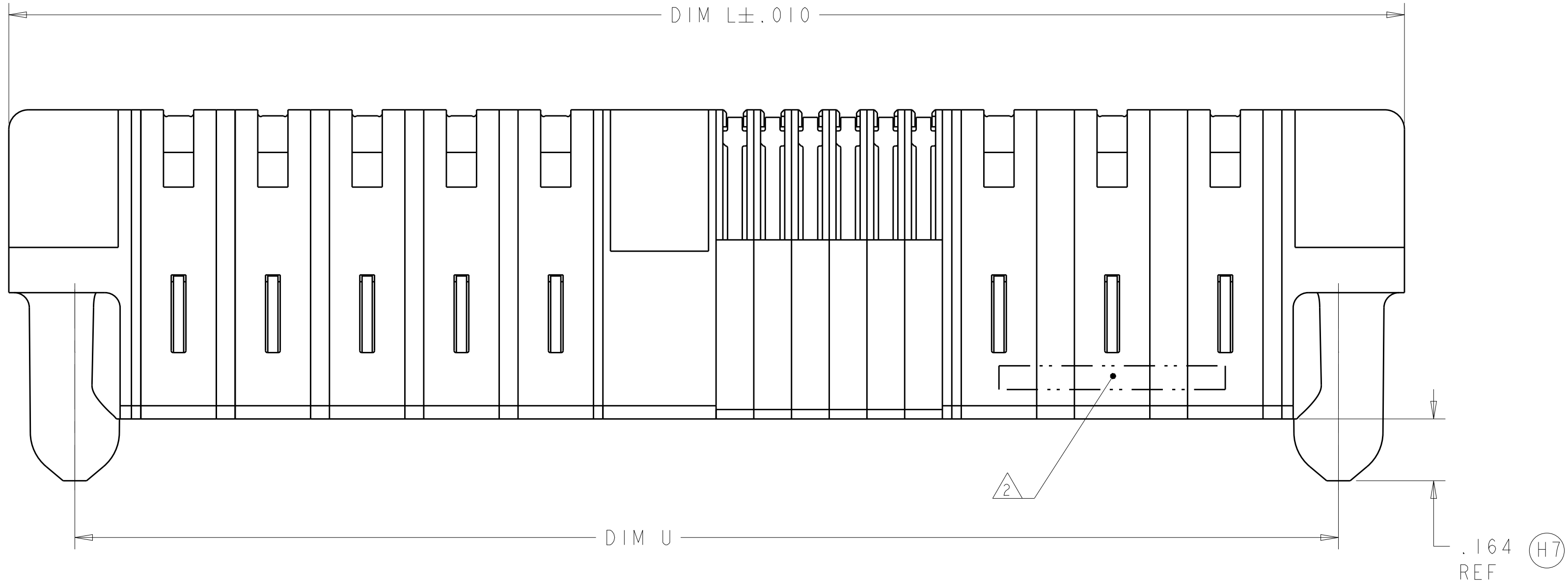
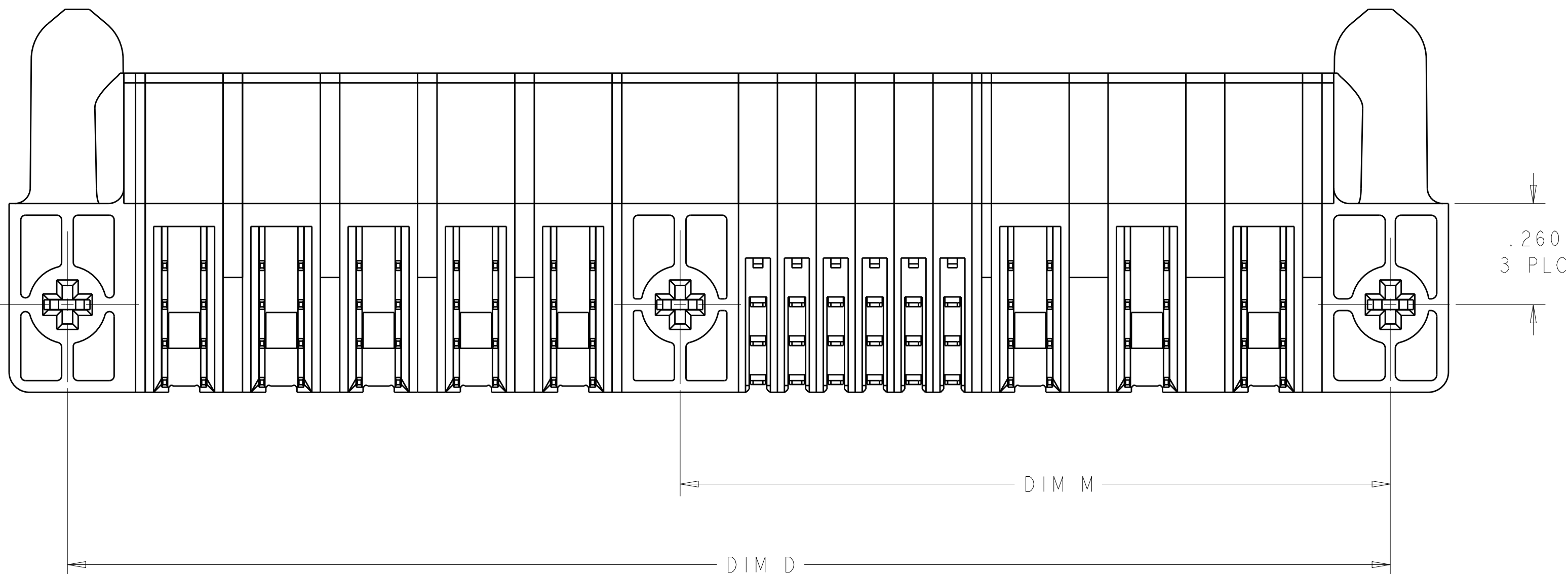
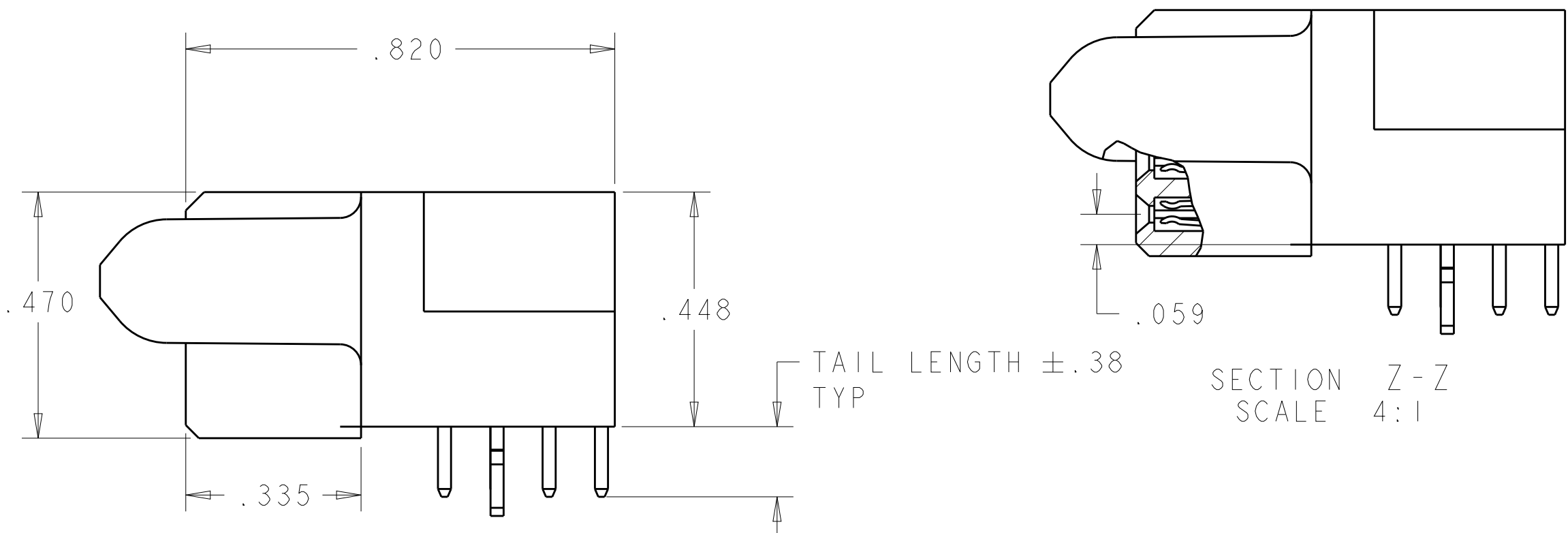
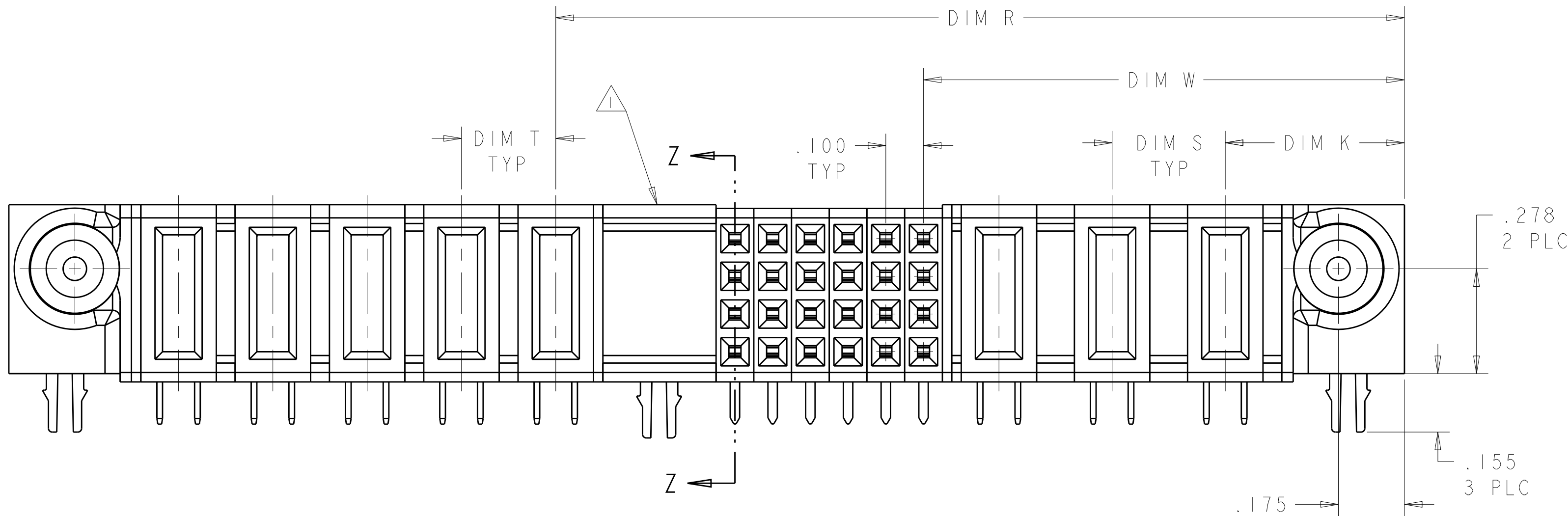


