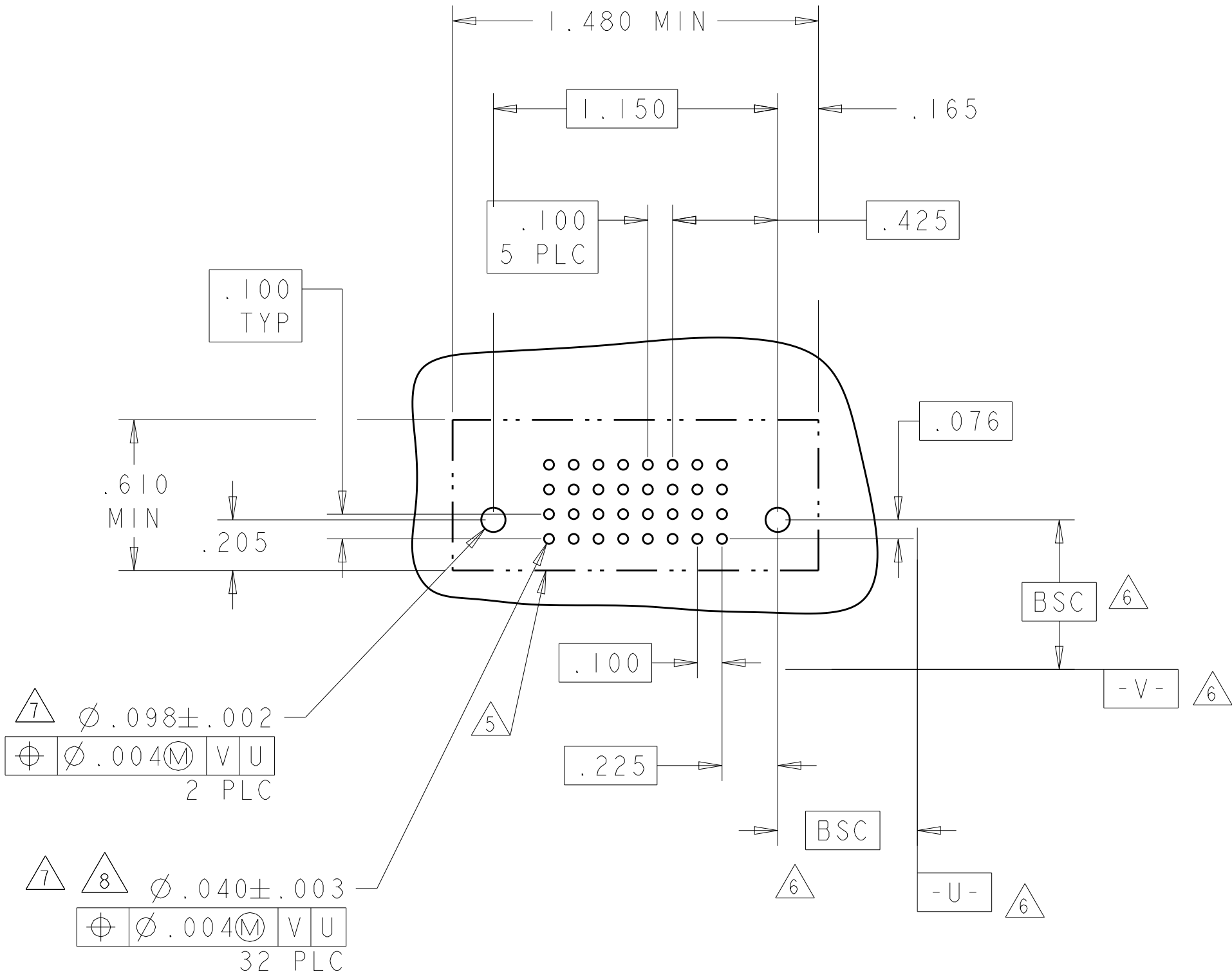
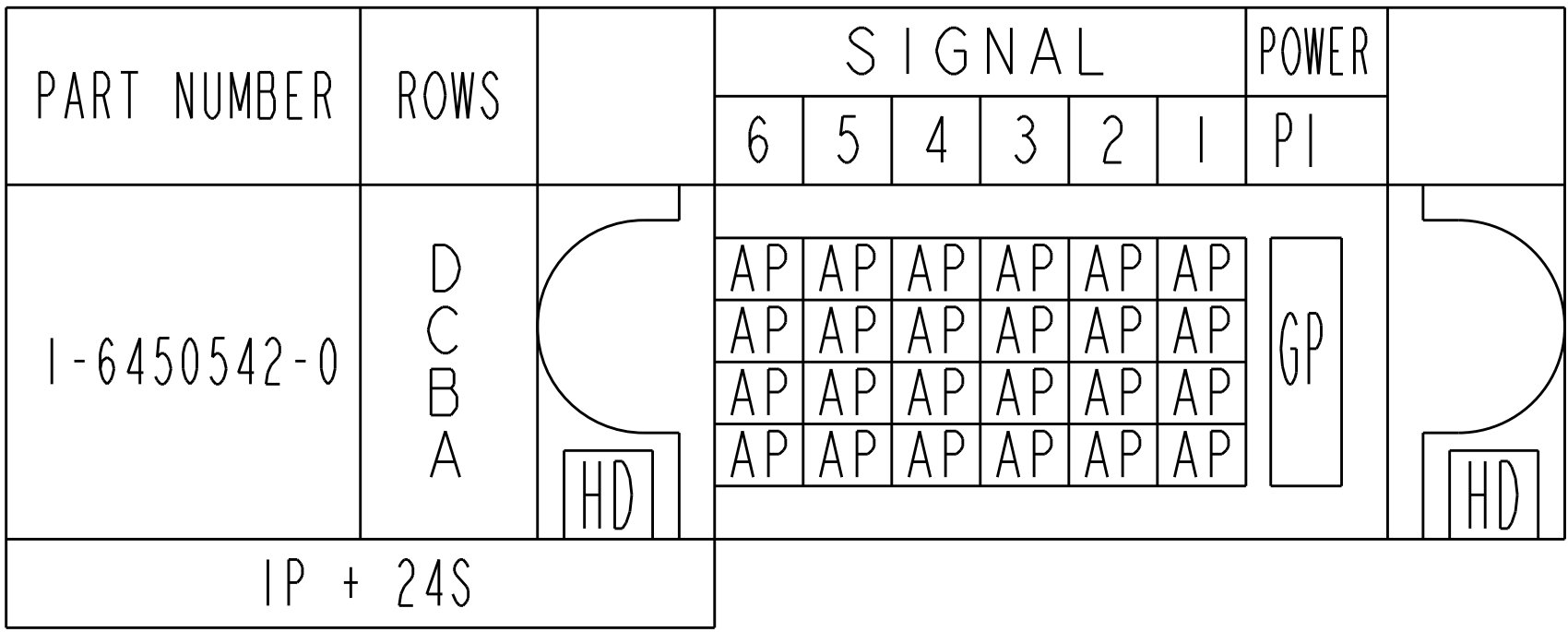
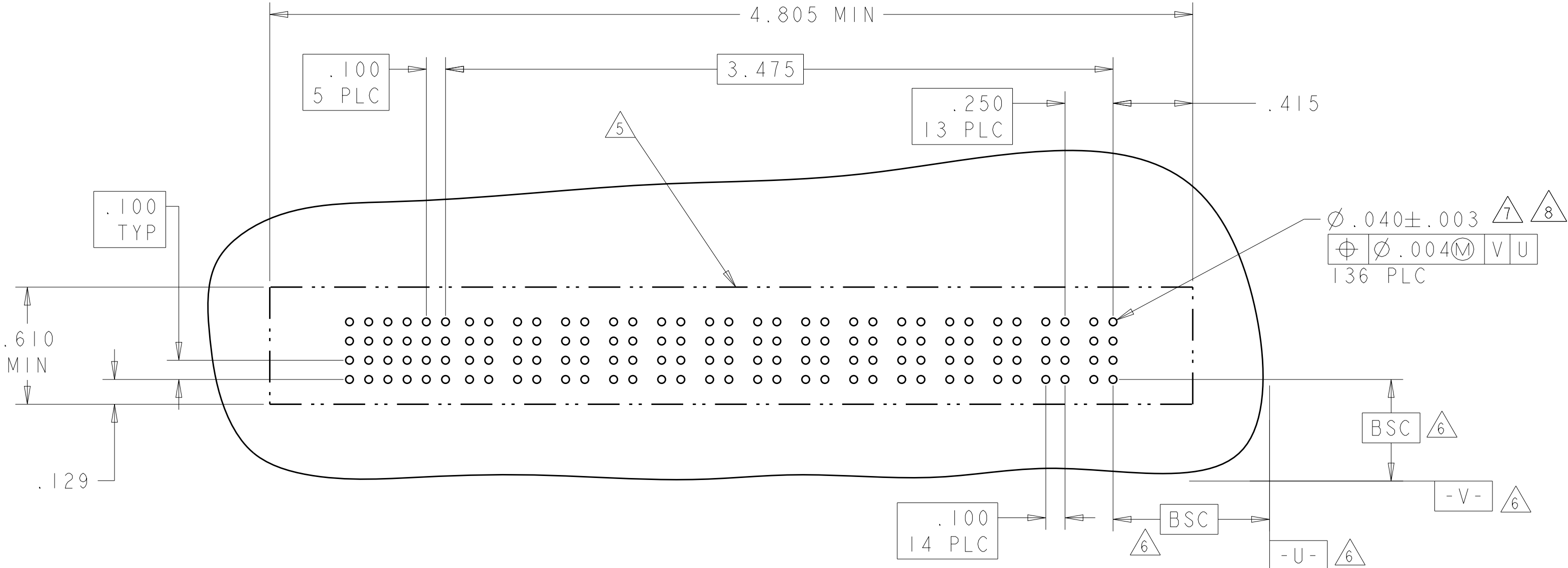
