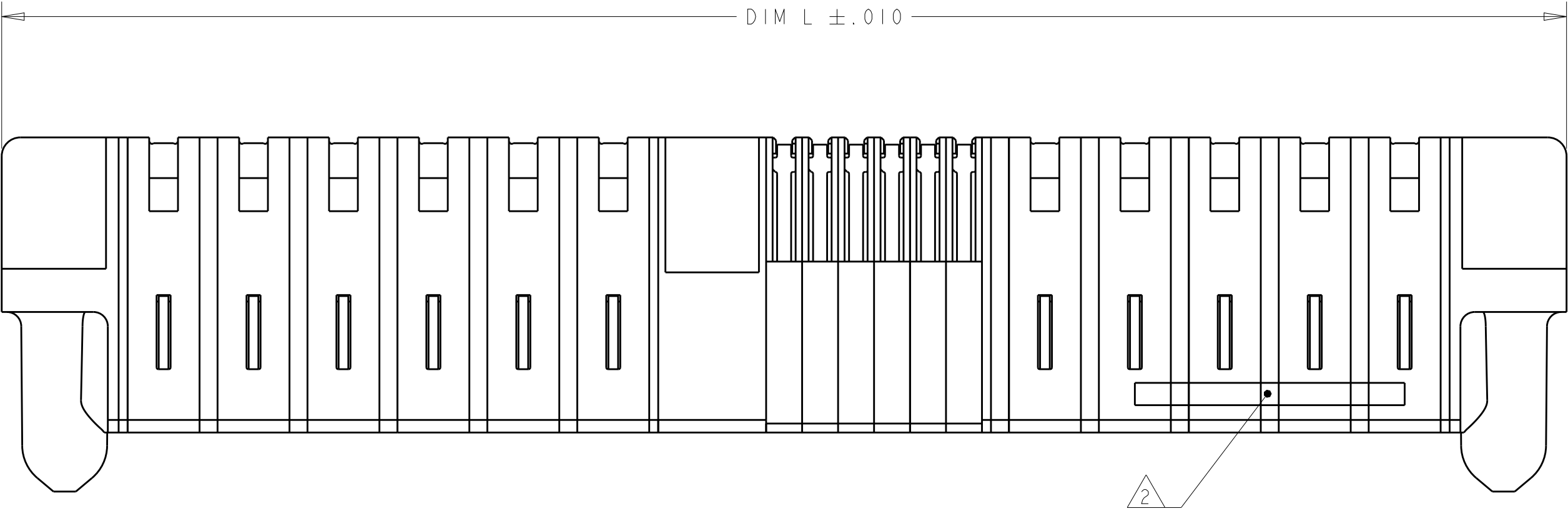
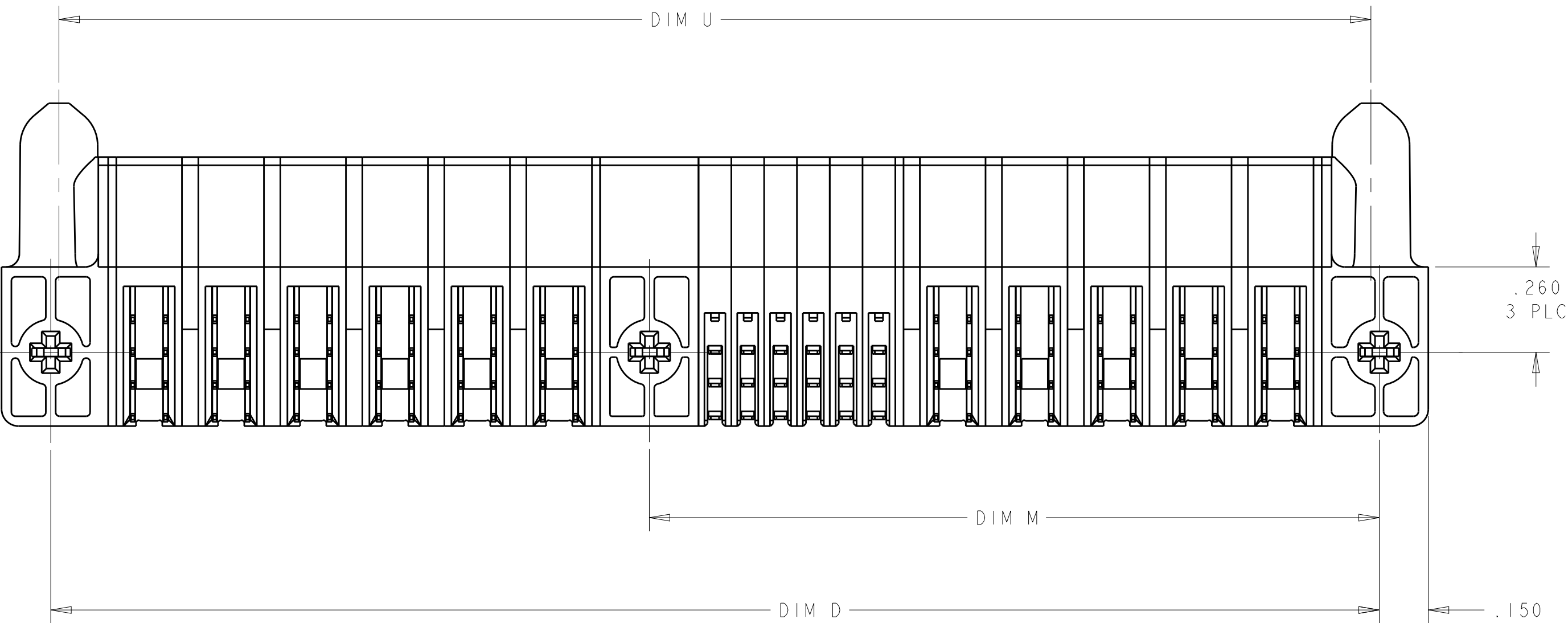
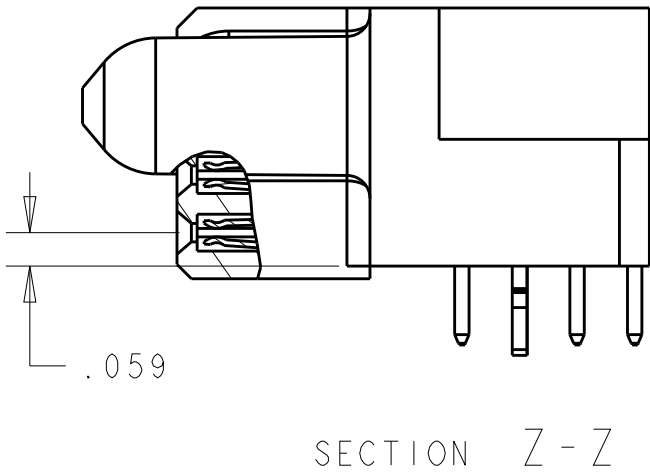
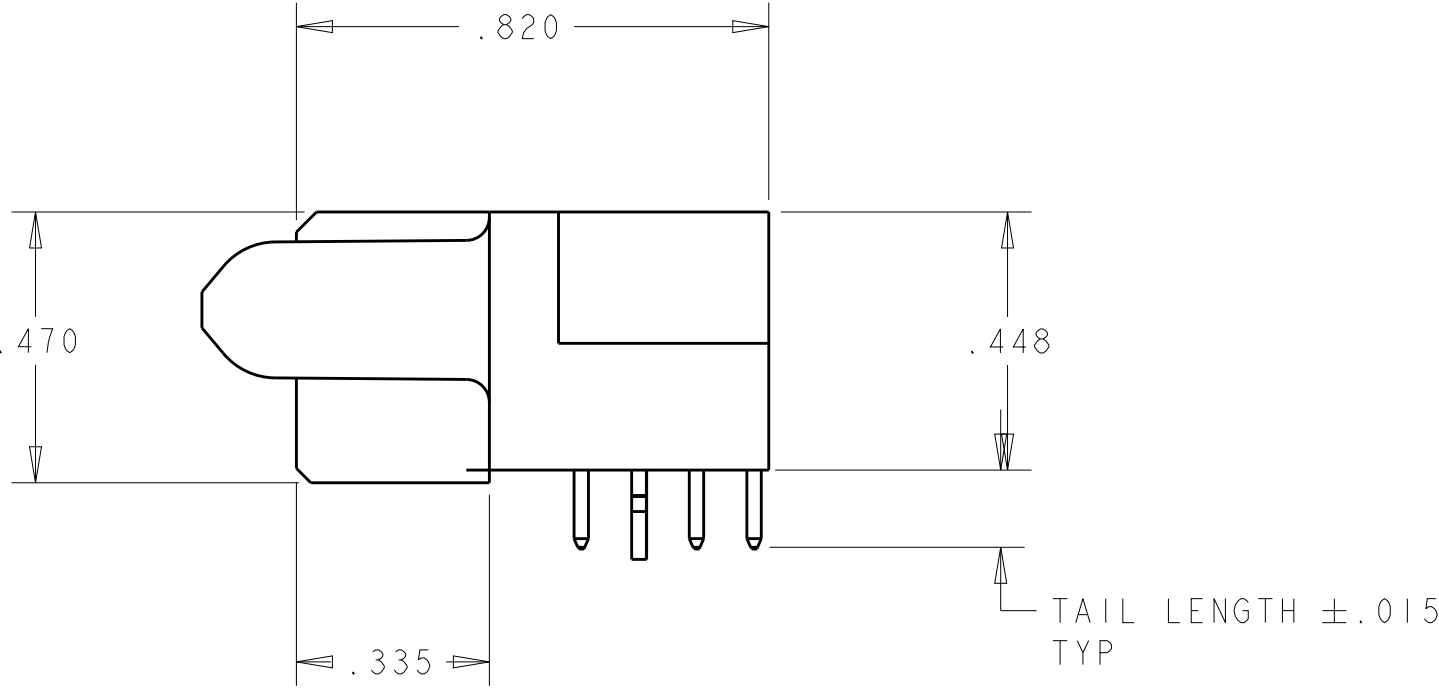
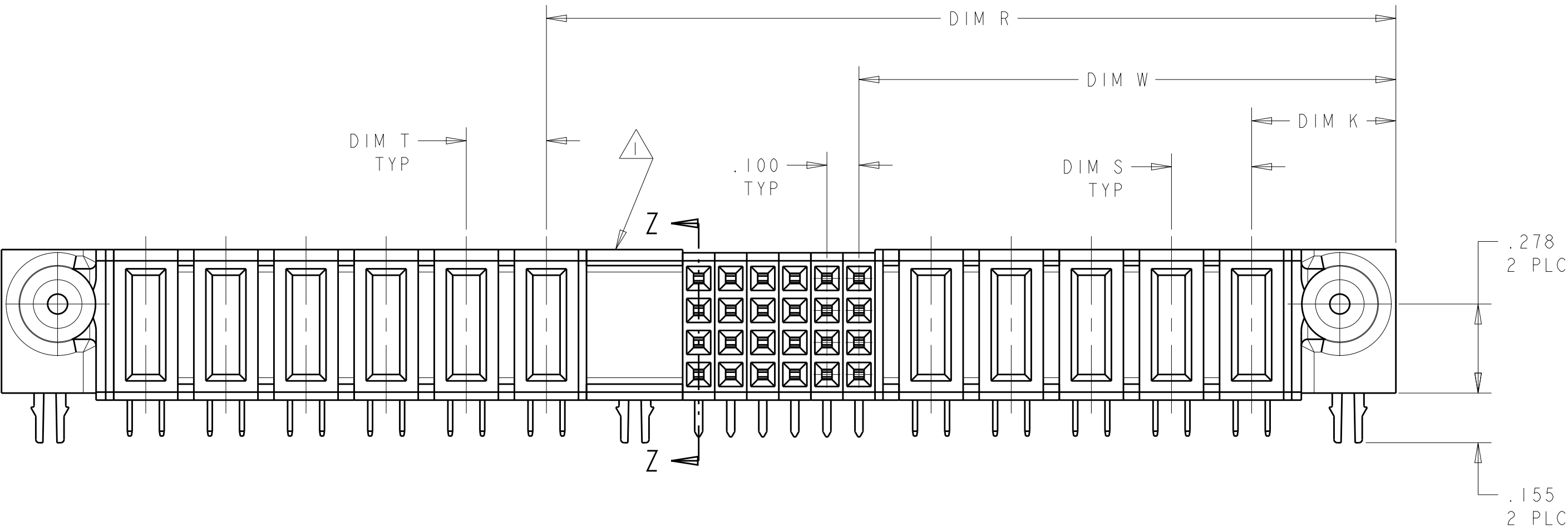