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		J1	REV PER ECR-12-016975	25SEP2012	CZ	SZ
			J3	ADDED NEW DASH NUMBER 4-0	01FEB2013	CZ	SZ
			J5	ADDED NEW DASH NUMBER 4-1	25FEB2014	CZ	SZ



- △1 OPTIONAL CENTER MODULE, WITH .150 THRU HOLE OR HOLD DOWN FEATURE.
- △2 "AMP", PART NUMBER AND DATE CODE TO BE MARKED
- △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 DIAMETER HOLE



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 21FEB05	TE Connectivity	
		CHK M.PERCHEKKE 21FEB05		
DIMENSIONS: INCHES		APVD M.PERCHEKKE	NAME	
		PRODUCT SPEC	RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		108-1973		
		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO	
		114-13038		
MATERIAL		WEIGHT	A100779C=6450170	
FINISH		CUSTOMER DRAWING		
SCALE 4:1		SHEET 1 OF 13		REV J5

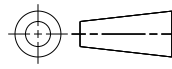
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

J4

2.650	.200	.250	1.550	.875	2.700	-	3.000	.450	2P + 24S + 6P	4-6450170-1
3.100	.250	.250	2.250	1.875	3.150	-	3.450	.450	6P + 12S + 4P	4-6450170-0
1.900	.250	.300	1.550	1.275	1.950	-	2.250	.475	3ACP + 8S + 2P	3-6450170-9
1.800	-	-	1.700	.625	1.850	-	2.150	.450	1P + 40S + 1P	3-6450170-8
1.600	-	-	1.500	.625	1.650	-	1.950	.450	1P + 32S + 1P	3-6450170-7
1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	3-6450170-6
1.550	.250	.250	1.200	.900	1.600	-	1.900	.450	2P + 8S + 2P	3-6450170-5
2.350	.250	.250	1.250	.875	2.400	-	2.700	.450	2P + 12S + 5P	3-6450170-4
2.325	.250	.300	1.975	1.600	2.375	-	2.675	.450	4ACP + 12S + 2P	3-6450170-3
1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	3-6450170-1
2.300	.250	.300	1.950	1.275	2.350	-	2.650	.450	3ACP + 24S + 2P	3-6450170-0
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	2-6450170-9
2.300	.250	.300	1.950	1.275	2.350	-	2.650	.450	3ACP + 24S + 2P	2-6450170-8
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	2-6450170-7
1.950	.250	.250	1.600	1.125	2.000	-	2.300	.450	3P + 16S + 2P	2-6450170-6
1.300	-	-	1.200	.675	1.350	-	1.650	.450	1P + 16S + 1P	2-6450170-0
2.200	.250	.250	1.350	.875	2.250	-	2.550	.450	2P + 16S + 4P	1-6450170-9
2.800	.300	.250	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	1-6450170-8
3.000	.250	.250	2.150	1.425	3.050	-	3.350	.450	4P + 24S + 4P	1-6450170-4
2.600	.200	.200	1.925	1.175	2.650	-	2.950	.425	4P + 28S + 4P	1-6450170-1
1.575	-	-	1.425	.700	1.625	-	1.925	.475	1P + 24S + 1P	1-6450170-0
2.500	.250	.250	2.150	.875	2.550	-	2.850	.450	2P + 48S + 2P	6450170-9
3.300	.250	.300	1.950	1.275	3.350	-	3.650	.475	3ACP +24S + 6P	6450170-8
1.400	.250	.250	1.300	.625	1.450	-	1.750	.450	1P + 24S + 1P	6450170-6
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	6450170-5
4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	6450170-4
3.650	.250	.300	2.550	1.275	3.700	-	4.000	.475	3ACP + 48S + 5P	6450170-3
3.050	.250	.300	1.950	1.275	3.100	-	3.400	.475	3ACP +24S + 5P	6450170-2
2.550	.250	.300	2.200	1.525	2.600	-	2.900	.475	3ACP+1P+24S+2P	6450170-1
DIM U	DIM T	DIM S	DIM R	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES



MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±.01
±.005
±.0020
#2°
-

DWN
R.GRZYBOWSKI

CHK
M.PERCHEKKE

APVD
M.PERCHEKKE

PRODUCT SPEC
108-1973

APPLICATION SPEC
114-13038

WEIGHT
-

CUSTOMER DRAWING

21FE805

21FE805

-

NAME
RIGHT ANGLE RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL

SIZE
A1

CAGE CODE
100779

DRAWING NO
6450170

RESTRICTED TO
-

SCALE
4:1

SHEET
2

OF
13

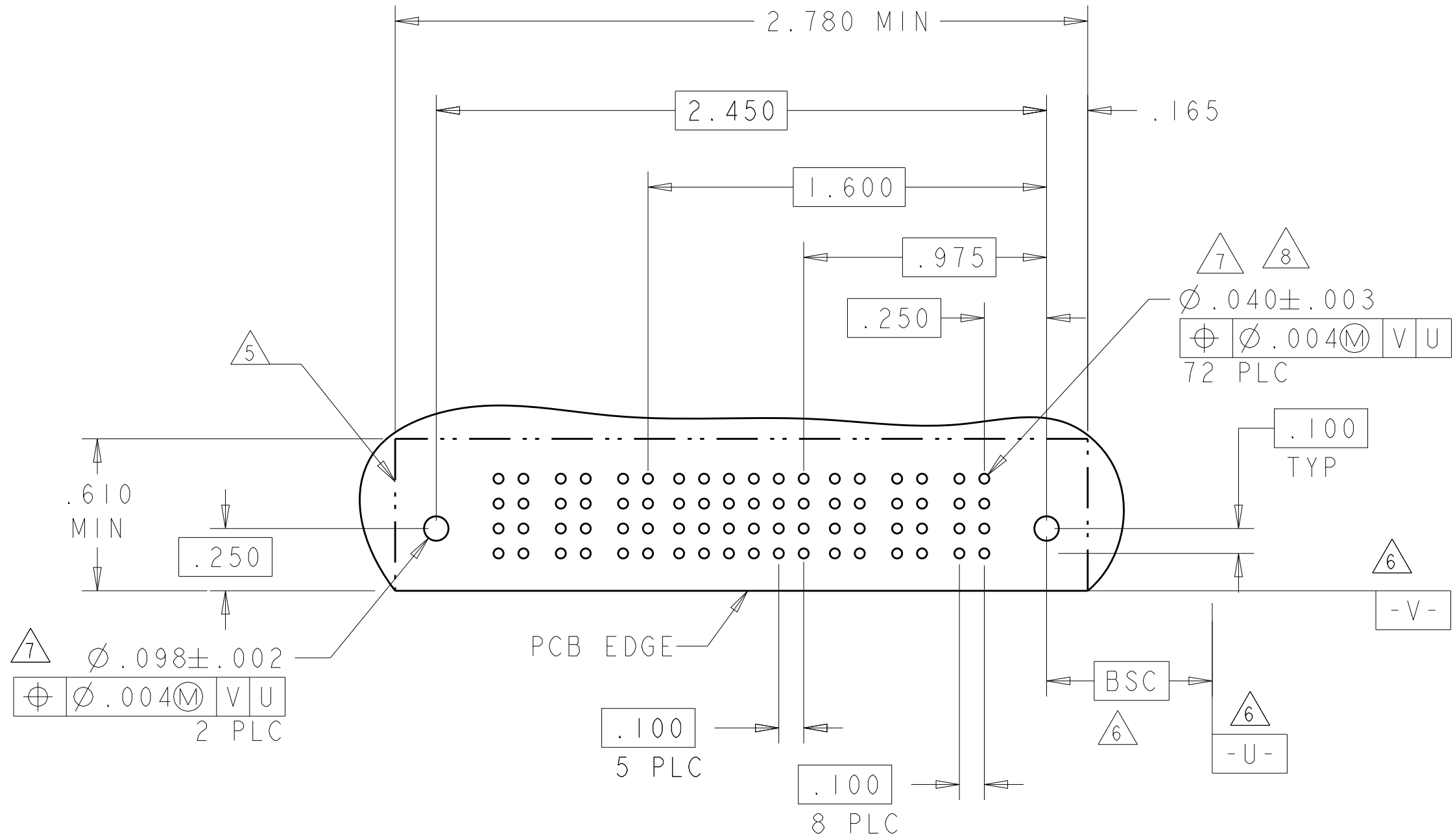
REV
J5

4805 (3/11)

