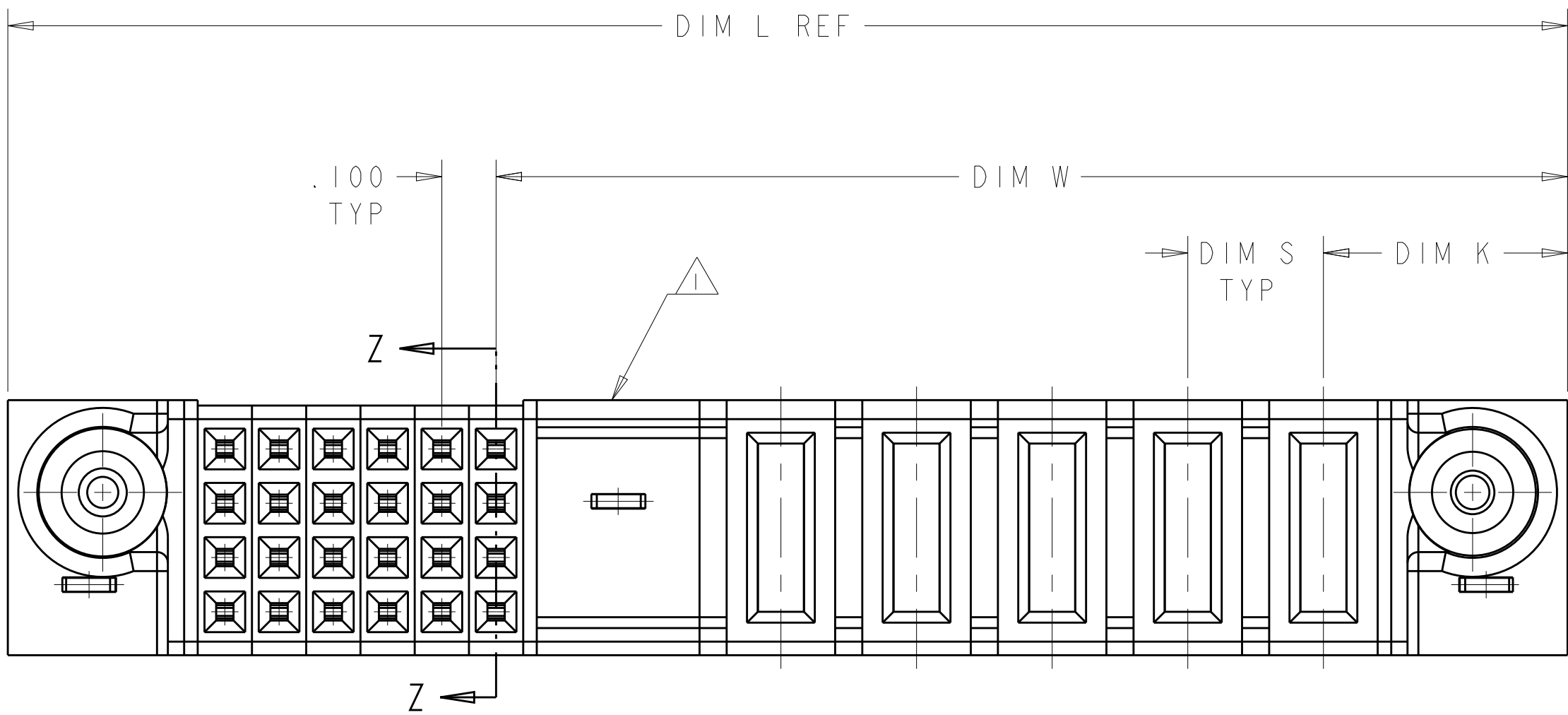
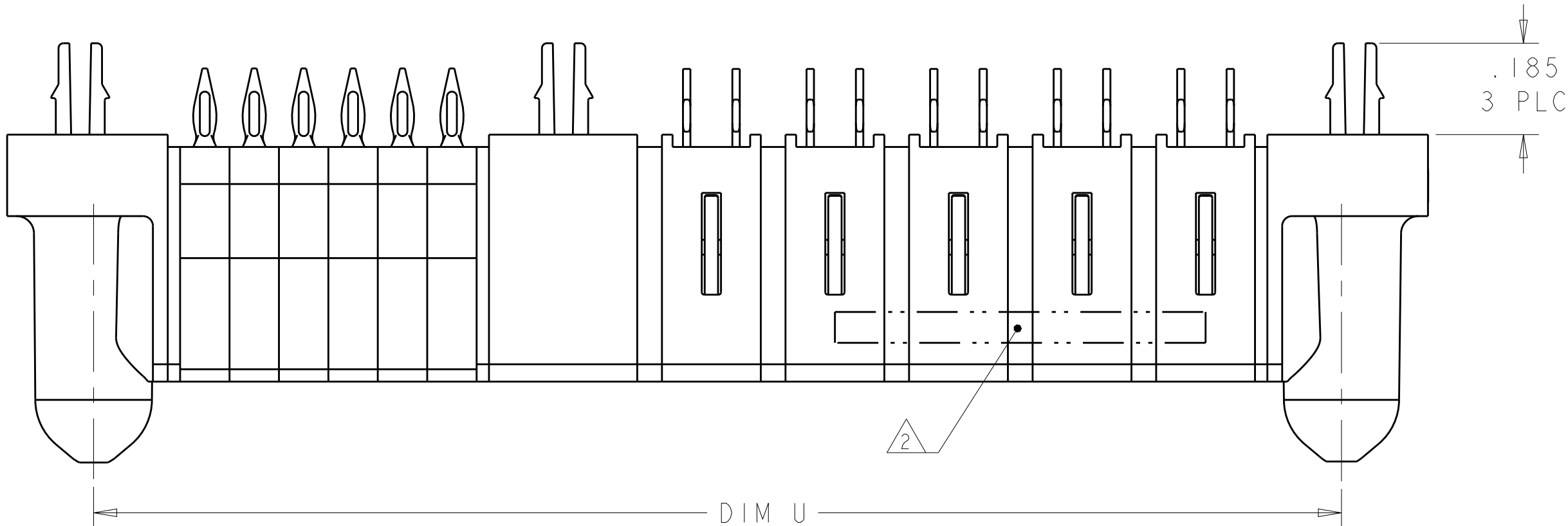
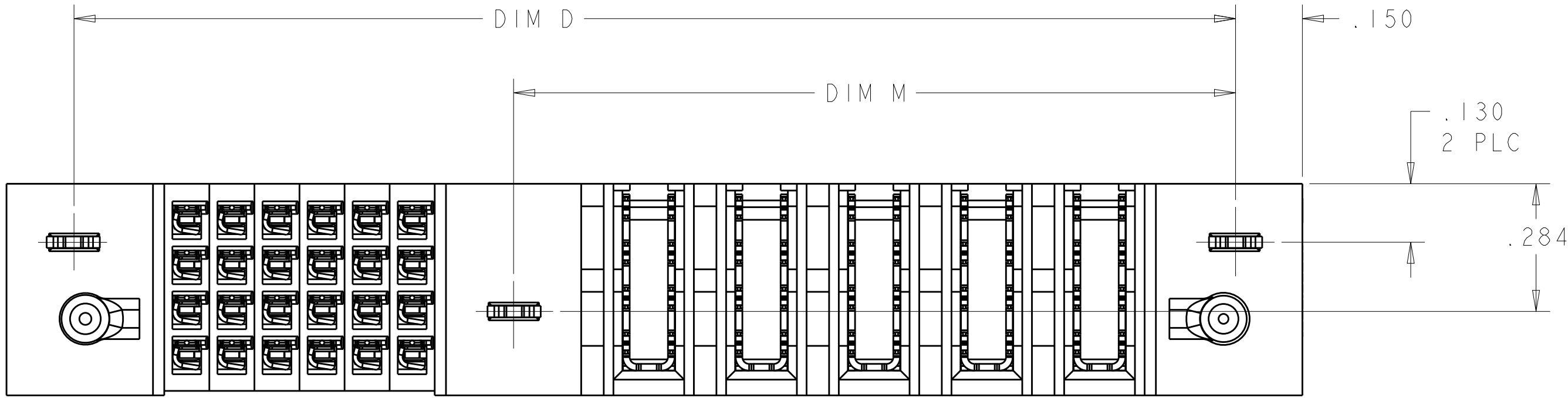
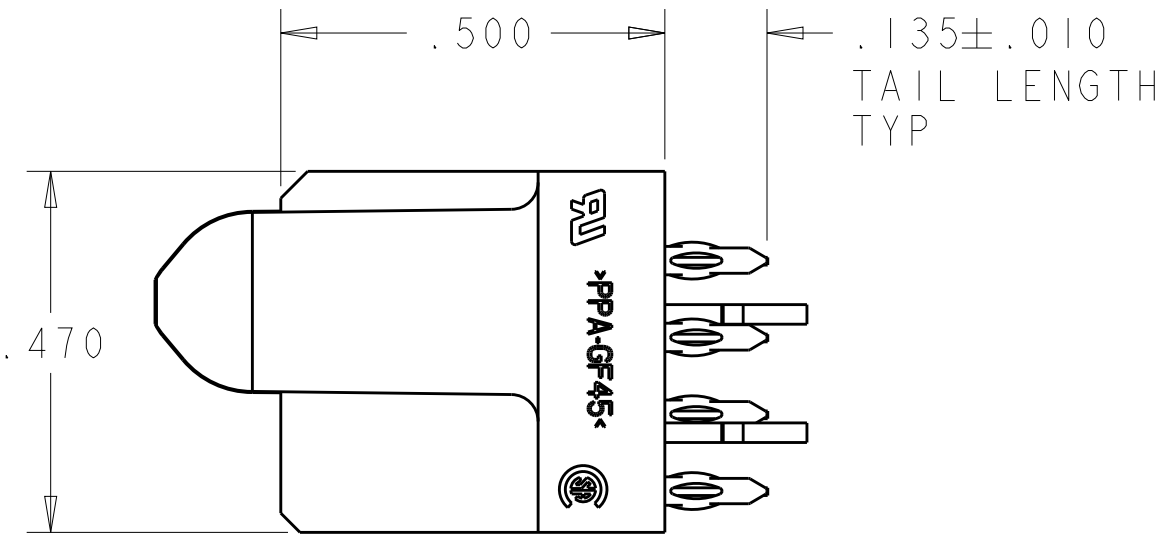
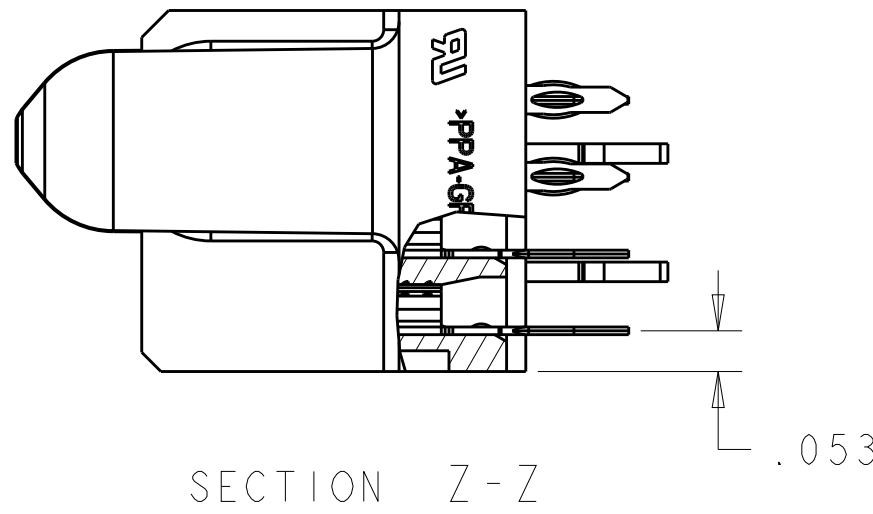


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		G7	REV PER ECR-09-008079	08APR2009	OL	SY
			H	REV PER ECR-12-003783	28FEB2012	CZ	SZ
			H2	ADD NEW PART -29	28JAN2015	AY	SZ



- 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.

