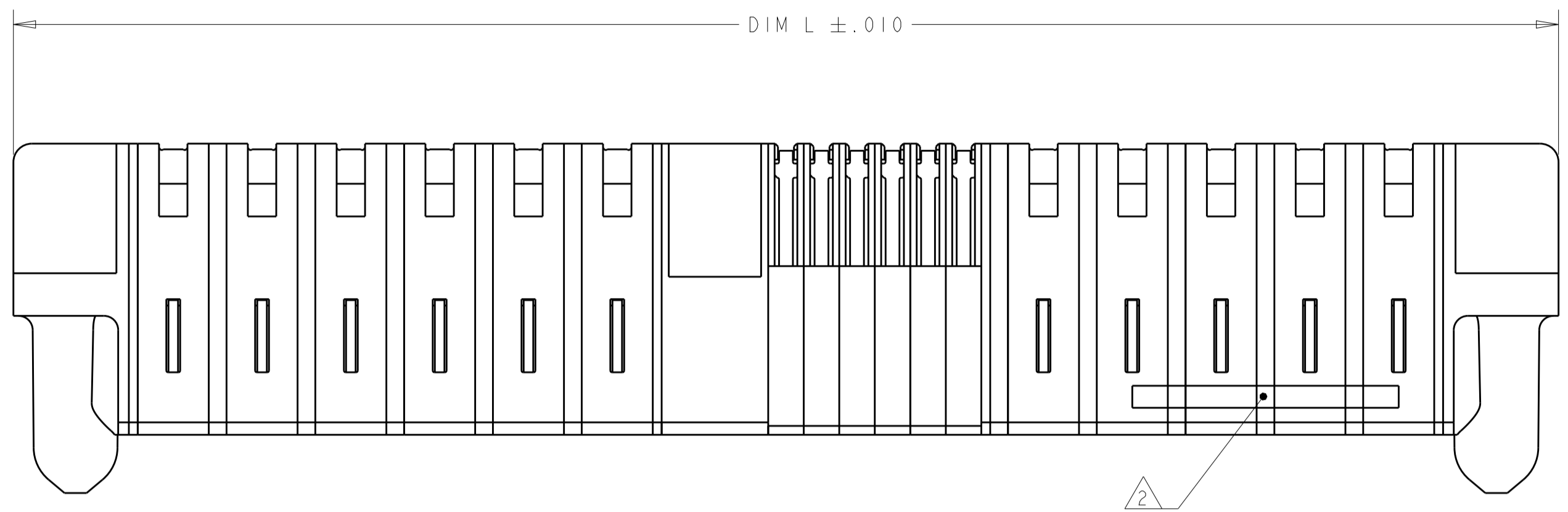
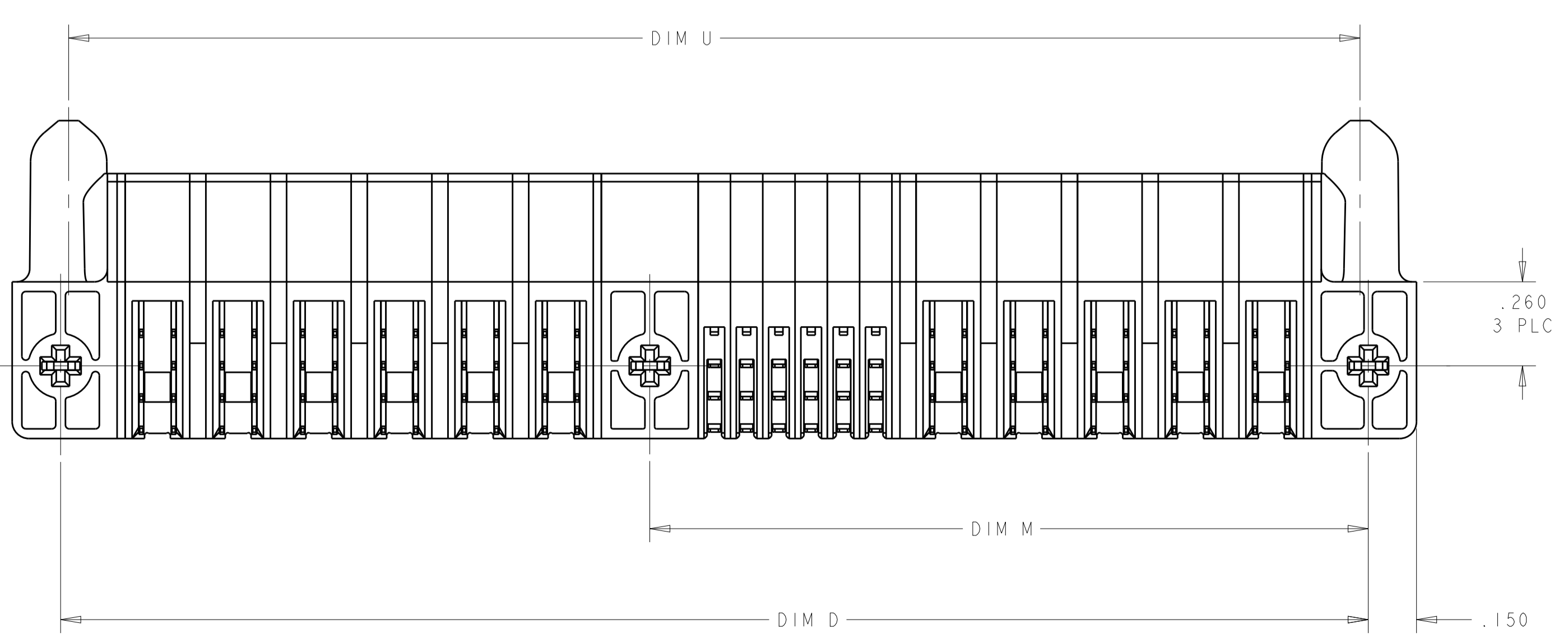