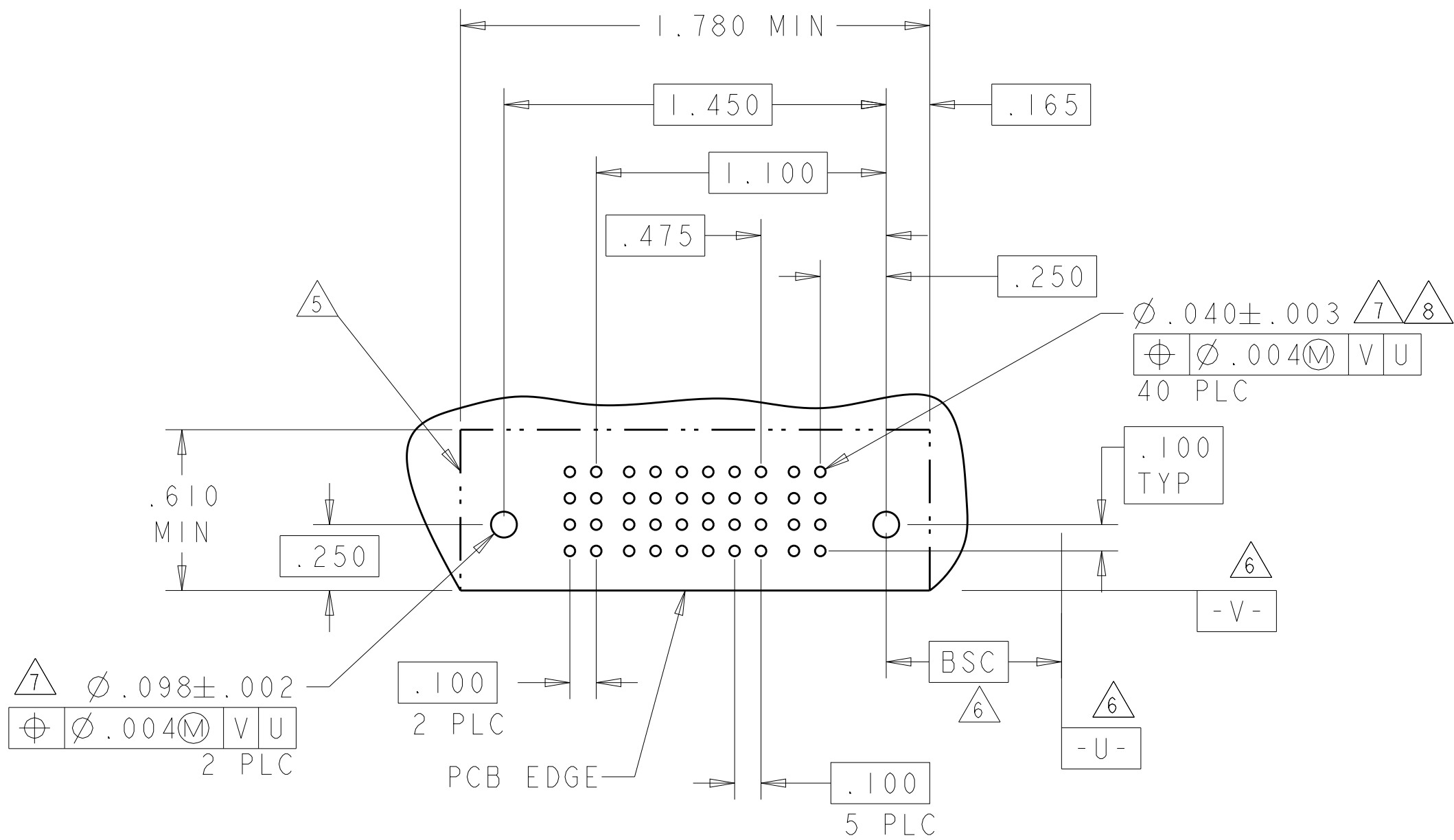
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: GRZYBOWSKI 21FE005 CHG: M PERCHERKE 21FE005		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PL/C ±. 1 PL/C ±. 2 PL/C ±.01 3 PL/C ±.005 4 PL/C ±.002 ANGLES ±°		NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038		SIZE: CAGE CODE: DRAWING NO: A100779 ©6450170	
MATERIAL: - FINISH: -		WEIGHT: - CUSTOMER DRAWING		RESTRICTED TO: - SCALE: 1:1 SHEET 3 OF 13 REV. 1	

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

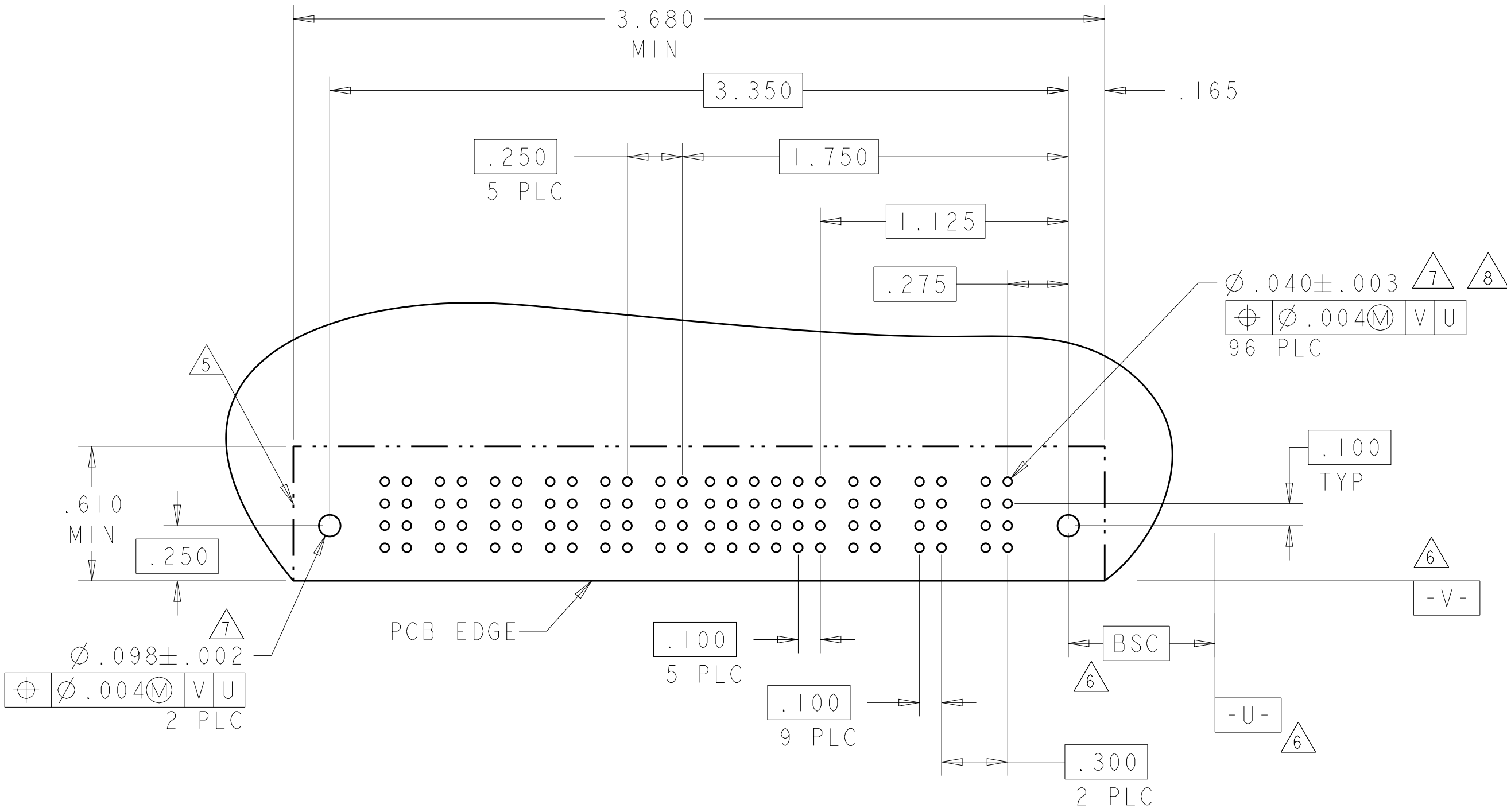
PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	
6450170-5	D C B A		RA	RM	RM	H	G	H	G	H	H	H	RM	RM	RA
						G	G	G	G	G	G	G			
						F	F	F	F	F	F	F			
						E	E	E	E	E	E	E			
3P + 24S + 3P															



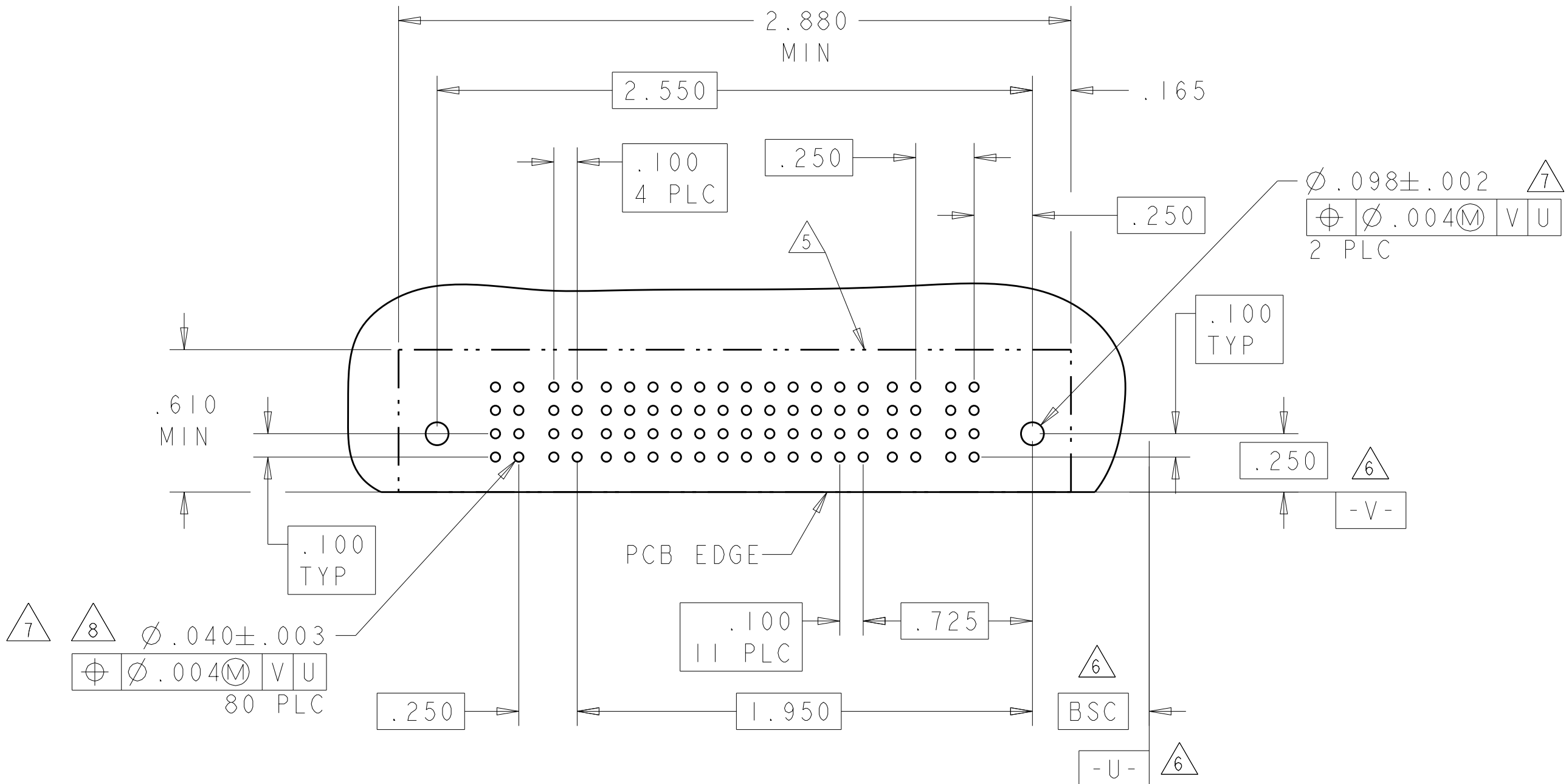
PART NUMBER	ROWS	POWER		SIGNAL							POWER		
		P2		6	5	4	3	2	1	P1			
6450170-6	D C B A		RB	K	L	L	L	L	L	L	L	RM	
				K	K	K	K	K	K	K	K		
				J	J	J	J	J	J	J	J		
IP + 24S + IP		HD											HD