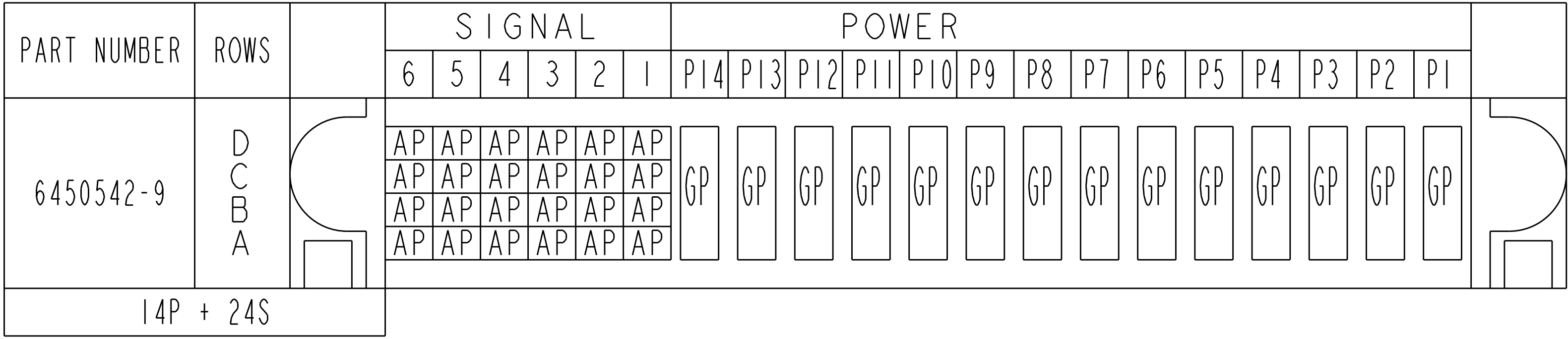
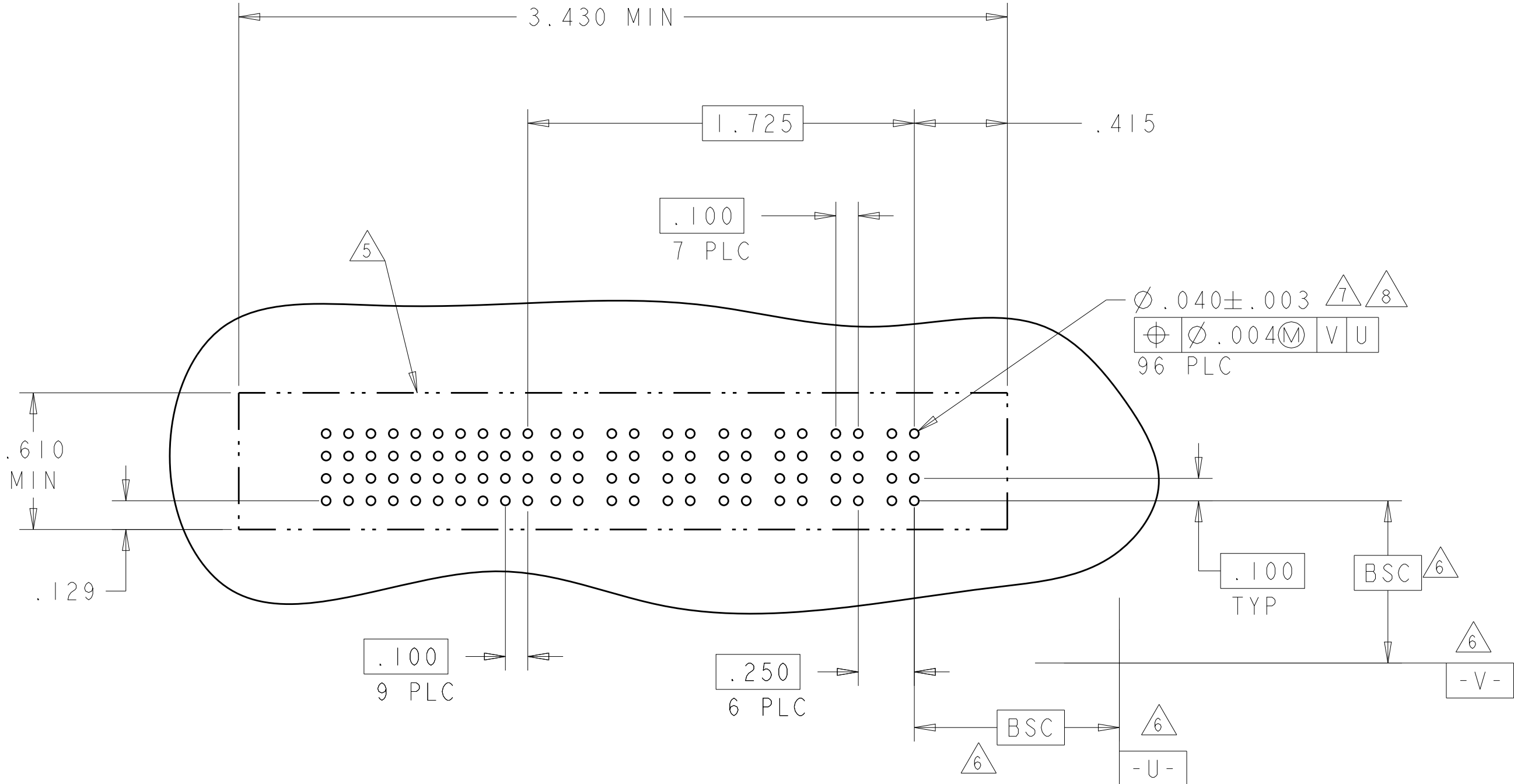
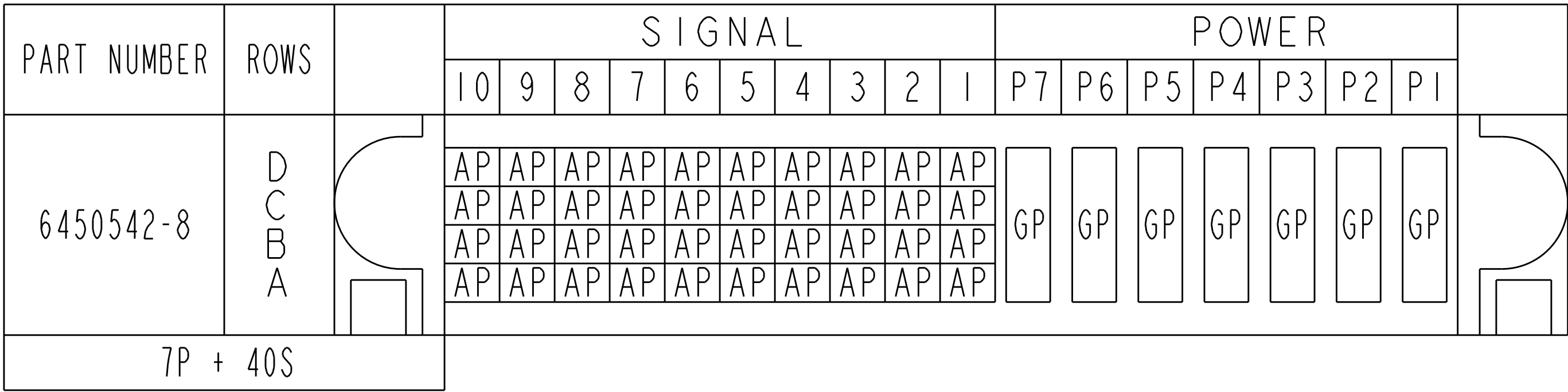
100779