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		G	REV PER ECO-15-000526	19JAN2015	LAW	CZ



- 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.
- 3 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, BLACK, UL94 V-0
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4 CONTACT PLATING: NOBLE 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 DIMENSIONS.
- 8 PCB- Ø.0453 +/- .0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001-.003 CU PLATING TO ACHIEVE A Ø.040±.003 HOLE.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 21FEB05	TE Connectivity	
		CHK M.PERCHERKE 21FEB05		
DIMENSIONS:		APVD M.PERCHERKE 21FEB05	NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
INCHES		PRODUCT SPEC		
	0 PLC	±"	SIZE A100779C=6450160	
	1 PLC	±.01		
	2 PLC	±.01		
	3 PLC	±.005		
	4 PLC	±.002	RESTRICTED TO	
	ANGLES	±.002		
MATERIAL		FINISH #2°	SCALE 3:1 SHEET 1 OF 16 REV G1	
Customer Drawing		WEIGHT		

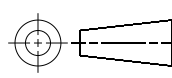
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

.700	-	-	-	.375	.750	-	1.050	-	16S	4-6450160-9
2.700	-	.200	2.600	1.425	2.750	-	3.050	.450	5P + 44S + 1P	4-6450160-8
4.000	-	-	-	.375	4.050	-	4.350	-	148S	4-6450160-6
2.000	.250	.250	1.650	.925	2.050	-	2.350	.450	2P + 24S + 2P	4-6450160-5
2.800	-	-	-	0.375	2.850	-	3.150	-	100S	4-6450160-4
1.100	-	-	1.000	.625	1.150	-	1.450	.450	1P + 12S + 1P	4-6450160-1
2.400	.250	.250	1.550	.875	2.450	-	2.750	.450	2P + 24S + 4P	4-6450160-0
4.700	.250	.250	2.850	2.375	4.750	-	5.050	.450	8P + 16S + 8P	3-6450160-9
5.400	.300	.300	2.875	2.175	5.450	-	5.750	.475	6P + 24S + 9P	3-6450160-8
2.900	.250	.250	2.050	1.375	2.950	-	3.250	.450	4P + 24S + 4P	3-6450160-7
3.900	.250	.250	2.550	1.875	3.950	-	4.250	.450	6P + 24S + 6P	3-6450160-6
3.800	.250	.250	3.450	.875	3.850	-	4.150	.450	2P + 100S + 2P	3-6450160-4
3.700	.300	.200	2.700	2.025	3.750	-	4.050	.450	8P+24S+4ACP	3-6450160-3
2.800	.300	.250	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	3-6450160-2
1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	3-6450160-1
4.375	.300	.250	3.375	2.375	3.450	2.950	4.725	.450	8P+24S+1M+4ACP	3-6450160-0
4.100	.250	.300	2.250	1.575	4.150	-	4.450	.475	4ACP + 24S + 8P	2-6450160-9
2.000	.250	.300	1.650	1.325	2.050	-	2.350	.475	3ACP + 8S + 2P	2-6450160-7
2.600	.200	.200	1.900	1.225	2.650	-	2.950	.450	4HDP + 24S + 4HDP	2-6450160-6
2.000	.250	.250	1.650	.925	2.050	-	2.350	.450	2P + 24S + 2P	2-6450160-5
4.000	.250	.250	2.650	1.675	4.050	2.225	4.350	.450	5P + 24S + 1M + 6P	2-6450160-0
3.300	.250	.250	2.450	1.875	3.350	-	3.650	.450	6P + 20S + 4P	1-6450160-9
4.675	.300	.250	3.950	3.375	4.725	-	5.025	.450	12P + 20S + 3ACP	1-6450160-8
3.250	.250	.250	2.900	1.125	3.300	-	3.600	.450	3P + 68S + 2P	1-6450160-3
.900	-	-	-	.375	.950	-	1.250	-	0P + 24S + 0P	1-6450160-2
1.900	-	-	.975	.625	1.950	-	2.250	.450	1P + 12S + 5P	1-6450160-1
1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	1-6450160-0
3.300	.250	.250	2.450	1.875	3.350	-	3.650	.450	6P + 20S + 4P	6450160-9
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	6450160-8
3.050	.250	.300	1.950	1.275	3.100	-	3.400	.475	3ACP + 24S + 5P	6450160-7
7.400	.250	.250	5.050	2.875	7.450	-	7.750	.450	10P + 84S + 10P	6450160-6
4.000	.250	.250	2.650	1.675	4.050	2.225	4.350	.450	5P + 24S + 1M + 6P	6450160-5
4.000	.250	.250	2.650	1.675	4.050	2.225	4.350	.450	5P + 24S + 1M + 6P	6450160-4
1.575	-	-	1.425	.700	1.625	-	1.925	.475	1P + 24S + 1P	6450160-3
1.575	-	-	1.425	.700	1.625	-	1.925	.475	1P + 24S + 1P	6450160-2
5.100	.250	.250	3.250	2.375	5.150	-	5.450	.450	8P + 32S + 8P	6450160-1
U	T	S	R	W	D	M	L	K	DESCRIPTION	PART NUMBER

(E6) PART IS IN SHEET 15

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 21FEB05
CHK M. PERCHERKE 21FEB05
APVD M. PERCHERKE 21FEB05

PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038

WEIGHT -

Customer Drawing

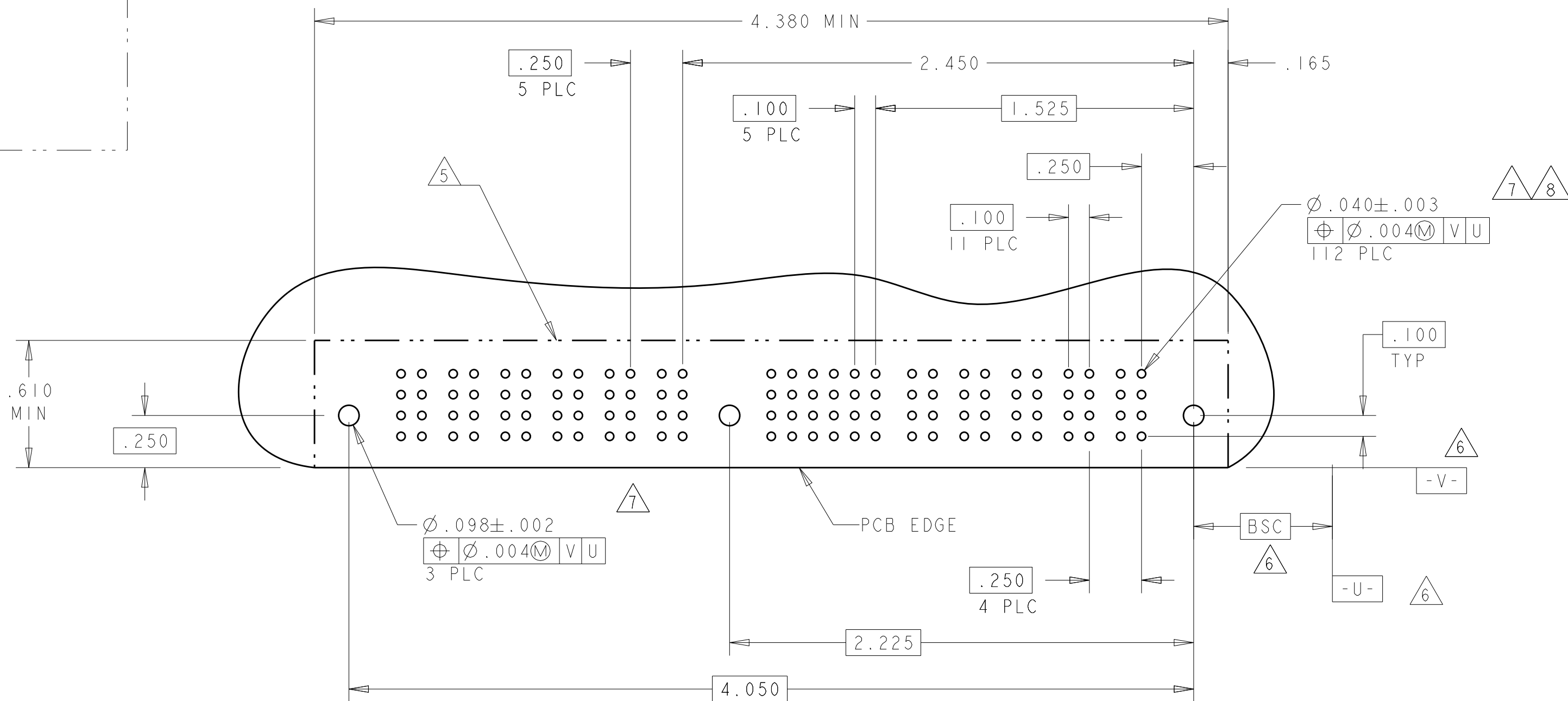
NAME
RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