PART NUMBER	ROWS		POWER					SIGNAL					POWER				
			P9	P8	P7	P6	P5	P4	6	5	4	3	2	1	P3		P2
6450170-8	D C B A		RM	RM	RM	RM	RM	RM	H	H	H	H	H	RA	RM	RM	RM
3ACP + 24S + 6P																	

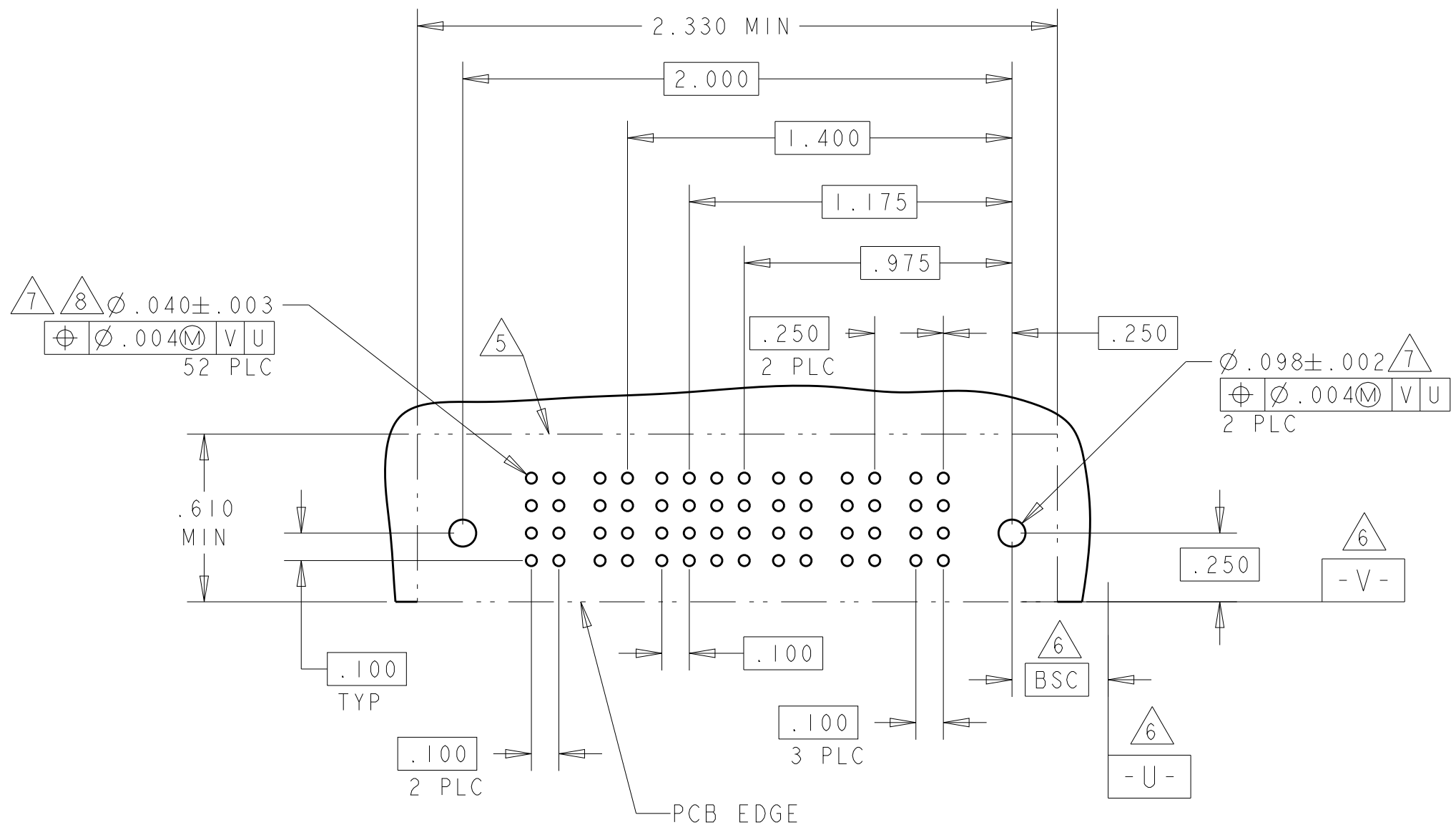


PART NUMBER	ROWS			POWER		SIGNAL												POWER			
		P4	P3	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1				
6450170-9	D C B A			RM	RA	H	H	H	H	H	H	H	H	H	H	H	H	RM	RA		
						G	G	G	G	G	G	G	G	G	G	G	G				
						F	F	F	F	F	F	F	F	F	F	F	F				
						E	E	E	E	E	E	E	E	E	E	E	E				
2P + 48S + 2P																				HD	

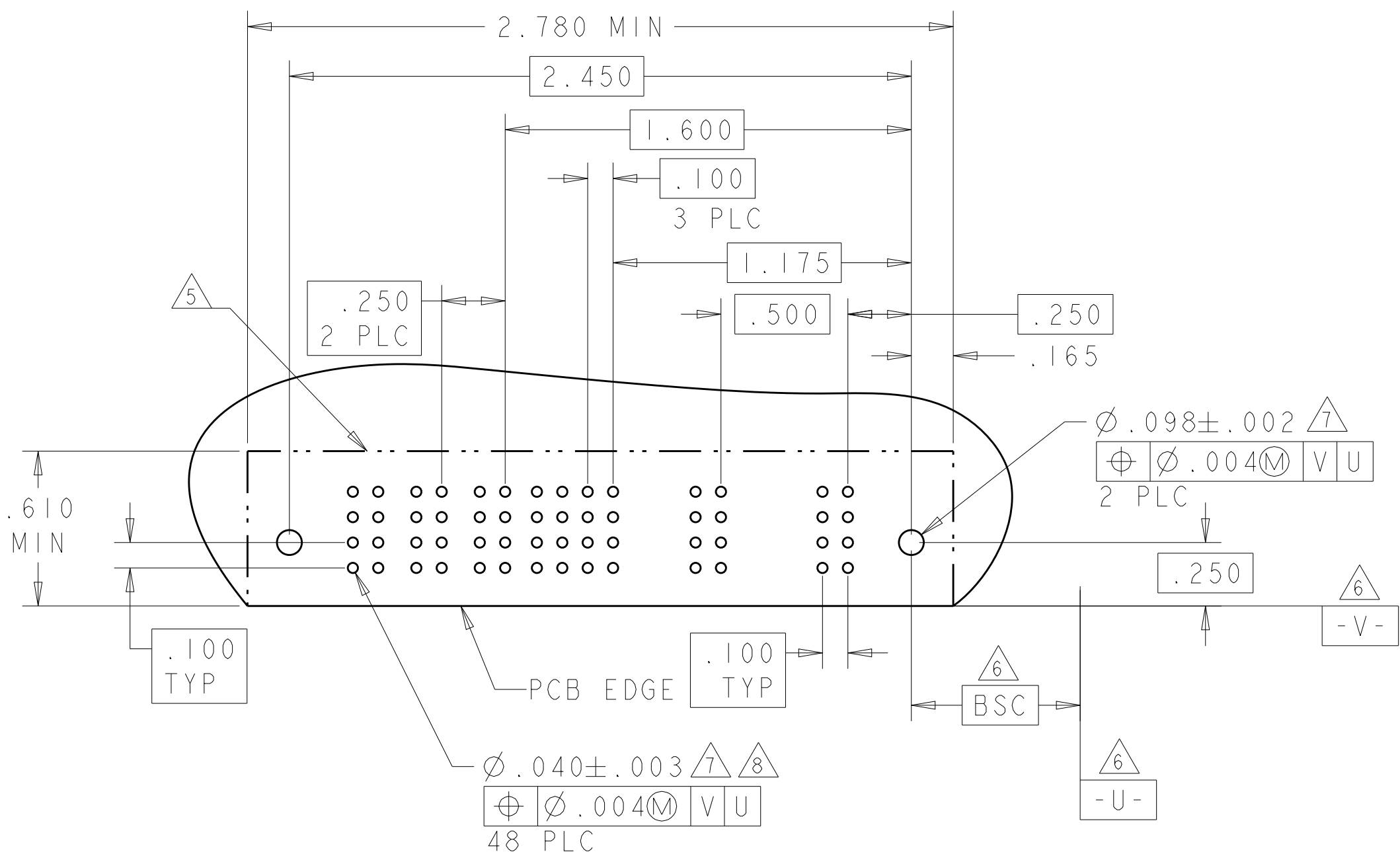


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	21FEB05	NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	SIZE A1	CAGE CODE 100779	DRAWING NO C=6450170	RESTRICTED TO -
DIMENSIONS: INCHES		CHK M. PERCHERKE	21FEB05					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE	-	APPLICATION SPEC 108-1973	SCALE 4:1	SHEET 4	OF 13	REV J5
0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.2°		PRODUCT SPEC 108-1973	-					
MATERIAL -		FINISH -	-	CUSTOMER DRAWING	SCALE 4:1	SHEET 4	OF 13	REV J5

PART NUMBER	ROWS	POWER		SIGNAL			POWER			
		P5	P4	4	3	2	1	P3	P2	
2-6450170-6	D	                     	C	                     	B	                     	A	                     		



PART NUMBER	ROWS		POWER			SIGNAL							POWER		
			P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	
2-6450170-7	D C B A														
3P + 24S + 3P															