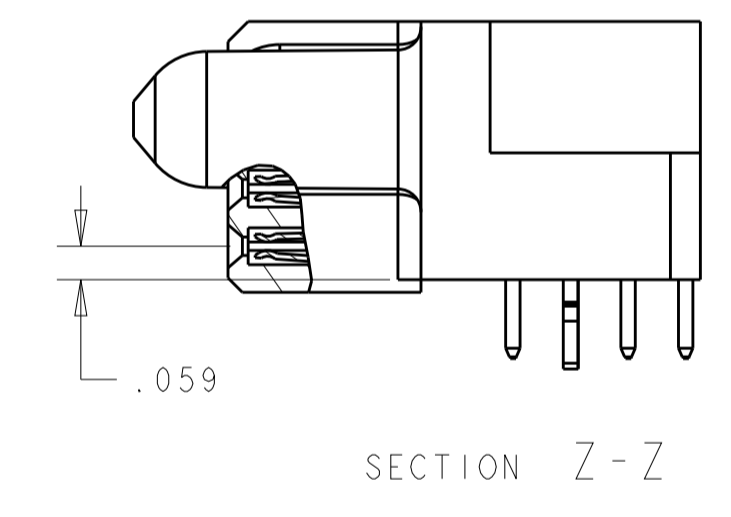
