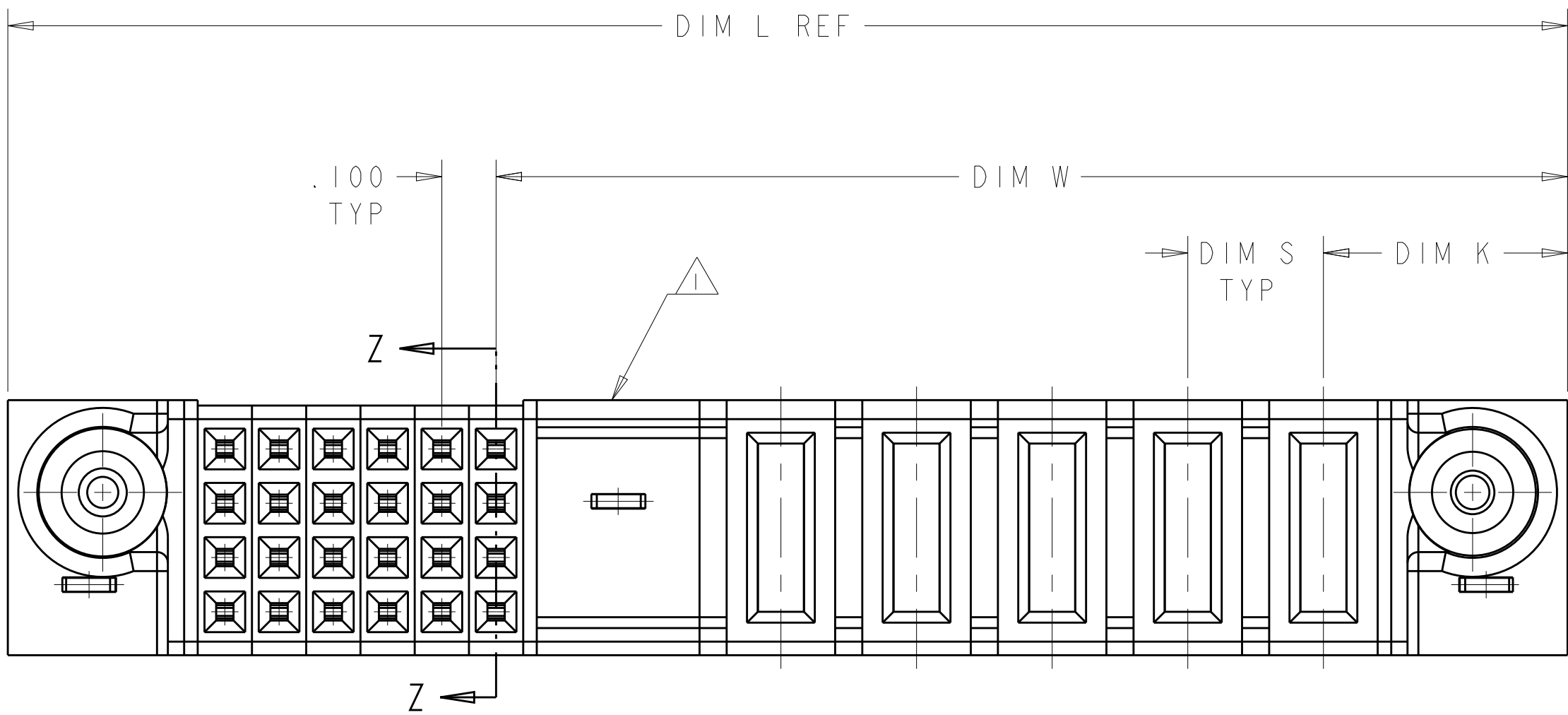
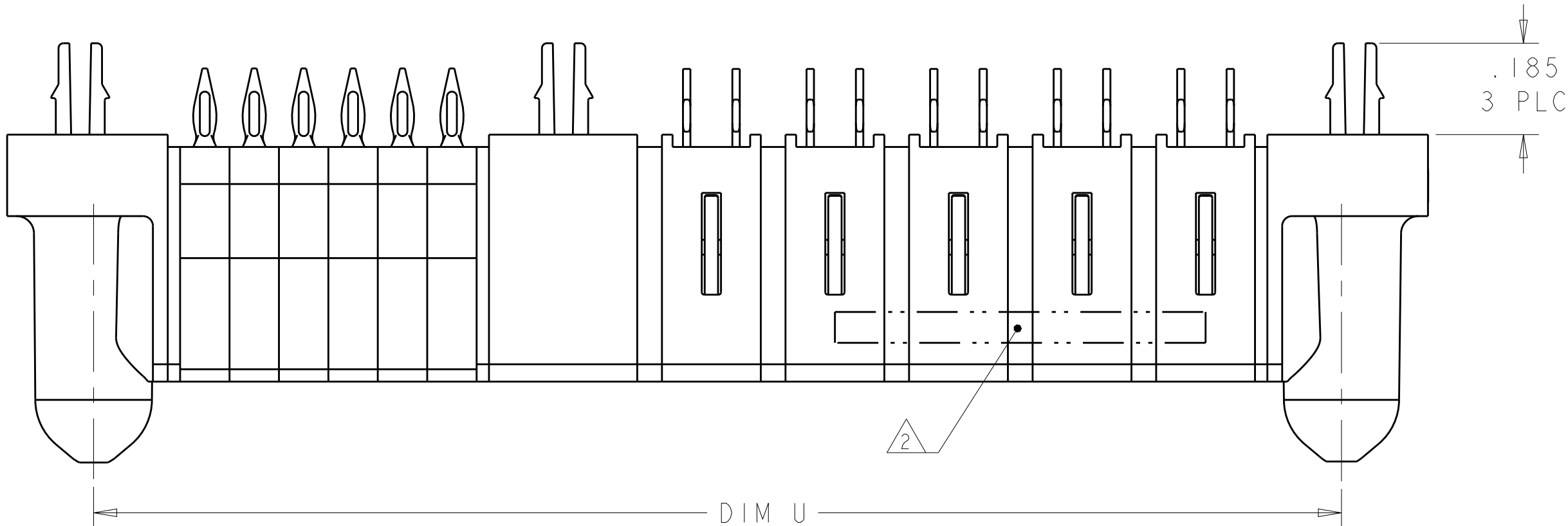
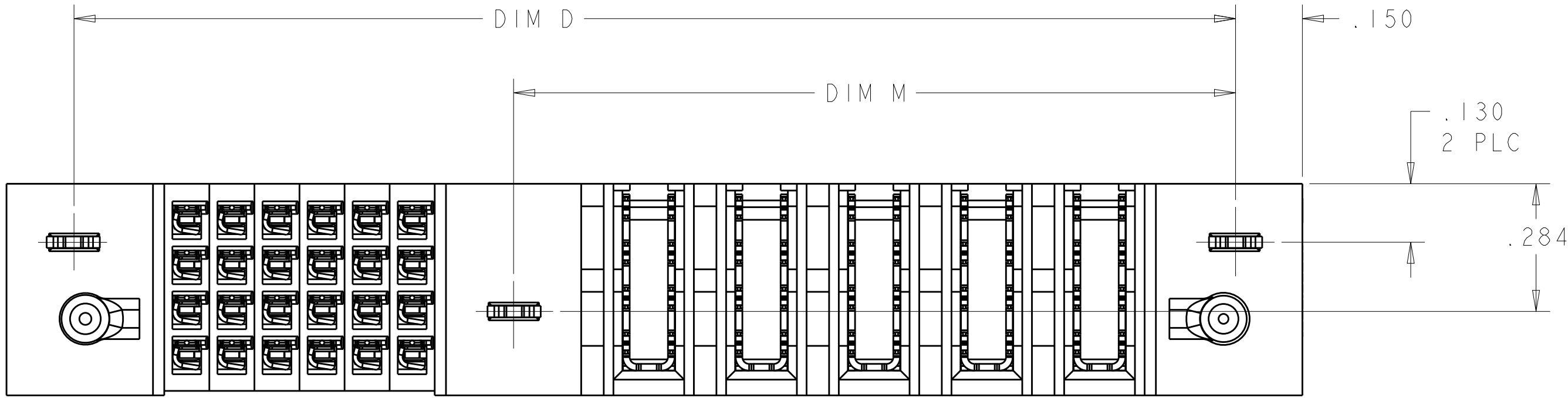
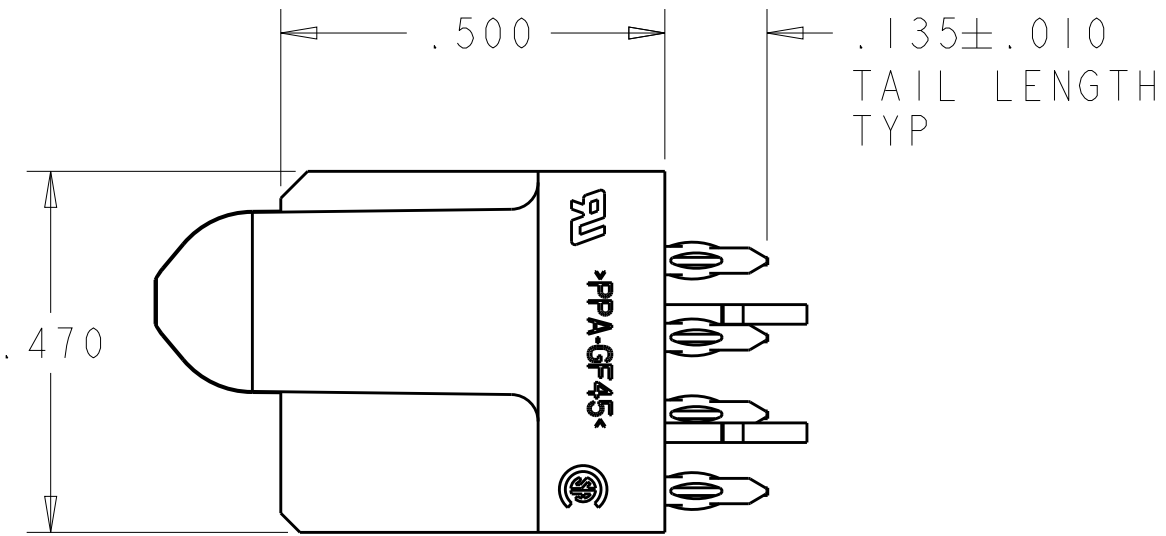
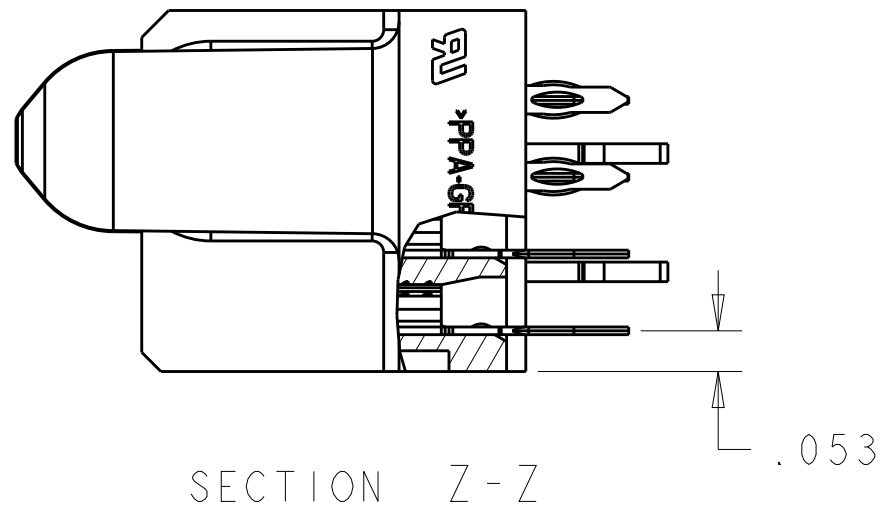


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		G7	REV PER ECR-09-008079	08APR2009	OL	SY
			H	REV PER ECR-12-003783	28FEB2012	CZ	SZ
			H2	ADD NEW PART -29	28JAN2015	AY	SZ