3

10

REV H2

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI 28FEB95
CHK: M. PERCHERKE 28FEB05
APVD: M. PERCHERKE

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

DIMENSIONS: INCHES

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

MATERIAL: -
FINISH: -

NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

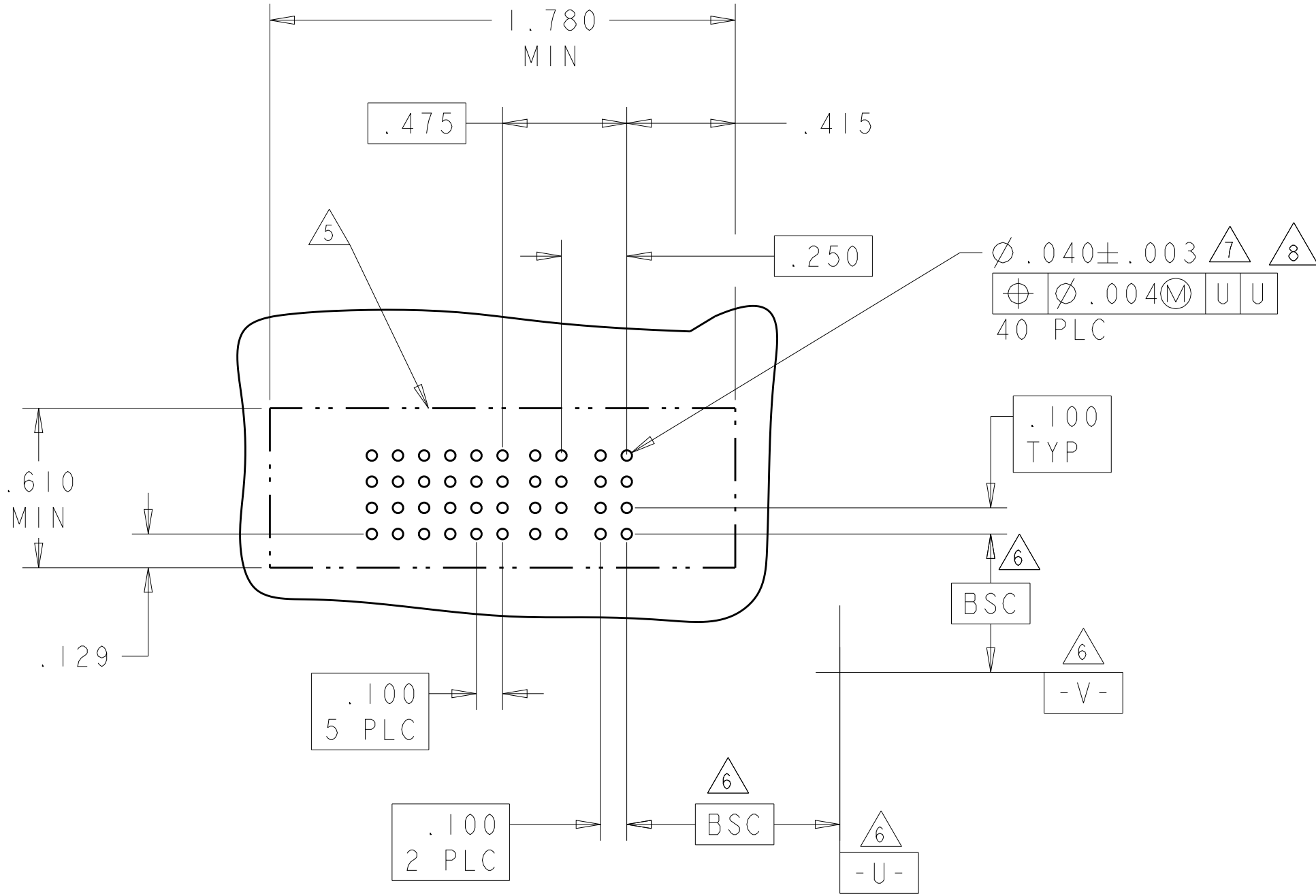
SIZE: A1
CAGE CODE: 00779
DRAWING NO: C=6450542