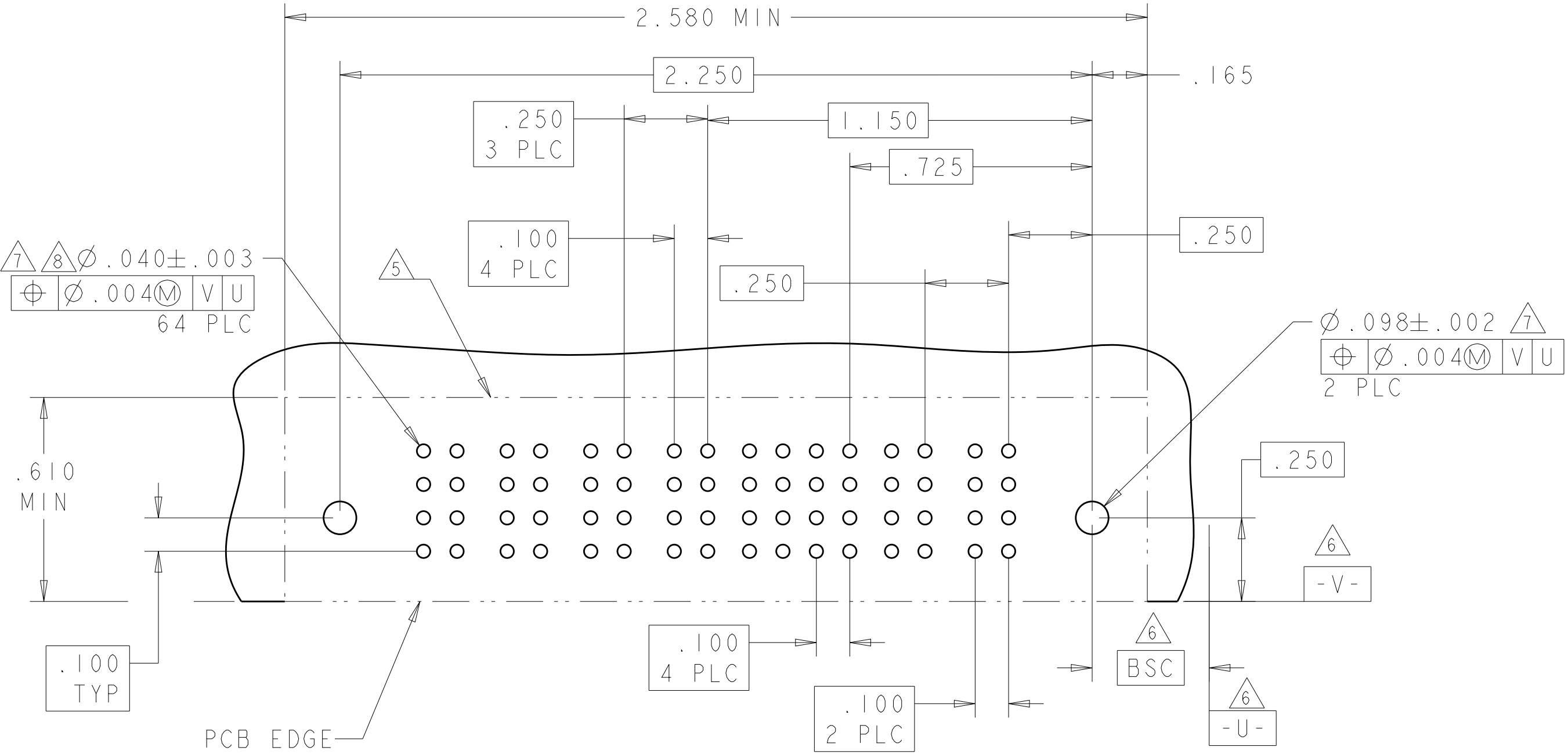
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—NO CONTACTS LOADED

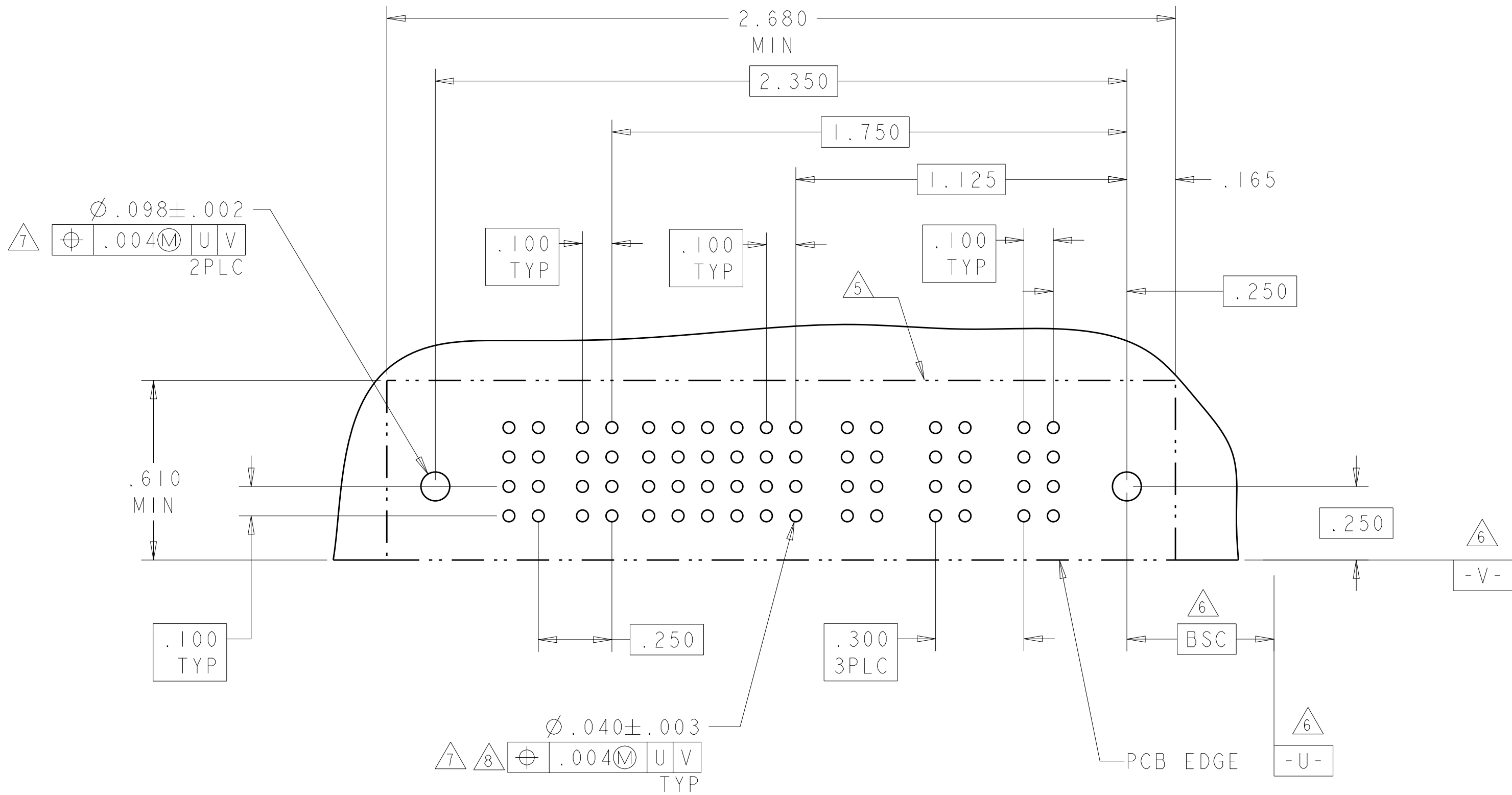
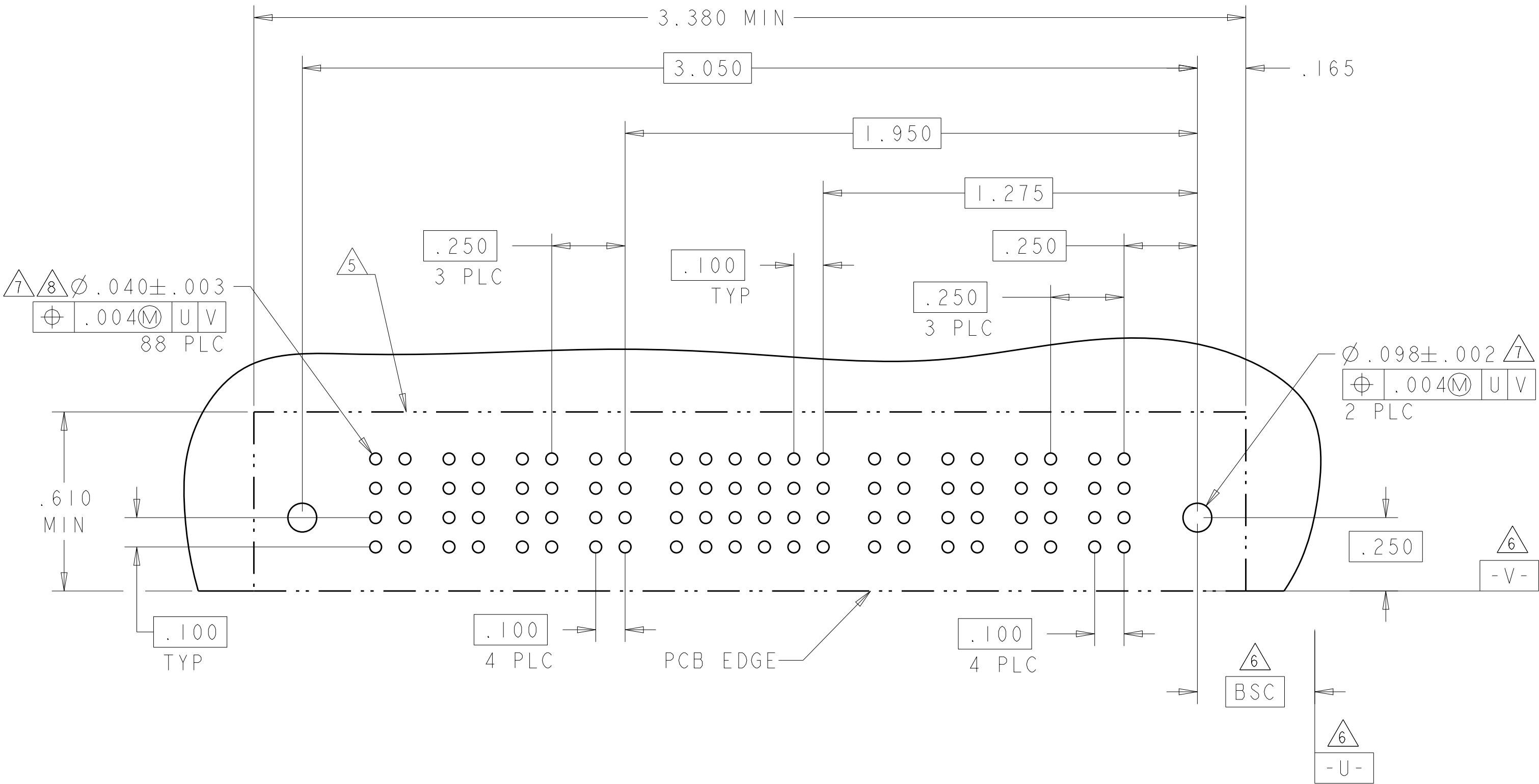
4805 (3/11)

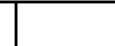
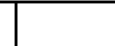
LOC		DIST		REVISIONS				
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		-		SEE SHEET 1	-	-	-	