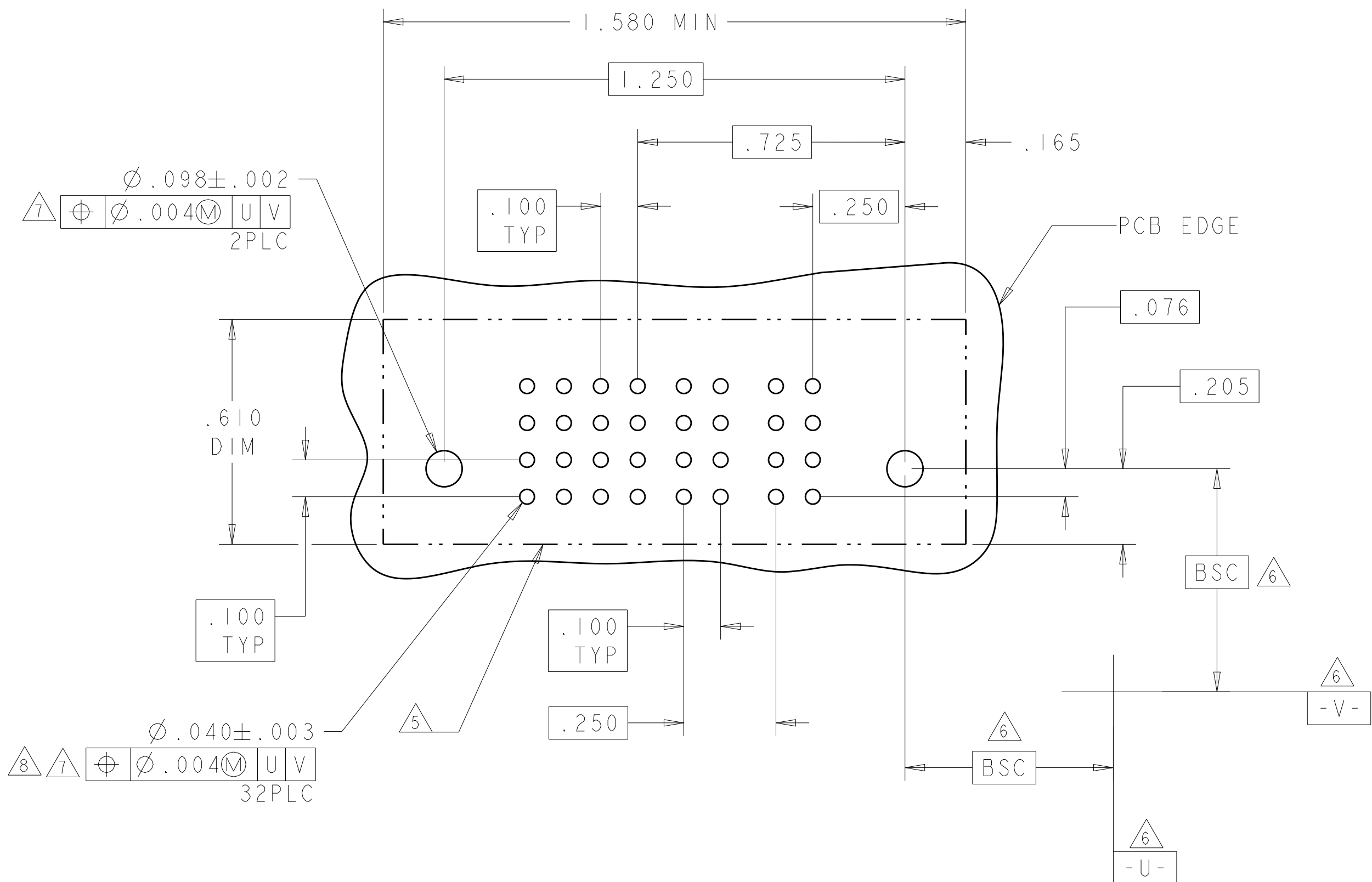


- 1 OPTIONAL CENTER MODULE, WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE
- 2 "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN
PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES
- 3 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
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.

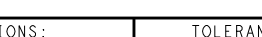


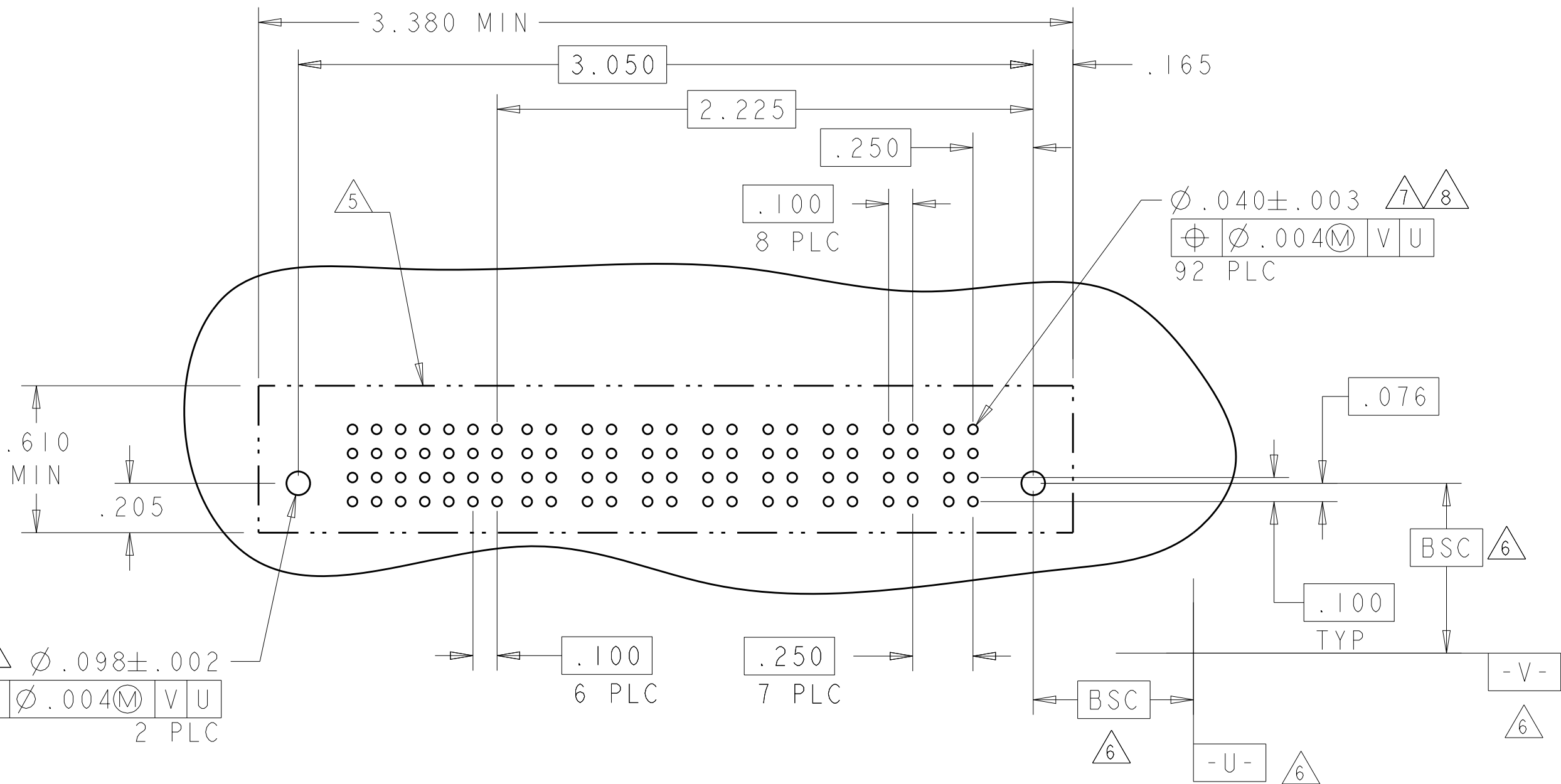
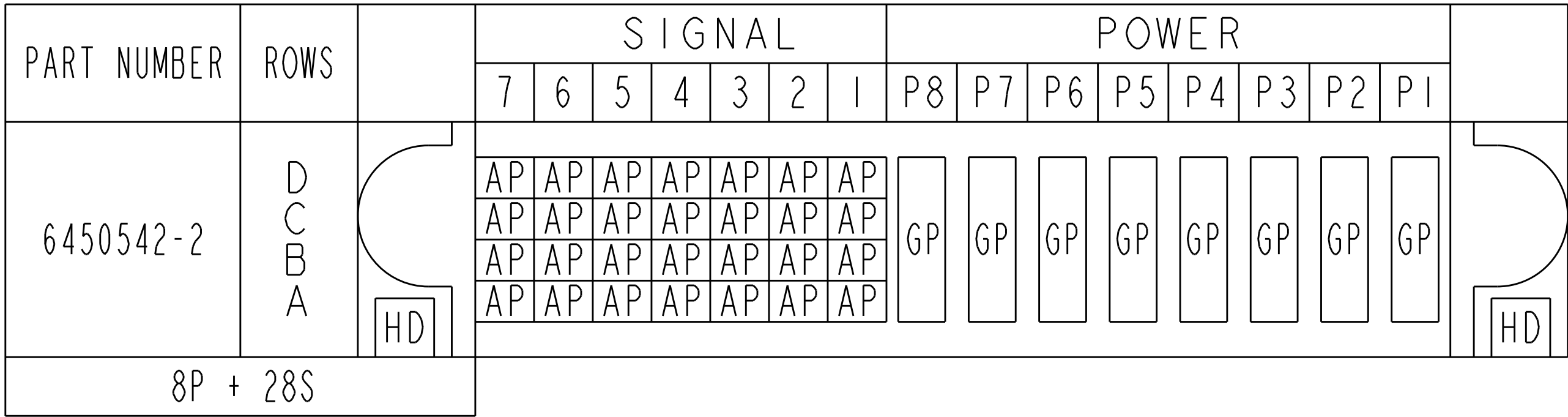
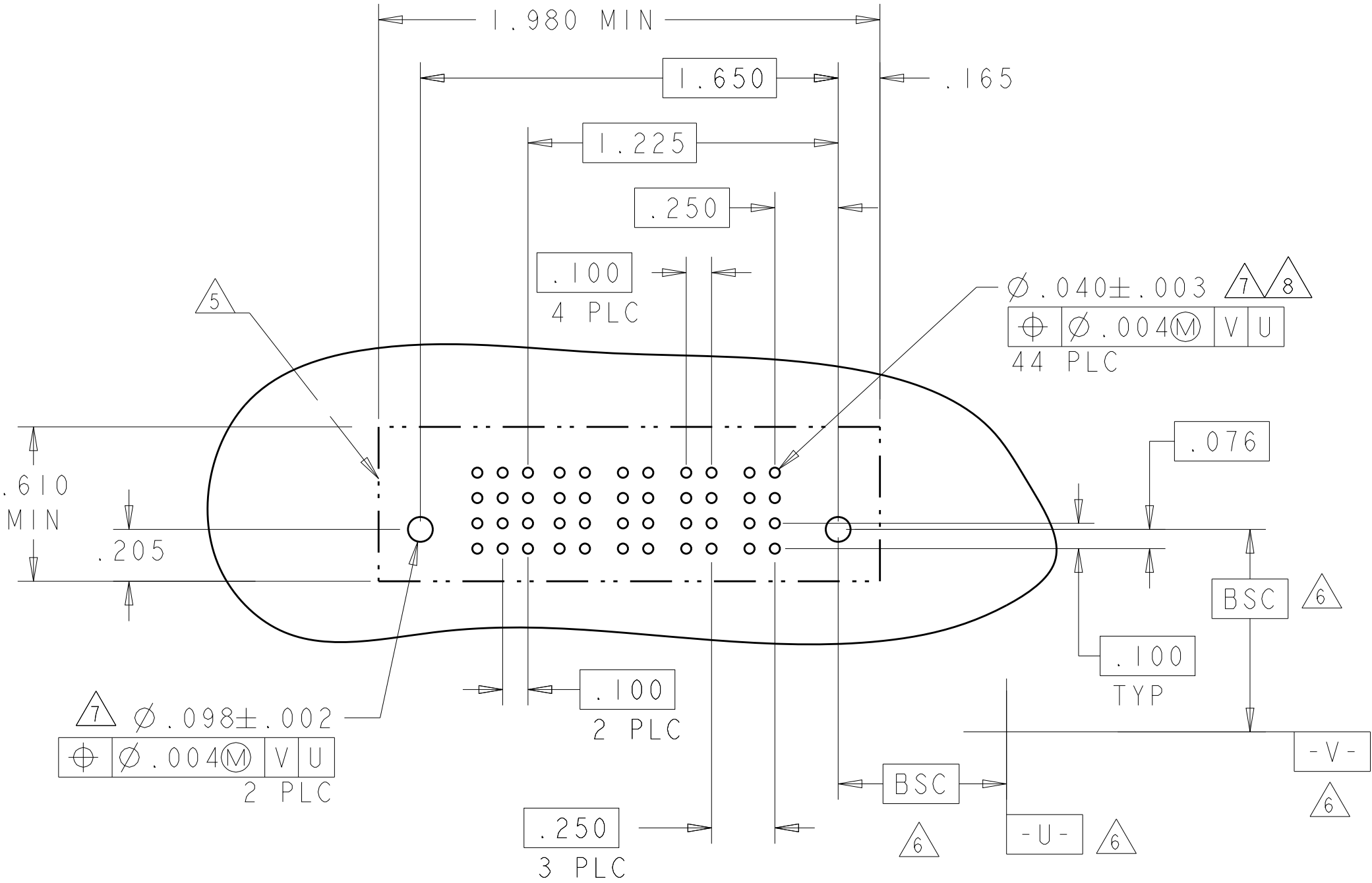
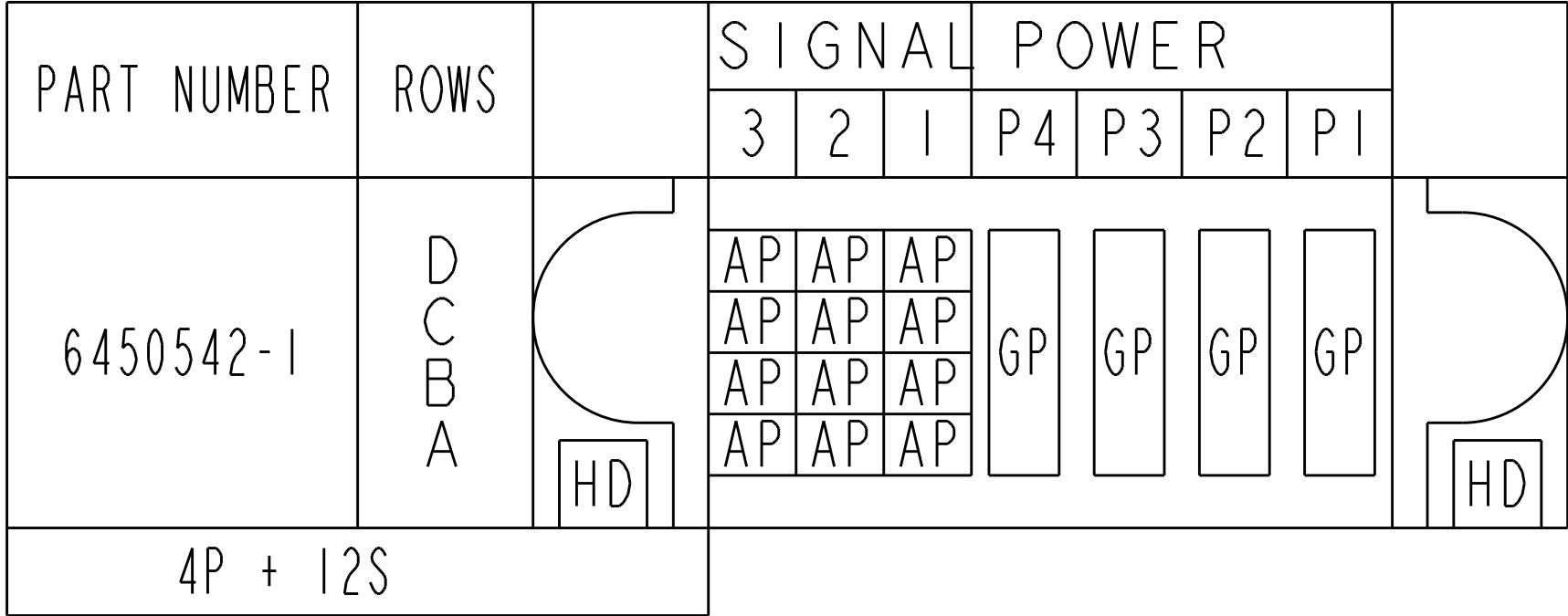
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHERKE APVD M.PERCHERKE	28FEB05 28FEB05	TE Connectivity	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME	VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005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