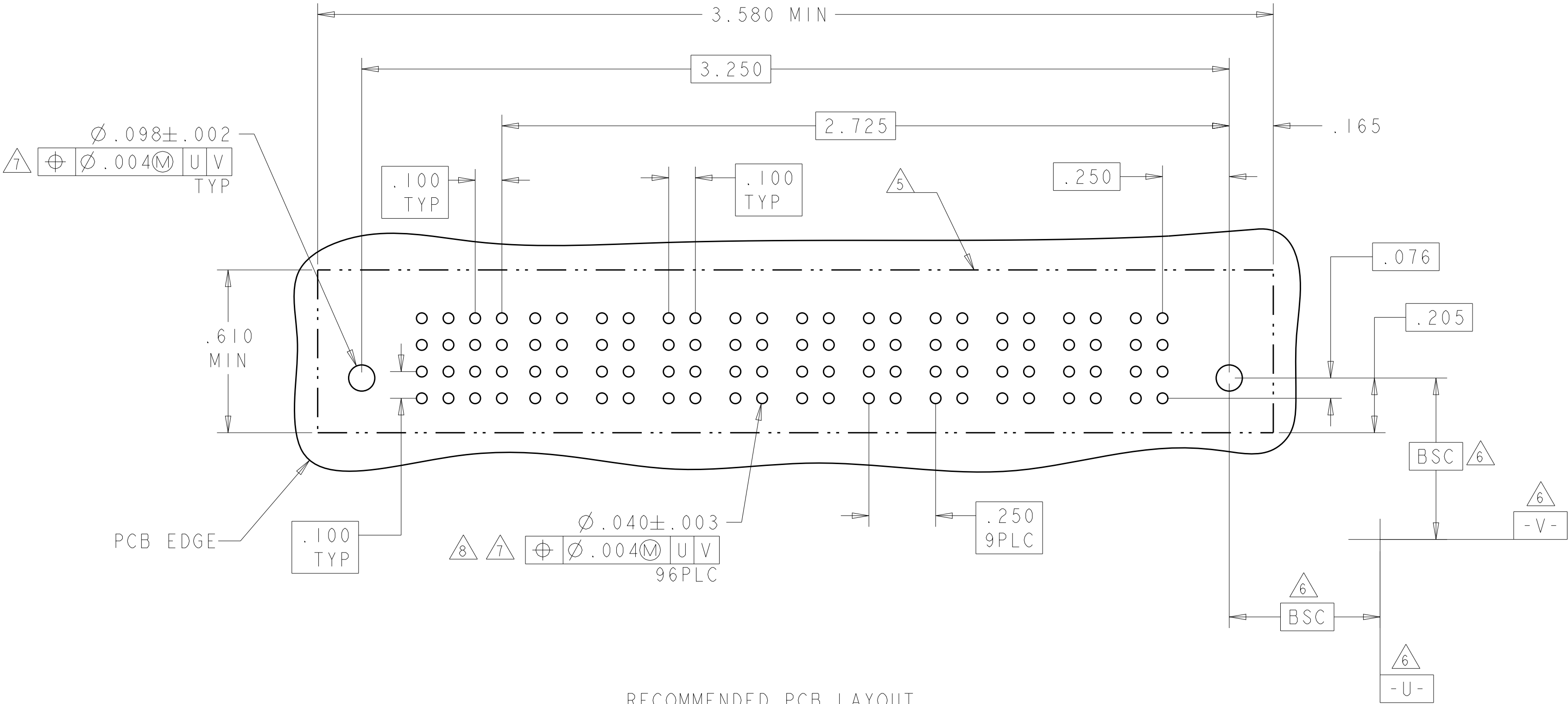


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHERKE APVD M.PERCHERKE	28FEB05 28FEB05	TE Connectivity	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME	VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 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	SHEET	REV
			4:1	1	H2

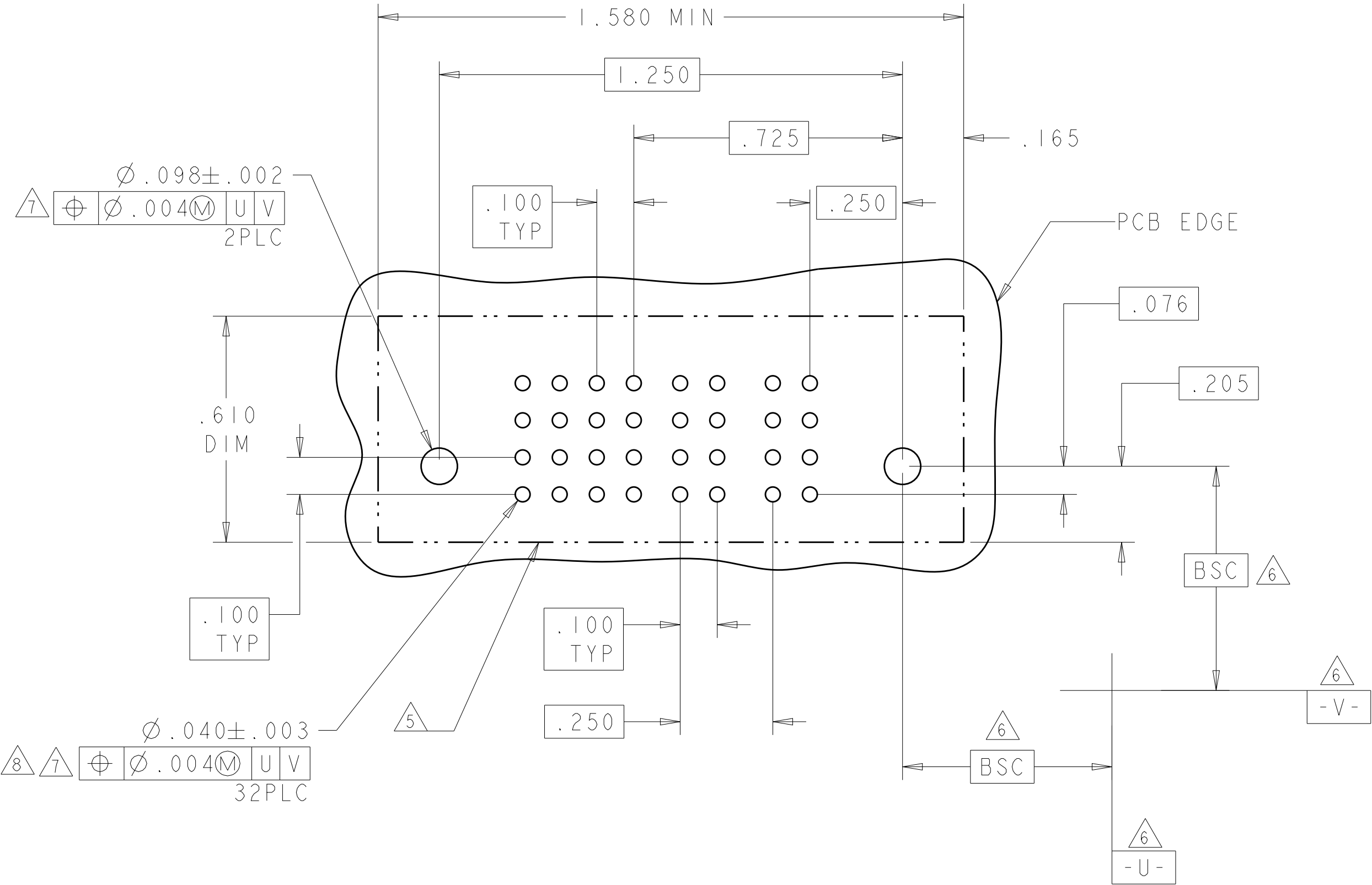
LOC		DIST		REVISIONS			
ES		00		P	LTR	DESCRIPTION	DATE
				-	-	SEE SHEET 1	-