RESTRICTED TO: -
SCALE: 4:1
SHEET: 4 OF 10
REV: H2

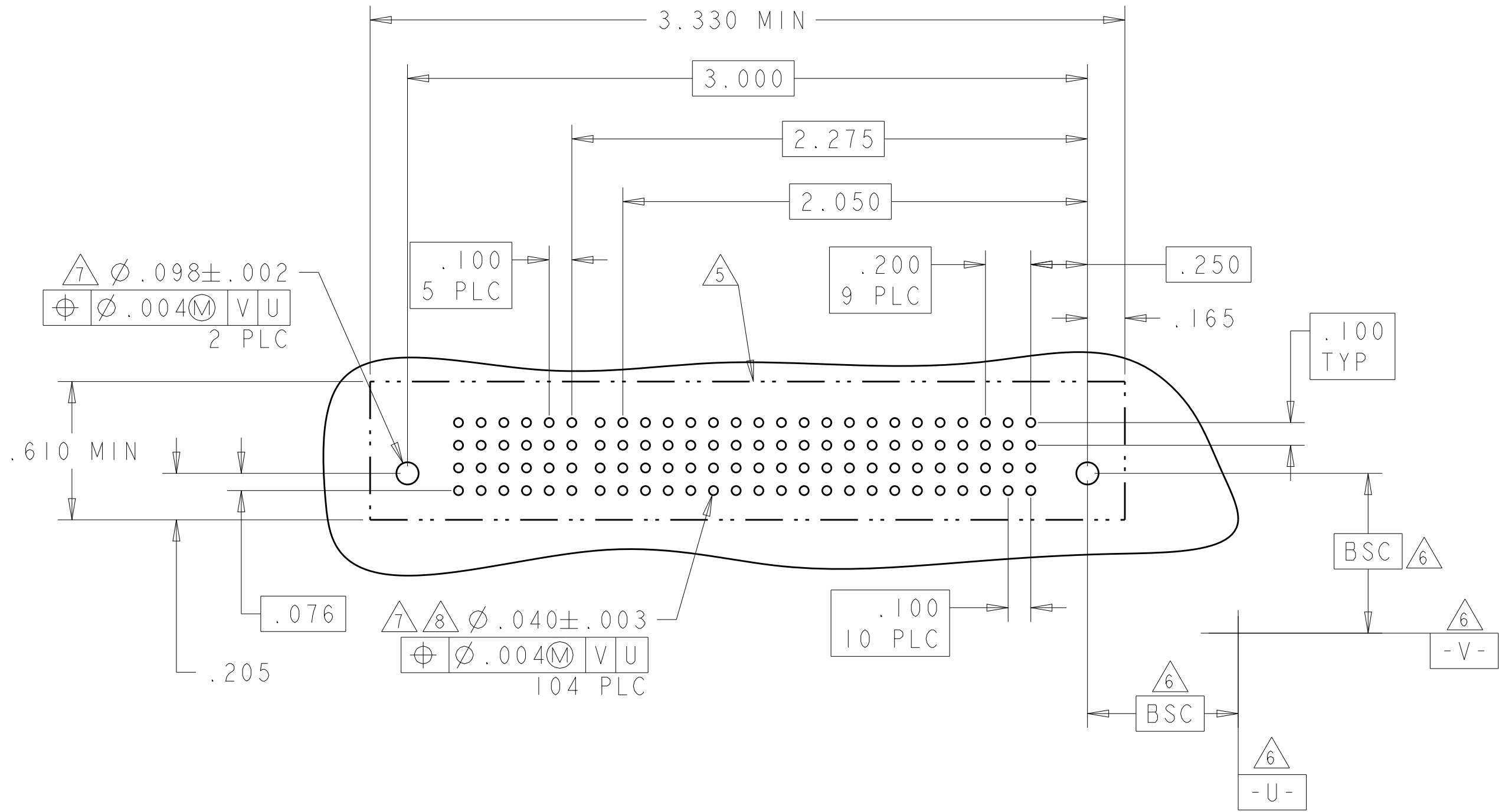
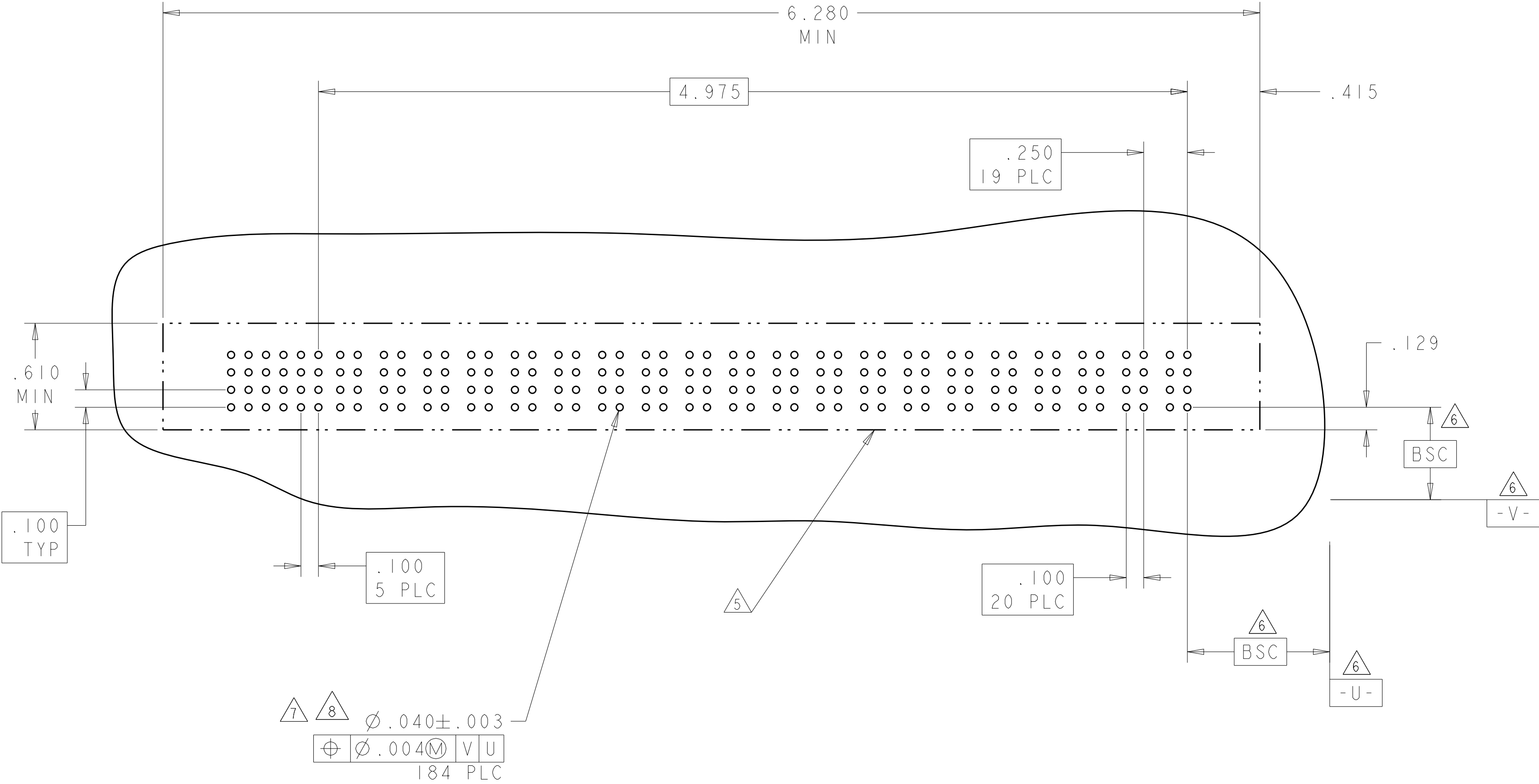
TE Connectivity

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

PART NUMBER	ROWS		SIGNAL						POWER			
			6	5	4	3	2	1	P2	P1		
1-6450542-1	D		AP	AP	AP	AP	AP	AP	GP	GP		
	C		AP	AP	AP	AP	AP	AP				
	B		AP	AP	AP	AP	AP	AP				
	A		AP	AP	AP	AP	AP	AP				
2P + 24S												



PART NUMBER	ROWS		SIGNAL						POWER																																								
			6	5	4	3	2	1	P20	P19	P18	P17	P16	P15	P14	P13	P12	P11	P10	P9	P8	P7	P6	P5		P4	P3	P2	P1																				
1-6450542-2	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	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	
20P + 24S																																																	



PART NUMBER	ROWS		SIGNAL							POWER													
			6	5	4	3	2	1	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1					
1-6450542-5	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	AP	AP	AP	AP														
10HDP + 24S																							