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

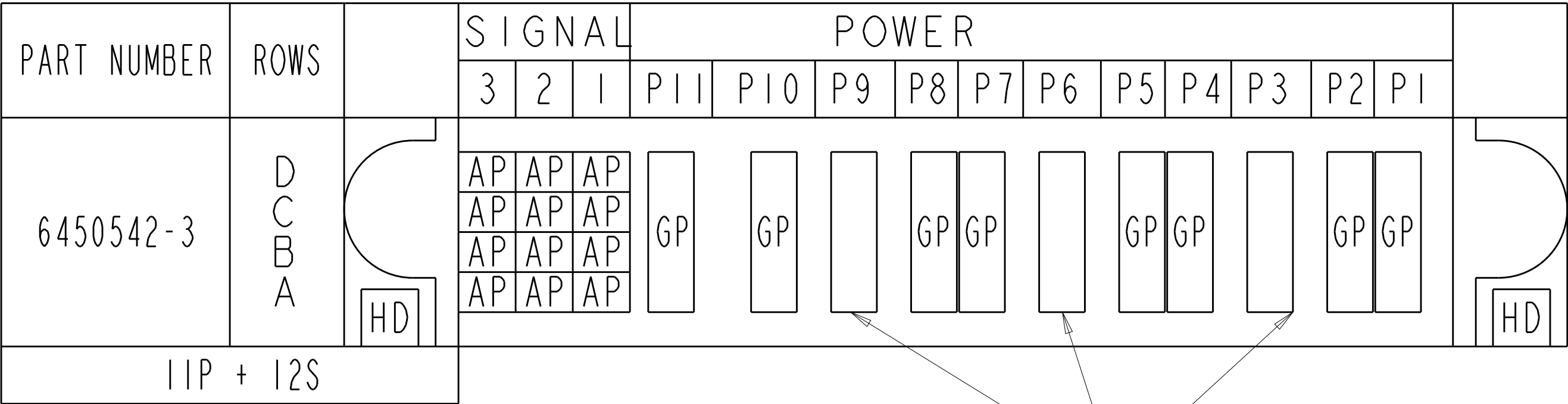
RECOMMENDED PCB LAYOUT
6450542-23

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		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		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
H	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

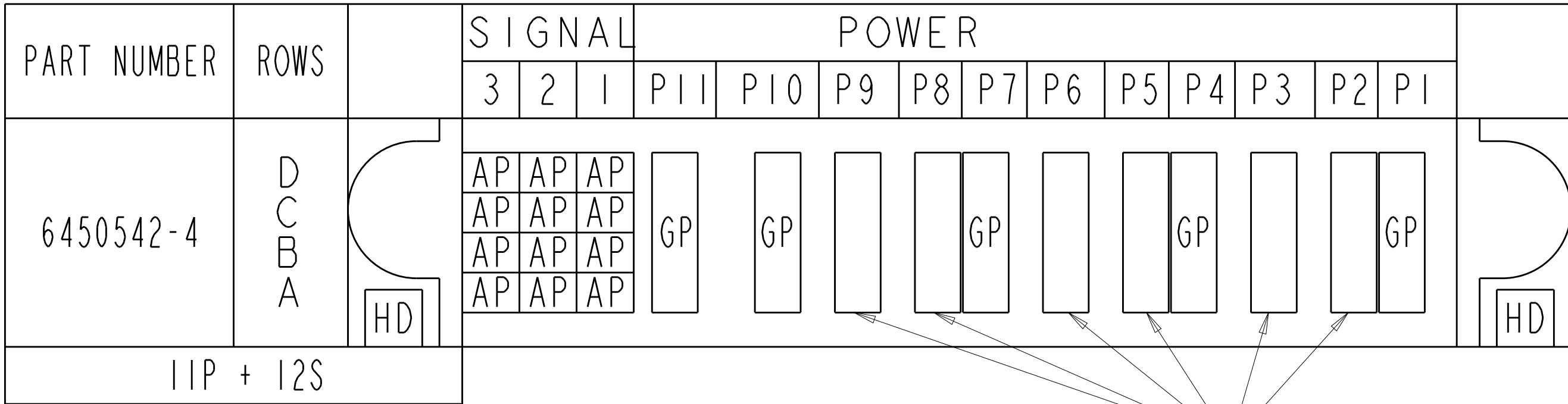
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN. GRZYBOWSKI 28FE995 CHG. M. PERCHERKE 28FE005		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: D PLC ±. PLC ±. PLC ±.01 PLC ±.005 PLC ±.0020 ANGLES ±°		NAME VERITICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CAGE CODE DRAWING NO A100779 C6450542	
MATERIAL -		FINISH -		RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE 4:1 SHEET 2 OF 10 REV H2	



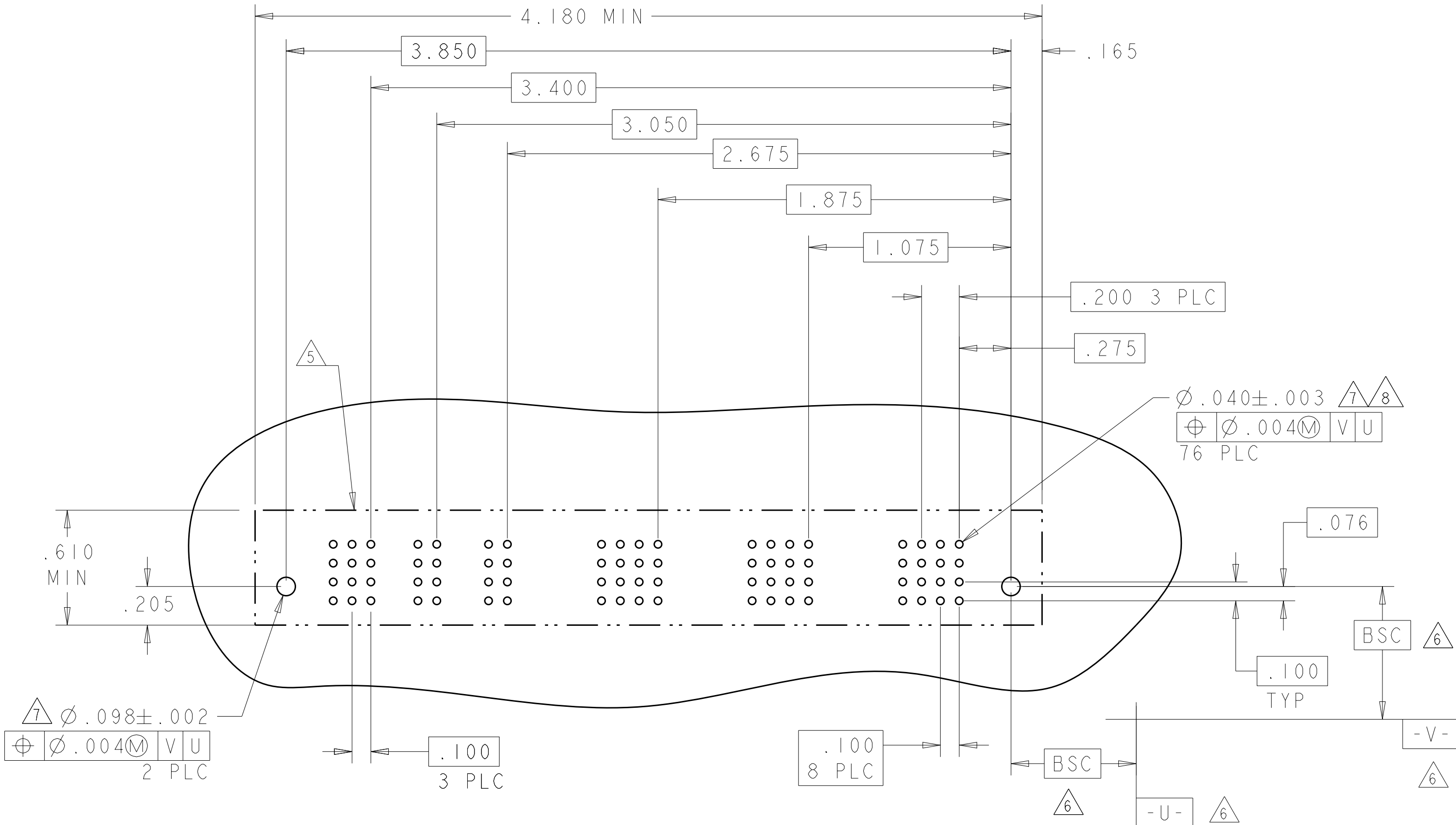
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