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									



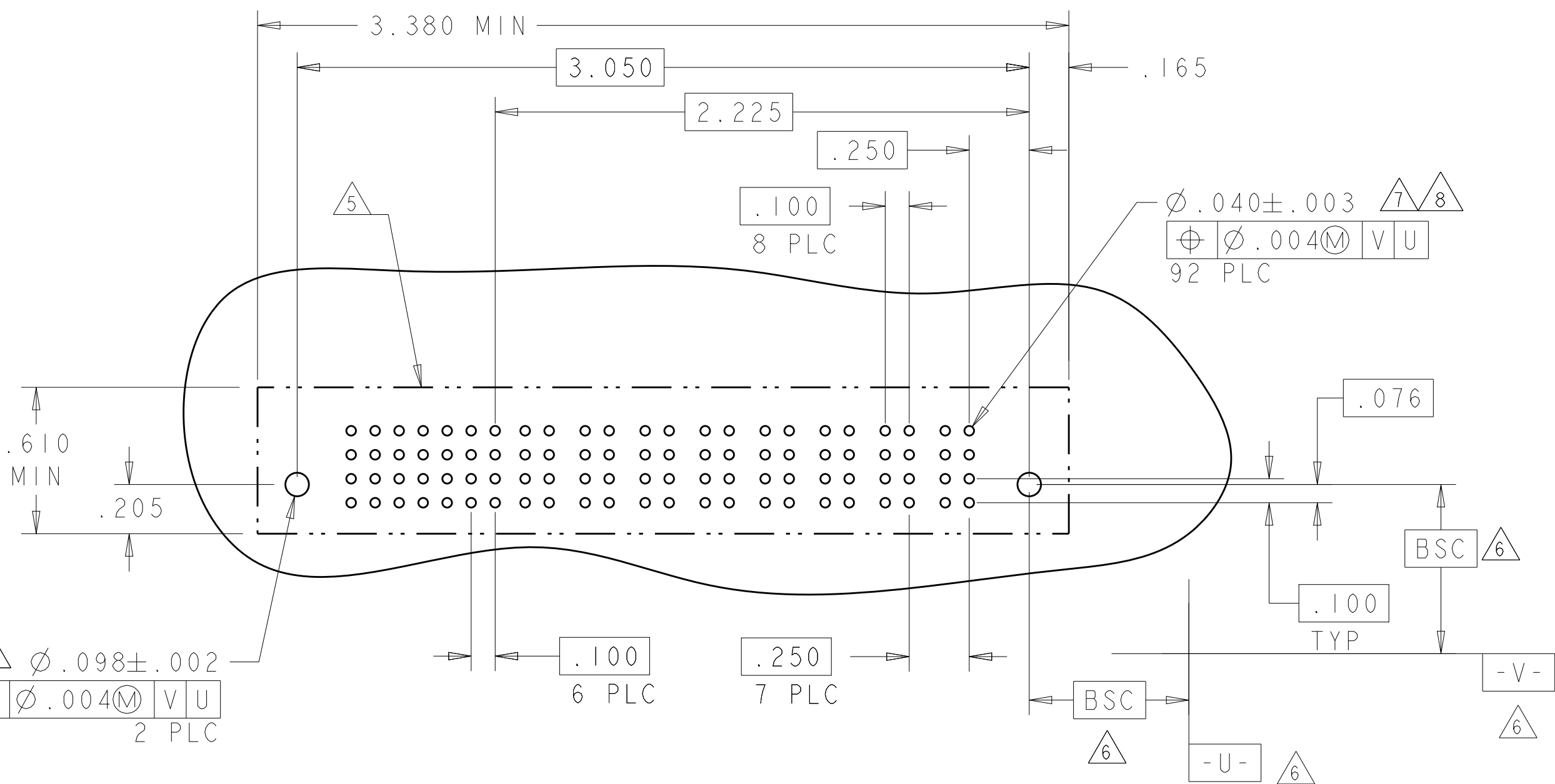
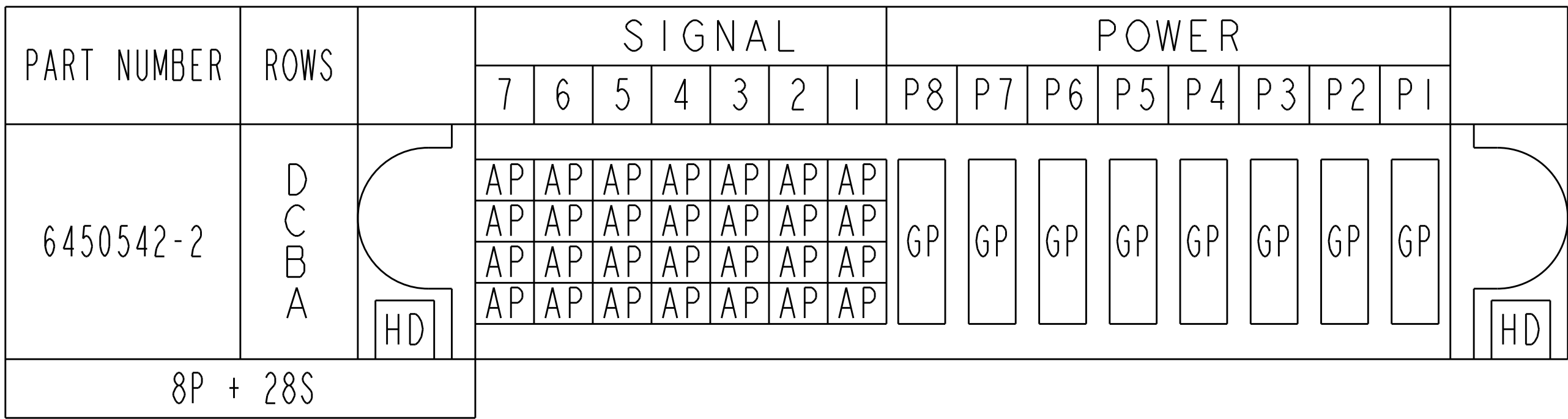
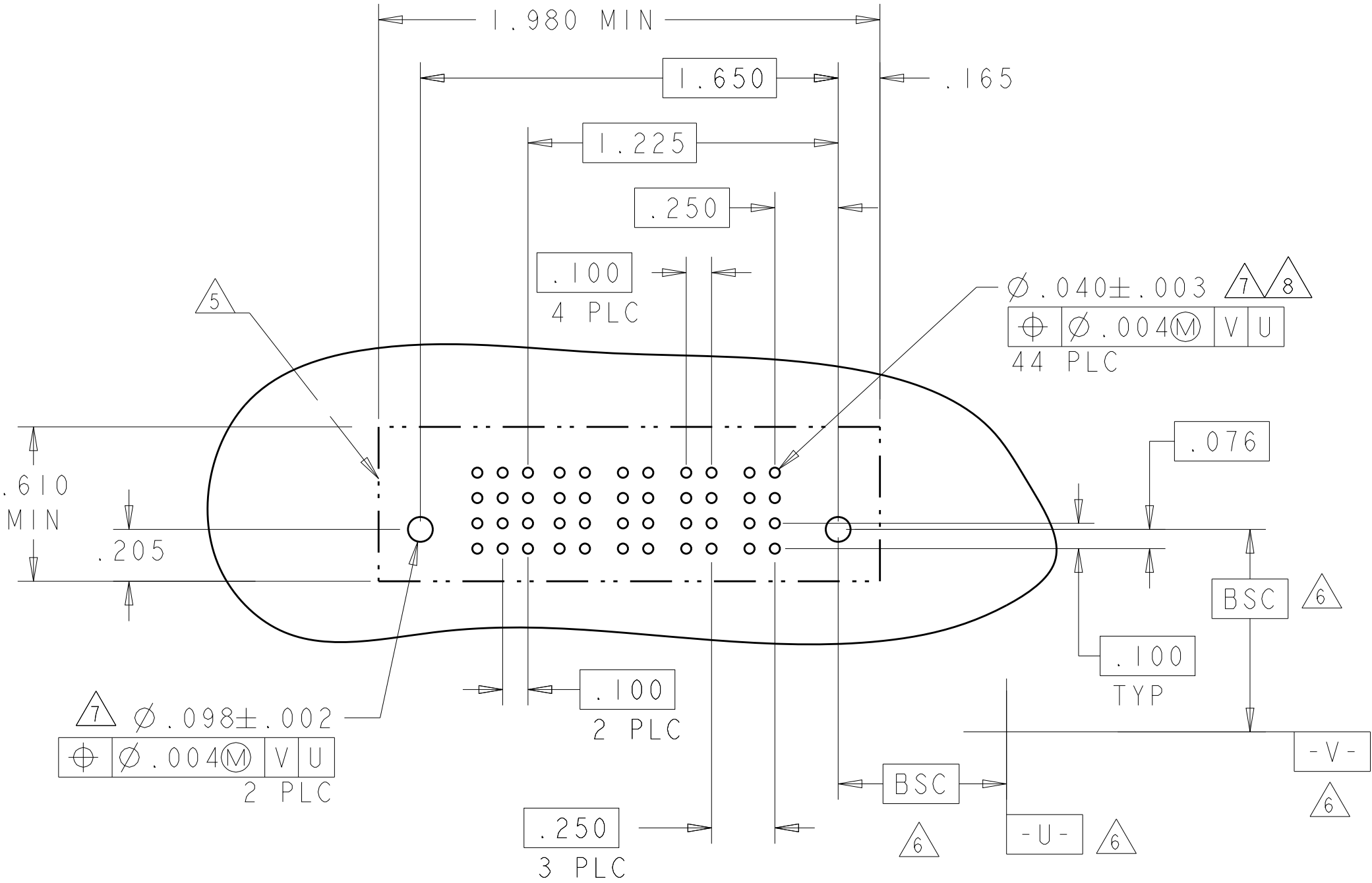
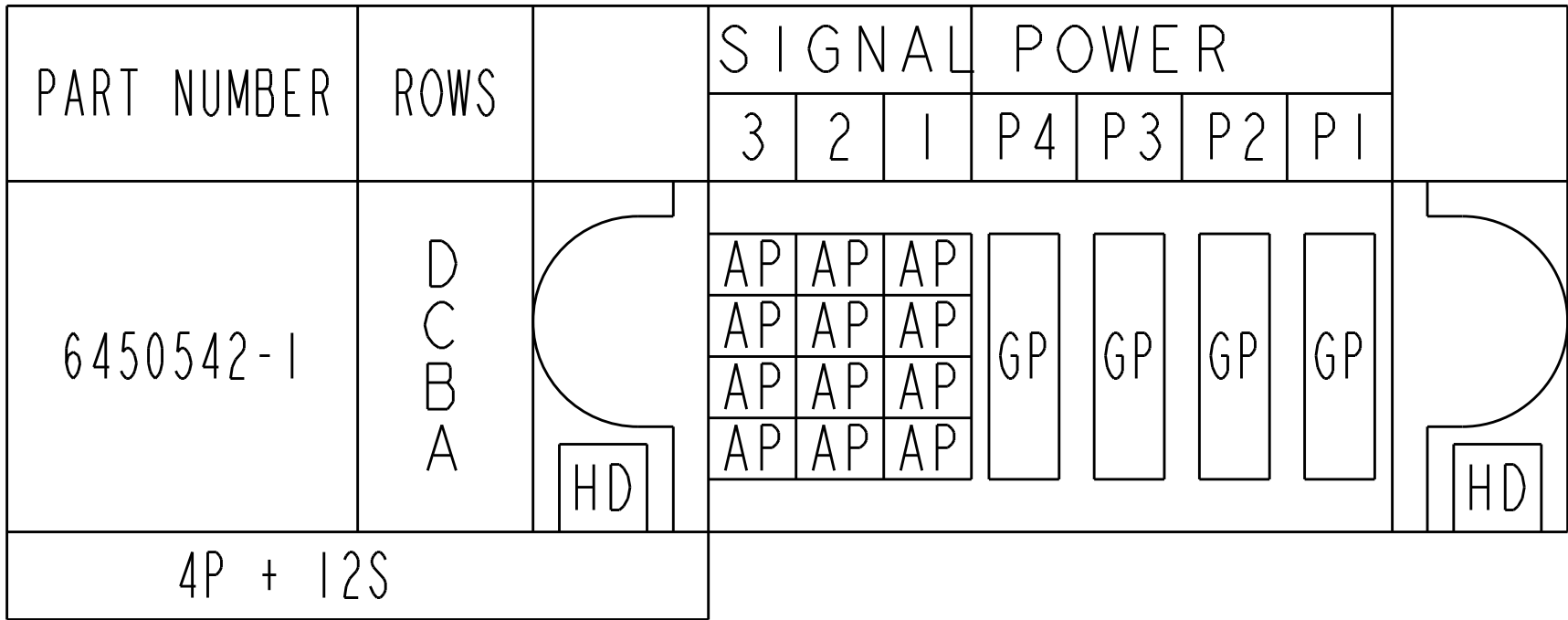
RECOMMENDED PCB LAYOUT
6450542-22



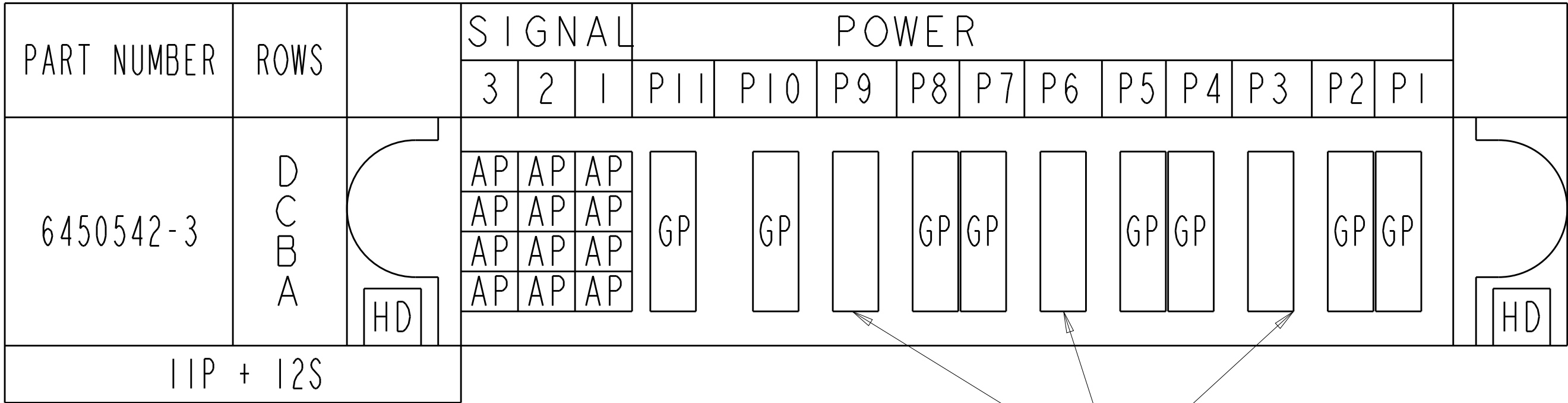
RECOMMENDED PCB LAYOUT
6450542-23

H2	RECOMMENDED PCB LAYOUT 6450542-23							
	1.500	.250	1.375	1.550	-	1.850	.450	4P + 8S
	4.425	.200	2.200	4.475	-	4.775	.450	9P + 92S
	3.350	.200	2.825	3.400	-	3.700	.450	12HDP + 24S
	2.825	.250	2.300	2.875	-	3.175	.475	3ACP + 4P + 24S
	1.200	.250	.875	1.250	-	1.550	.450	2P + 16S
	3.200	.250	2.875	3.250	-	3.550	.450	10P + 16S
	2.300	.250	1.875	2.350	-	2.650	.450	6P + 20S
	1.800	.250	1.275	1.850	-	2.150	.450	4P + 24S
	2.900	.250	2.375	2.950	-	3.250	.450	8P + 24S
	2.100	.250	1.375	2.150	-	2.450	.450	4P + 32S
	2.100	.250	1.875	2.150	-	2.450	.450	6P + 12S
	2.900	.200	2.425	3.000	-	3.300	.450	10HDP + 24S
	2.000	.250	.875	-	-	2.350	.450	2P + 48S
	5.900	.250	5.375	5.950	-	6.250	.450	20P + 24S
	1.400	.250	.875	1.450	-	1.750	.450	2P + 24S
	1.100	-	.575	1.150	-	1.450	.425	1P + 24S
	4.425	.250	3.875	4.475	-	4.775	.450	14P + 24S
	3.050	.250	2.125	3.100	-	3.400	.450	7P + 40S
	3.800	-	3.550	3.850	-	4.150	.475	11P + 12S
	3.800	-	3.550	3.850	-	4.150	.475	11P + 12S
	3.000	.250	2.375	3.050	-	3.350	.450	8P + 28S
	1.600	.250	1.375	1.650	-	1.950	.450	4P + 12S
	DIM U	DIM S	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION
								PART NUMBER