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 ±.002
ANGLES ±.2°

FINISH

DWN R. GRZYBOWSKI 28FEB95
CHK M. PERCHERKE 28FEB05
APVD M. PERCHERKE

PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038

WEIGHT

CUSTOMER DRAWING

NAME
VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450542

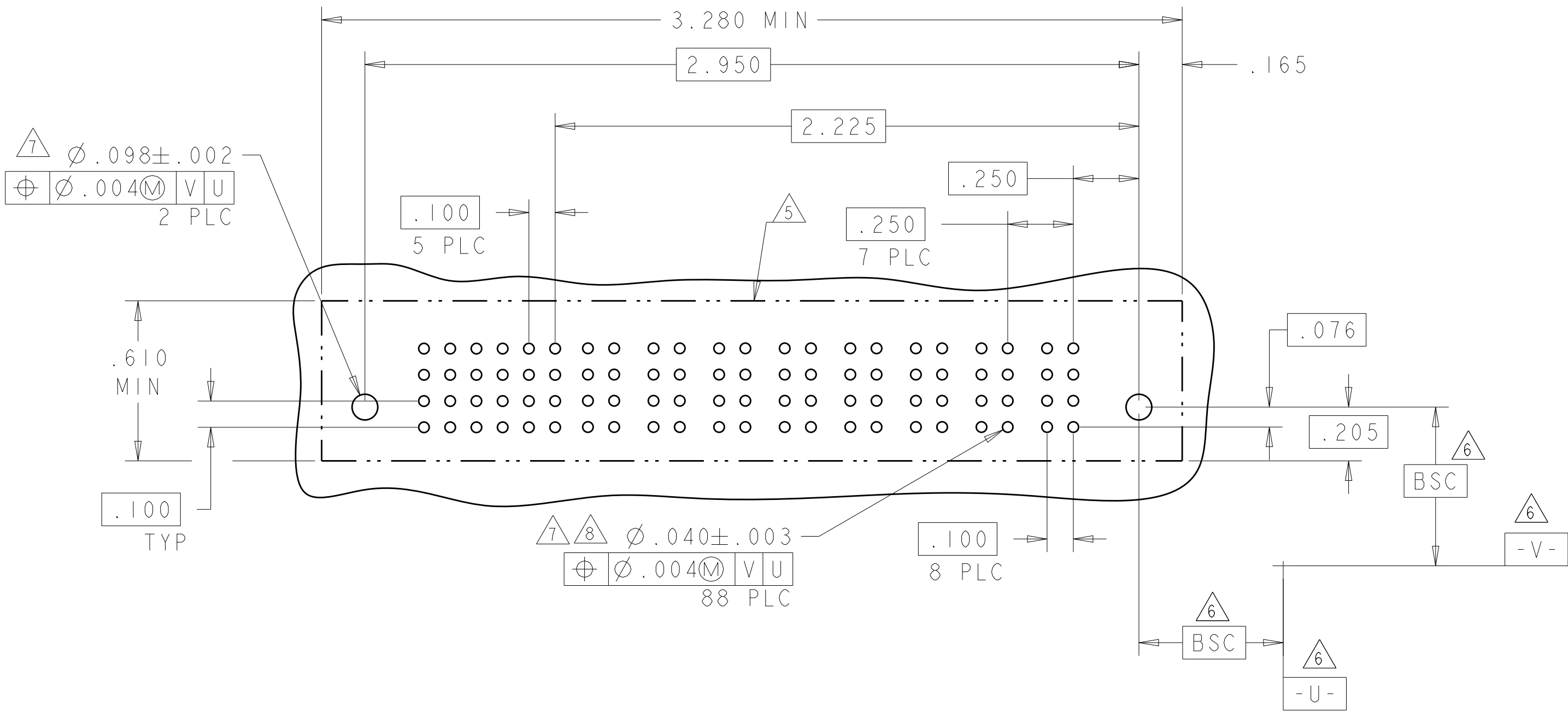
RESTRICTED TO

SCALE
4:1

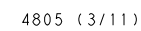
SHEET
5

OF
10

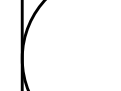
REV
H2

[illegible]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 28FEB95		TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		CHW M. PERCHERKE 28FEB05		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		APVD M. PERCHERKE			
		PRODUCT SPEC 108-1973			
		APPLICATION SPEC 114-13038			
MATERIAL		FINISH		SIZE CAGE CODE DRAWING NO	
-		-		A 100779 © 6450542	
		WEIGHT		RESTRICTED TO	
		-		-	
		CUSTOMER DRAWING		SCALE 4:1 SHEET 6 OF 10 REV H2	



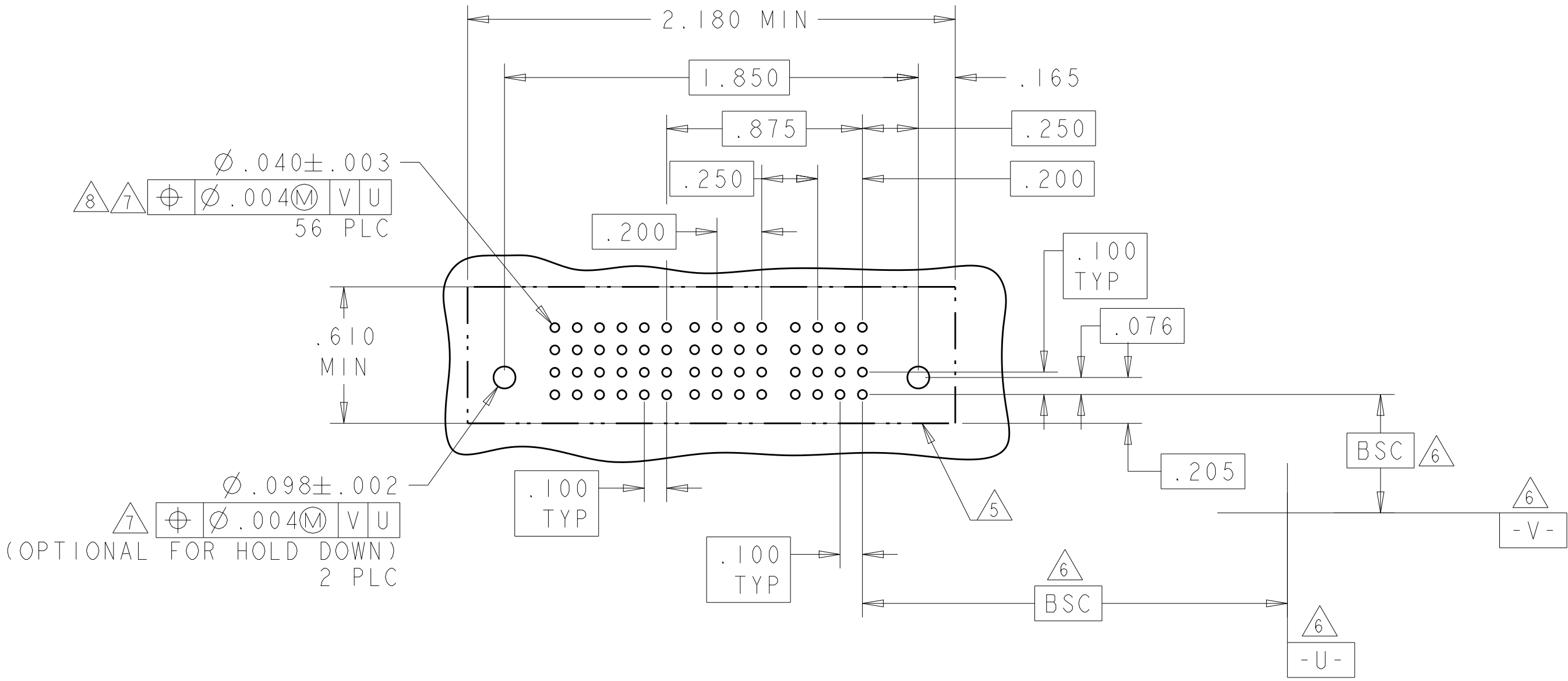
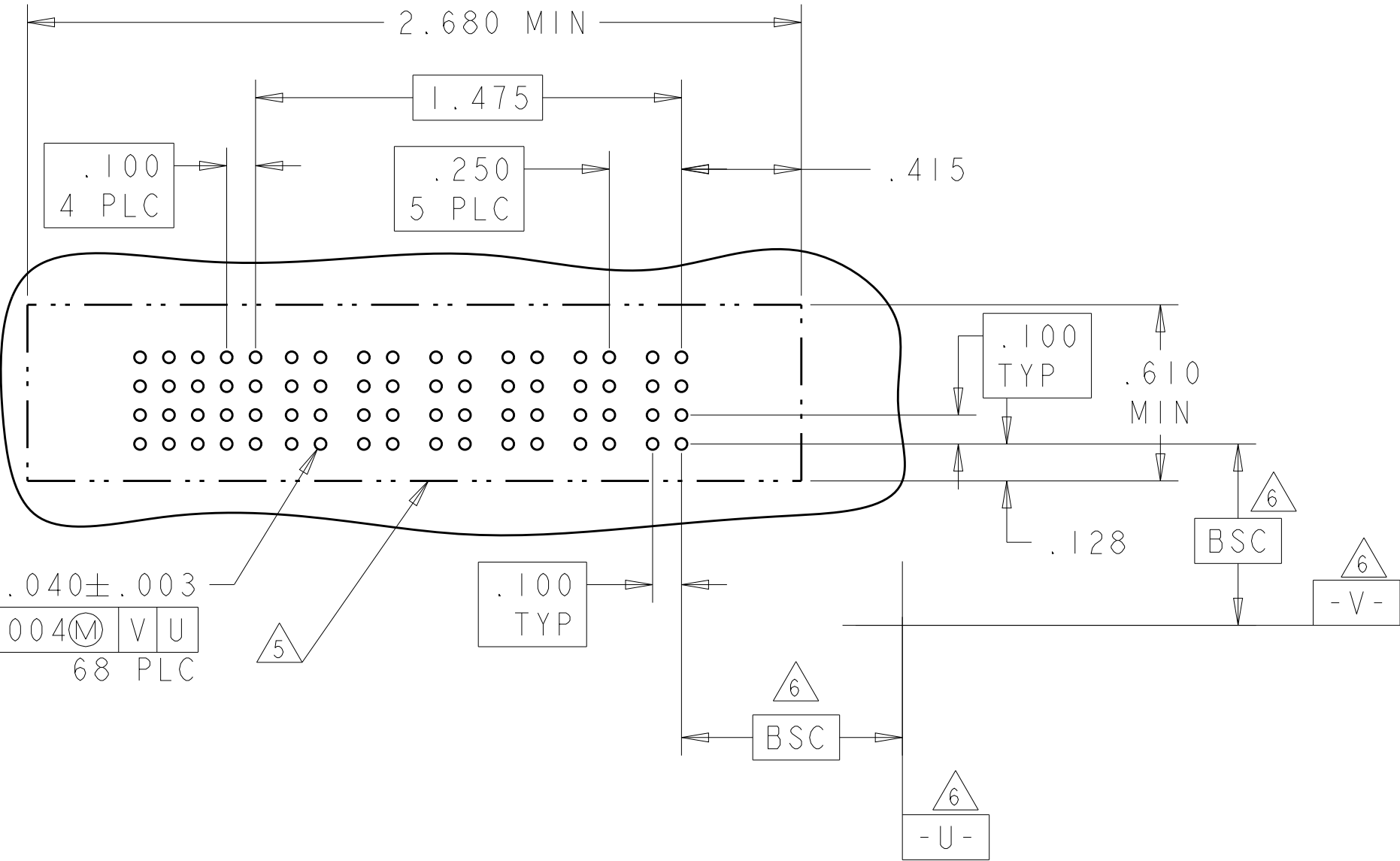
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