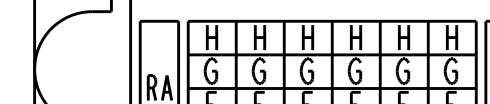
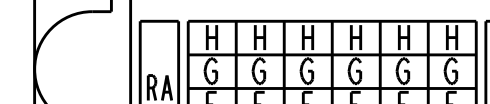
SIZE 100779
CAGE CODE
DRAWING NO 6450160
RESTRICTED TO -

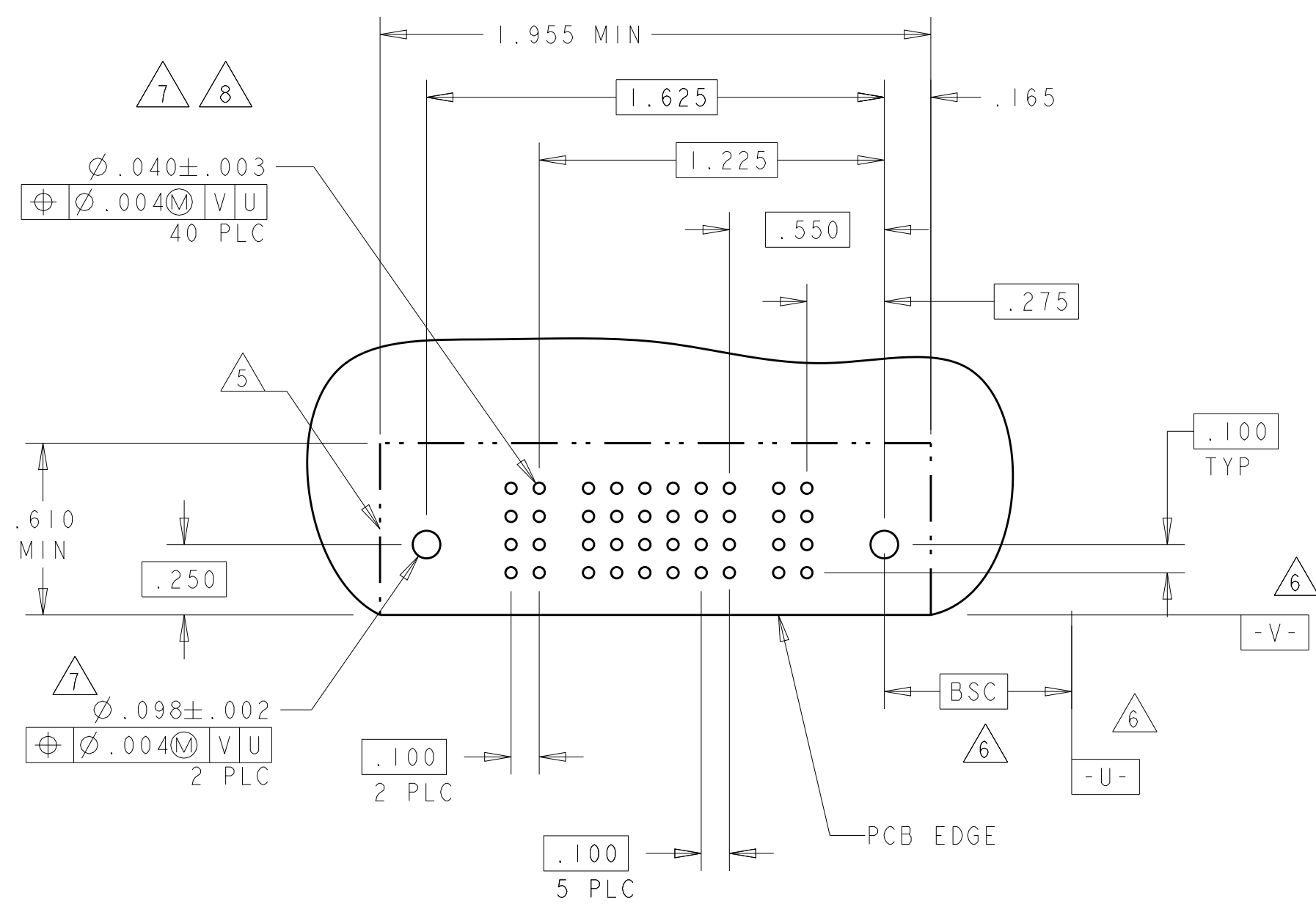
SCALE 3:1
SHEET 2 OF 16
REV G1

PART NUMBER	ROWS		POWER						MI	SIGNAL						POWER					
			P11	P10	P9	P8	P7	P6		6	5	4	3	2	1	P5	P4	P3	P2	P1	
6450160-4	D C B A		RB	RB	RB	RB	RB	RB	HD	K L L K K L L K K L L K K L L K	RB	RB	RB	RB	RB	HD					
5P + 24S + 1M + 6P																					

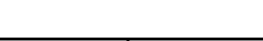
PART NUMBER	ROWS		POWER						M1	SIGNAL							POWER					
			P11	P10	P9	P8	P7	P6		6	5	4	3	2	1	P5	P4	P3	P2	P1		
6450160-5	D C B A		RA	RA	RA	RA	RA		H	H	H	H	H	H	RA	RA	RA	RA	RA			
5P + 24S + 1M + 6P																						



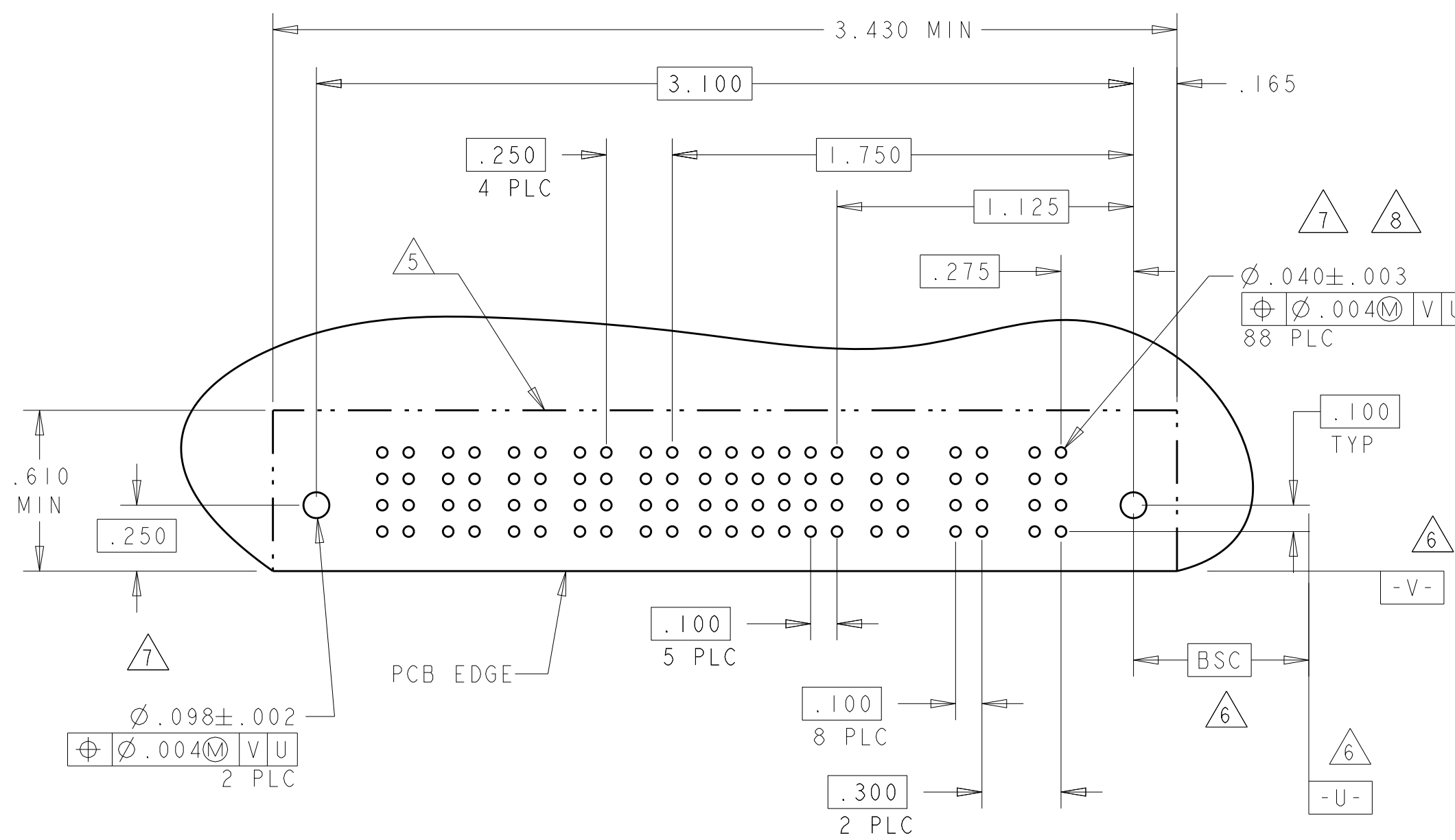
PART NUMBER	ROWS		POWER		SIGNAL								POWER	
			P2		6	5	4	3	2	1	P1			
6450160-3	DCBA													
IP + 24S + IP														