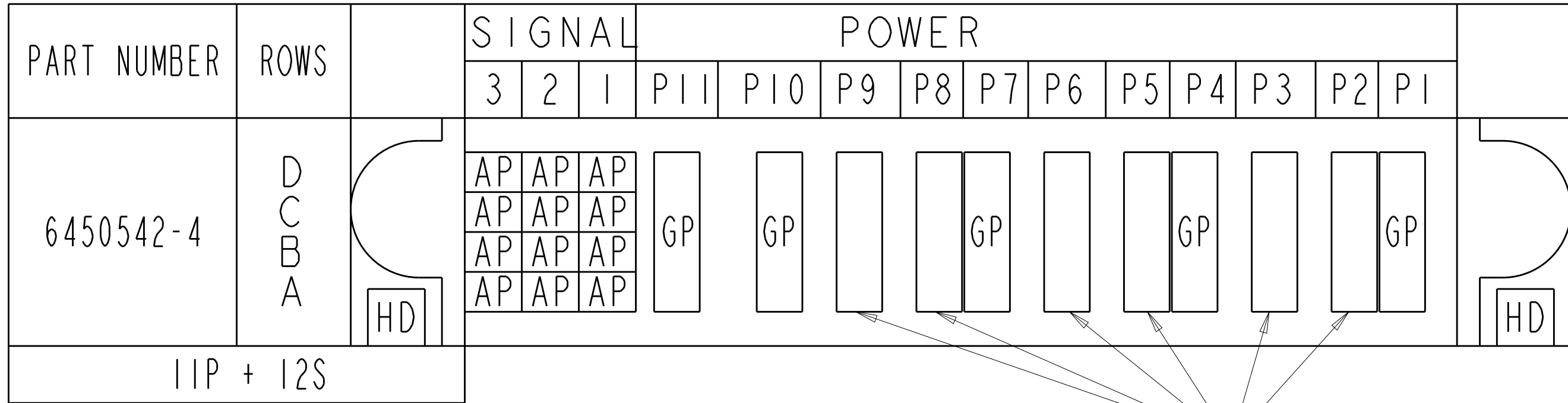
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DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.0020		PRODUCT SPEC 108-1973	
MATERIAL		FINISH		APPLICATION SPEC 114-13038	
				WEIGHT	
				CUSTOMER DRAWING	
				SIZE CAGE CODE DRAWING NO A100779C=6450542	
				RESTRICTED TO	
				SCALE 4:1 SHEET 2 OF 10 REV H2	



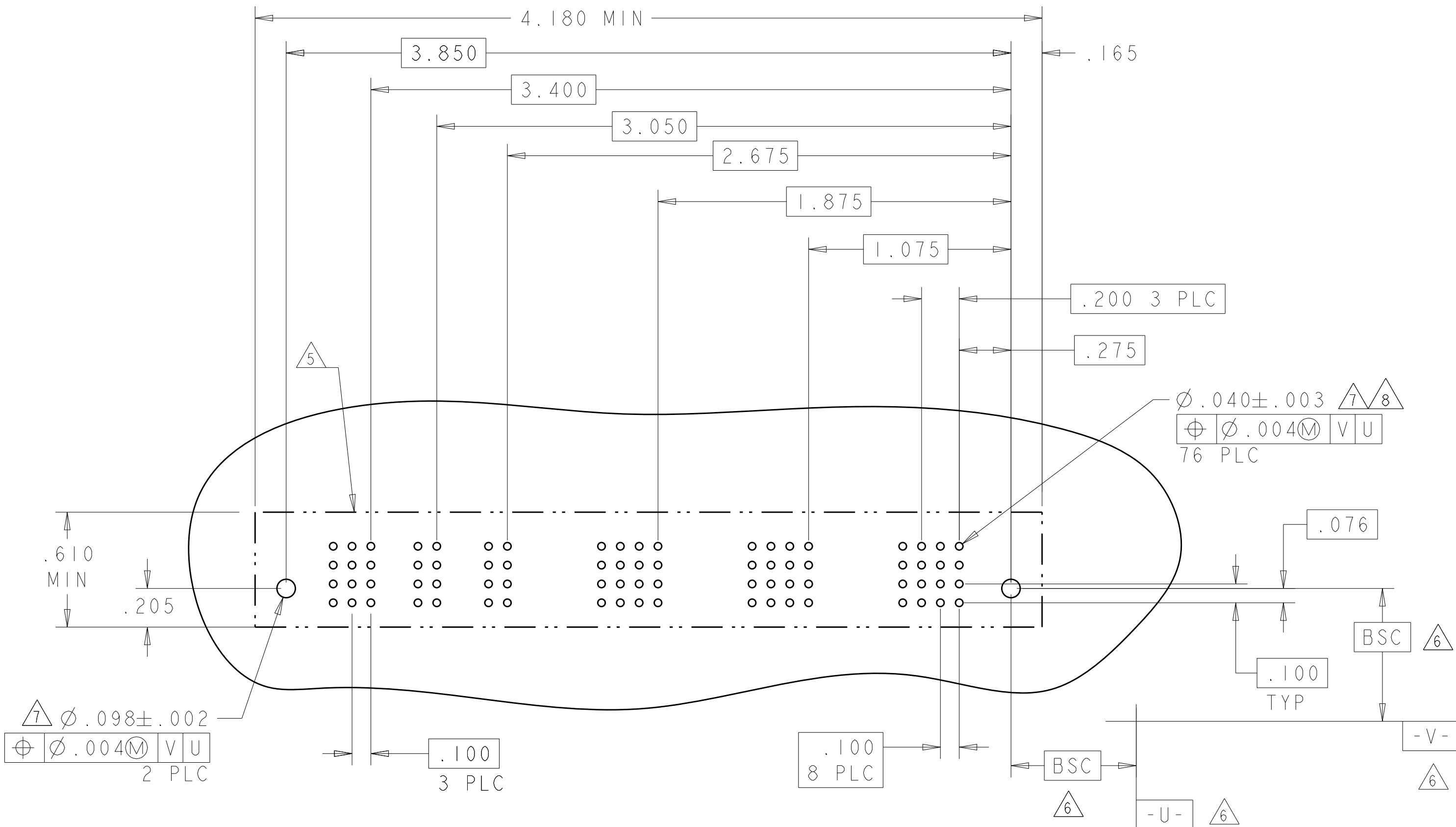
LOC		DIST		REVISIONS					
ES		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET I	-	-	-