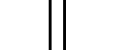
PART NUMBER	ROWS		SIGNAL						POWER				
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1-6450542-9	D C B A		AP	AP	AP	AP	AP	AP					
			AP	AP	AP	AP	AP	AP					
			AP	AP	AP	AP	AP	AP					
			AP	AP	AP	AP	AP	AP					
4P + 24S													

.250

.200
2 PLC

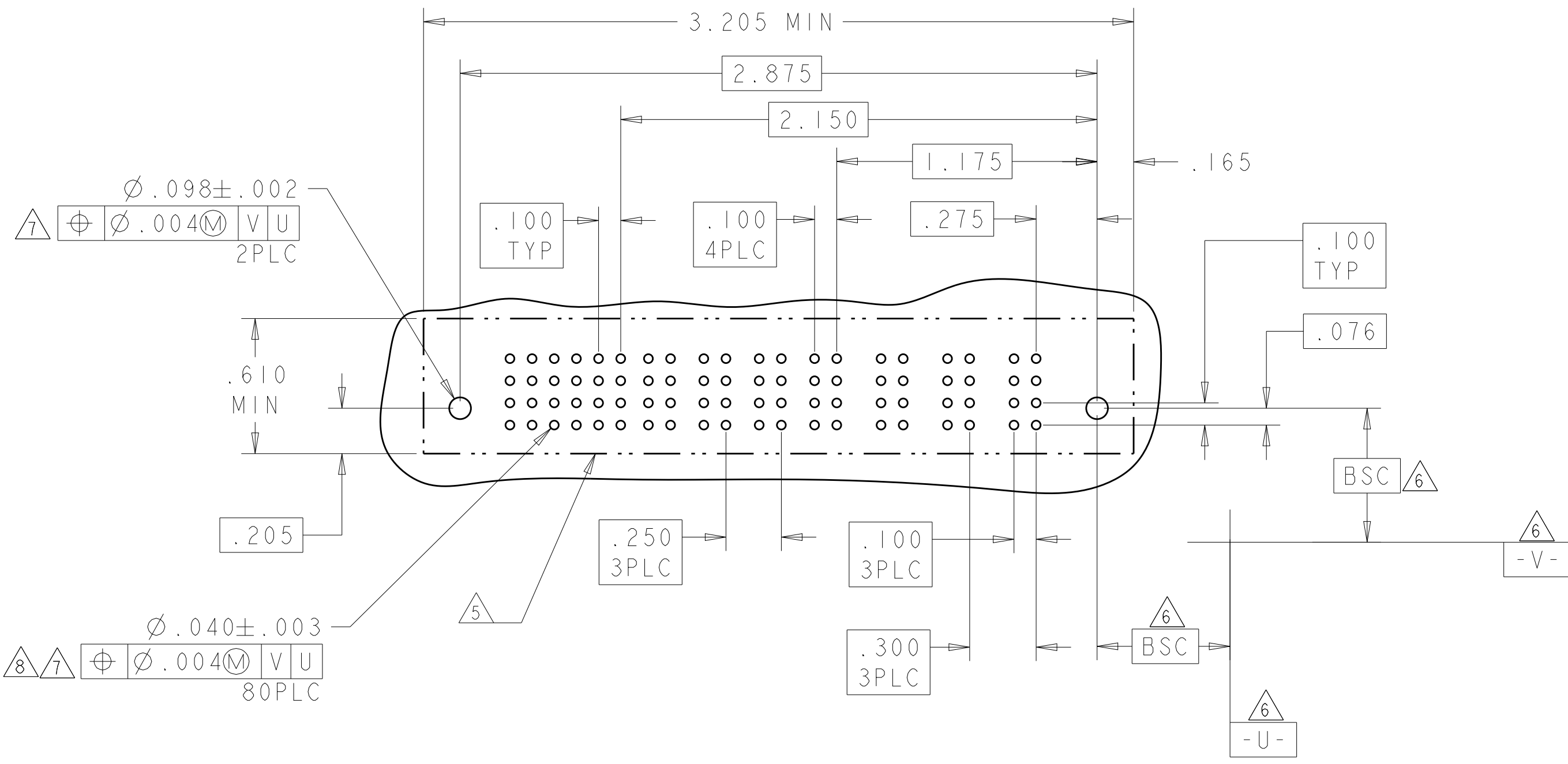
ASSY PART NUMBER	ROWS		SIGNAL					POWER							
			5	4	3	2	1	P6	P5	P4	P3	P2	P1		
2-6450542-0	D C B A		AP	AP	AP	AP	AP								
			AP	AP	AP	AP	AP								
			AP	AP	AP	AP	AP								
			AP	AP	AP	AP	AP								
6P + 20S															