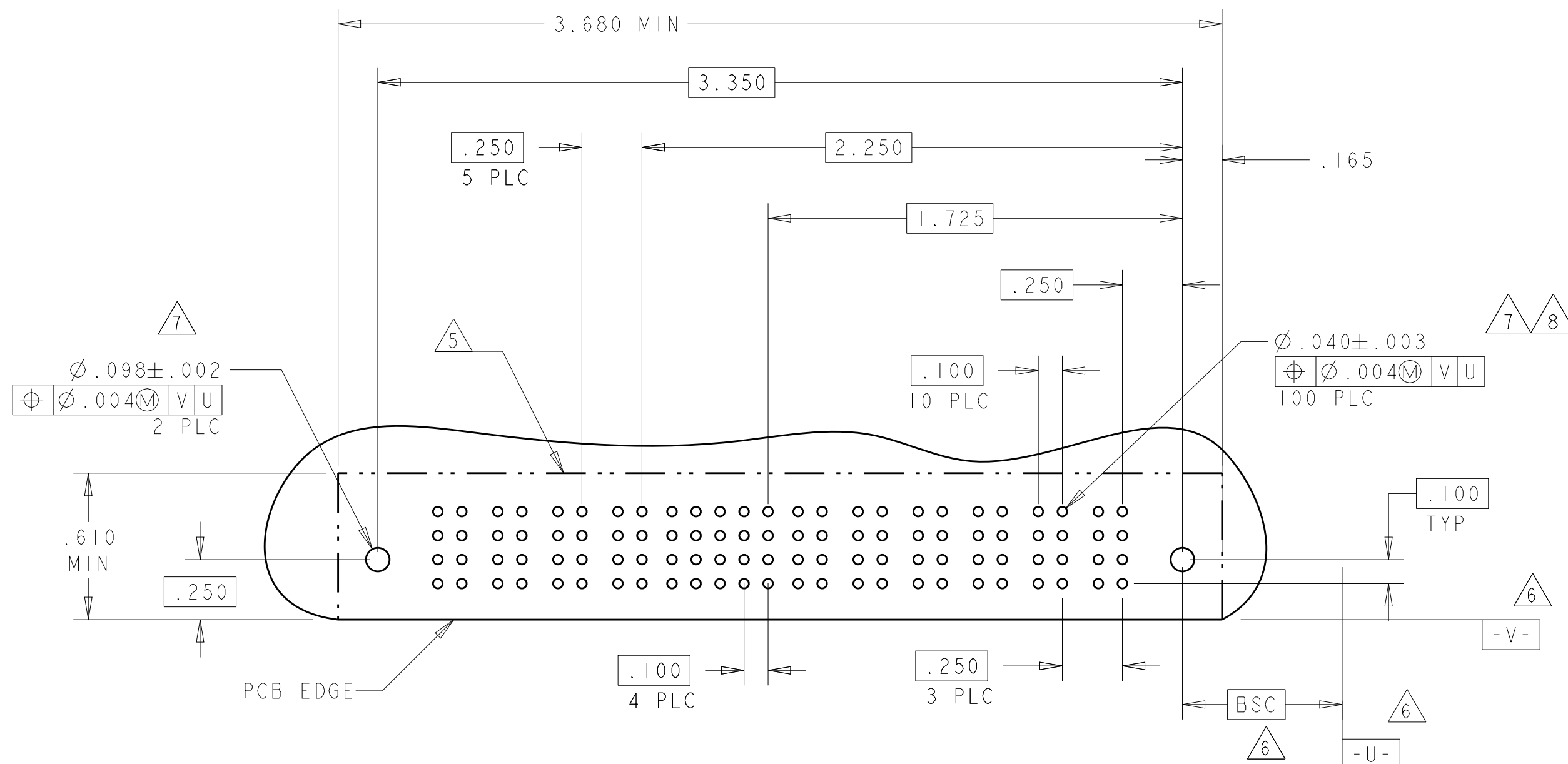
L	.090	D
K	.090	C
J	.090	B
I	.090	A
H	.135	D
G	.135	C
F	.135	B
E	.135	A
CODE	TAIL LENGTH	ROW
SIGNAL CONTACT		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Z. GRZYBOWSKI 21FE005		 TE Connectivity	
DIMENSIONS: INCHES		CHN M. PERCHERRE 21FE005			
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		EVID M. PERCHERRE 21FE005		RIGHT ANGLE RECEPTACLE ASSEMBLY	
		PRODUCT SPEC		WITH GUIDES	
		108-1973		MULTI-BEAM XL	
		APPLICATION SPEC		SIZE	
		114-13038		CAGE CODE	
MATERIAL		WEIGHT		DRAWING NO	
FINISH		-		A100779C	
		Customer Drawing		6450160	
				SCALE 4:1	
				SHEET 3 OF 16	
				REV G	

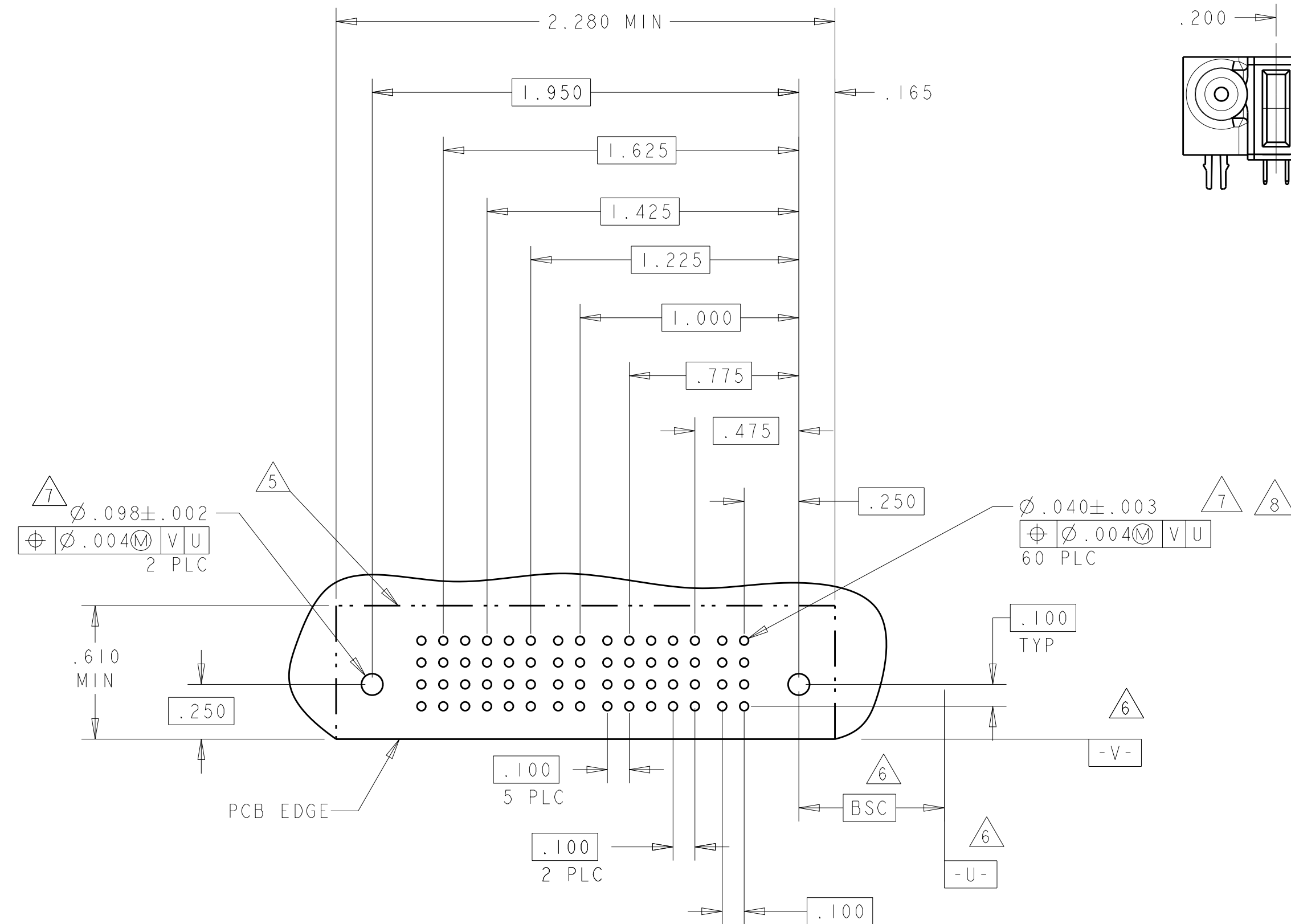
PART NUMBER	ROWS		POWER					SIGNAL							POWER			
			P8	P7	P6	P5	P4	G	6	5	4	3	Z	I	P3	P2	P1	
6450160-7	D C B A		RA	RA	RA	RA	H	H	H	H	H	H	H	RA	RA	RA		
							G	G	G	G	G	G	G					
							F	F	F	F	F	F	F					
							E	E	E	E	E	E	E					
3ACP + 24S + SP																		



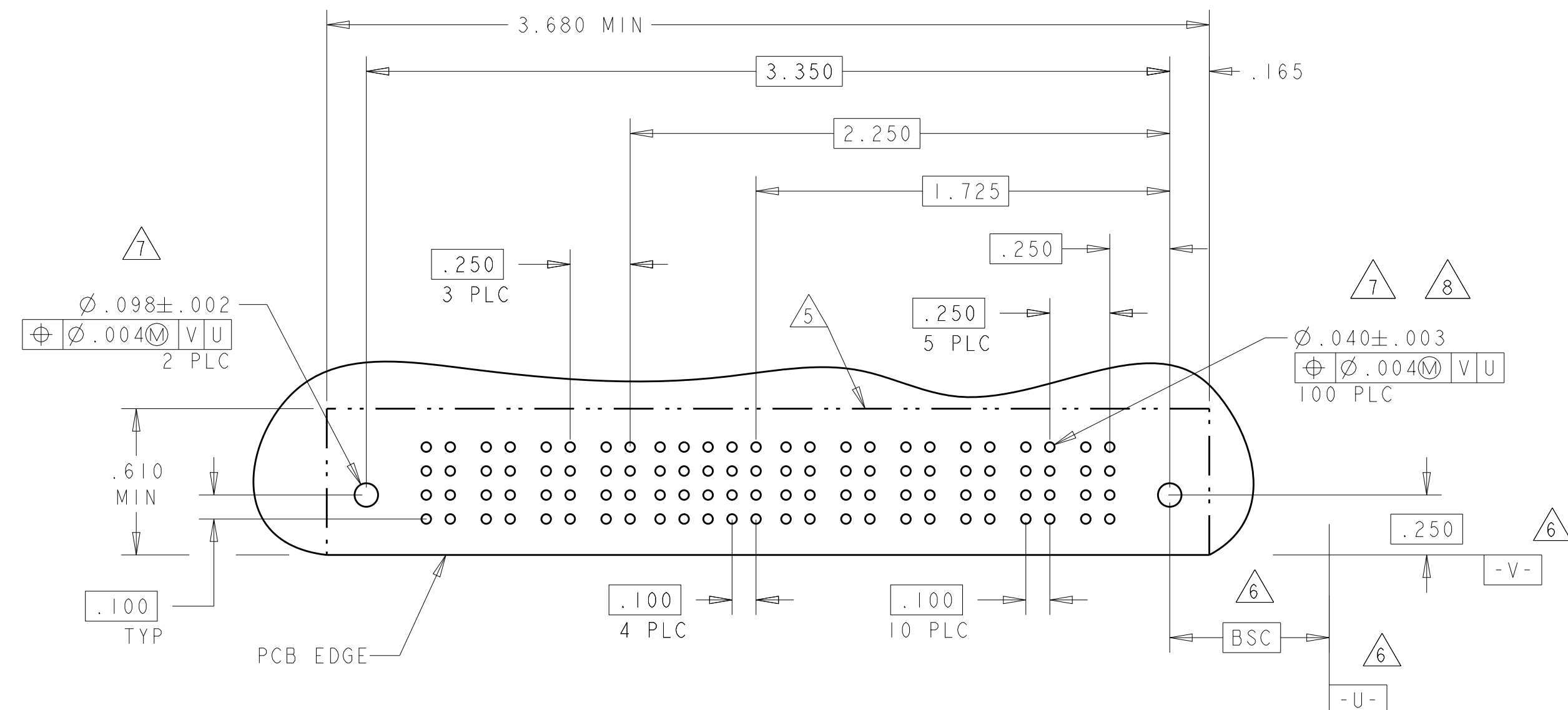
PART NUMBER	ROWS		POWER				SIGNAL				POWER						
			P10	P9	P8	P7	5	4	3	2	1	P6	P5	P4	P3	P2	
6450160-9	D C B A		RA	RA	RA	RA	H H H H H H				RA	RA	RA	RA	RA	RA	HD
							G G G G G G										
							F F F F F F										
							E E E E E E										
6P + 20S + 4P																	HD

4805 (3/11)

Top view of the 16-pin DIP package showing dimensions in inches. The package is 1.000 inch wide and 0.787 inch high. Pin pitch is 0.100 inch. Dimensions for mounting holes and lead lengths are provided.