NO CONTACTS LOADED



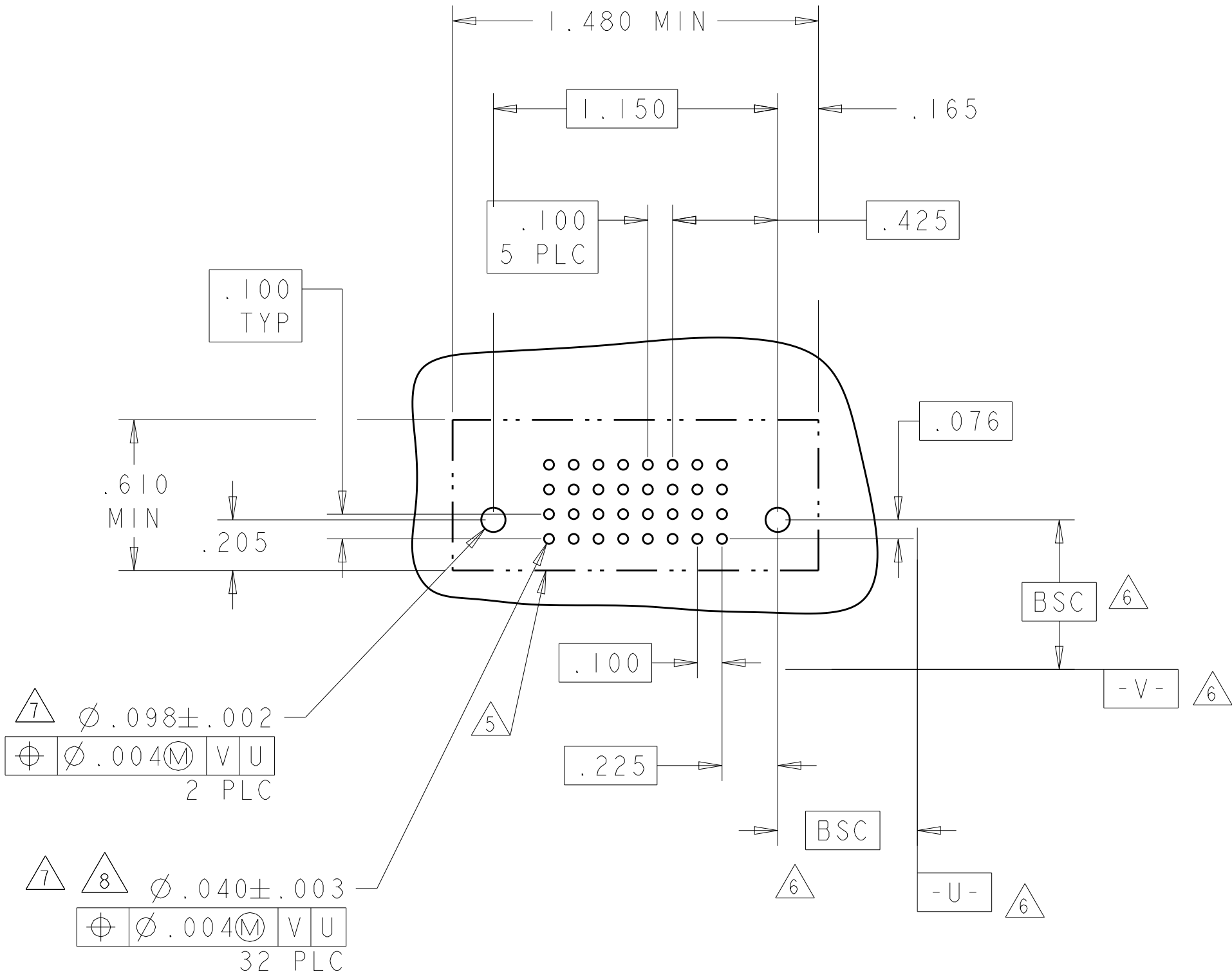
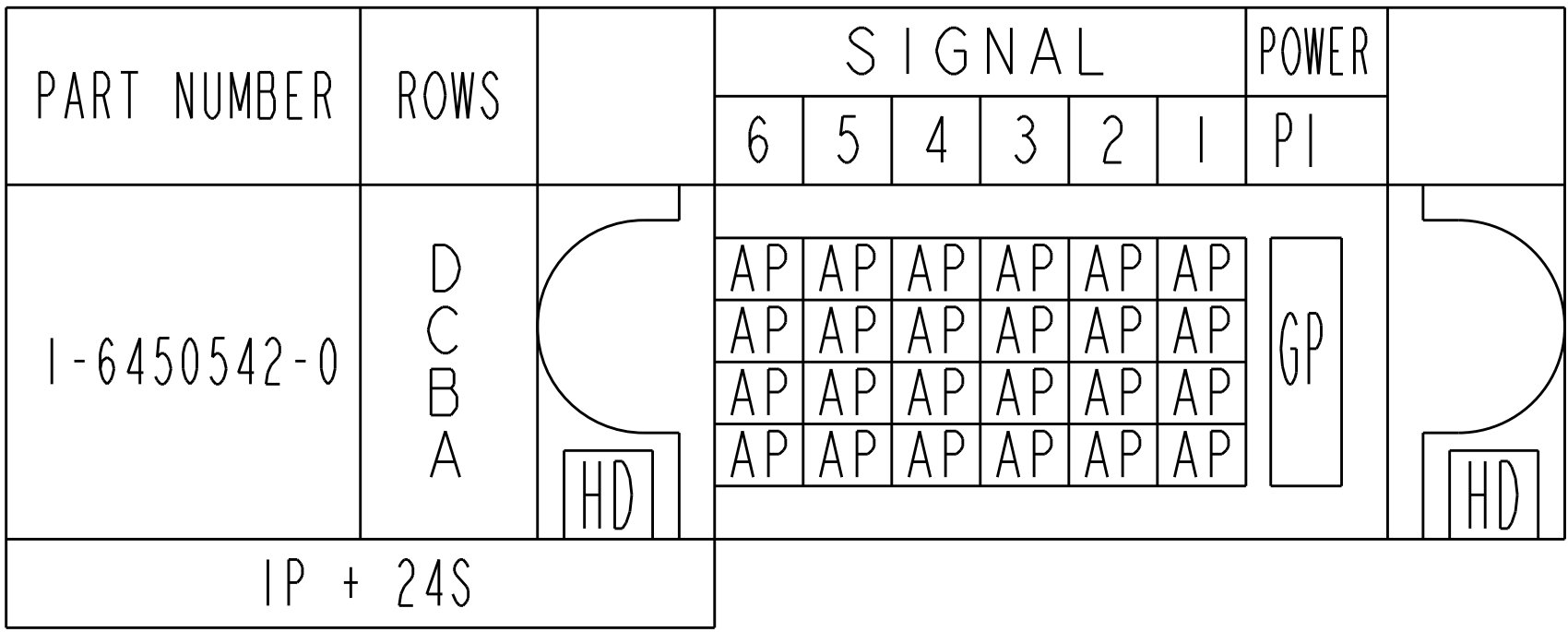
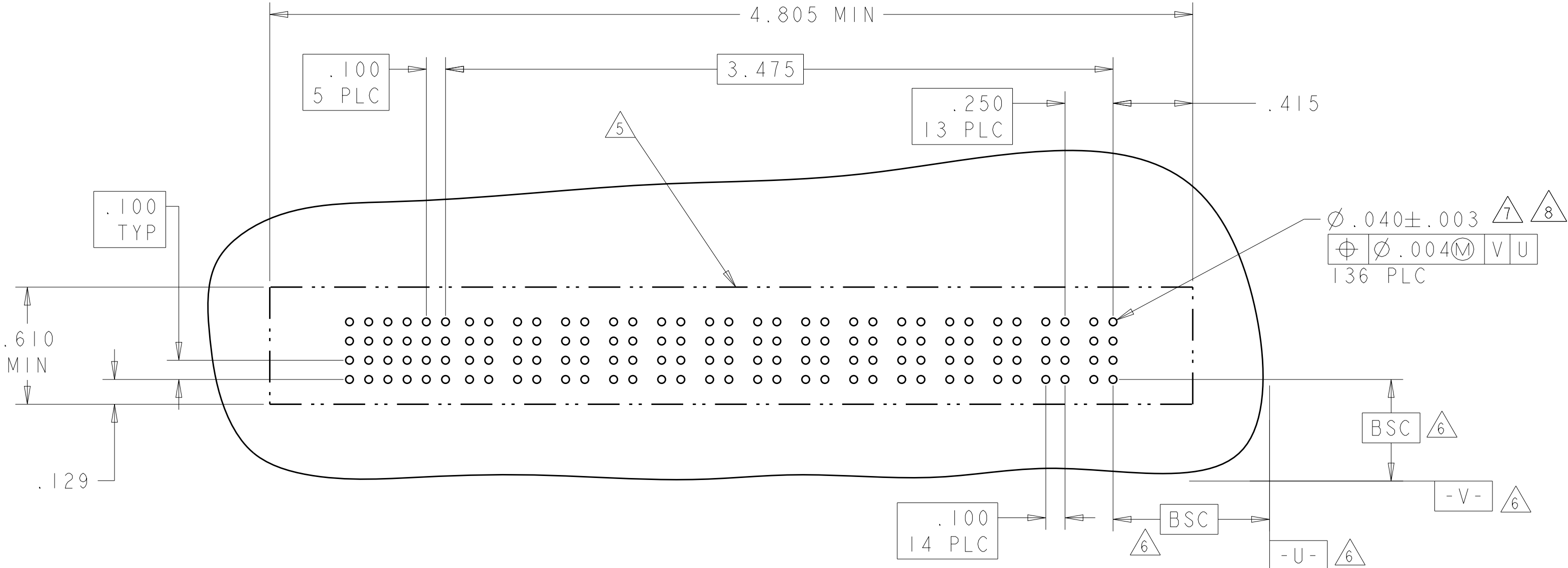
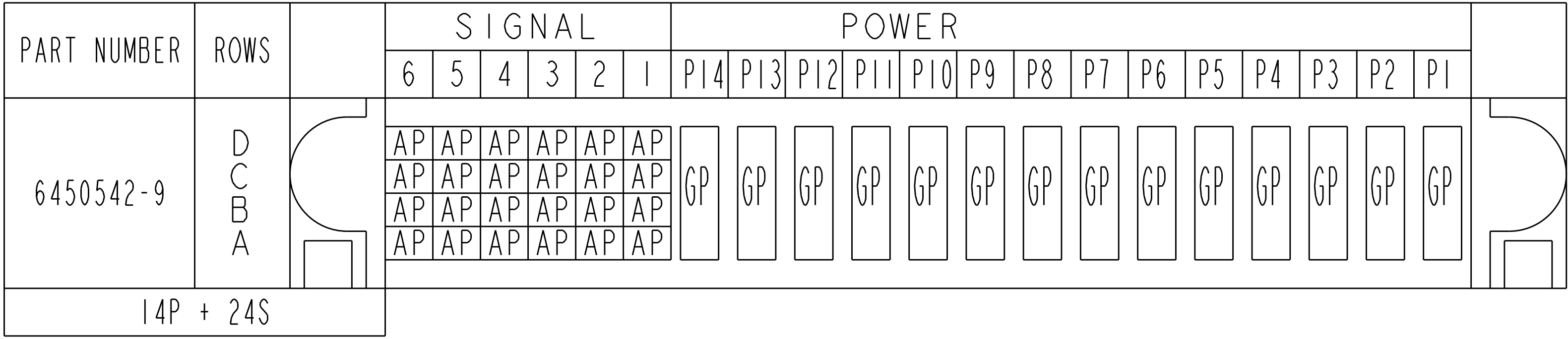
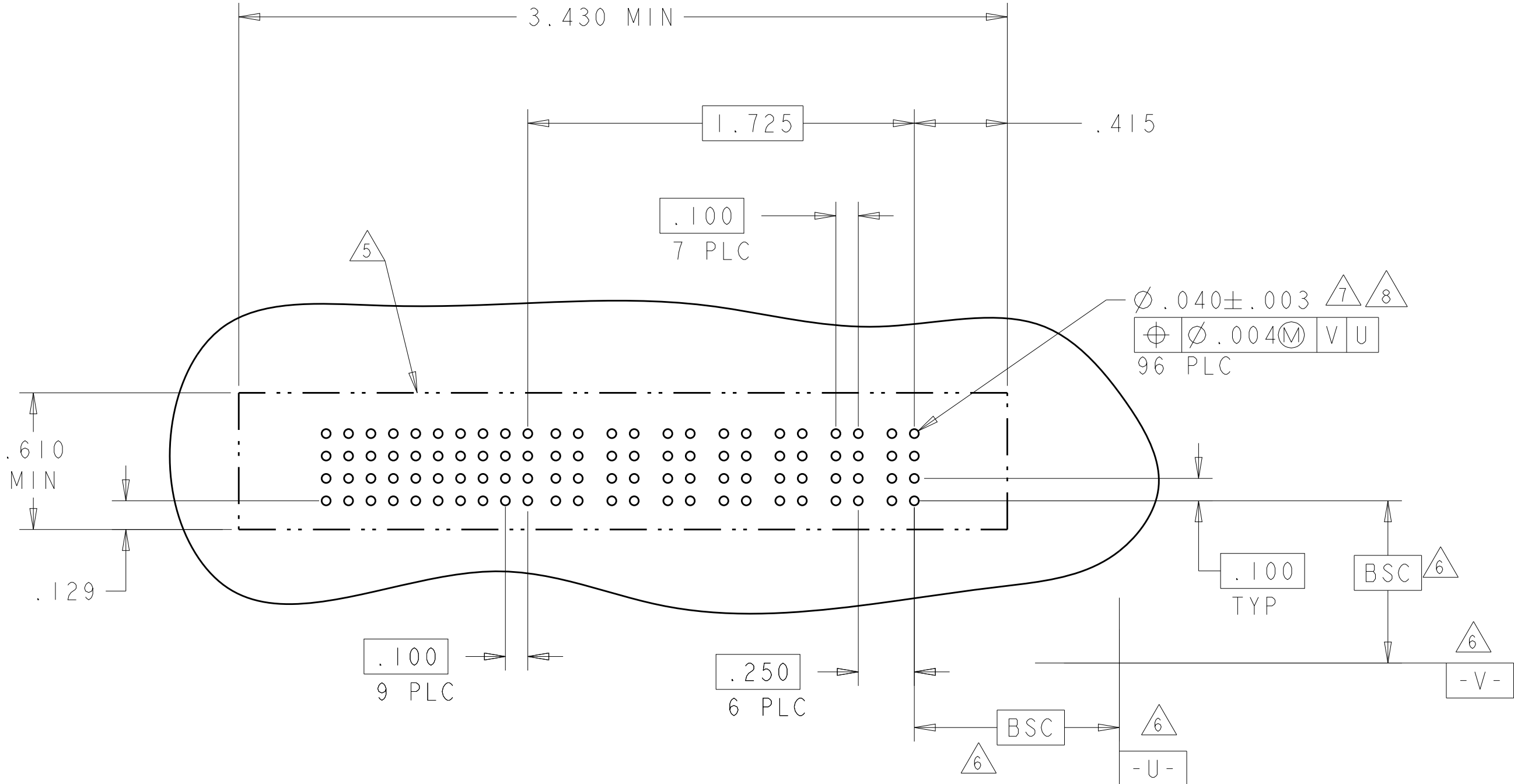
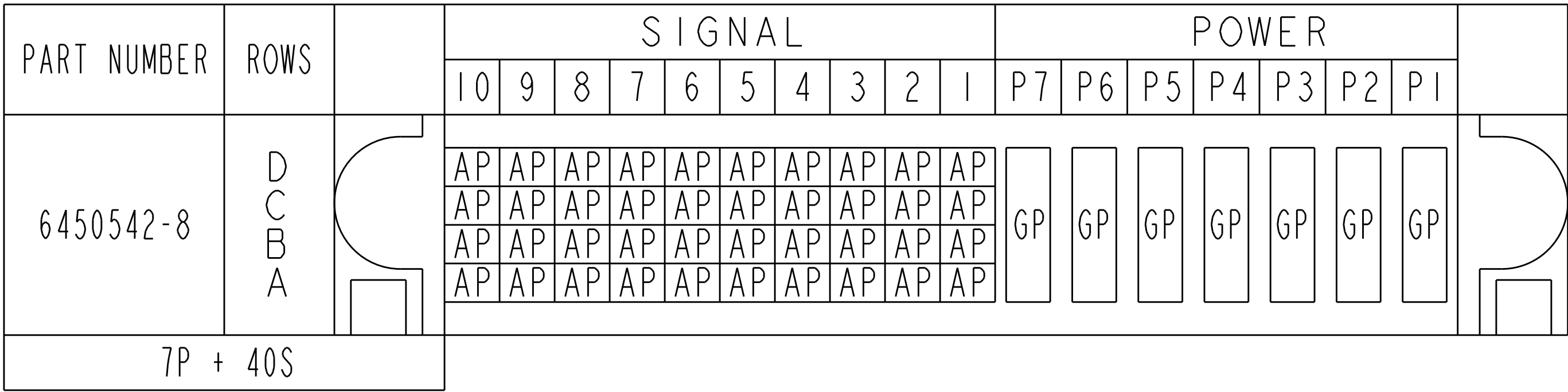
NO CONTACTS LOADED



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	28FEB95 28FEB05	NAME	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020		108-1973	
MATERIAL		FINISH		APPLICATION SPEC	
6		7		114-13038	
				WEIGHT	
				CUSTOMER DRAWING	
TE Connectivity				VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
SIZE				CAGE CODE	
DRAWING NO				RESTRICTED TO	
A100779				C=6450542	
SCALE				SHEET 3 OF 10	
1:1				REV H2	

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±"