NO CONTACTS LOADED



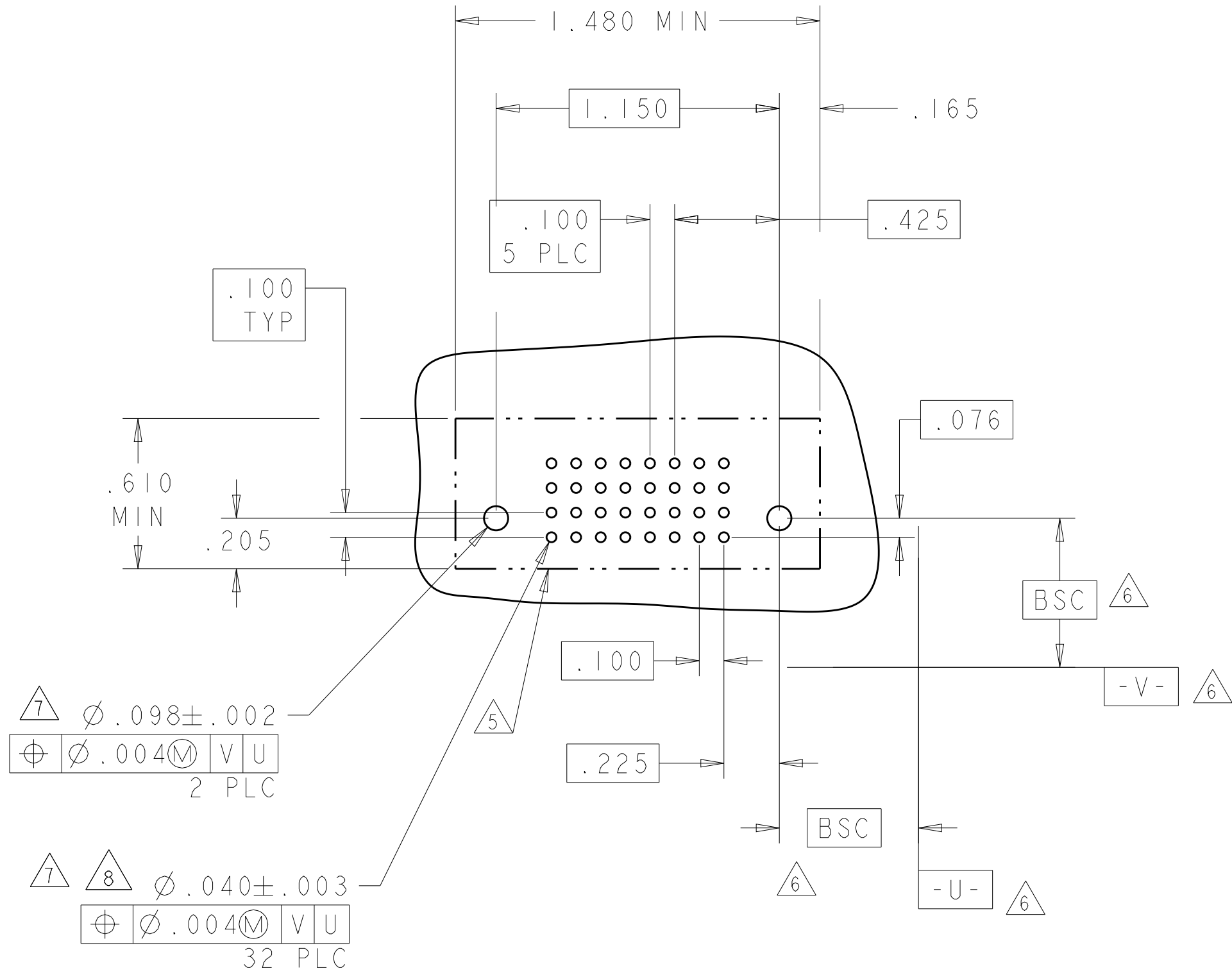
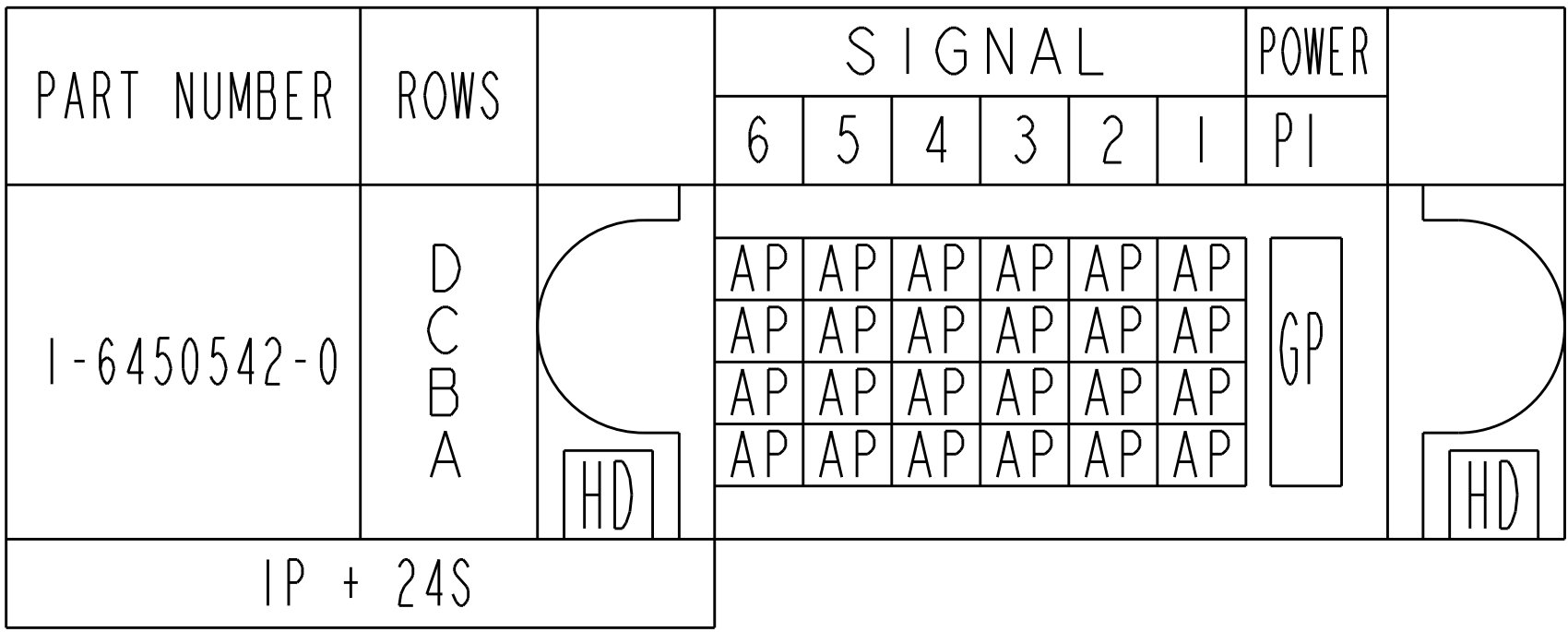
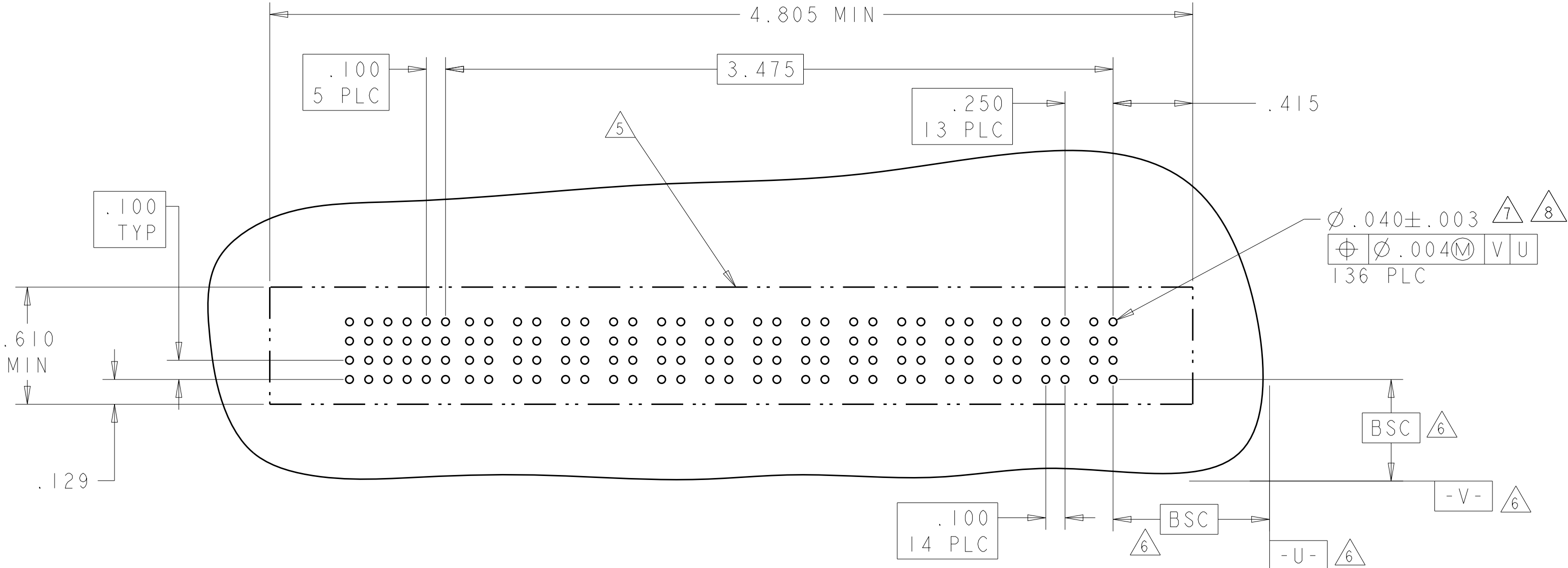
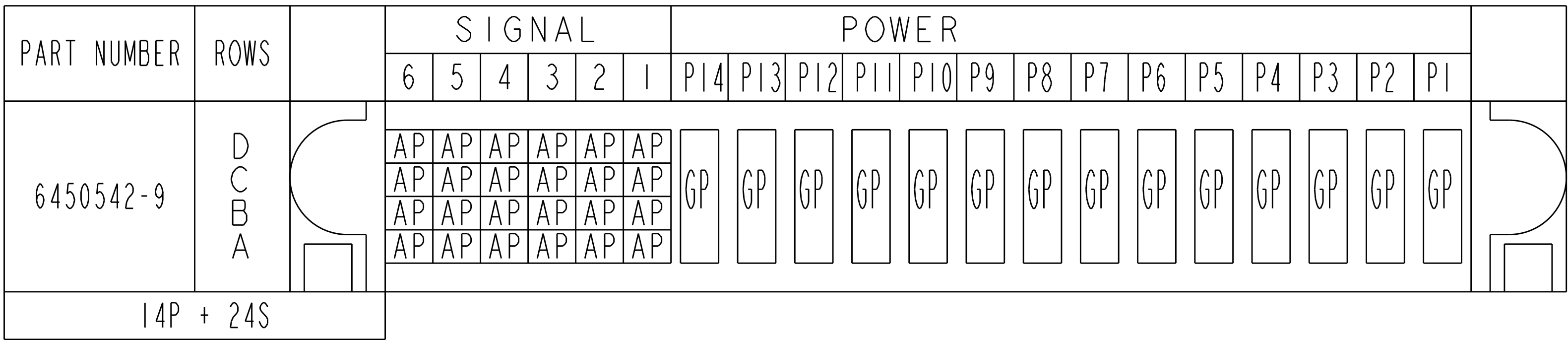
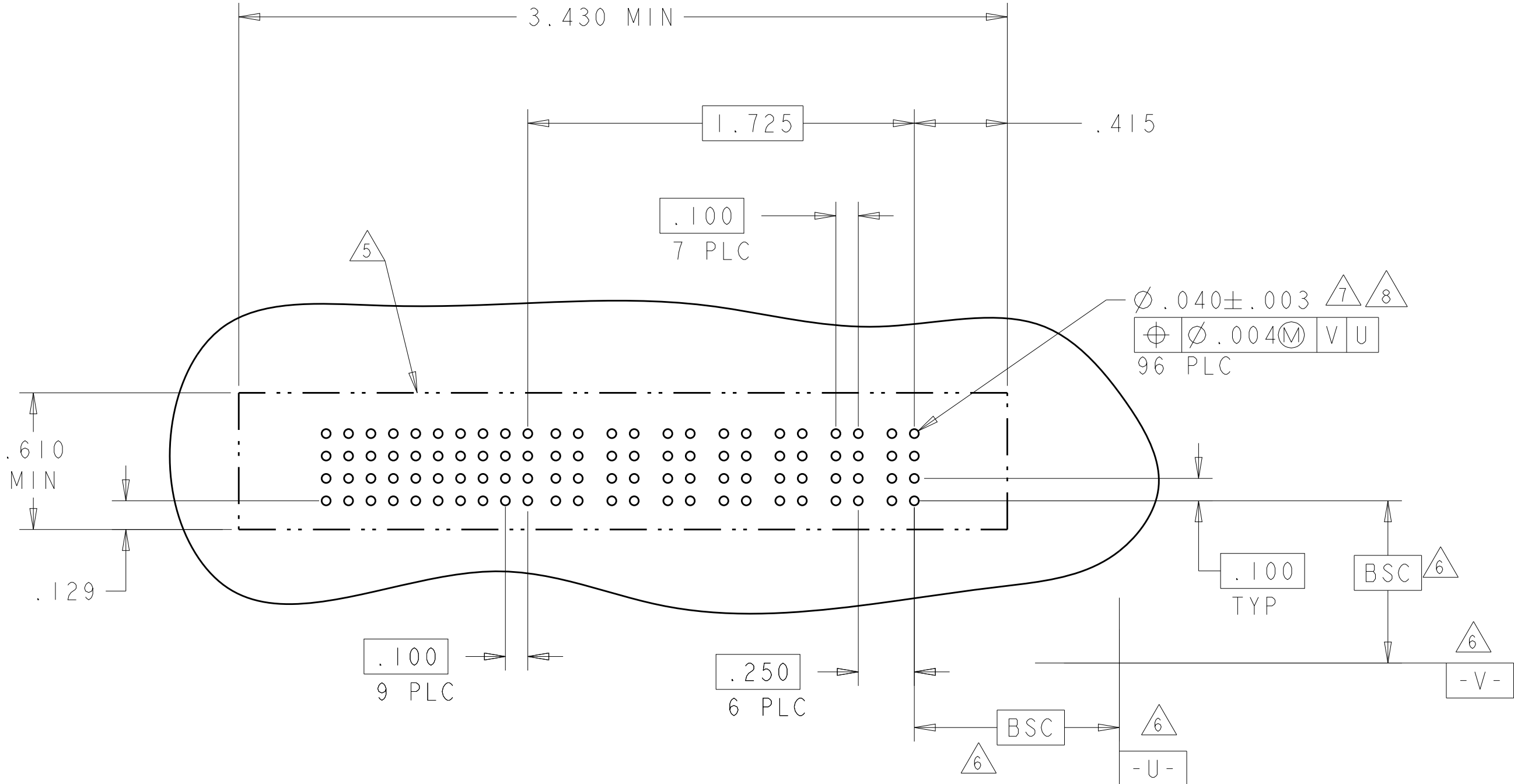
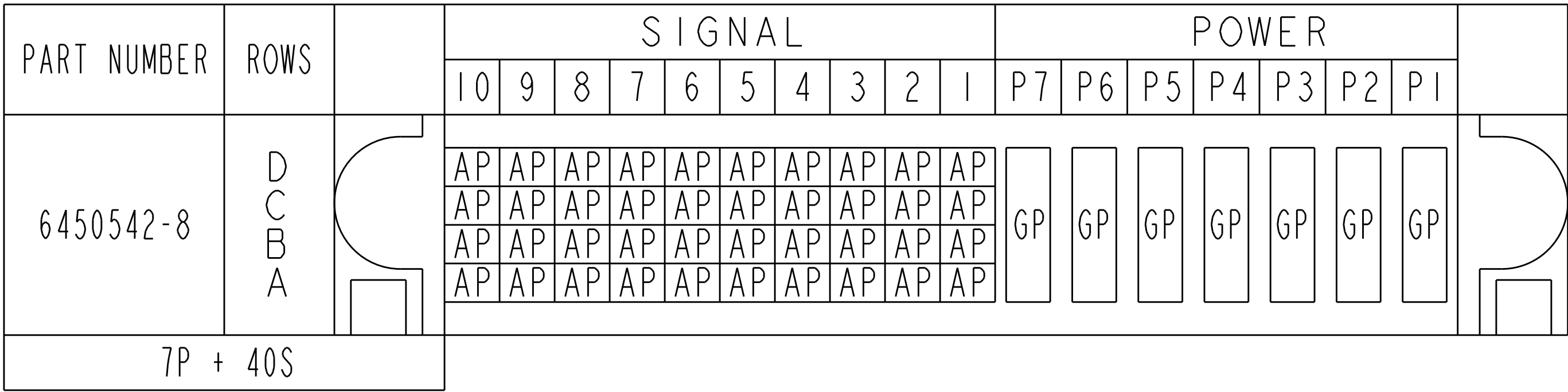
NO CONTACTS LOADED