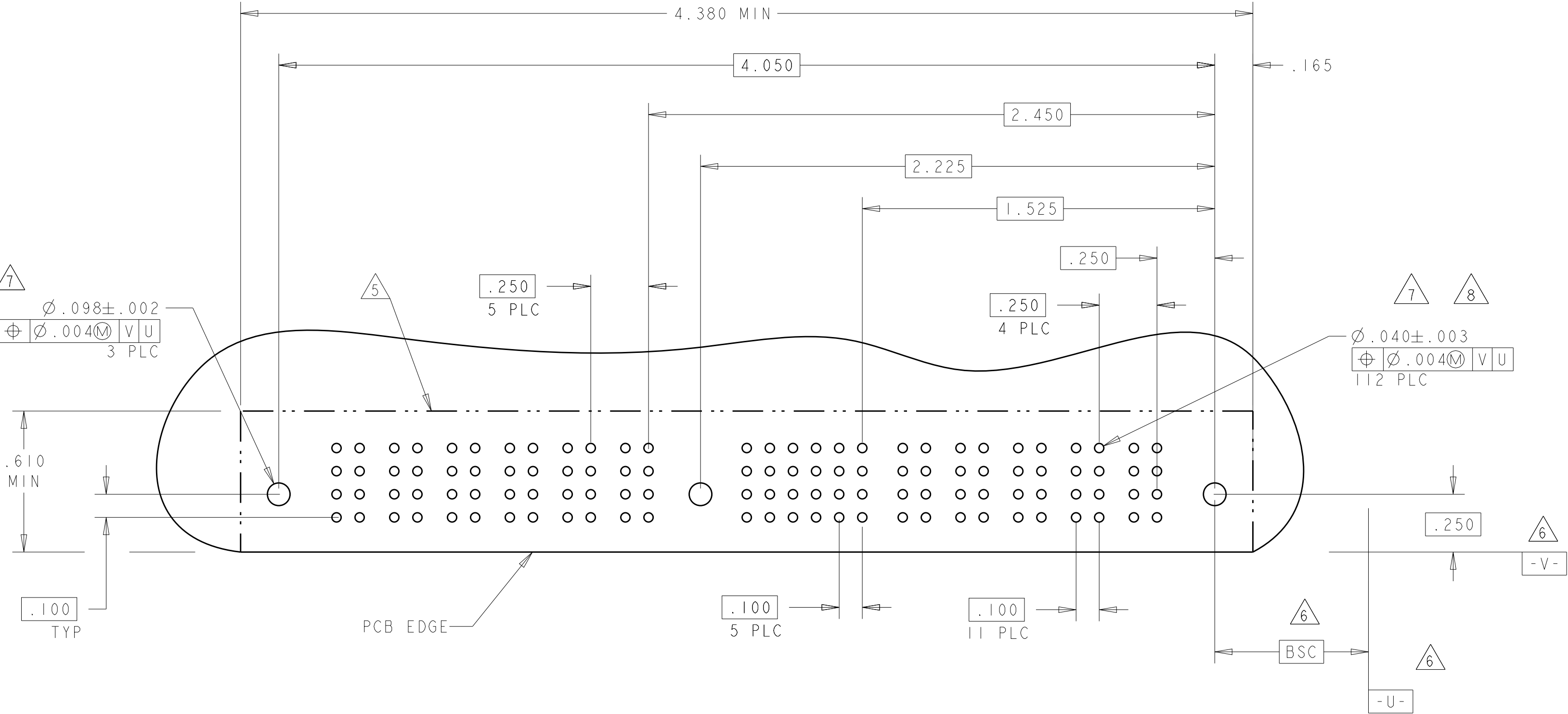


PART NUMBER	ROWS		POWER				SIGNAL					POWER					
			PI0	P9	P8	P7	5	4	3	2	1	P6	P5	P4	P3	P2	
1-6450160-9	D C B A																
6P + 20S + 4P																	

4805 (3/11)

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

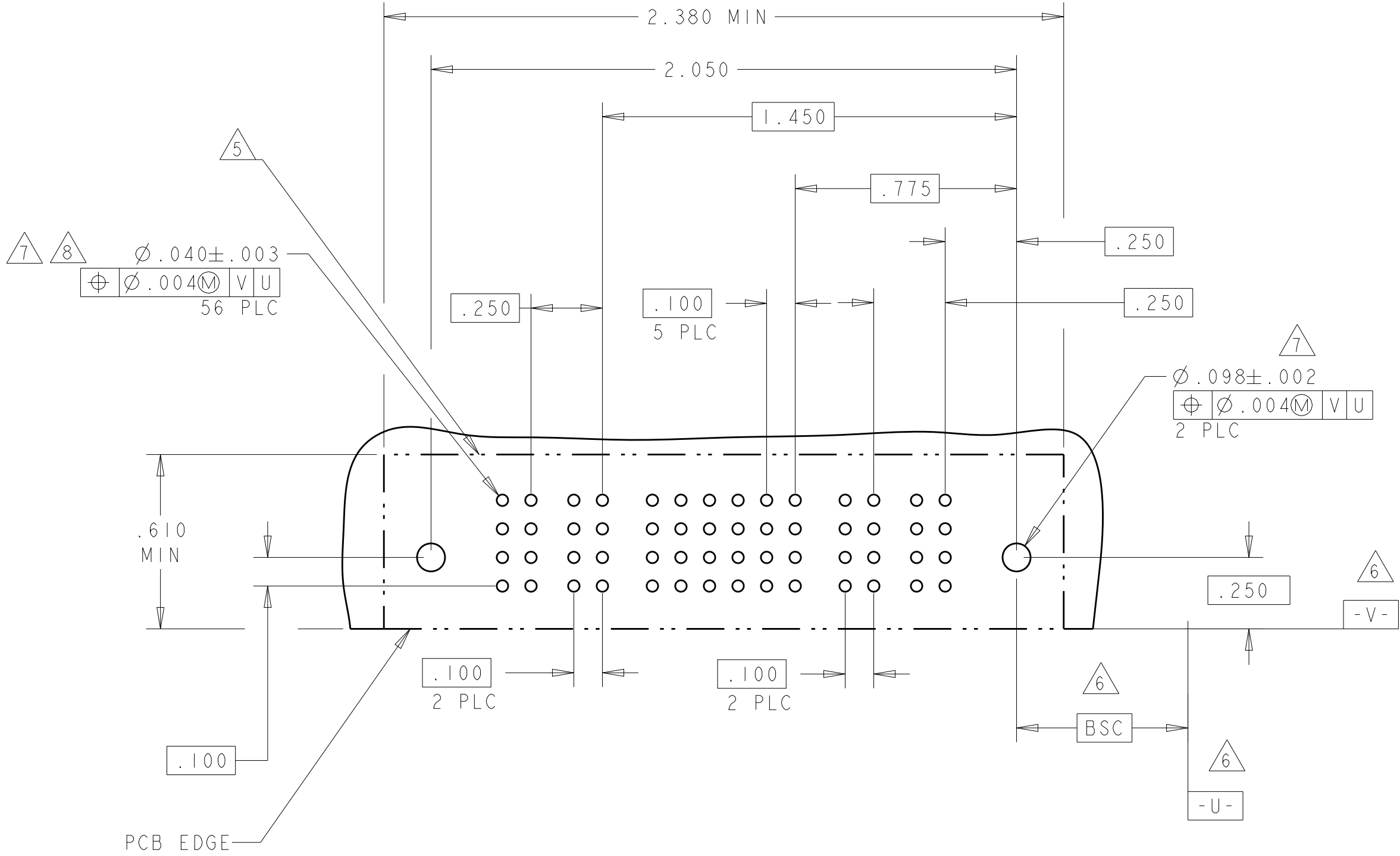
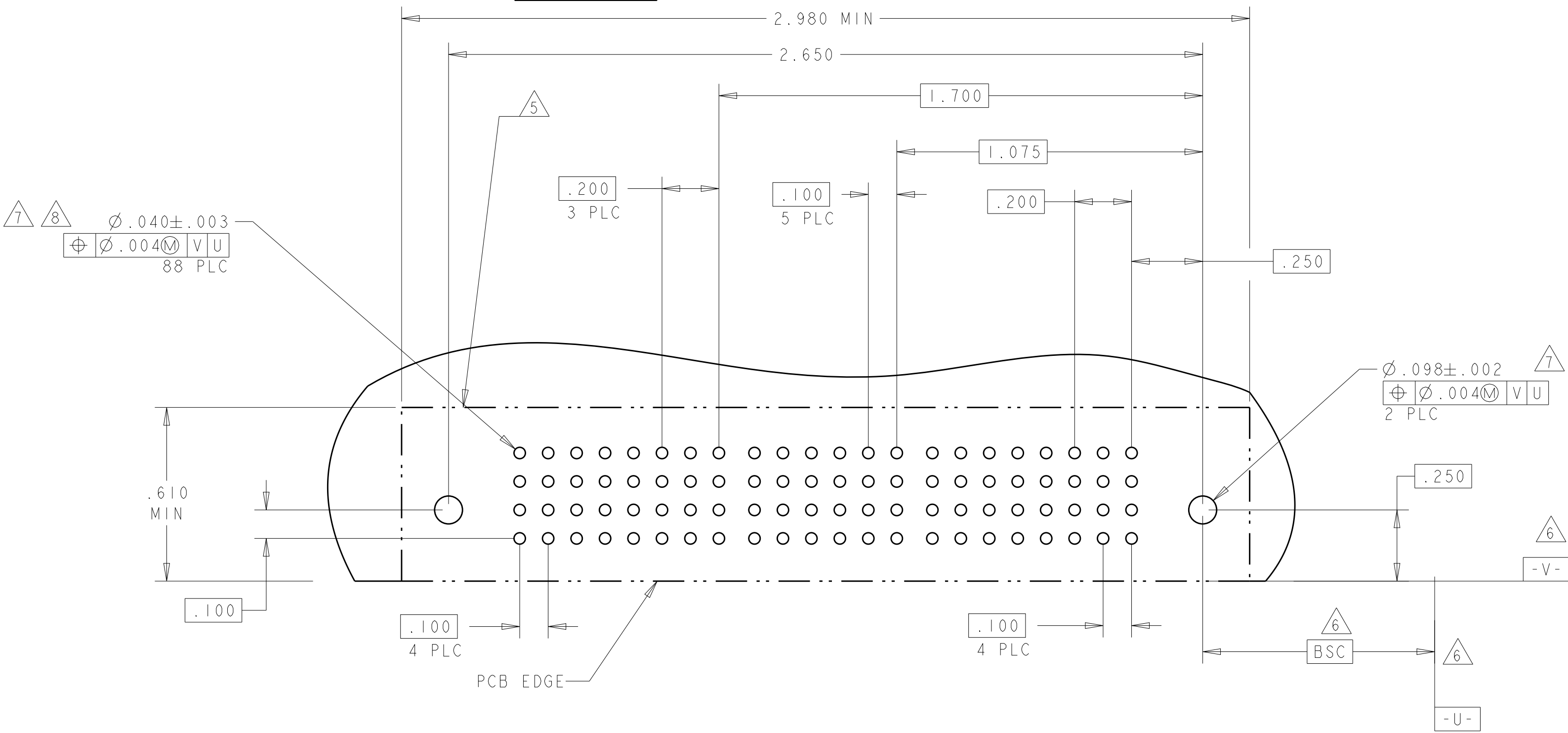
PART NUMBER	ROWS		POWER							SIGNAL						POWER					
			P11	P10	P9	P8	P7	P6		MI	6	5	4	3	2	1	P5	P4	P3	P2	
2-6450160-0	D C B A		RA	RA	RA	RA	RA	RA	HD	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	
5P + 24S + 1M + 6P																					