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES ±2°

FINISH

-

OWN 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

C=6450542

RESTRICTED TO

-

SCALE

4:1

SHEET

4

OF

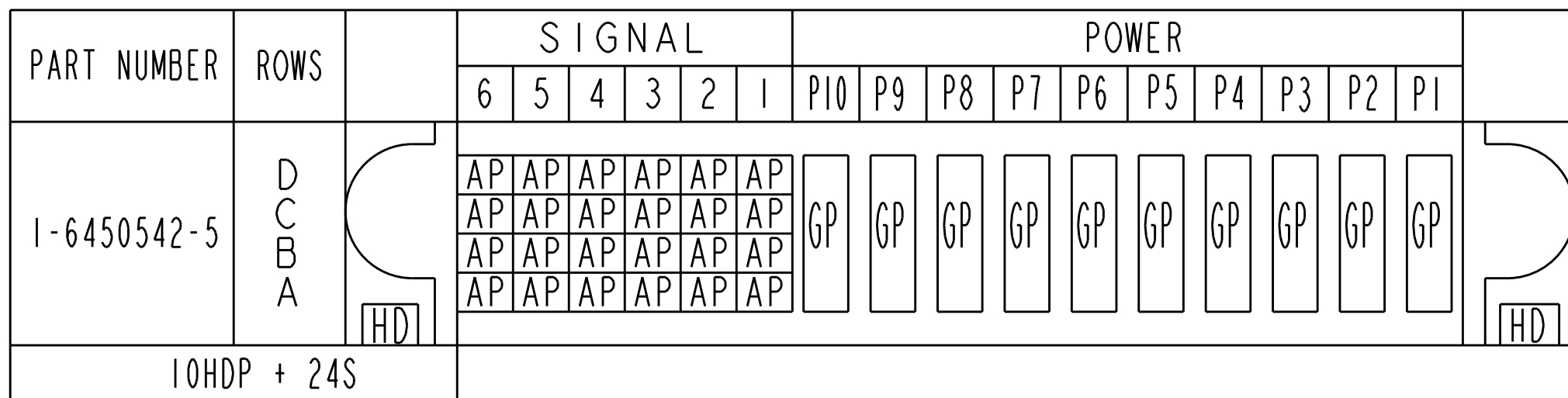
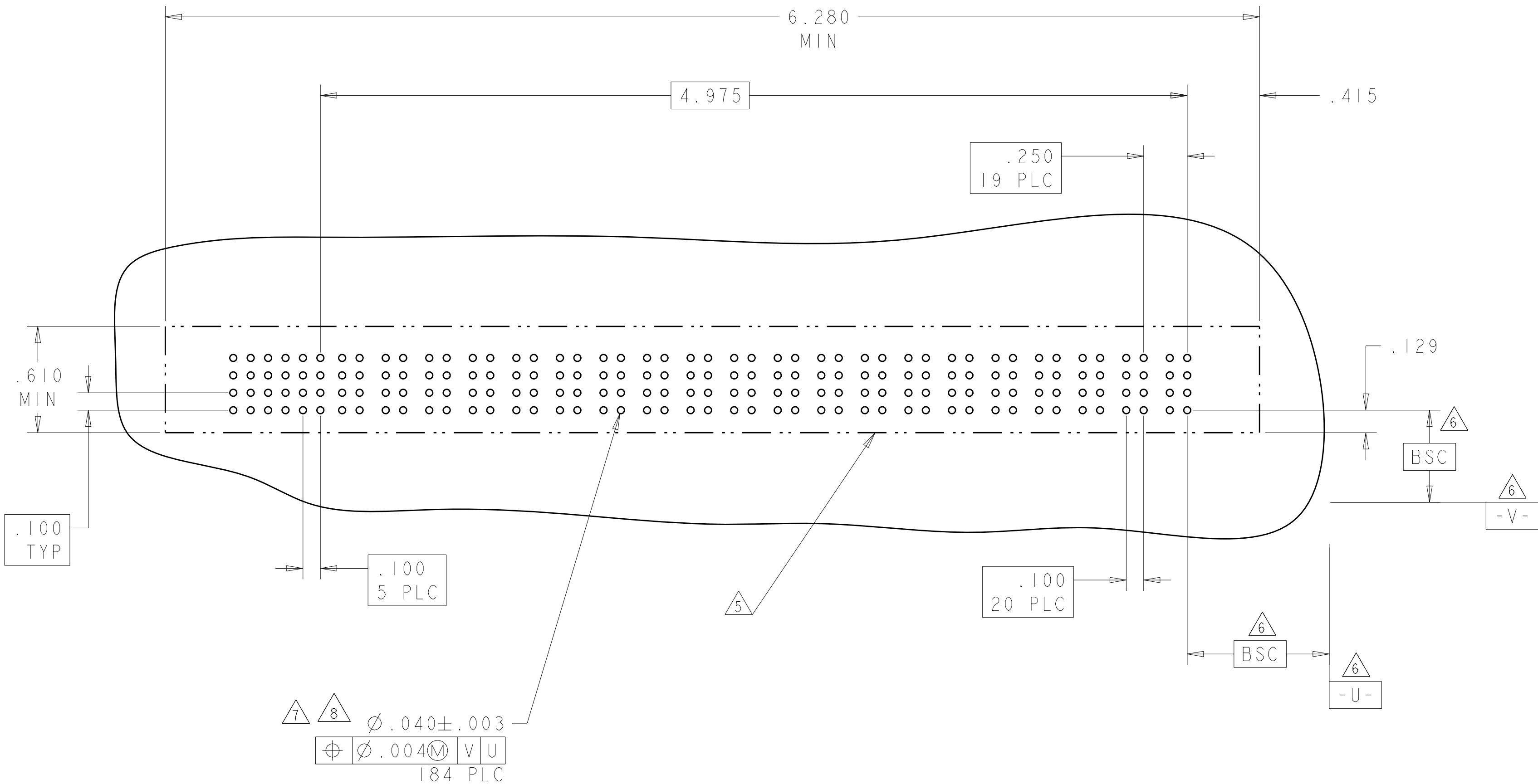
10

REV

H2

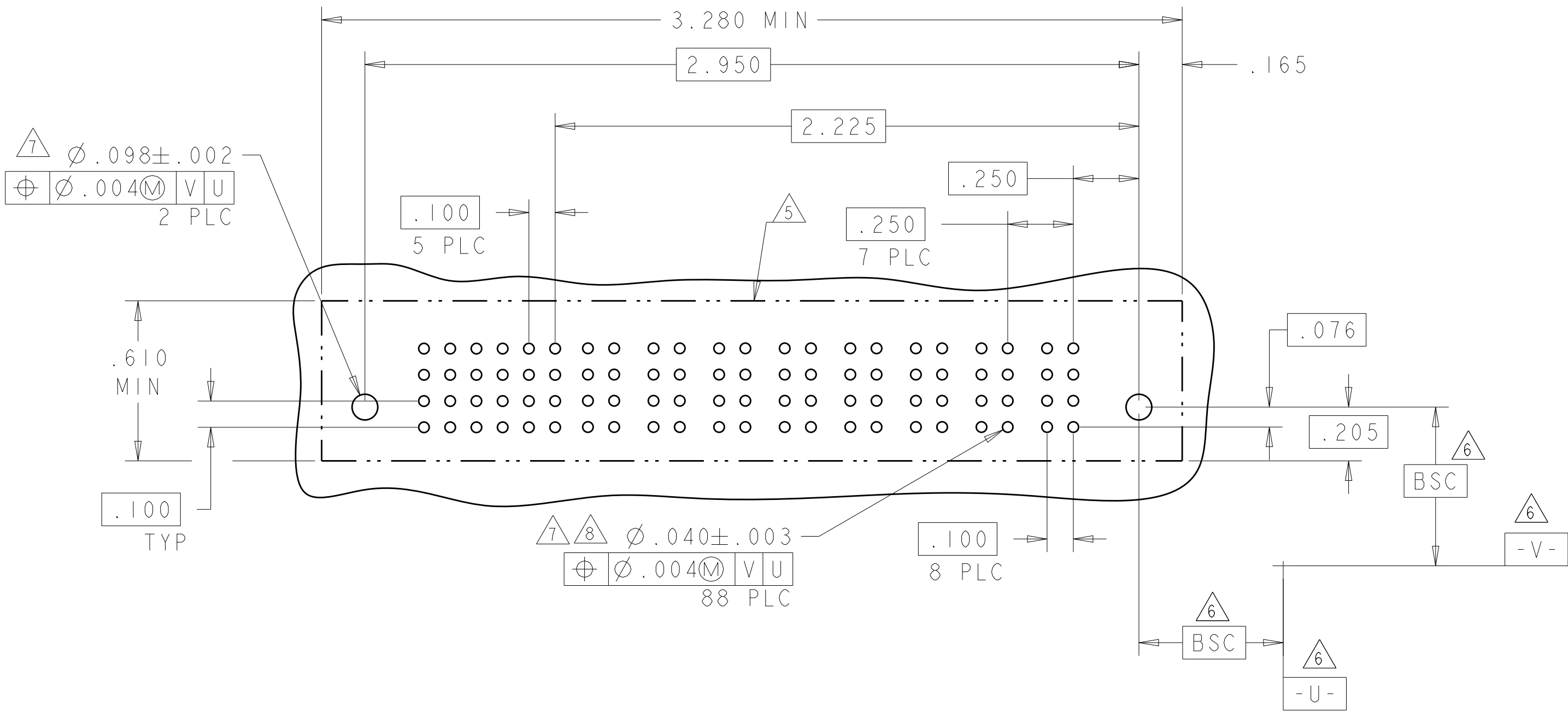
TE Connectivity

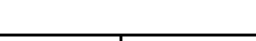
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1-6450542-2	D C B A		AP	AP	AP	AP	AP	AP	AP																			
			AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP
			AP	AP	AP	AP	AP	AP																				
			AP	AP	AP	AP	AP	AP																				
20P + 24S																												

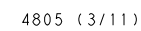


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG GRZYBOWSKI	28FE99S	 TE Connectivity
		CHK M. PERCHERKE	28FE00S	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS ± FRACTIONS ± HOLE POSITION ± HOLE DIA ± ANGLE ±°	APP'D M. PERCHERKE		
		PRODUCT SPEC 108-1973	NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
MATERIAL -	FINISH -	APPLICATION SPEC 114-13038	SIZE CAGE CODE DRAWING NO. A100779C6450542	
		WEIGHT -	RESTRICTED TO -	
CUSTOMER DRAWING				SCALE 4:1 SHEET 5 OF 10 REV H2

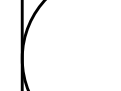
PART NUMBER	ROWS		SIGNAL							POWER								
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1-6450542-8	D C B A		AP	AP	AP	AP	AP	AP										
			AP	AP	AP	AP	AP	AP										
			AP	AP	AP	AP	AP	AP										
			AP	AP	AP	AP	AP	AP										
8P + 24S																		



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 28FEB95		TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		CHW M. PERCHERKE 28FEB05		M. PERCHERKE APVD -	
		PRODUCT SPEC		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		108-1973			
		APPLICATION SPEC			
1 P/LC ±.01 1 P/LC ±.01 2 P/LC ±.005 4 P/LC ±.0020 ANGLES ±.7°		114-13038		SIZE CAGE CODE DRAWING NO RESTRICTED TO A 100779 © 6450542 -	
MATERIAL		WEIGHT		CUSTOMER DRAWING	
FINISH		SCALE 4:1		SHEET 6 OF 10 REV H2	