PART NUMBER	ROWS		POWER				SIGNAL				POWER		
			P6	P5	P4	P3	4	3	2	1	P2	P1	
1-6450170-9	D		RA	RA	RM	RM	H	H	H	H	RM	RA	
	C						G	G	G	G			
	B						F	F	F	F			
	A						E	E	E	E			
2P + 16S + 4P													



PART NUMBER	ROWS		POWER				SIGNAL						POWER				
			P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	
1-6450170-4	D C B A	HD	RA	RA	RA	RA	H	H	H	H	H	H	RA	RA	RA	RA	
							G	G	G	G	G	G					
							F	F	F	F	F	F					
							E	E	E	E	E	E					
4P + 24S + 4P																	



PART NUMBER	ROWS		POWER		SIGNAL						AC POWER			
			P5	P4	6	5	4	3	2	1	P3	P2	P1	
2-6450170-8	D		RA	RA	H	H	H	H	H	H	RA	RM	RM	
	G				G	G	G	G	G					
	F				F	F	F	F	F					
	E				E	E	E	E	E					
3ACP + 24S + 2P														

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN R.GRZYBOWSKI 21FEB05
CHK M.PERCHEKKE 21FEB05
APVD M.PERCHEKKE

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

CUSTOMER DRAWING

TE Connectivity

RIGHT ANGLE RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL

SIZE 100779
CAGE CODE C=6450170
DRAWING NO 13
REV J5

RESTRICTED TO

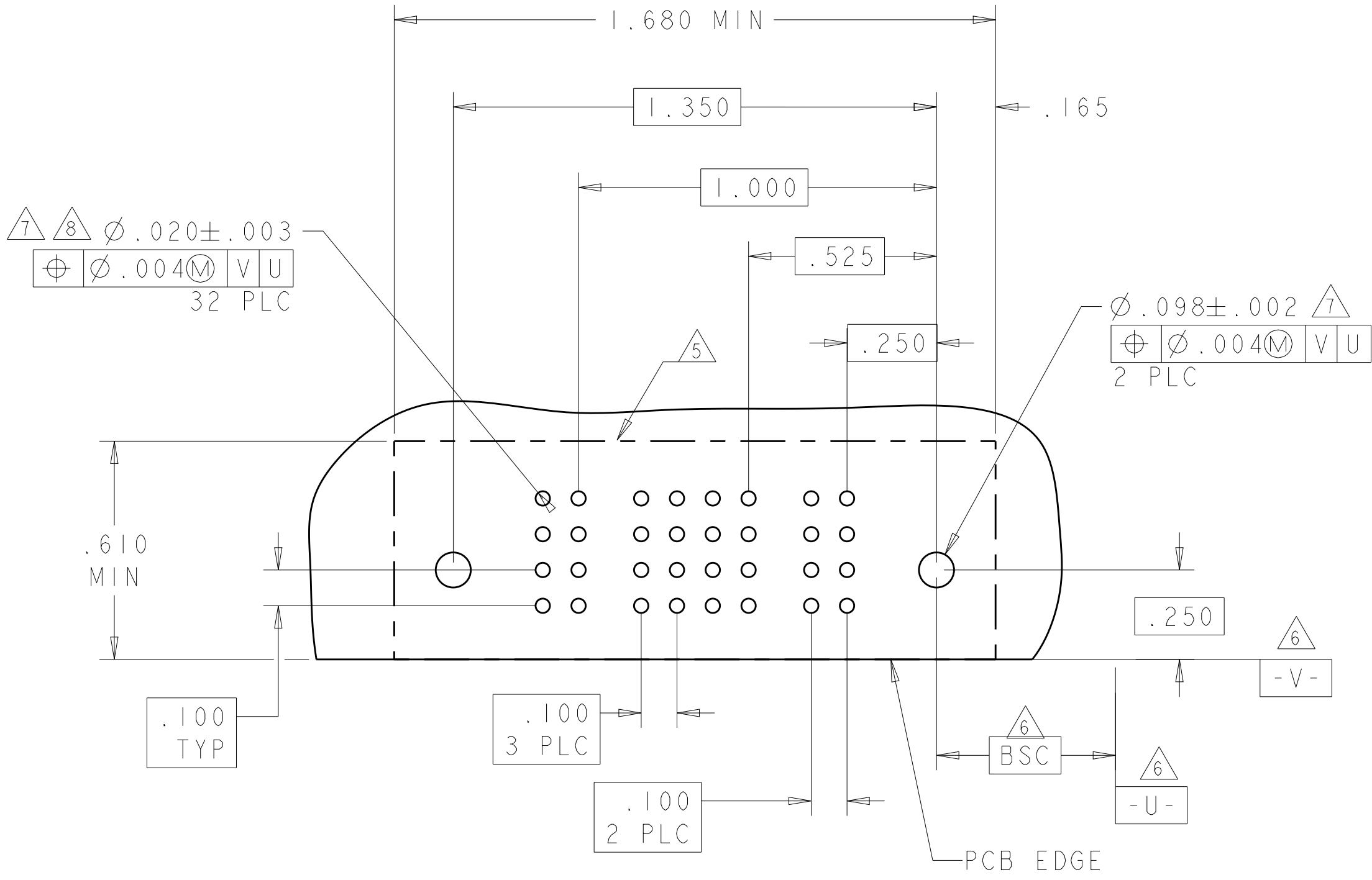
SCALE 4:1

SHEET 6 OF 13

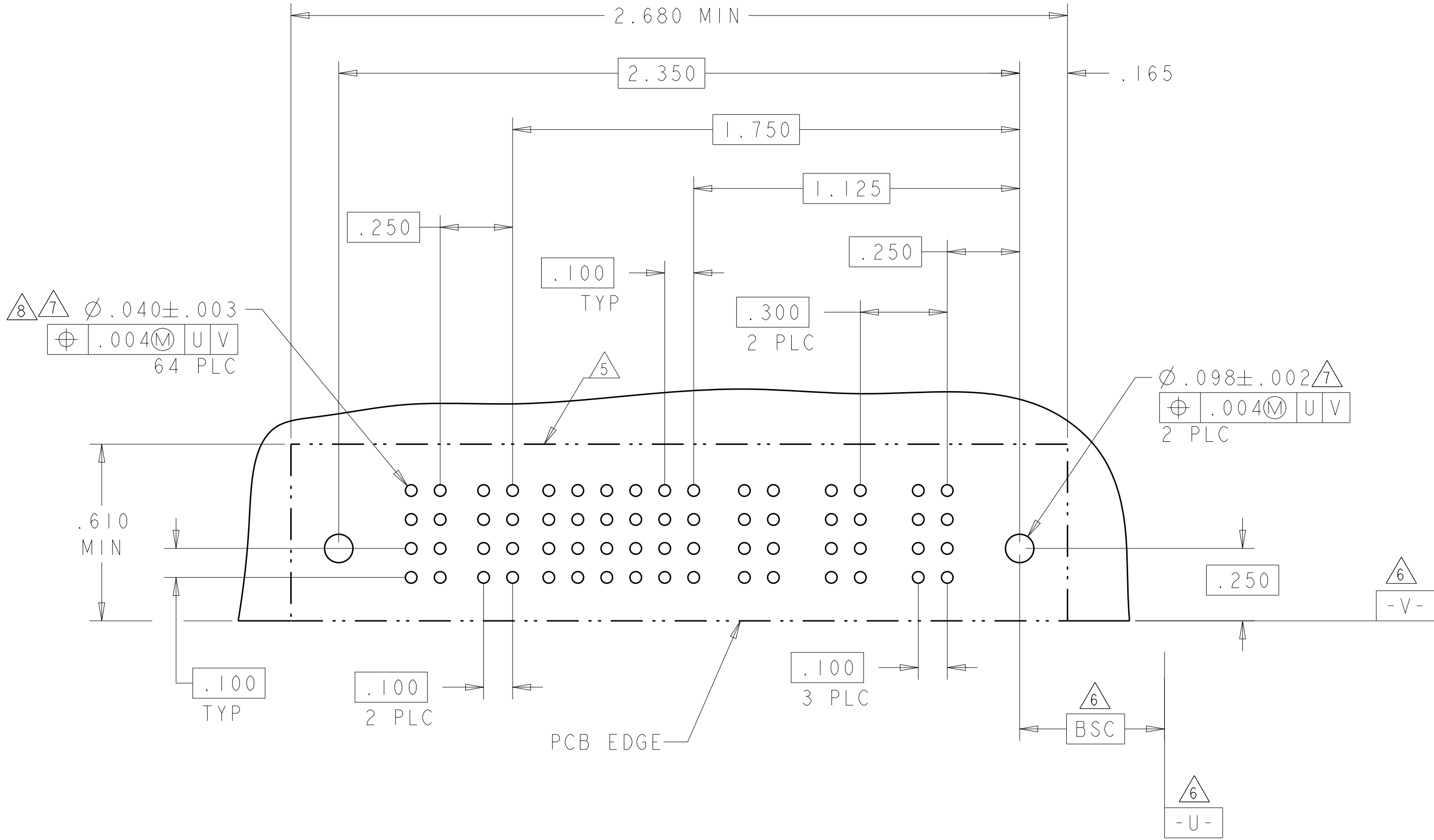
REV J5

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

PART NUMBER	ROWS		POWER		SIGNAL				POWER																				
			P2		4	3	2	1	P1																				
2-6450170-0	D C B A		RM	<table><tr><td>H</td><td>H</td><td>H</td><td>H</td></tr><tr><td>G</td><td>G</td><td>G</td><td>G</td></tr><tr><td>F</td><td>F</td><td>F</td><td>F</td></tr><tr><td>E</td><td>E</td><td>E</td><td>E</td></tr></table>								H	H	H	H	G	G	G	G	F	F	F	F	E	E	E	E	RM	
				H	H	H	H																						
				G	G	G	G																						
F		F	F	F																									
E		E	E	E																									
		HD					E	E	E	E			HD																
IP + 16S + IP																													



PART NUMBER	ROWS		POWER		SIGNAL						AC POWER			
			P5	P4	6	5	4	3	2	1	P3	P2	P1	
3-6450170-0	D C B A		RM	RM	H	H	H	H	H	H	RA	RM	RM	
					G	G	G	G	G	G				
					F	F	F	F	F	F				
			HD			E	E	E	E	E	E			
3ACP + 24S + 2P														