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	28FEB95	TE Connectivity	
		CHK M. PERCHERKE	28FEB05		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
INCHES		0 PLC ±.01		PRODUCT SPEC	
		1 PLC ±.01		108-1973	
		2 PLC ±.01		APPLICATION SPEC	
		3 PLC ±.005		114-13038	
		4 PLC ±.002		WEIGHT	
		ANGLES ±.020		A100779C=6450542	
MATERIAL		FINISH		CUSTOMER DRAWING	
				SCALE 1:1	
				SHEET 3 OF 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 ±.01
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

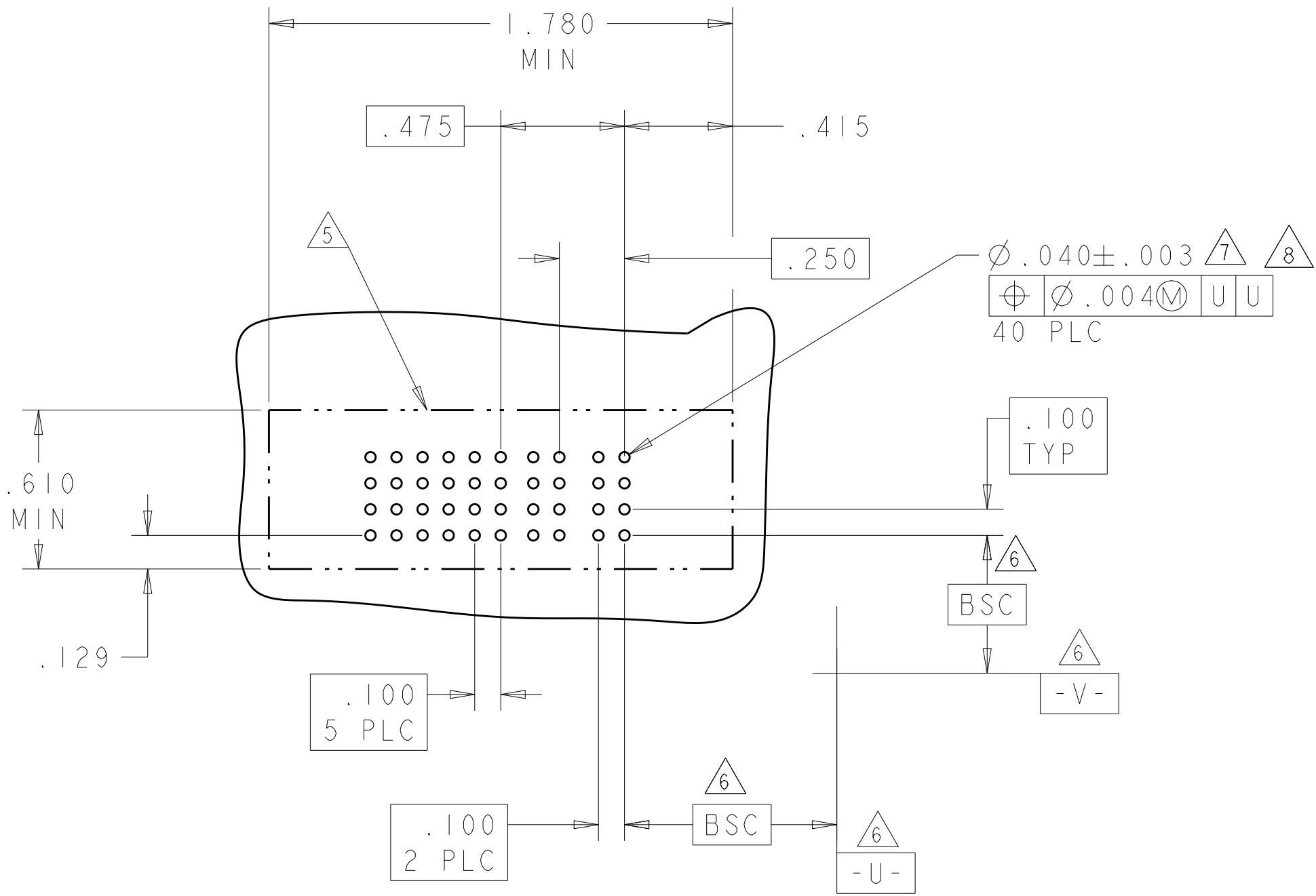
SIZE: A1
CAGE CODE: 00779
DRAWING NO: C=6450542

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

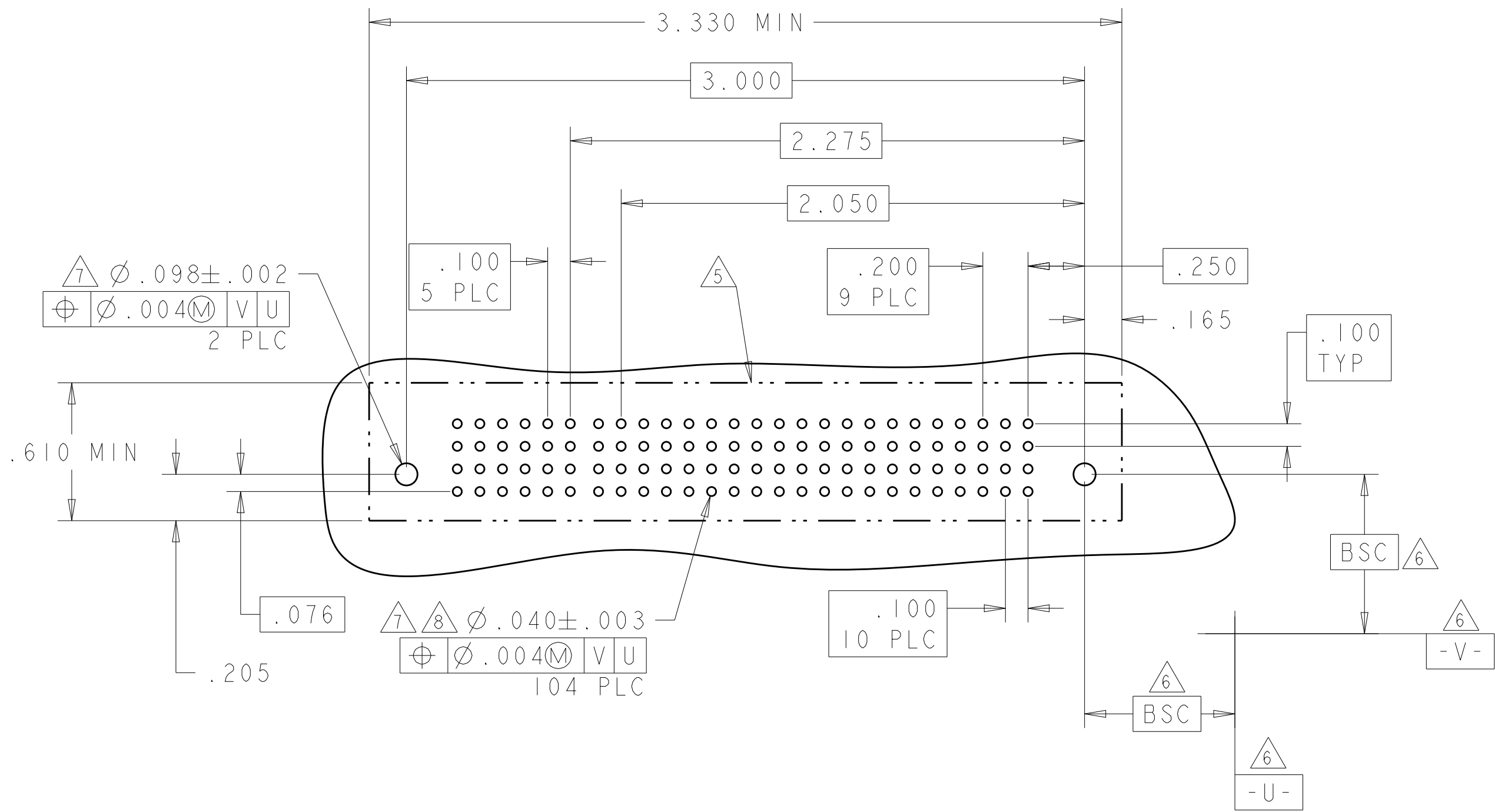
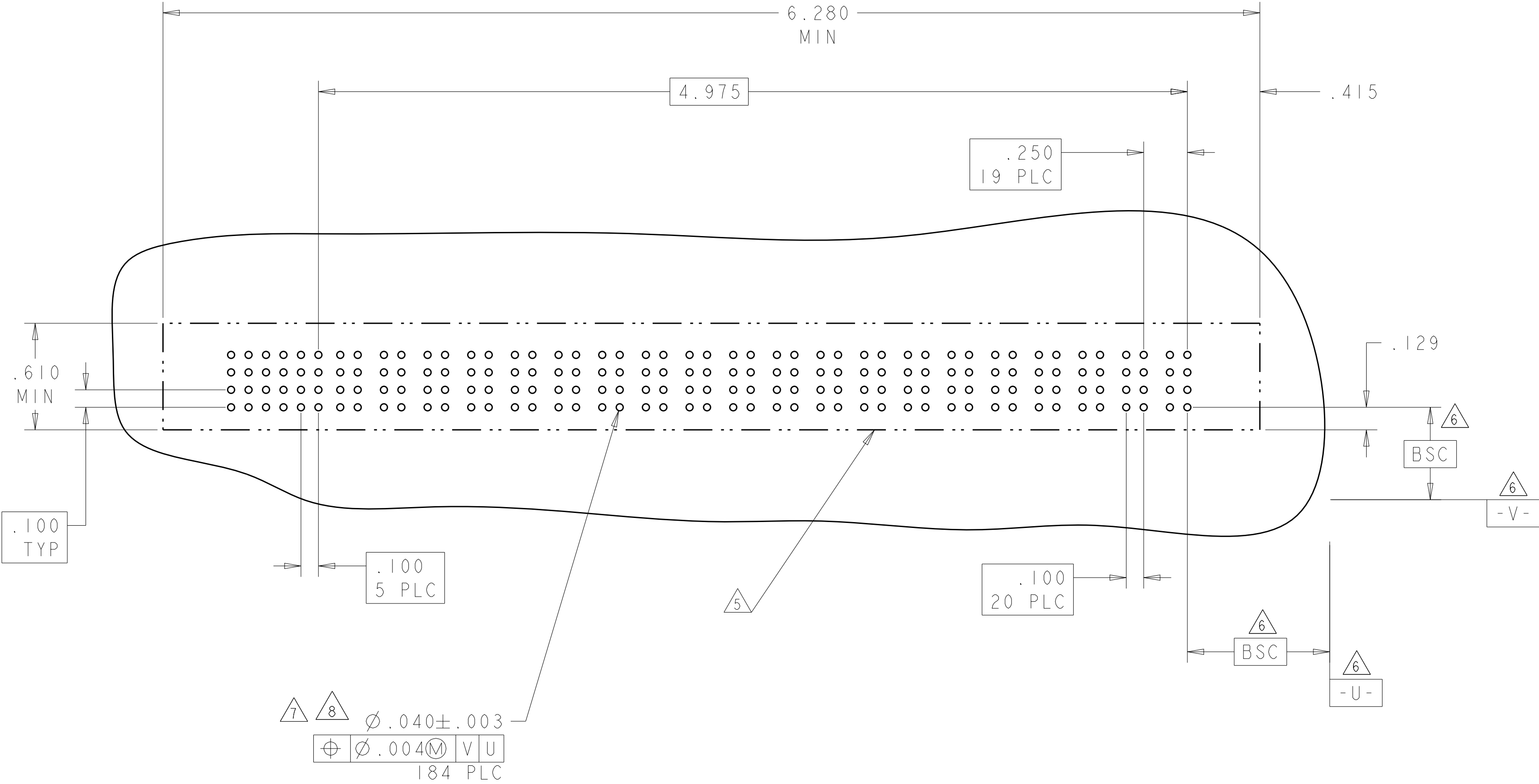
TE Connectivity