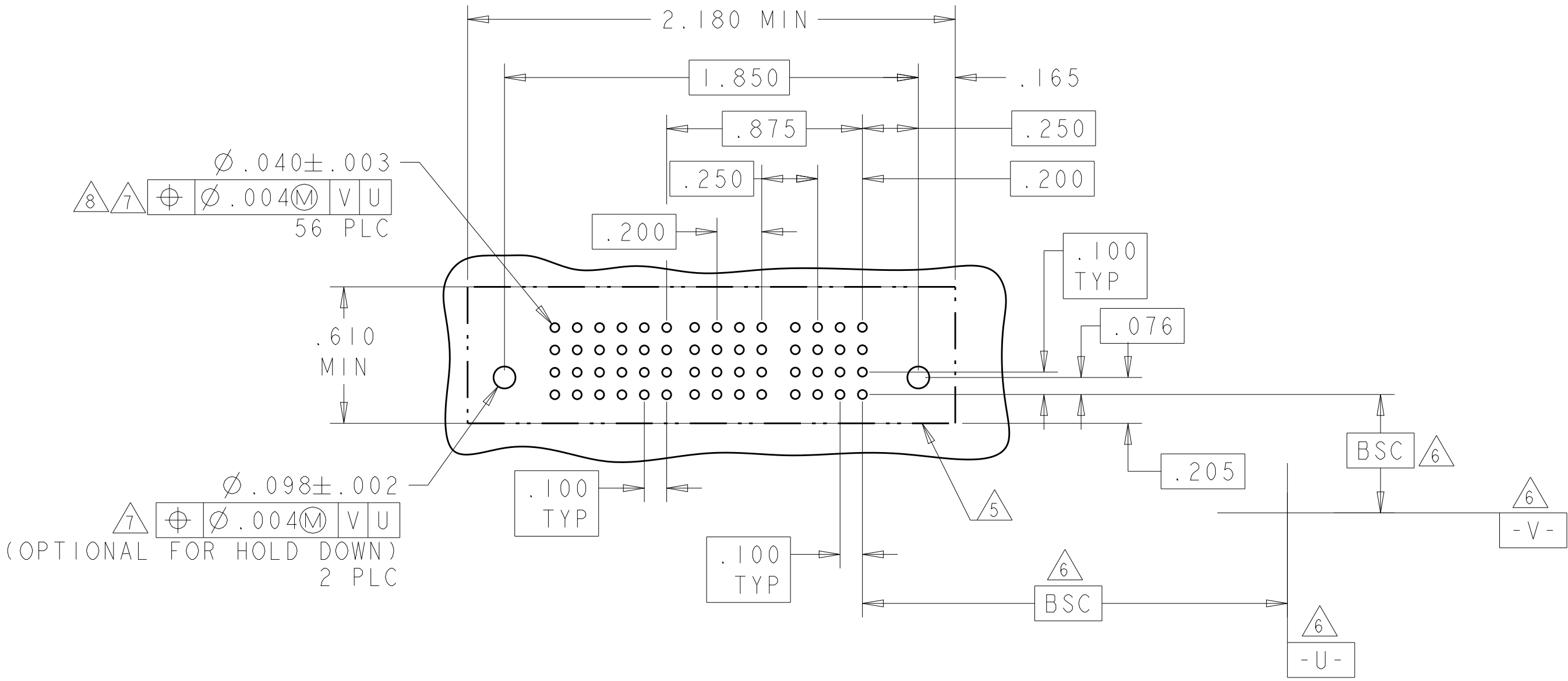
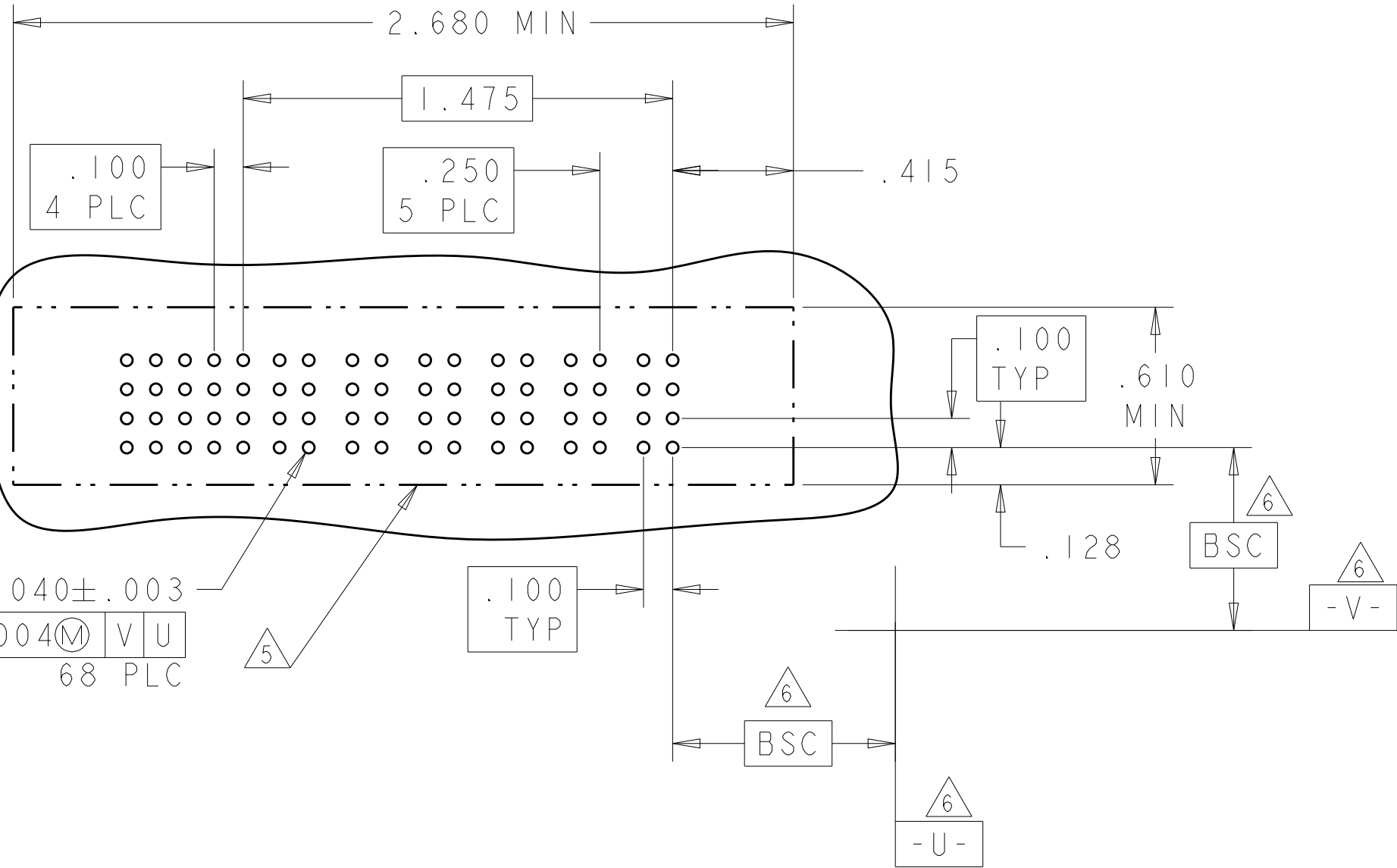


LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		SIGNAL						POWER				
			6	5	4	3	2	1	P4	P3	P2	P1	
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

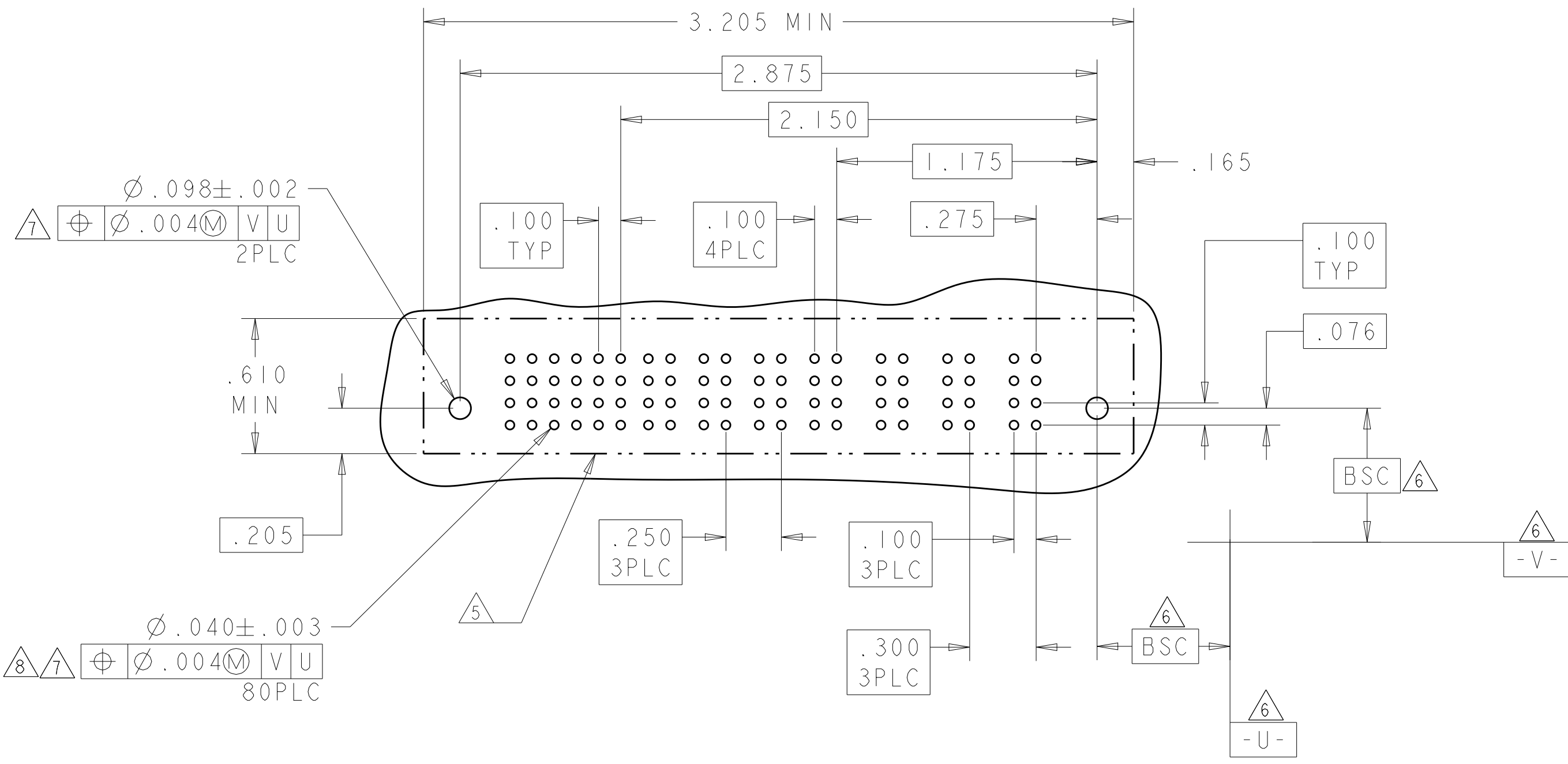
ASSY PART NUMBER	ROWS		SIGNAL					POWER						
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2-6450542-0	D C B A		AP	AP	AP	AP	AP							
			AP	AP	AP	AP	AP							
			AP	AP	AP	AP	AP							
			AP	AP	AP	AP	AP							
6P + 20S														



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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

-

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 100779
CAGE CODE
DRAWING NO 6450542