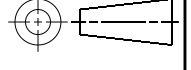
PART NUMBER	ROWS	POWER		SIGNAL						POWER					
		P4	P3	6	5	4	3	2	1	P2	P1				
2-6450160-5	D C B A			RN	RN	L	L	L	L	L	L	L	RN	RN	
						K	K	K	K	K	K	K	RN	RN	
						J	J	J	J	J	J	J	RN	RN	
						I	I	I	I	I	I	I	RN	RN	
2P + 24S + 2P															

PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P4	P3	6	5	4	3	2	1	P2	P1	
4-6450160-5	D C B A		RM	RM	H	H	H	H	H	H	RM	RM	
					G	G	G	G	G	G			
					F	F	F	F	F	F			
					E	E	E	E	E	E			
2P + 24S + 2P													

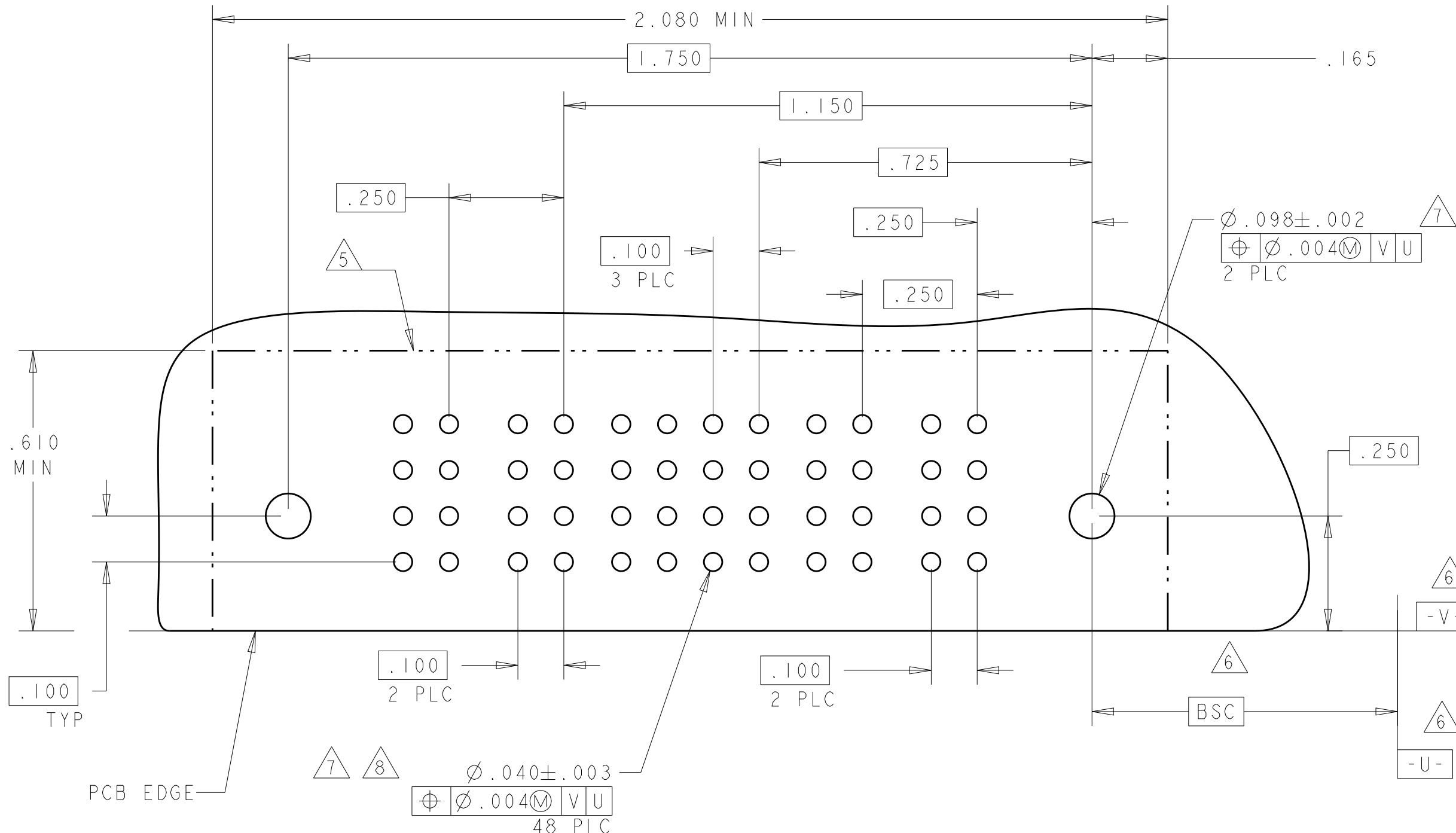
PART NUMBER	ROWS	POWER				SIGNAL						POWER				
		P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	
2-6450160-6	D C B A					H	G	H	G	H	G					
						G	G	G	G	G	G					
						F	F	F	F	F	F					
						E	E	E	E	E	E					
4HDP + 24S + 4HDP																

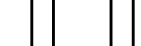


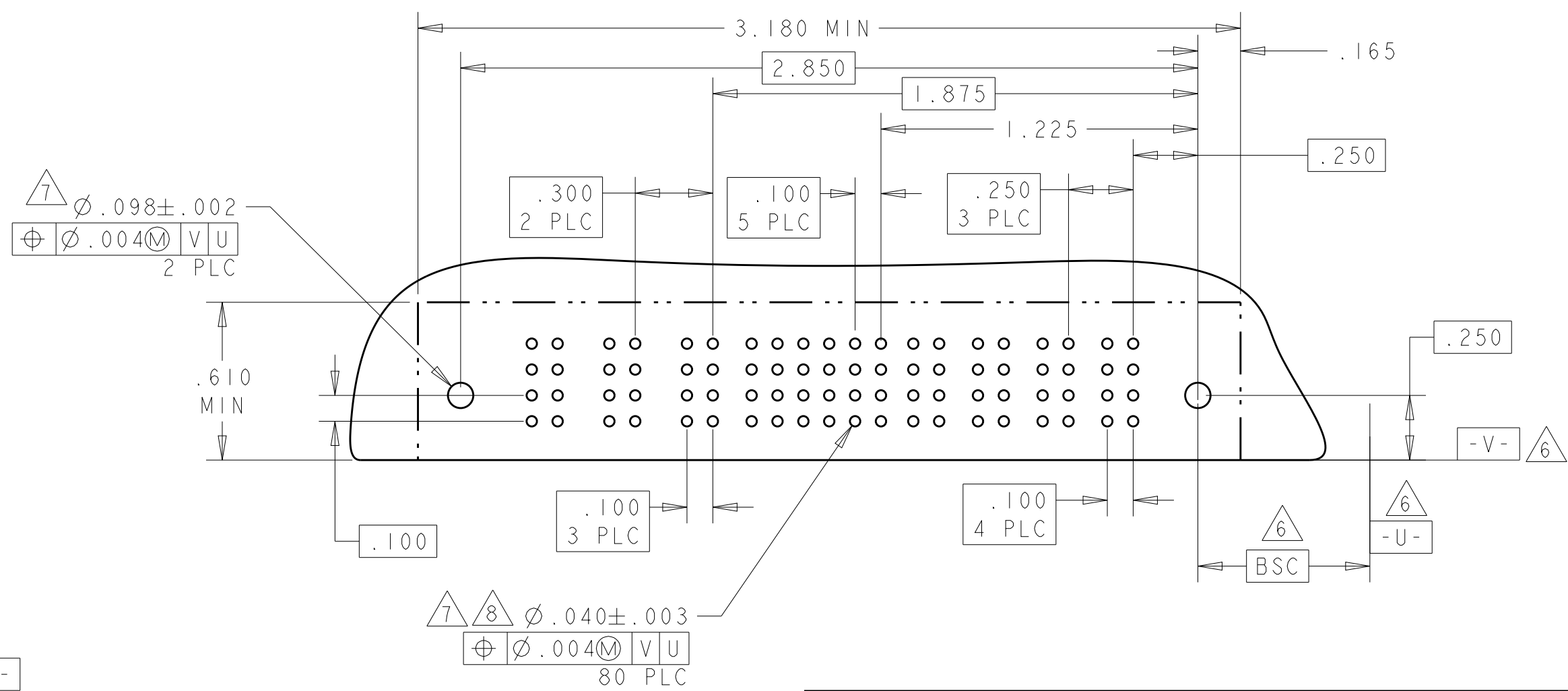
2-6450160-5 AND 4-6450160-5 PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	21FEB05	 TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE	21FEB05		
		APVD M. PERCHERKE	21FEB05	NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		PRODUCT SPEC 108-1973		APPLICATION SPEC 114-13038	
MATERIAL		FINISH #2*		WEIGHT -	
		Customer Drawing		SIZE A100779	
		CAGE CODE 6450160		RESTRICTED TO -	
		SCALE 4:1		SHEET 6 OF 16	
				REV G1	

PART NUMBER	ROWS		POWER		SIGNAL				POWER		
			P4	P3	4	3	2	1	P2	P1	
3-6450160-1	D C B A				H	H	H	H			
					G	G	G	G			
					F	F	F	F			
					E	E	E	E			
2P + 16S + 2P											