PART NUMBER	ROWS		SIGNAL						POWER								
			6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1		
2-6450542-4	D C B A		AP	AP	AP	AP	AP	AP	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									
3ACP + 4P + 24S																	

.300
3PLC

.250
3PLC



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 28FEB95
CHK M.PERCHEKKE 28FEB05
APVD M.PERCHEKKE

PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT

CUSTOMER DRAWING

NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE A1
CAGE CODE 00779
DRAWING NO. 6450542

RESTRICTED TO

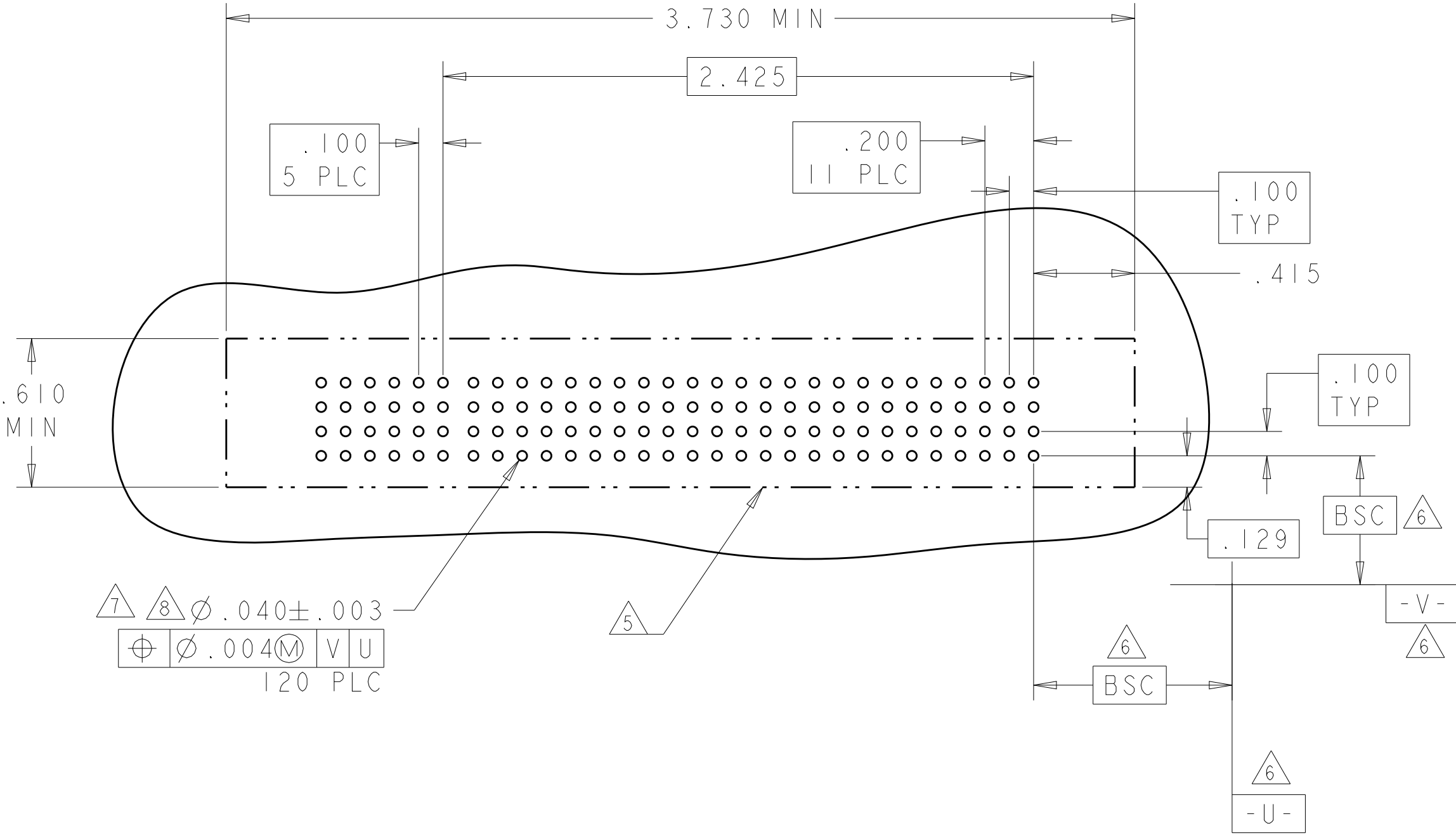
SCALE 4:1

SHEET 7 OF 10

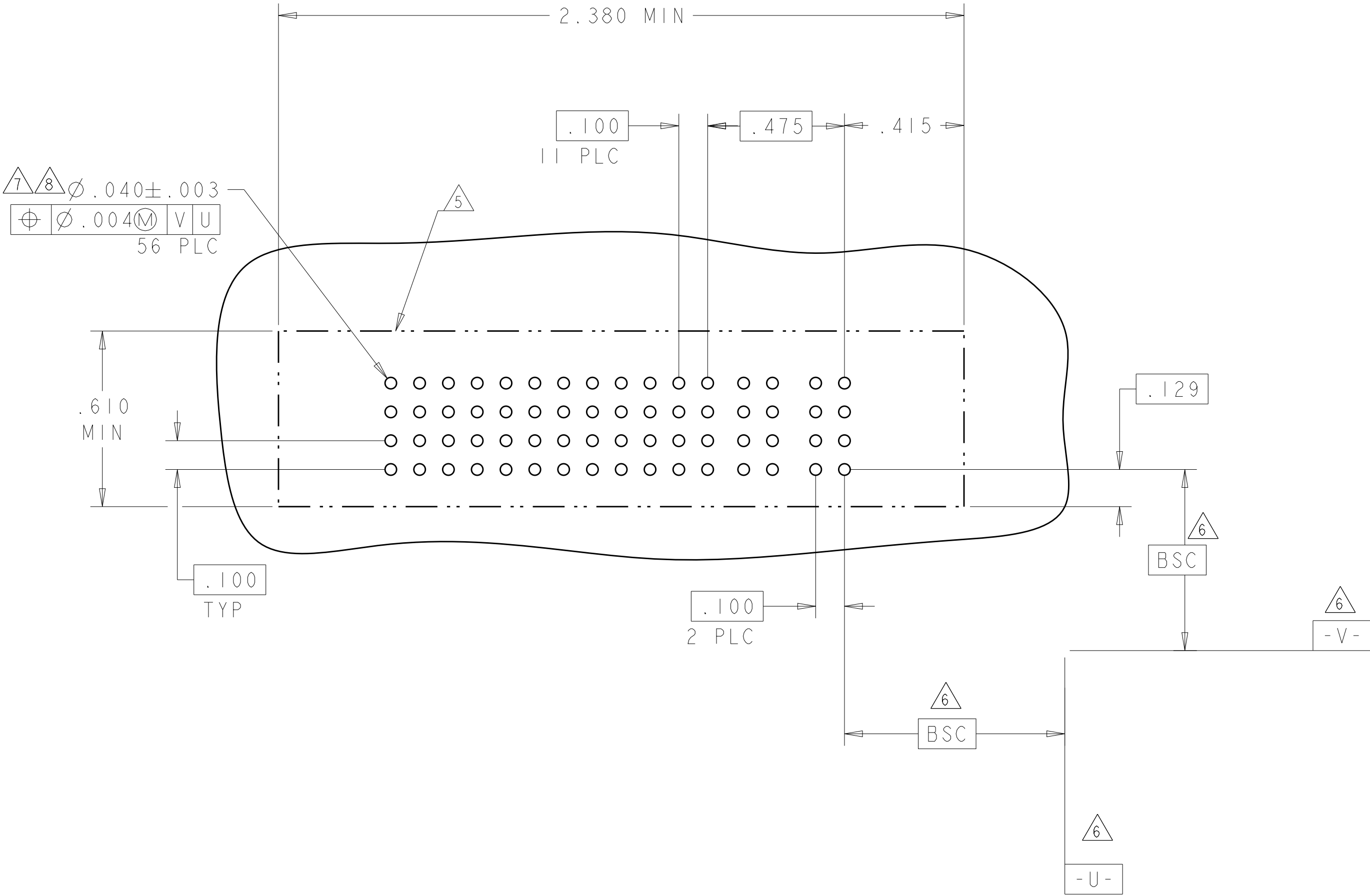
REV H2

LOC		DIST		REVISONS			
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		SIGNAL						POWER												
			6	5	4	3	2	1	P12	P11	P10	P09	P08	P07	P06	P05	P04	P03	P02	P01	
2-6450542-5	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													
12HDP + 24S																					