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	PI0	P9	P8	P7	P6	P5	P4	P3	P2	PI	
1-6450542-5	D		AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	
	C		AP	AP	AP	AP	AP	AP											
	B		AP	AP	AP	AP	AP	AP											
	A		AP	AP	AP	AP	AP	AP											
10HDP + 24S																			

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 ±.01
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.002
ANGLES ±.2°
FINISH: -

NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE: A100779
CAGE CODE: -
DRAWING NO: 6450542
REV: H2

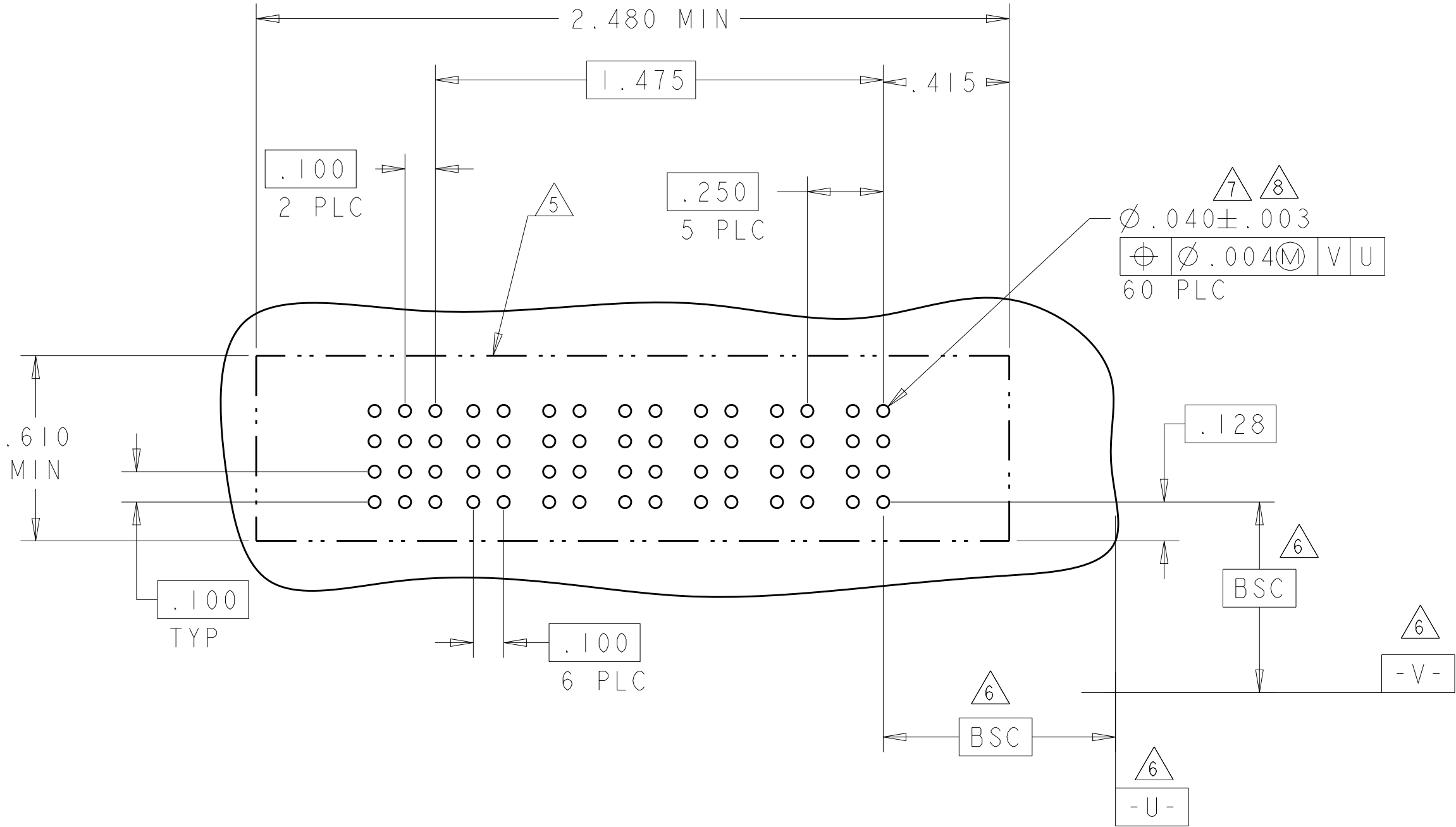
RESTRICTED TO: -

SCALE: 4:1

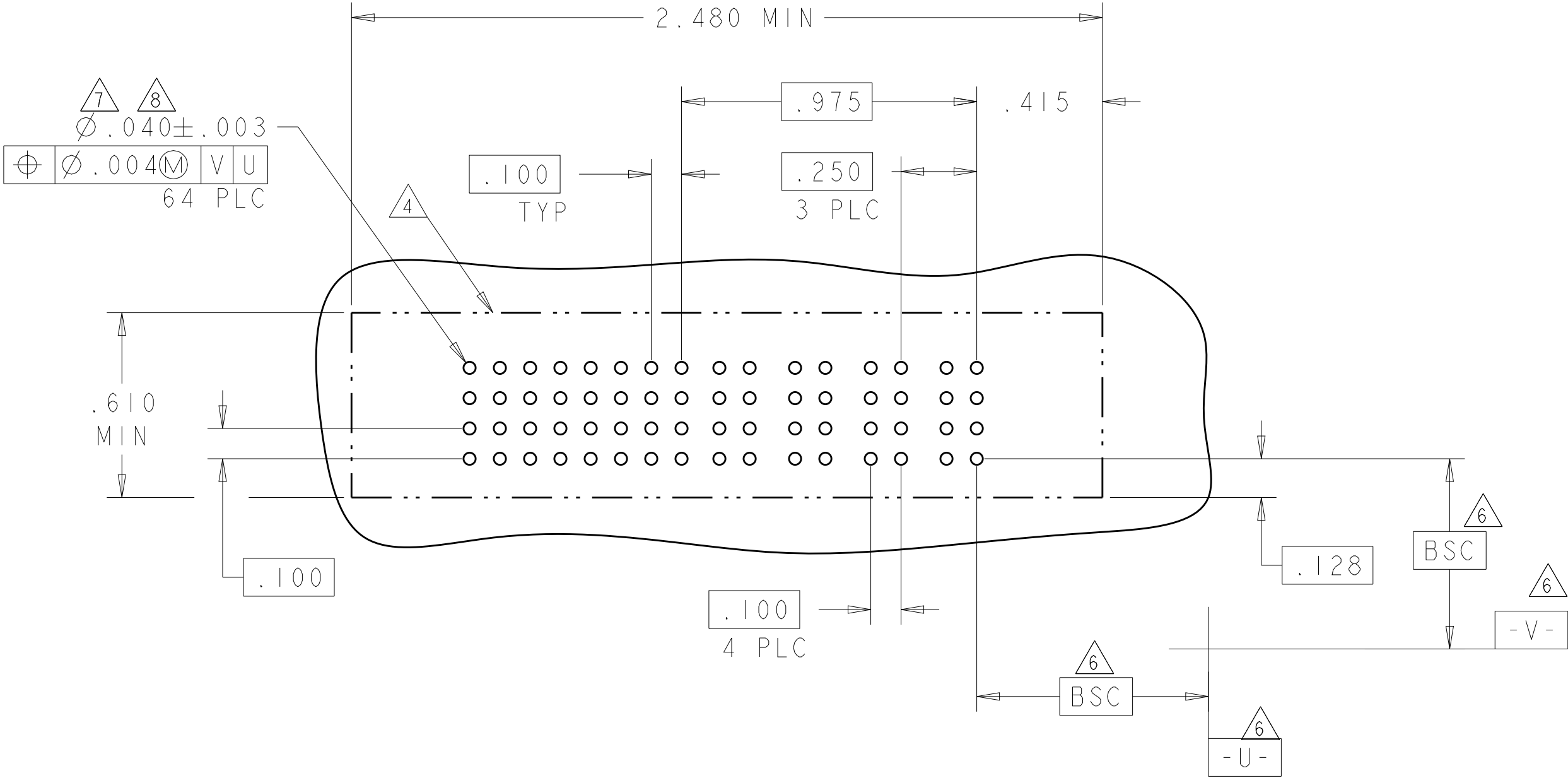
SHEET: 5 OF 10

LOC		DIST		REVISIONS					
ES		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
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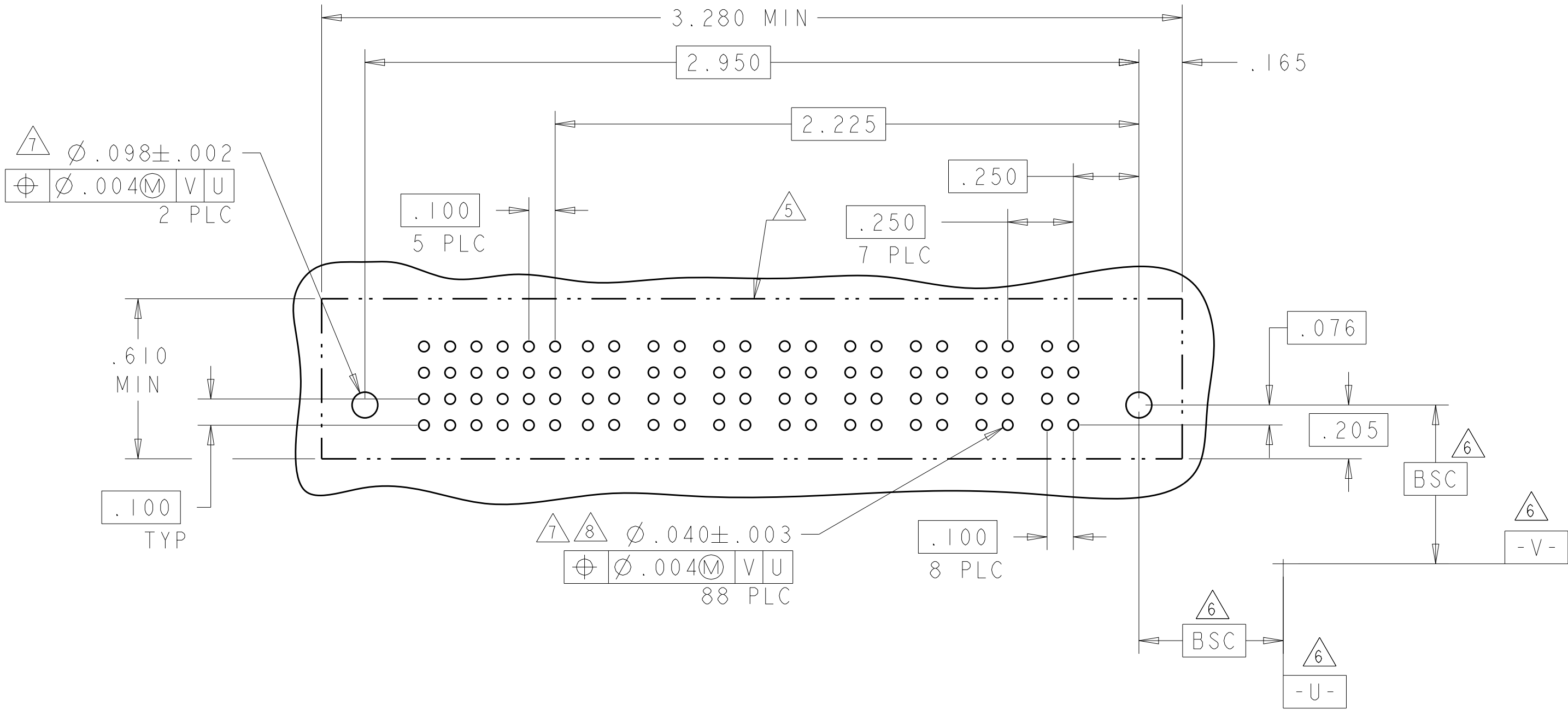
ASSY PART NUMBER	ROWS		SIGNAL			POWER						
			3	2	1	P6	P5	P4	P3	P2	P1	
I - 6450542-6	D C B A		AP	AP	AP	GS	GS	GS	GS	GS	GS	
			AP	AP	AP							
			AP	AP	AP							
			AP	AP	AP							
6P + 12S												