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

21FEB05
21FEB05
-

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

NAME
RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE
A100779

CAGE CODE
C=6450170

DRAWING NO
REV
J5

TE Connectivity

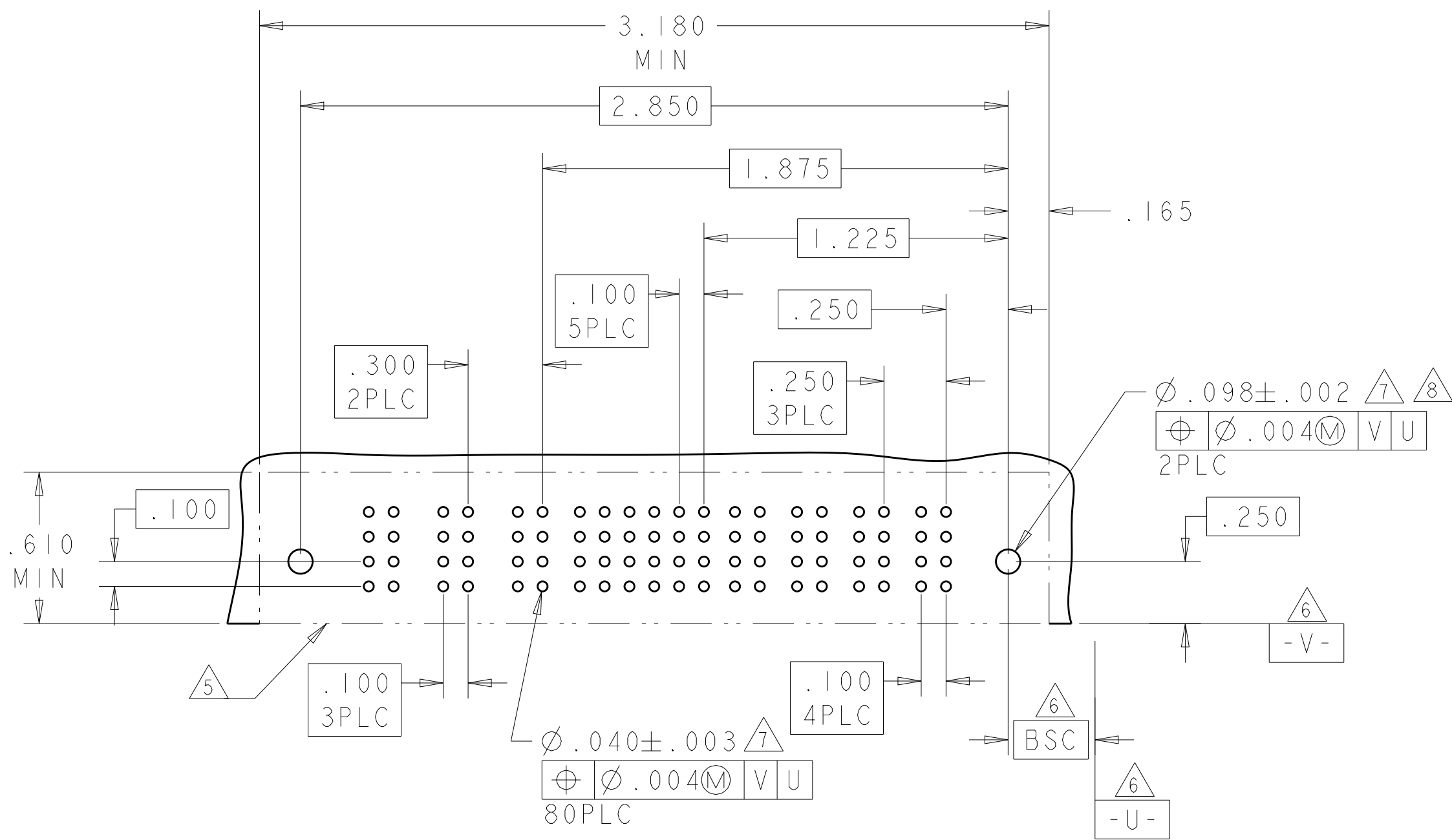
SCALE
4:1

SHEET
7

OF
13

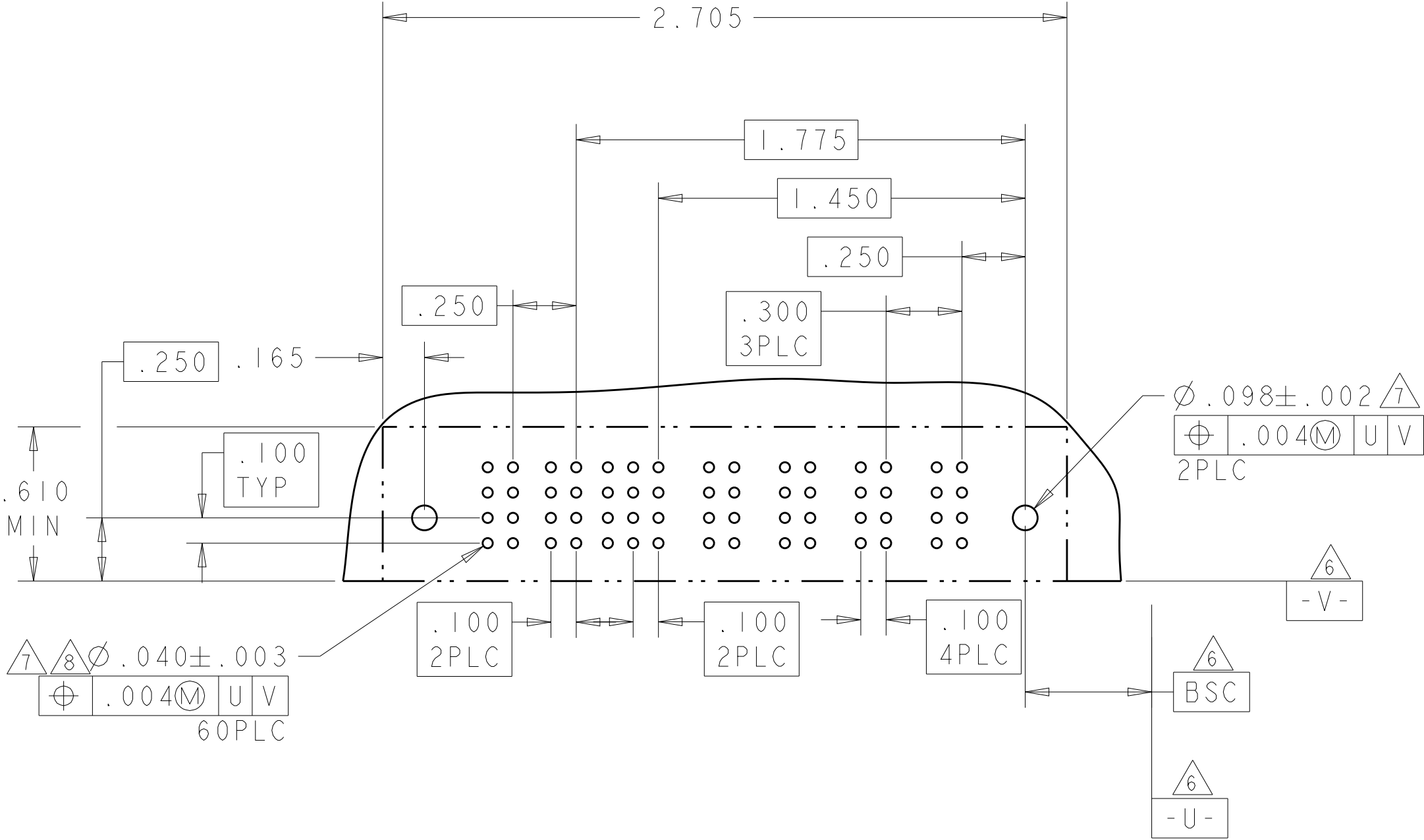
REV
J5

PART NUMBER	ROWS		POWER			SIGNAL						POWER				
			P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	
I-6450170-8	D C B A		RM	RM	RA	H	H	H	H	H	H	RM	RM	RM	RM	
						G	G	G	G	G	G					
						F	F	F	F	F	F					
						E	E	E	E	E	E					
4P + 24S + 3ACP																

4805 (3/11)

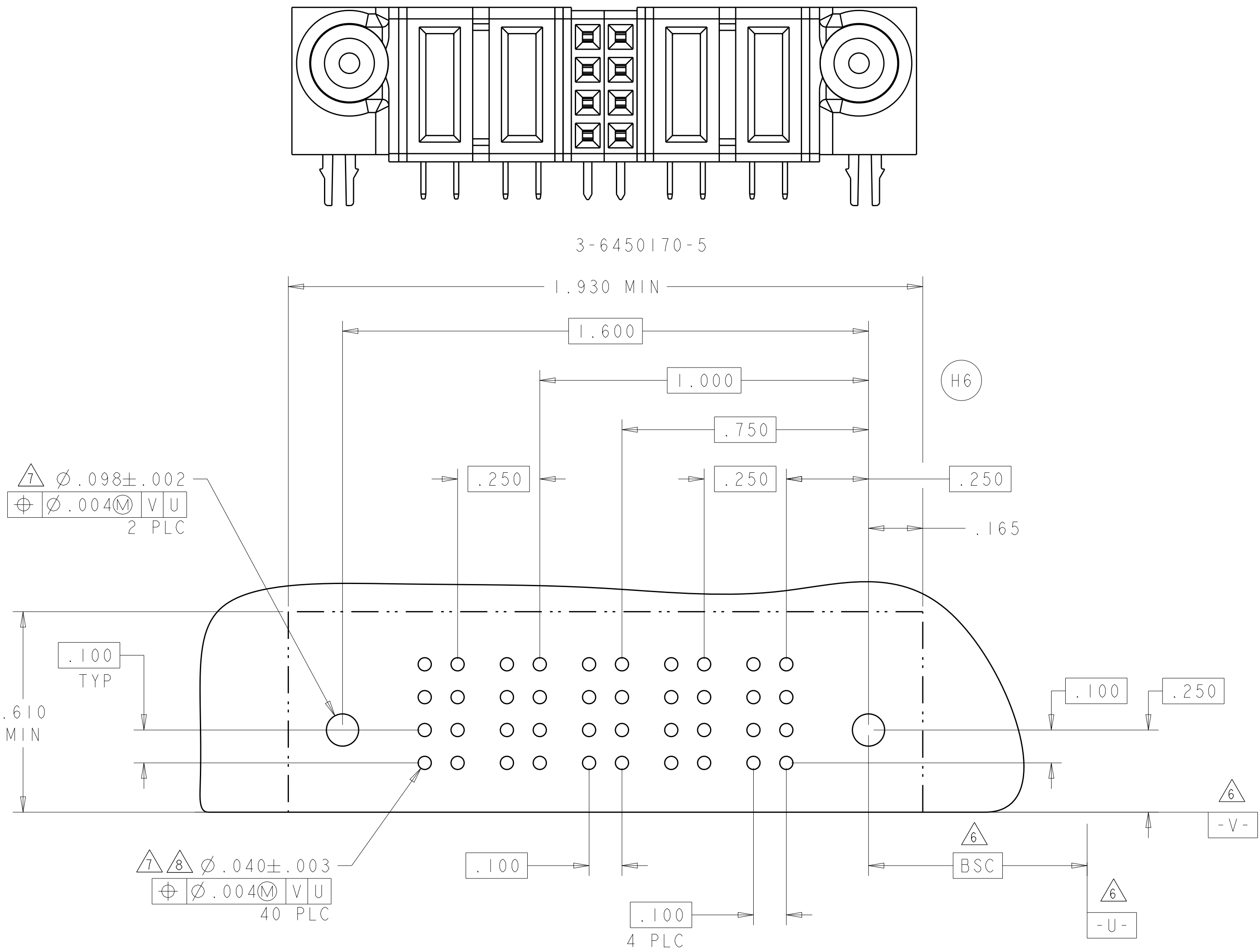
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER		SIGNAL			POWER				
			P6	P5	3	2	1	P4	P3	P2	P1	
3-6450170-3	D				H	H	H					
	C				G	G	G					
	B				F	F	F					
	A				E	E	E					
	4ACP + 12S + 2P											