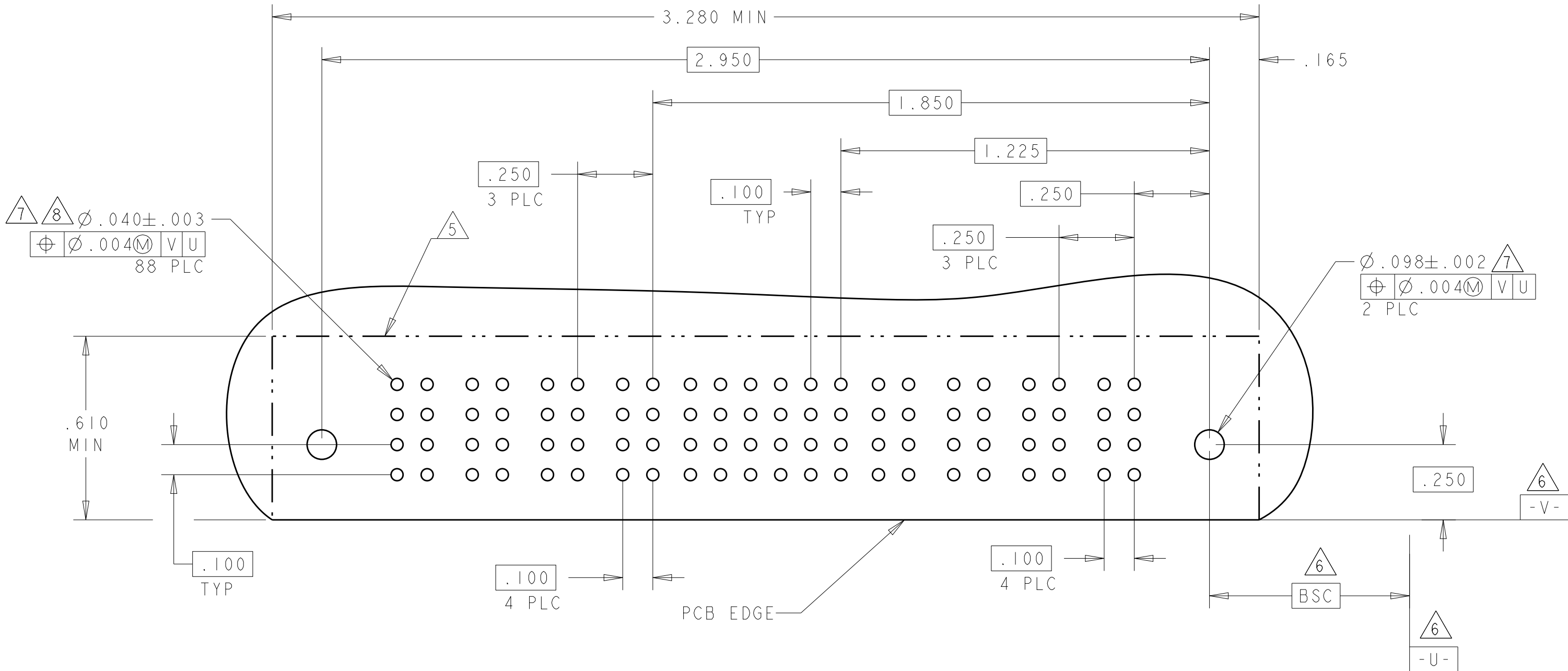


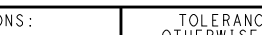
PART NUMBER	HOUSING P/N	ROWS		POWER			SIGNAL							POWER																																																																																																																																																															
				P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1																																																																																																																																																													
3-6450160-2	3-1450190-2	D C B A																																																																																																																																																																											

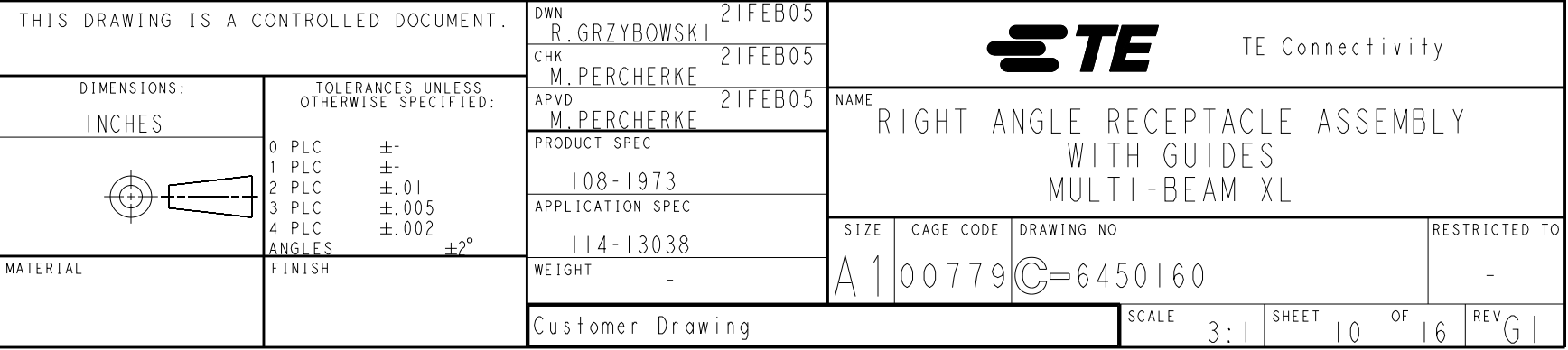
4805 (3/11)

[illegible][illegible]4805 (3/11)

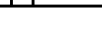
PART NUMBER	ROWS		POWER				SIGNAL					POWER					
			P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2		P1
3-6450160-7	D C B A	HD					H G F E	H G F E	H G F E	H G F E	H G F E	H G F E					HD
4P + 24S + 4P																	

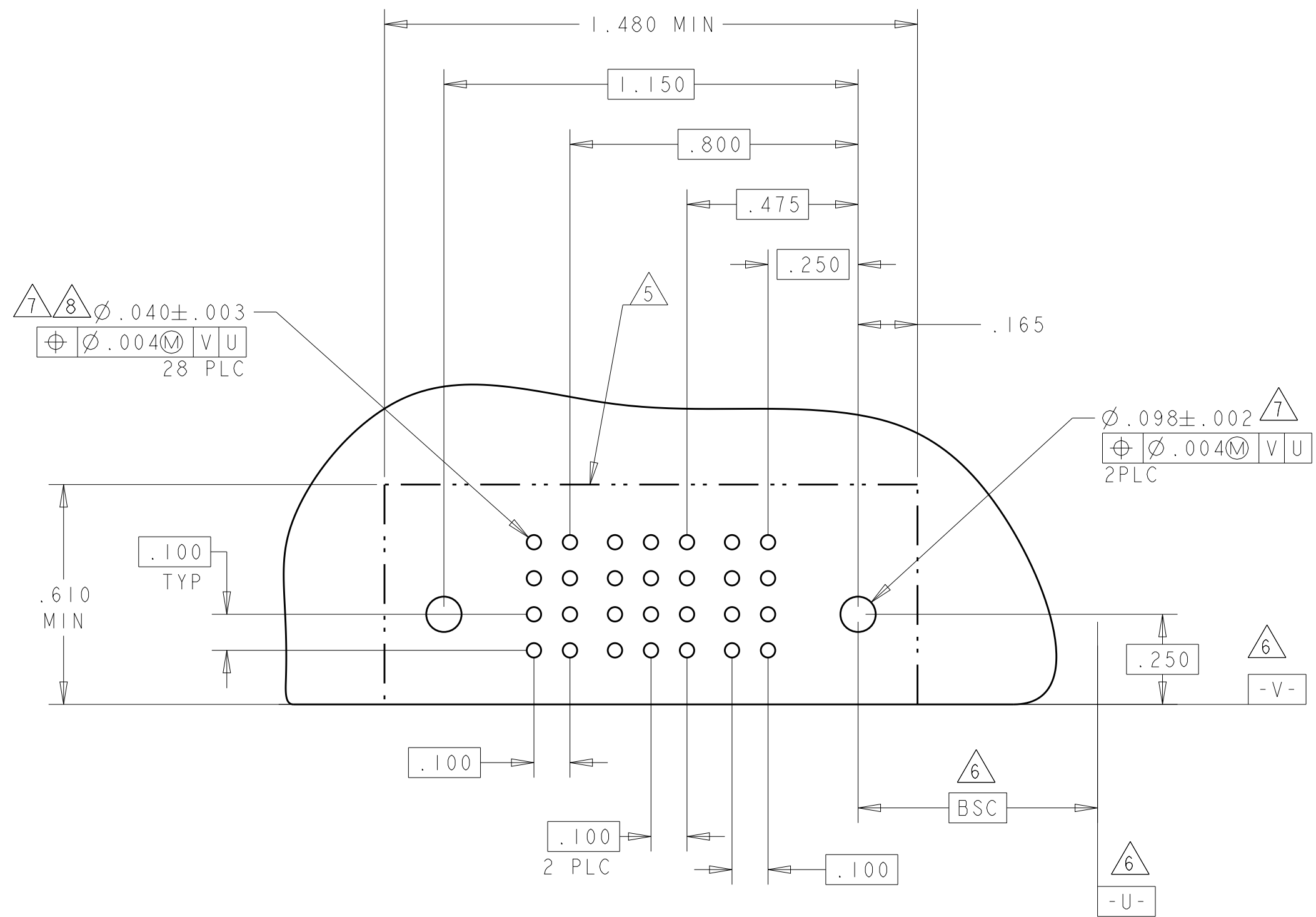
4805 (3/11)

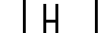
THIS DRAWING IS A CONTROLLED DOCUMENT		DWG. R.GRZYBOWSKI Z17EB05 CHG. M.PERCHEKKE Z17EB05 APP'D M.PERCHEKKE Z17EB05		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CASE CODE DRAWING NO. A100779 C=6450160	
MATERIAL FINISH		WEIGHT -		RESTRICTED TO -	
Customer Drawing		SCALE 3:1		SHEET 10 OF 16 REV G1	