ASSY PART NUMBER	ROWS		SIGNAL								POWER				
			8	7	6	5	4	3	2	1	P4	P3	P2	P1	
1-6450542-7	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					
4P + 32S															



PART NUMBER	ROWS		SIGNAL							POWER								
			6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1		
1-6450542-8	D C B A		AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP	GP	GP		
			AP	AP	AP	AP	AP	AP										
			AP	AP	AP	AP	AP	AP										
			AP	AP	AP	AP	AP	AP										
8P + 24S																		



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DWN
R.GRZYBOWSKI
28FEB95

CHK
M.PERCHEKKE
28FEB05

APVD
M.PERCHEKKE

NAME

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
CUSTOMER DRAWING

TE Connectivity

VERTICAL RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL

SIZE
A100779

CAGE CODE
C=6450542

DRAWING NO

RESTRICTED TO

SCALE
4:1

SHEET
6

OF
10

REV
H2

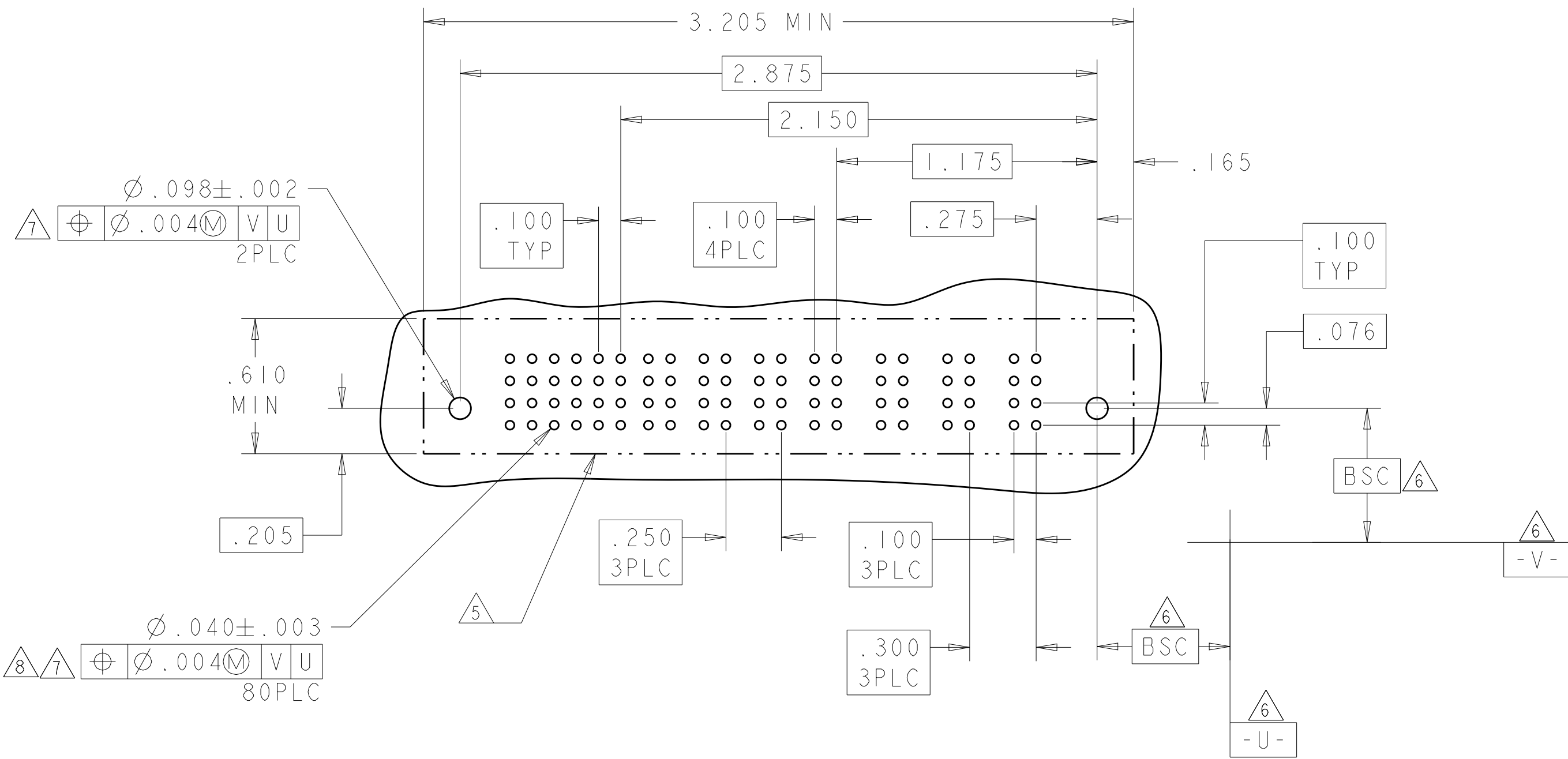
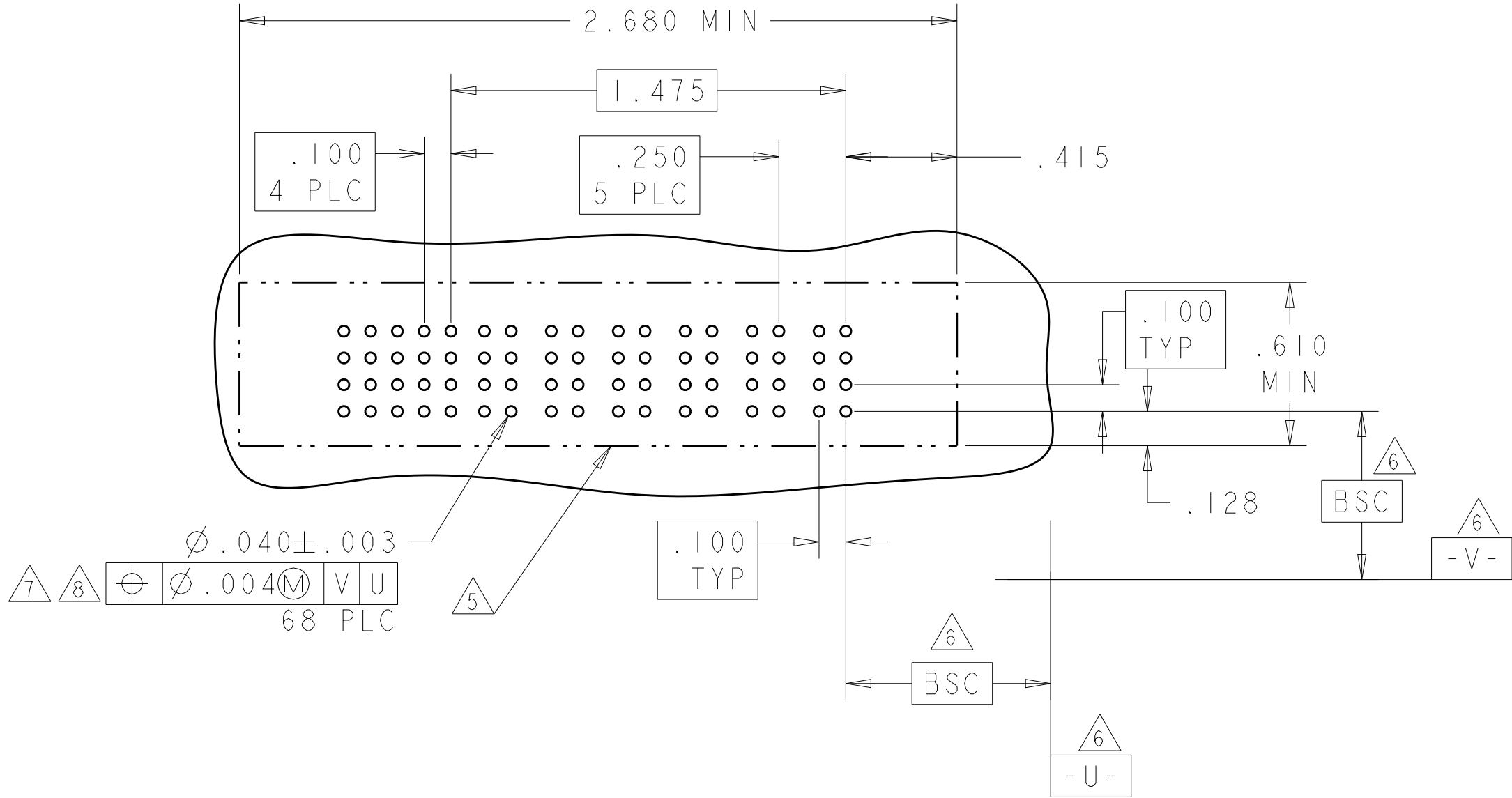
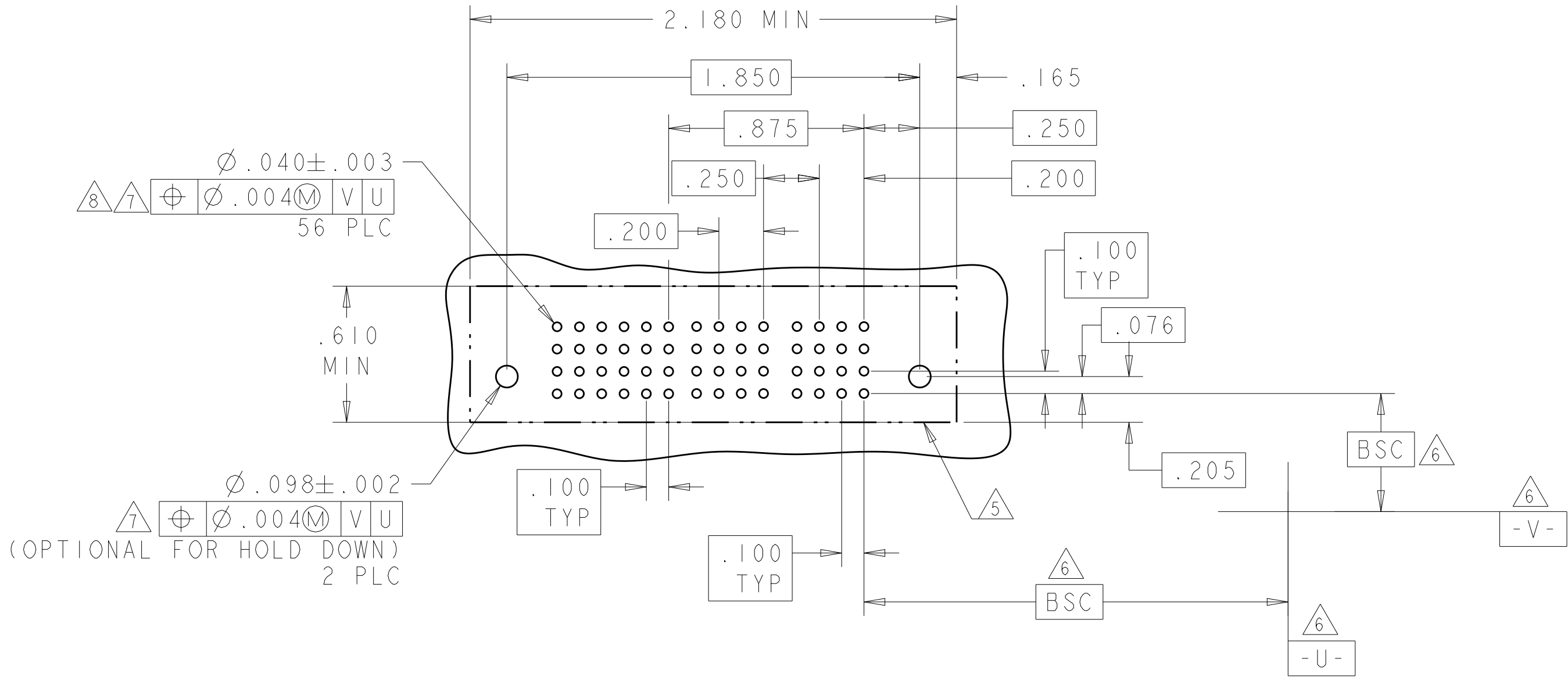
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

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	GS	GS	GS	GS	
			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	GS	GS	GS	GS	GS	GS	
			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.