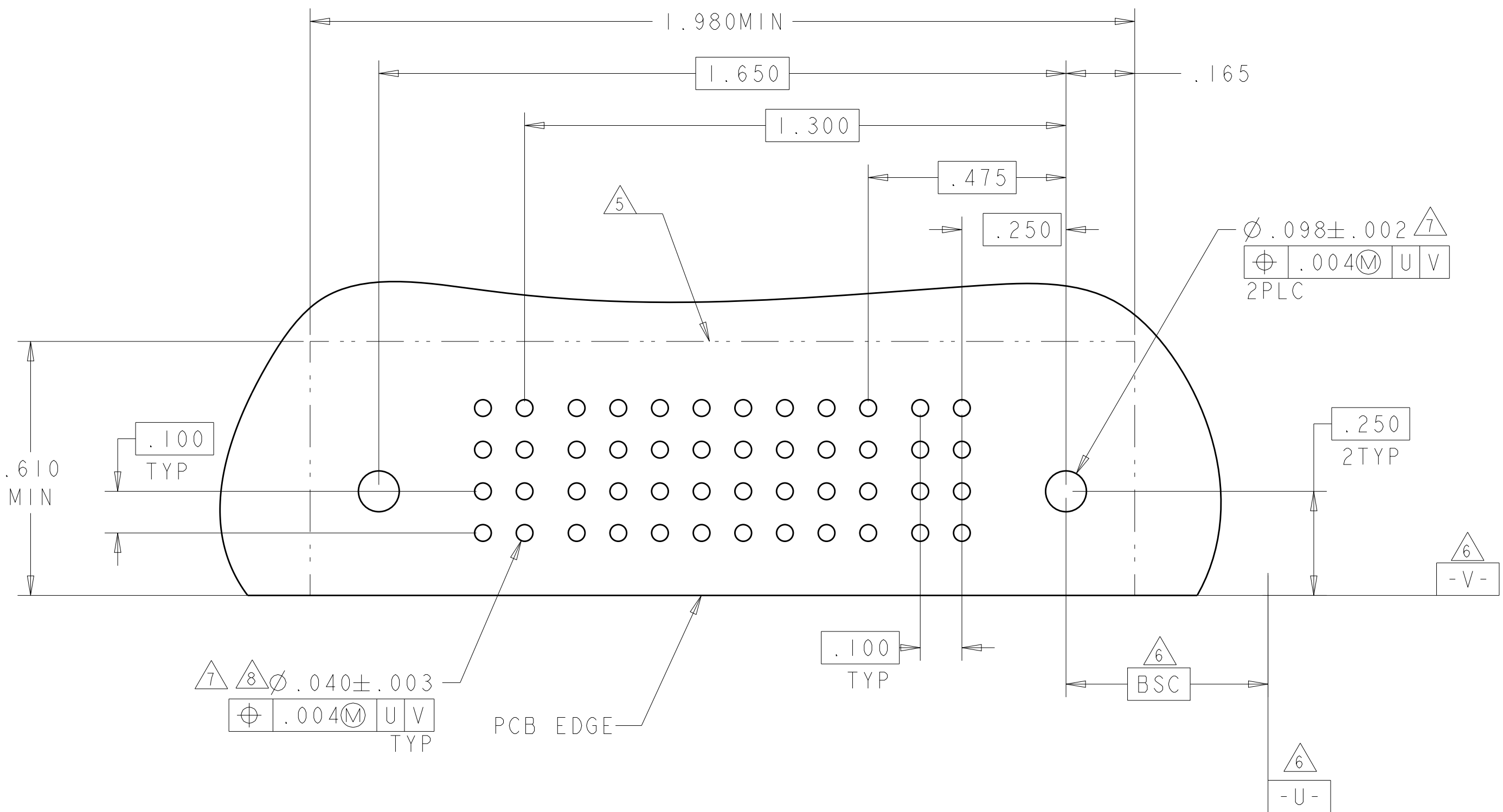


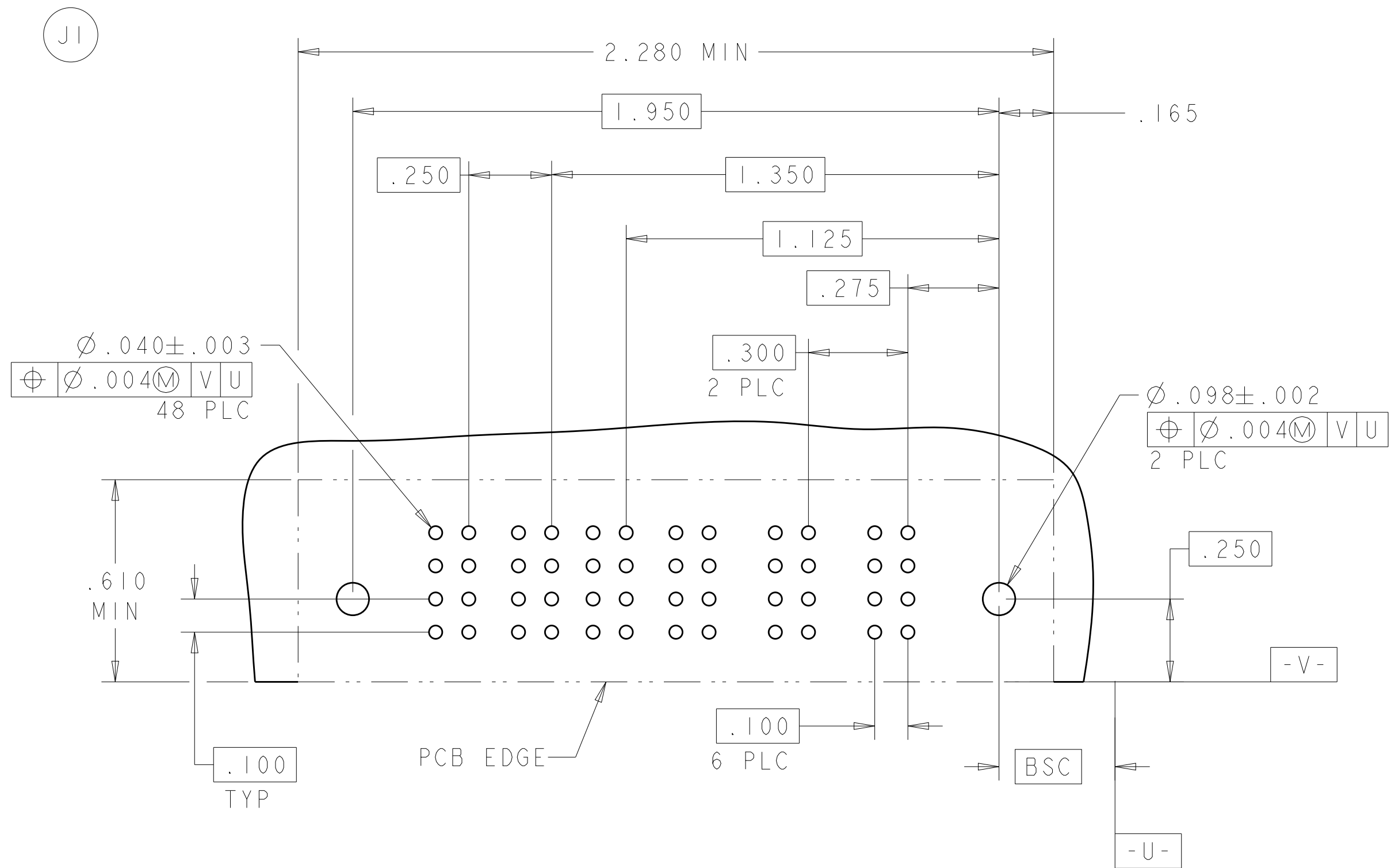
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	21FEB05		
		CHK M.PERCHEKKE	21FEB05		
DIMENSIONS:		APVD M.PERCHEKKE	-	NAME	
INCHES		PRODUCT SPEC		RIGHT ANGLE RECEPTACLE ASSEMBLY	
		108-1973		WITH GUIDES	
		APPLICATION SPEC		MULTI-BEAM XL	
MATERIAL		114-13038		SIZE	RESTRICTED TO
		FINISH		CAGE CODE	DRAWING NO
		WEIGHT		A100779	C=6450170
		CUSTOMER DRAWING		SCALE	SHEET
				4:1	9 OF 13
				REV	J5

PART NUMBER	ROWS		POWER		SIGNAL		POWER		
			P4	P3	2	1	P2	P1	
3-6450170-5	D C B A								
		HD	RA	RA	H G F E	H G F E	RM	RM	HD
2P + 8S + 2P									

4805 (3/11)

PART NUMBER	ROWS		POWER	SIGNAL								POWER	
			P2	8	7	6	5	4	3	2	1	P1	
3-6450170-7	D C B A			H	H	H	H	H	H	H	H		
				G	G	G	G	G	G	G	G		
				F	F	F	F	F	F	F	F		
				E	E	E	E	E	E	E	E		
IP + 32S + IP													

4805 (3/11)

[illegible]

TE RECOMMENDED PCB LAYOUT

PART NUMBER	ROWS		POWER							SIGNAL						POWER		
			P8	P7	P6	P5	P4	P3	6	5	4	3	2	1	P2	P1		
4-6450170-1	D		RM		RM		RA		H	H	H	H	H		RM	RM		
	G								G	G	G	G						
	F								F	F	F	F						
	E								E	E	E	E						
2P + 24S + 6P		HD																HD

[illegible]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

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