ASSY PART NUMBER	ROWS		S I G N A L												P O W E R		
			12	11	10	9	8	7	6	5	4	3	2	1	P2	P1	
1 - 6 4 5 0 5 4 2 - 4	D C B A		AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	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			
2 P + 4 8 S																	



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

28FEB95
28FEB05

DIMENSIONS:
INCHES

0 PLC ±
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

NAME
VERTICAL RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL

SIZE
A100779

CAGE CODE
C=6450542

DRAWING NO

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
4:1

SHEET
8

OF
10

REV
H2

TE Connectivity

Technical drawing of a mechanical part, likely a bracket or plate, showing dimensions and tolerances. The drawing includes a top view and a side view.

Top View Dimensions:

- Overall width: 4.805 MIN
- Overall height: .610 MIN
- Distance from left edge to center of hole pattern: 1.800
- Distance between hole patterns: 1.200
- Distance from right edge to center of hole pattern: .415
- Distance from center of hole pattern to right edge: .400
- Distance from center of hole pattern to right edge: .100 TYP
- Distance from center of hole pattern to right edge: .200 4 PLC
- Distance from center of hole pattern to right edge: .100 7 PLC
- Distance from center of hole pattern to right edge: .100 TYP

Side View Dimensions:

- Overall height: .610 MIN
- Distance from top edge to center of hole pattern: .100 TYP
- Distance from center of hole pattern to bottom edge: .100 TYP
- Distance from center of hole pattern to bottom edge: .200 4 PLC
- Distance from center of hole pattern to bottom edge: .100 7 PLC
- Distance from center of hole pattern to bottom edge: .100 TYP

Feature Callouts:

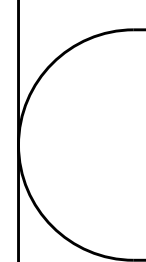
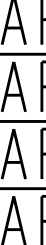
- Feature 8: $\varnothing .040$
- Feature 7: $\varnothing .004$
- Feature 6: BSC
- Feature 5: SC
- Feature 4: -U-
- Feature 3: -V-

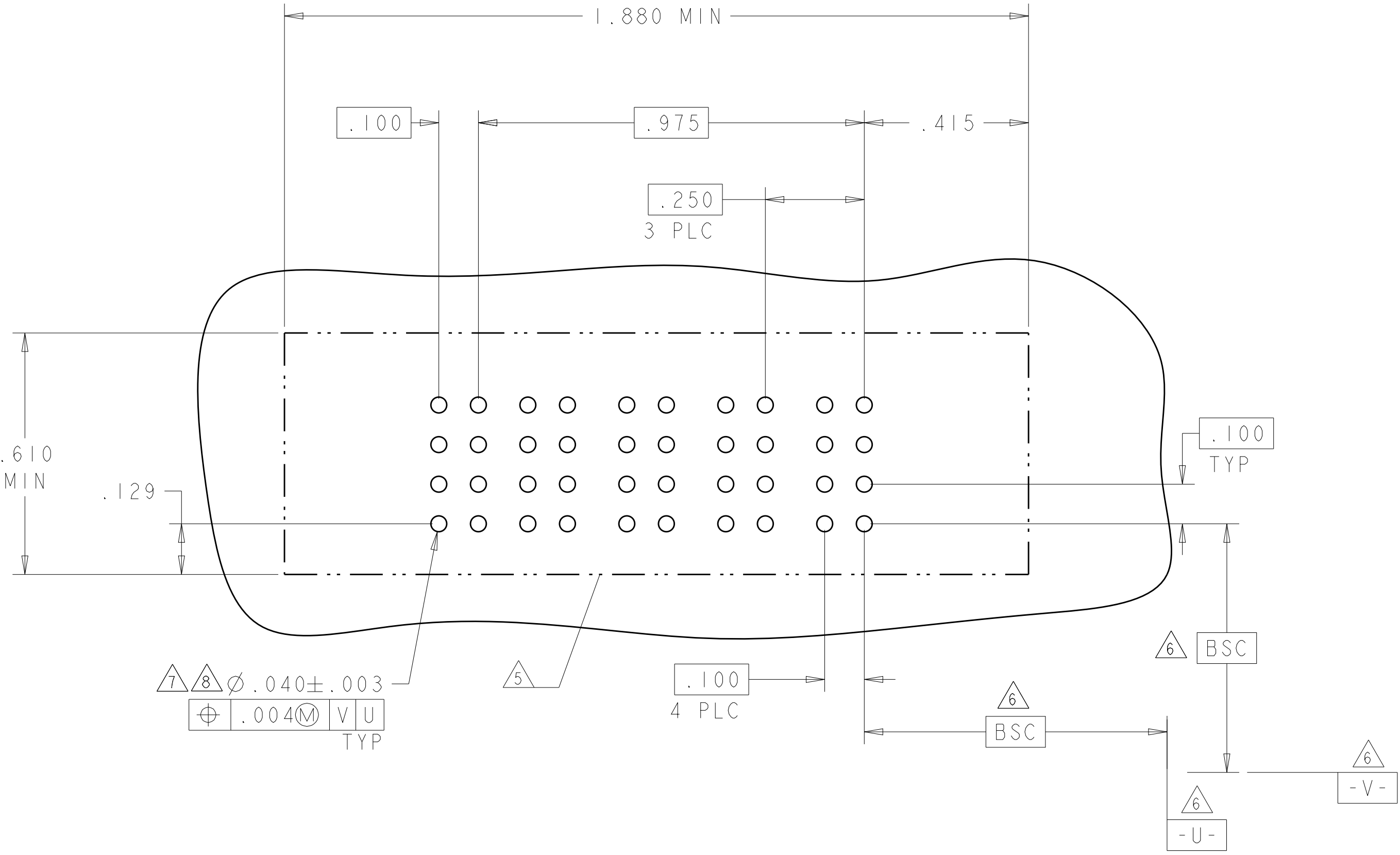
Material and Tolerances:

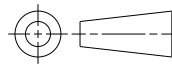
- Material: 148 PLC
- Tolerance: .040
- Surface finish: V U

4805 (3/11)

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

PART NUMBER	ROWS		SIGNAL		POWER				
			2	1	P4	P3	P2	P1	
2-6450542-9	D C B A		AP	AP					
			AP	AP					
			AP	AP					
			AP	AP					
4P + 8S									



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHEKKE APVD M.PERCHEKKE	28FEB95 28FEB05 -
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
		0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH	$\pm .01$ $\pm .01$ $\pm .005$ $\pm .0020$ $\pm 2^\circ$ -
MATERIAL -		WEIGHT -	
CUSTOMER DRAWING		NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
SIZE A1		CAGE CODE 100779	DRAWING NO. 6450542
SCALE 4:1		SHEET 10	REV H2

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

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