RESTRICTED TO

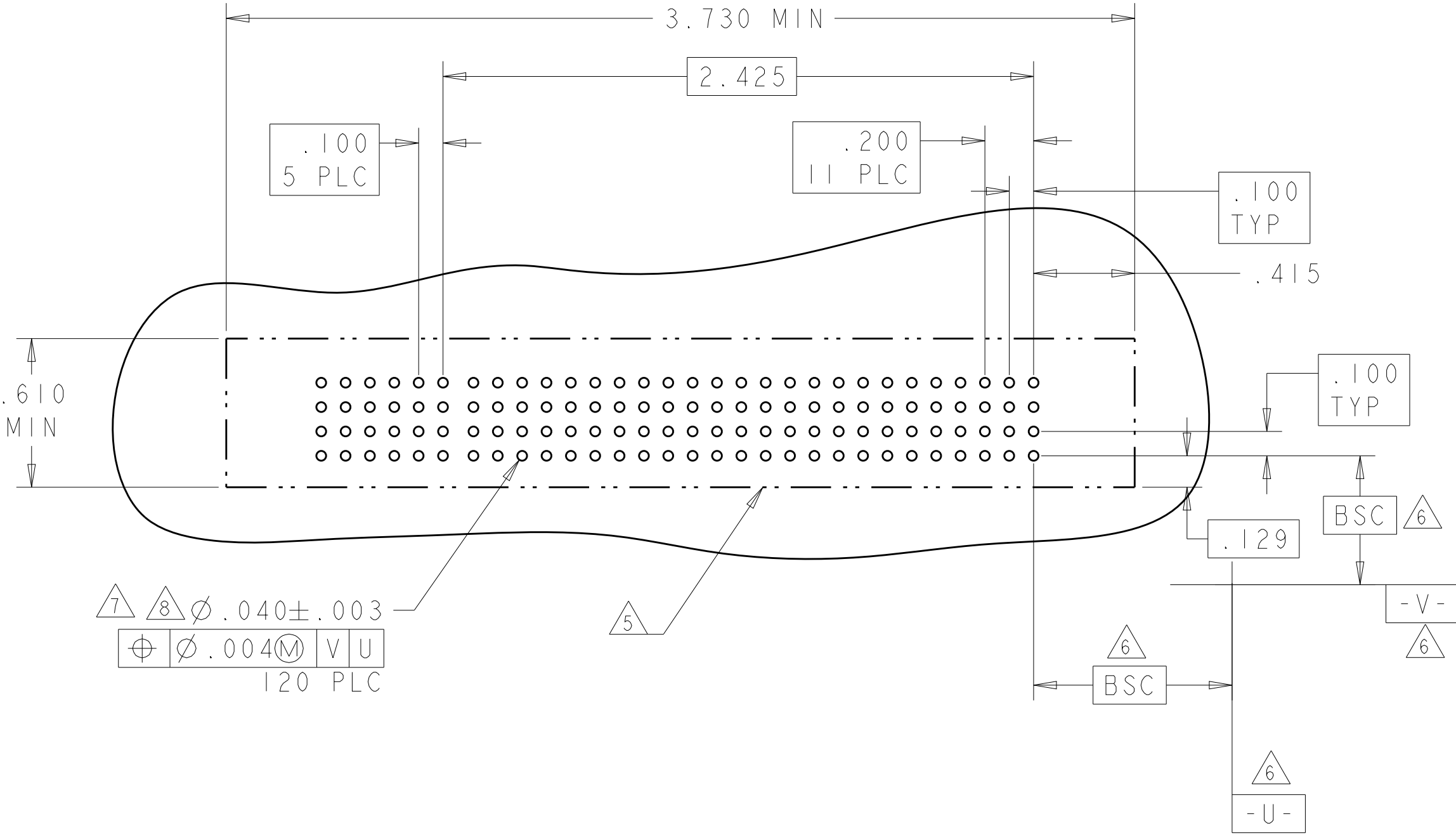
SCALE 4:1

SHEET 7 OF 10

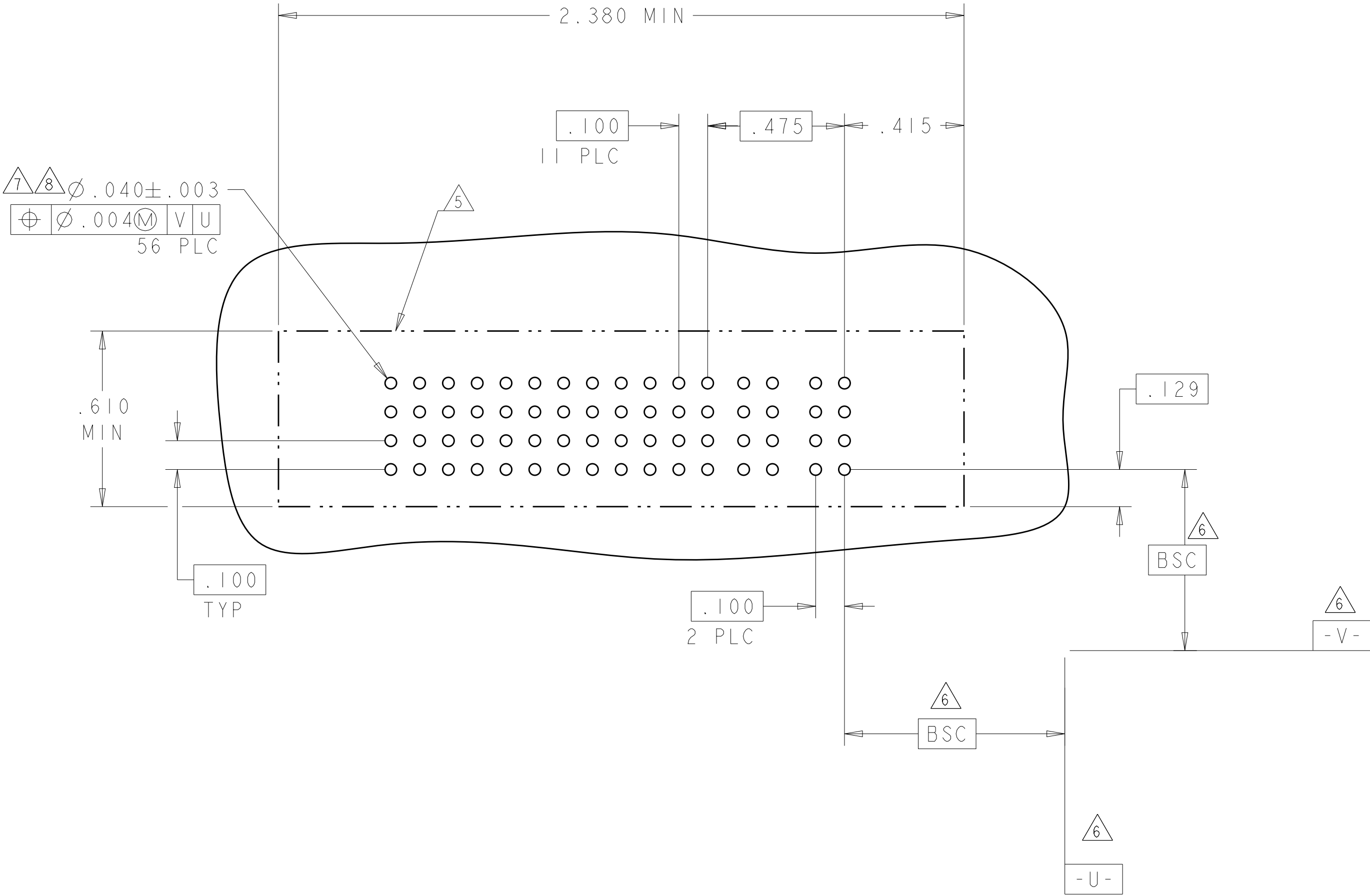
REV H2

LOC	DIST	REVISIONS			
ES	00	P	LTR	DESCRIPTION	DATE
		-		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

TE Connectivity

VERTICAL RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL

SIZE
A1

CAGE CODE
100779

DRAWING NO
C=6450542

RESTRICTED TO
-

CUSTOMER DRAWING

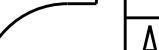
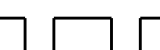
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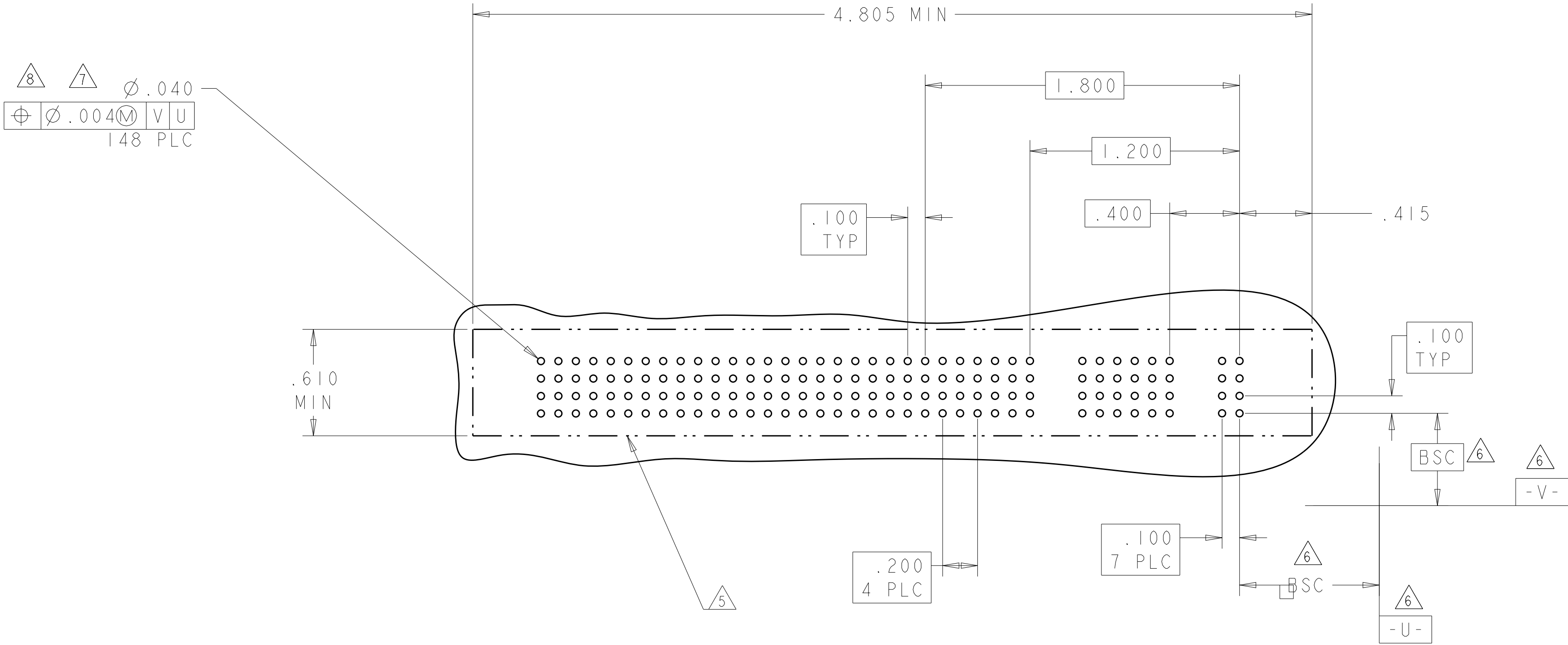
SHEET
8

OF
10

REV
H2

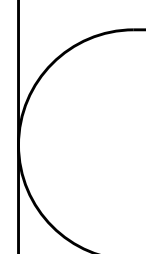
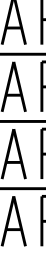
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

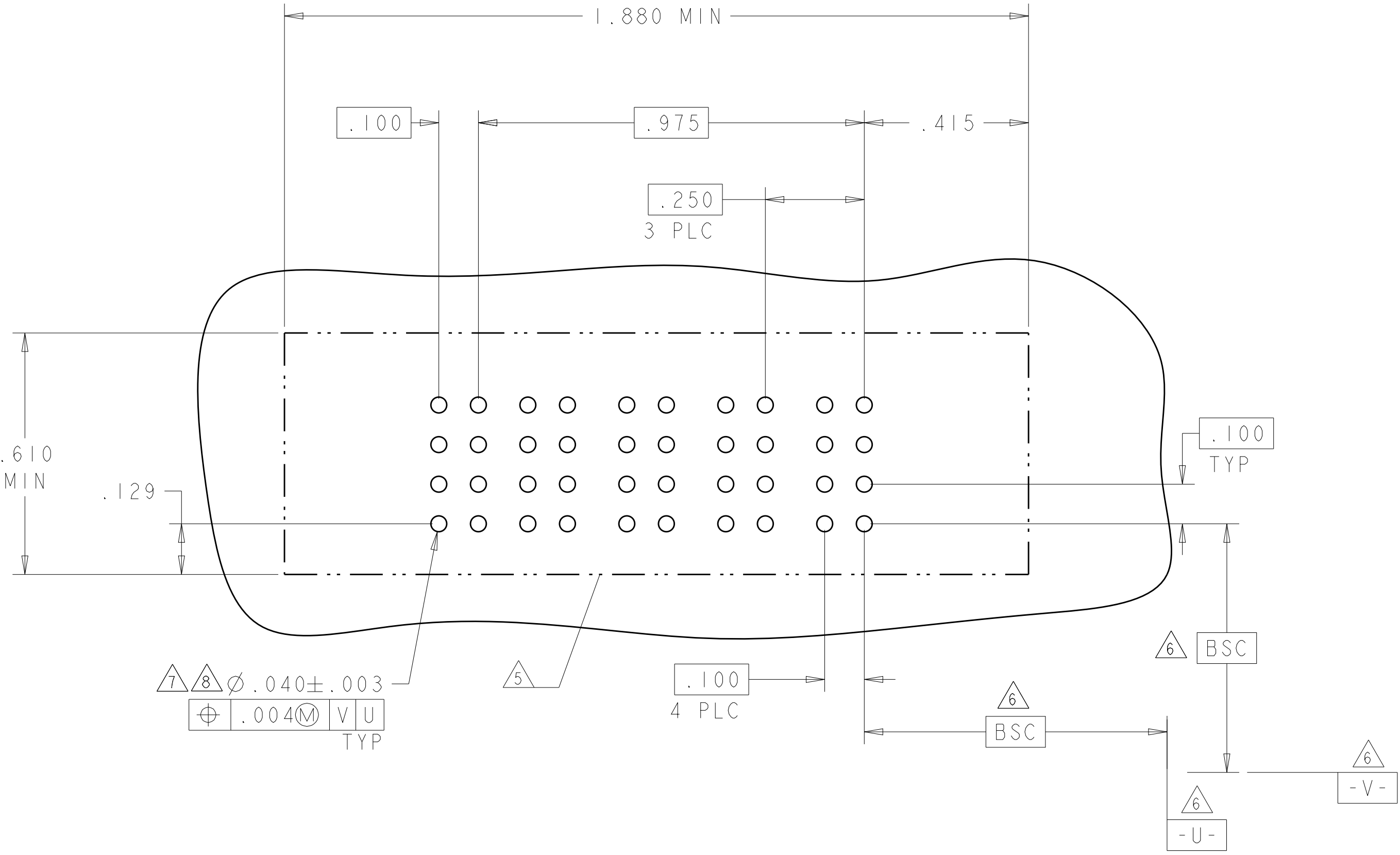
PART NUMBER	ROWS		SIGNAL																							POWER																				
			23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P9	P8	P7	P6	P5	P4	P3	P2		P1											
2-6450542-7	D C B A		AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP				AP	AP																						
			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP				AP	AP												GS	GS	GS		GS	GS	GS		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	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP				AP												AP										
9P + 92S																																														



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHERKE APVD M.PERCHERKE	28FEB95 28FEB05 -
DIMENSIONS: INCHES		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
TOLERANCES UNLESS OTHERWISE SPECIFIED:		WEIGHT -	RESTRICTED TO -
MATERIAL -		CUSTOMER DRAWING	SCALE 4:1
SHEET 9		OF 10	REV H2

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		NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE A1	
0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH		CAGE CODE 100779	
MATERIAL -		DRAWING NO 6450542	
		CUSTOMER DRAWING	
		SCALE 4:1	
		SHEET 10	
		OF 10	
		REV H2	

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

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<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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