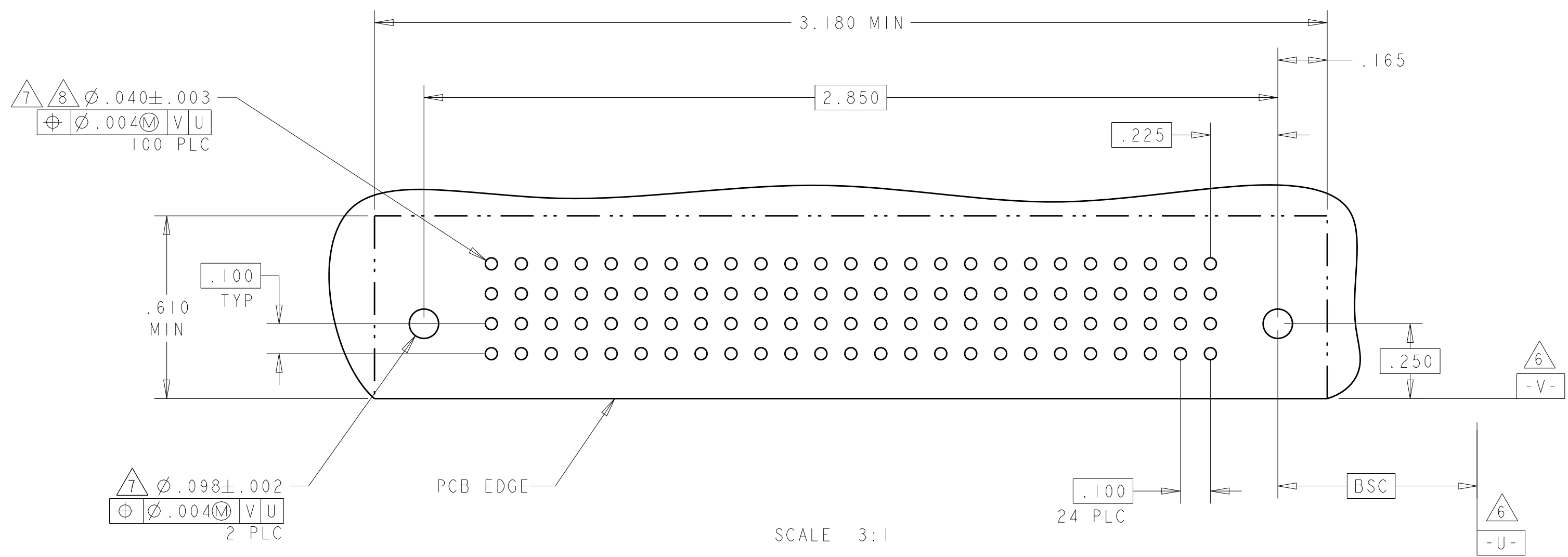


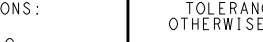
4805 (3/11)

PART NUMBER	ROWS		POWER	S	I	G	N	A	L	POWER	
			P2	3	2	1		P1			
4-6450160-1	D C B A			H	H	H					
				G	G	G					
				F	F	F					
				E	E	E					
IP + 12S + IP											

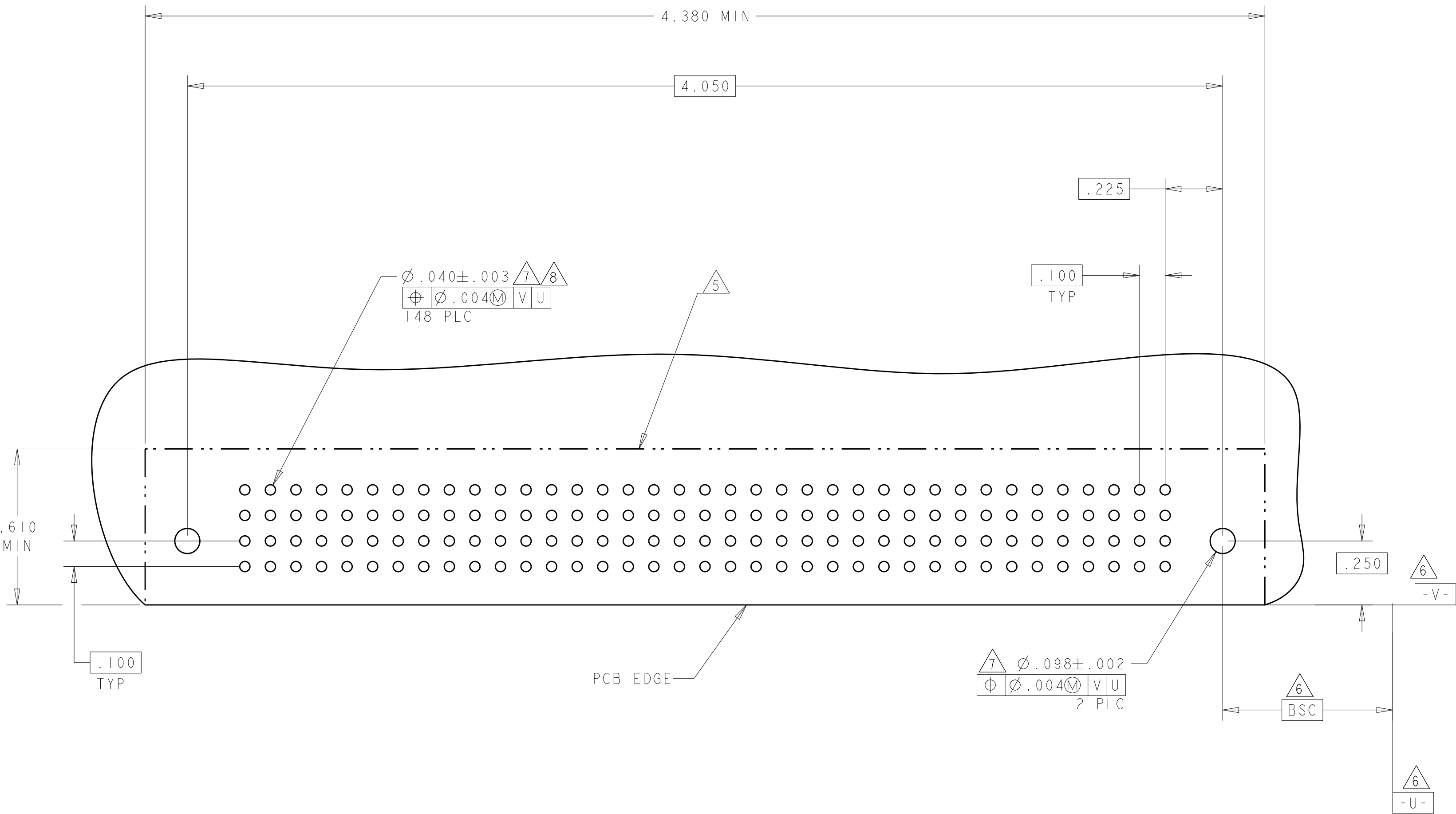
4805 (3/11)

PART NUMBER	ROWS		SIGNAL																									
			25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2		1
4-6450160-4	D		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H		
	G		G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G		
	F		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F
	E		E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		E
100S																												

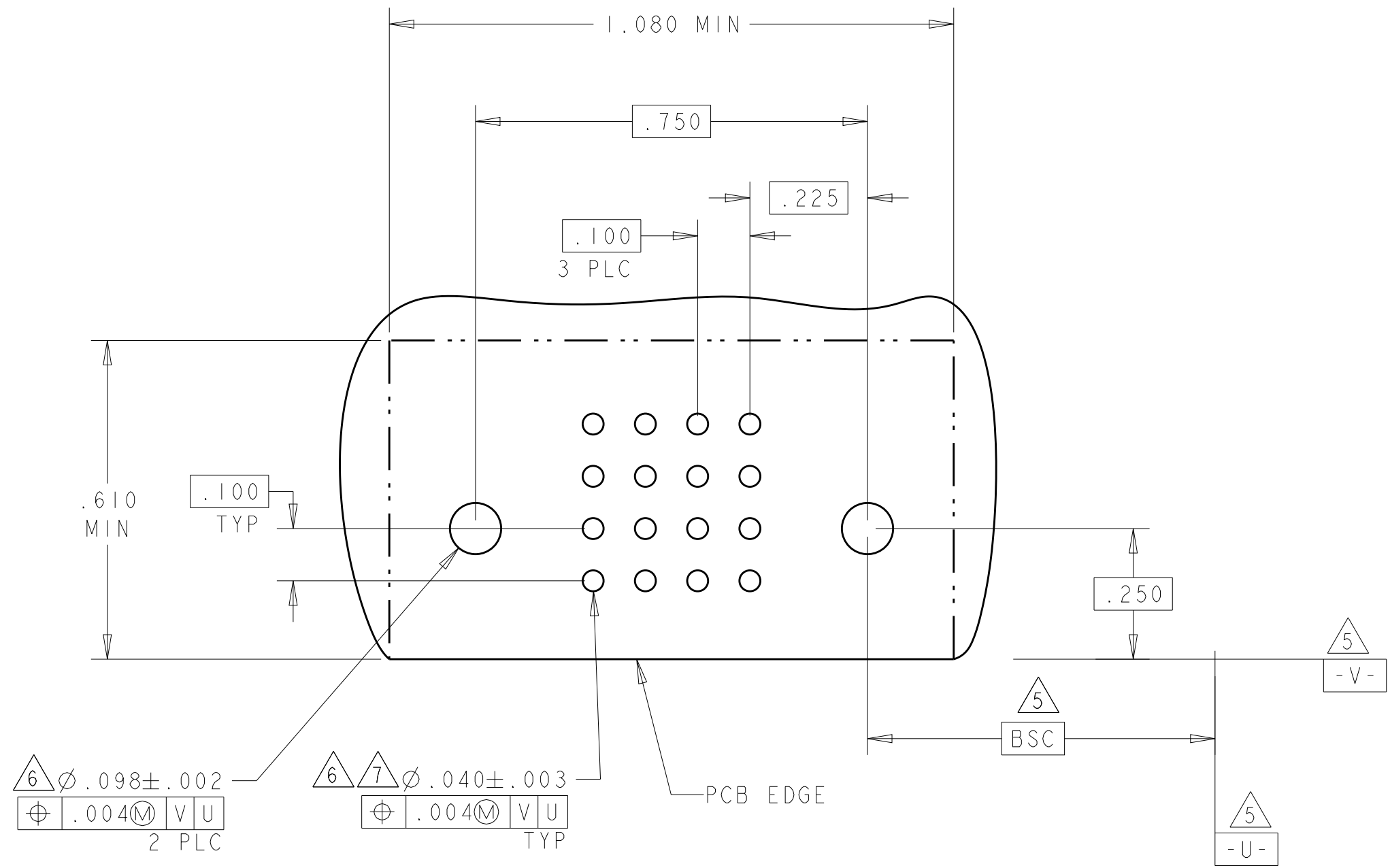


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 21FE805		 TE Connectivity	
DIMENSIONS: INCHES		CHG M. PERCHERRE 21FE805			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERRE 21FE805		NAME	
		PRODUCT SPEC		RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		108-1973			
		APPLICATION SPEC			
		114-13038			
ANGLES		WEIGHT		SIZE	
FINISH		-		CAGE CODE	
				DRAWING NO	
				RESTRICTED TO	
				-	
				A100779G-6450160	
		Customer Drawing		SCALE 3:1 SHEET 14 OF 16 REV G1	

PART NUMBER	ROWS		SIGNAL																																			
			37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10		9	8	7	6	5	4	3
4-6450160-6	D		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
	C		G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
	B		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
	A		HD	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
148S																															HD							

4805 (3/11)

PART NUMBER	ROWS		SIGNAL				
			4	3	2	1	
4-6450160-9	D		H	H	H	H	
	C		G	G	G	G	
	B		F	F	F	F	
	A		E	E	E	E	
16S		HD					HD

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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