DWN
R. GRZYBOWSKI
CHK
M. PERCHERKE
APVD
M. PERCHERKE

28FEB95
28FEB05

DIMENSIONS:
INCHES

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

NAME
VERTICAL RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450542

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
4:1

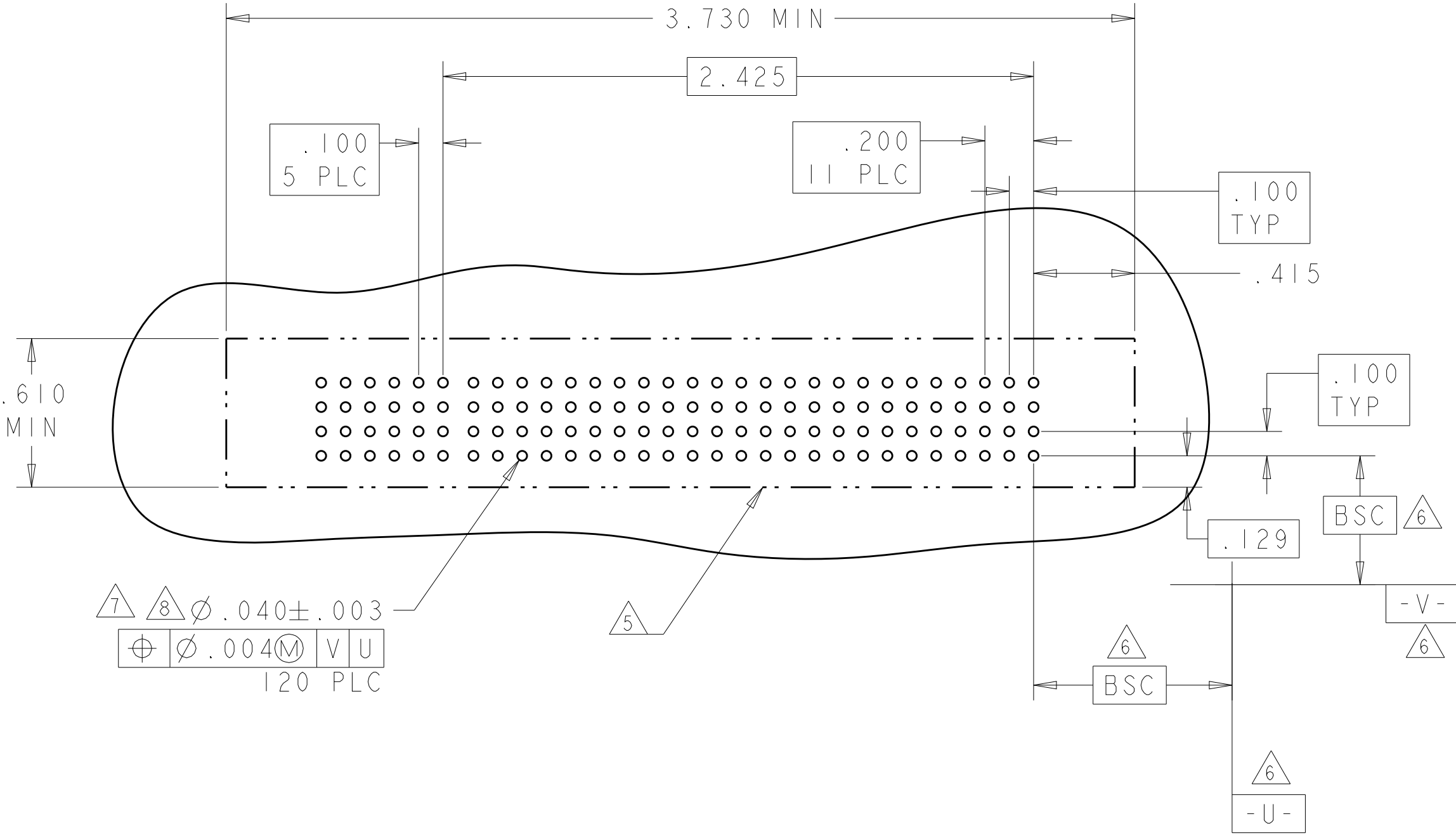
SHEET
7

OF
10

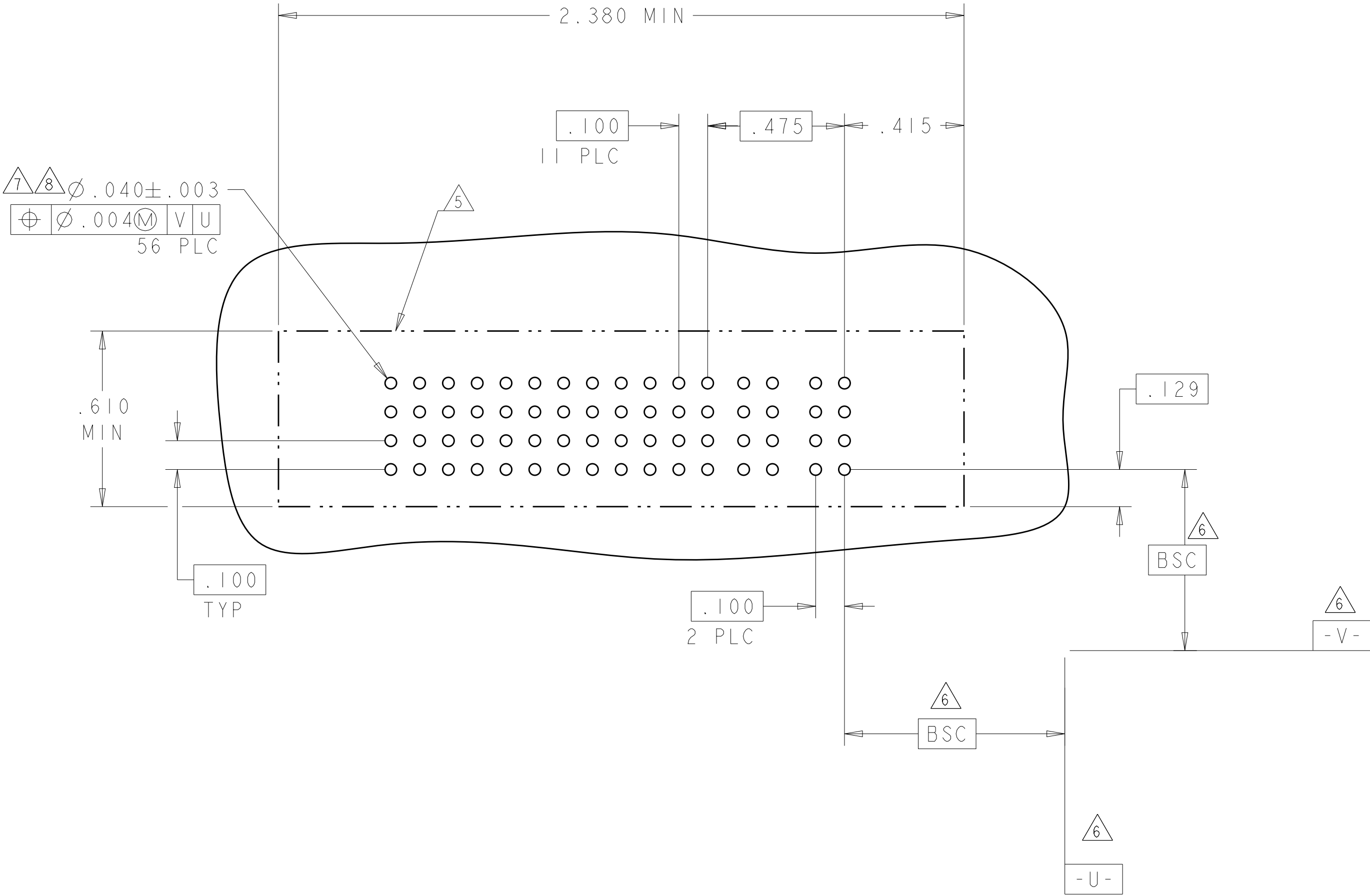
REV
H2

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	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	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
A1

CAGE CODE
100779

DRAWING NO
C=6450542

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:

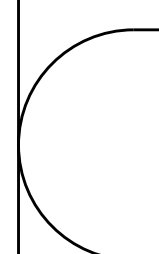
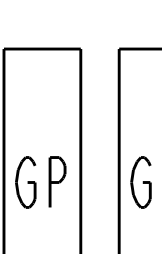
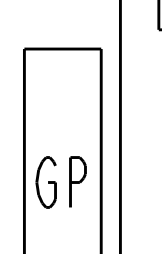
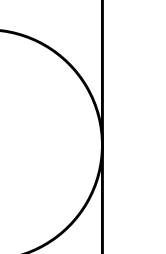
- Feature 8: $\varnothing .004$ (Circular feature)
- Feature 7: $\varnothing .040$ (Circular feature)
- Feature 6: BSC (Basic Feature)
- Feature 5: SC (Surface Feature)
- Feature 4: -U- (Unfinished Surface)
- Feature 3: -V- (Vent or Hole)

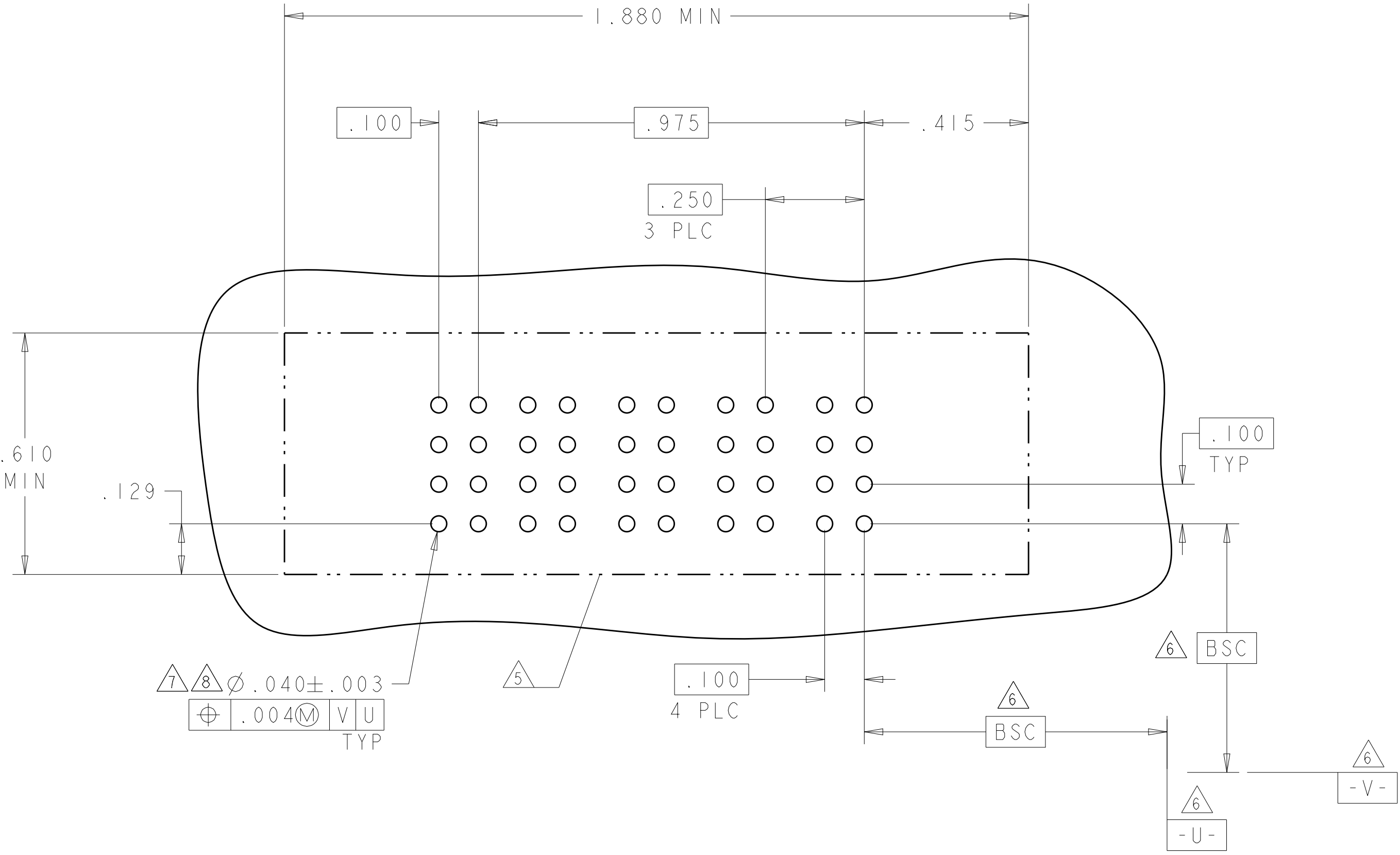
Material and Tolerances:

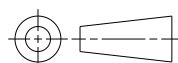
- Material: 148 PLC
- Tolerance: .040
- Surface Finish: 148 PLC

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	 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ± 1 PLC ± 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	
MATERIAL -		WEIGHT -		SIZE A1	
CUSTOMER DRAWING		CAGE CODE 100779		DRAWING NO 6450542	
SCALE 4:1		SHEET 10		REV H2	



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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