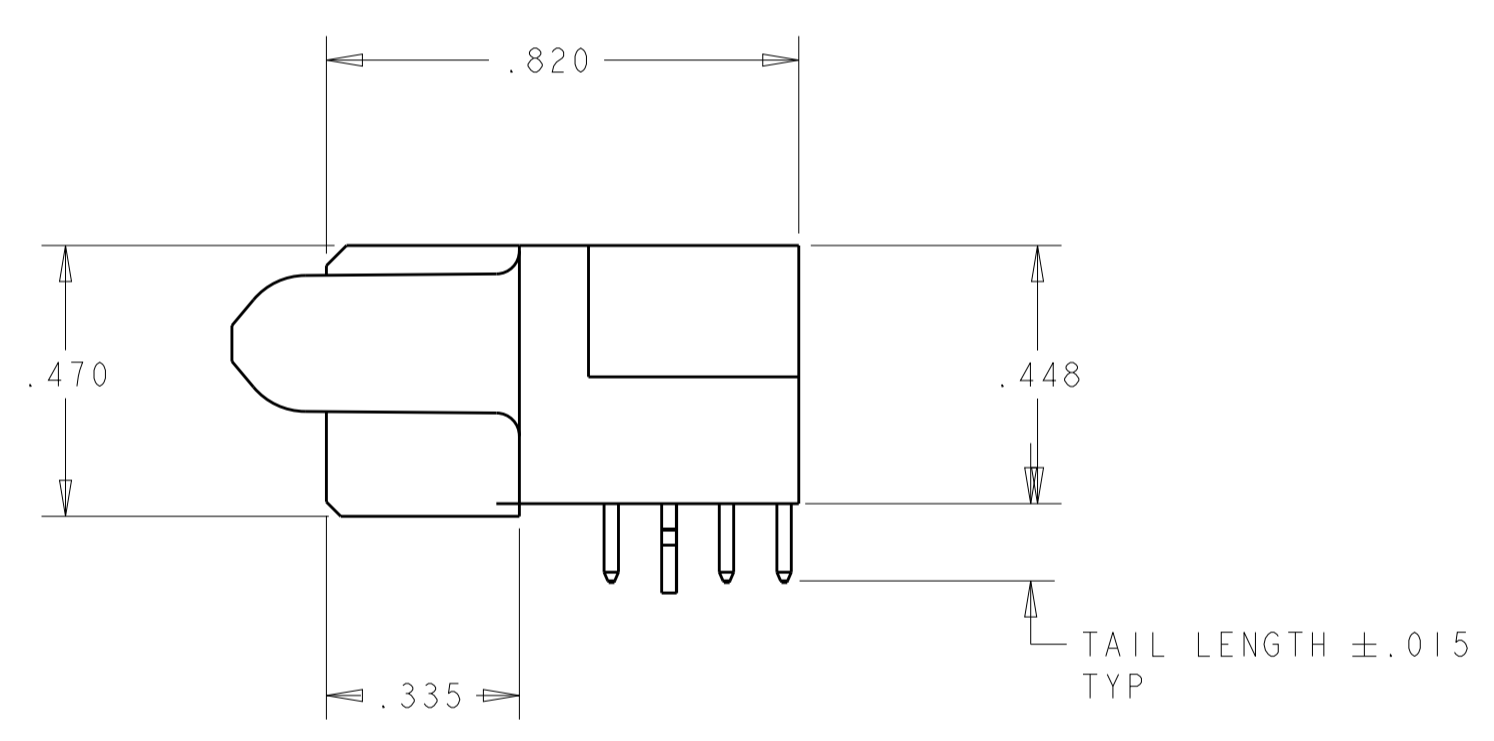
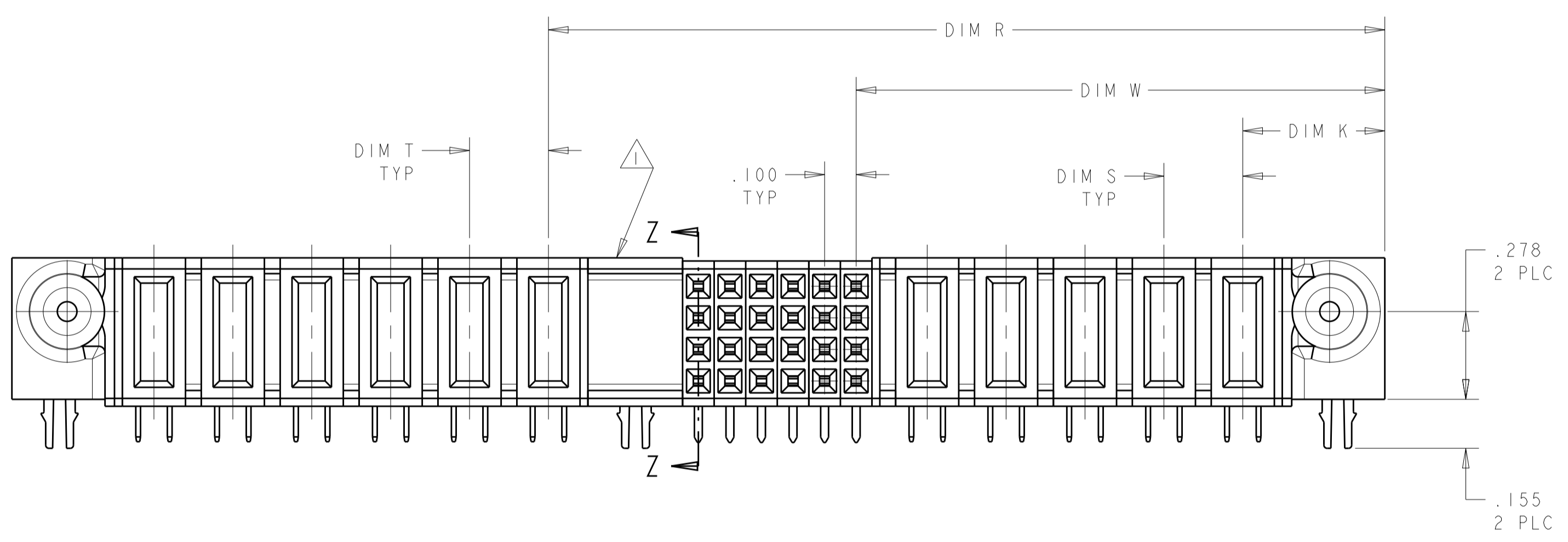


LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	APVD
GP	00	G		REV PER ECO-15-000526	19JAN2015	LAW	CZ



- 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.		OWN R. GRZYBOWSKI	ZIFB05	STE TE Connectivity
DIMENSIONS: INCHES		CHK M. PERCHERKE	ZIFB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE	ZIFB05	NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC ±		PRODUCT SPEC	108-1973	
1 PLC ±.01		APPLICATION SPEC	114-13038	SIZE A100779
2 PLC ±.005		WEIGHT	C=6450160	
3 PLC ±.002		RESTRICTED TO		SCALE 3:1 SHEET 1 OF 16 REV G1
4 PLC ±.002		Customer Drawing		
ANGLES ±.2°				
FINISH				


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LOC		DIST		REVISIONS			
GP	00	P	LTN	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	4.450	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

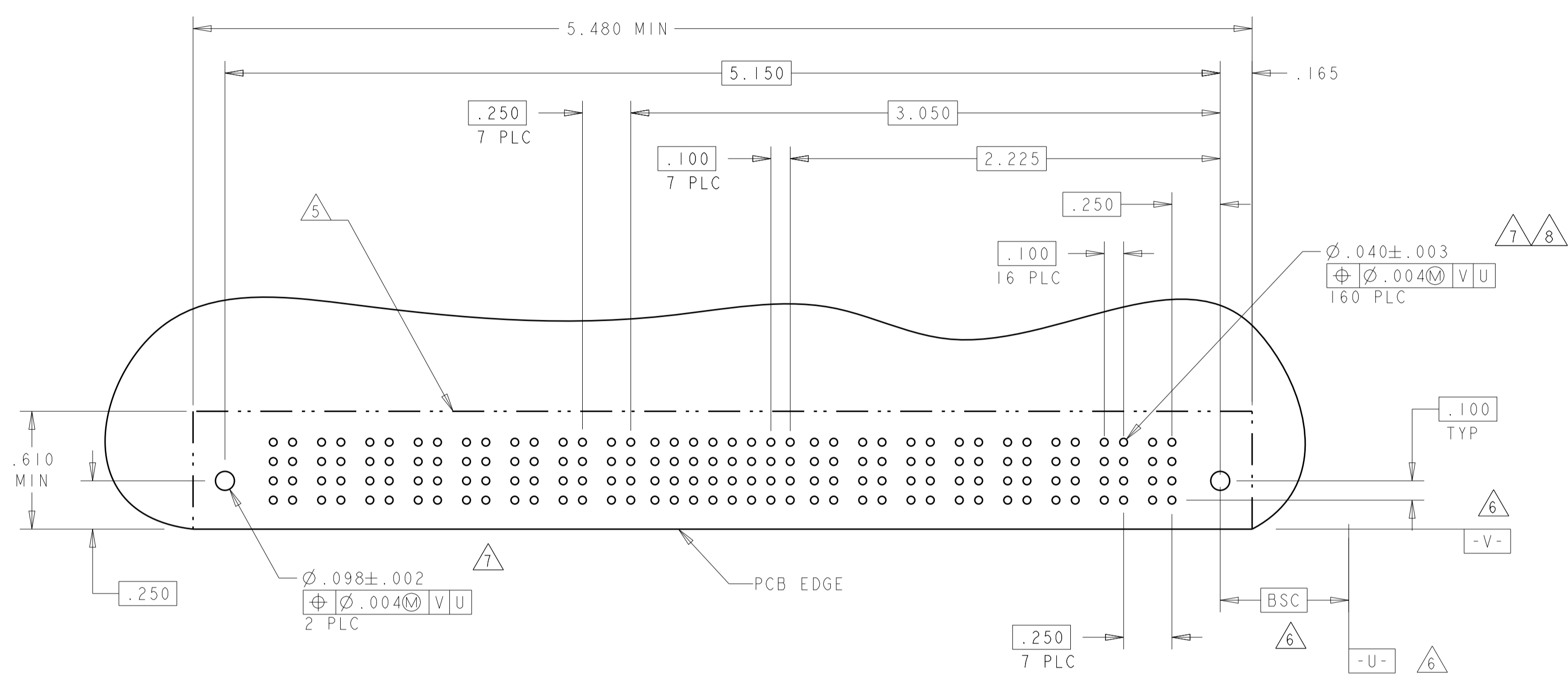
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.02°	DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	ZIFB05 ZIFB05 ZIFB05	 TE Connectivity RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
MATERIAL	FINISH	PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	NAME ZIFB05	

Customer Drawing SCALE 3:1 SHEET 2 OF 16 REV G

LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	OWN	APVD
		-		SEE SHEET 1			

PART NUMBER	ROWS	POWER							SIGNAL							POWER													
		P16	P15	P14	P13	P12	P11	P10	P9	8	7	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1				
6450160-1	D C B A	RA	RA	RA	RA	RA	RA	RA	H	H	H	H	H	H	H	H	RA	RA	RA	RA	RA	RA	RA	RA	RA				
		9' + 36S + 8P																											

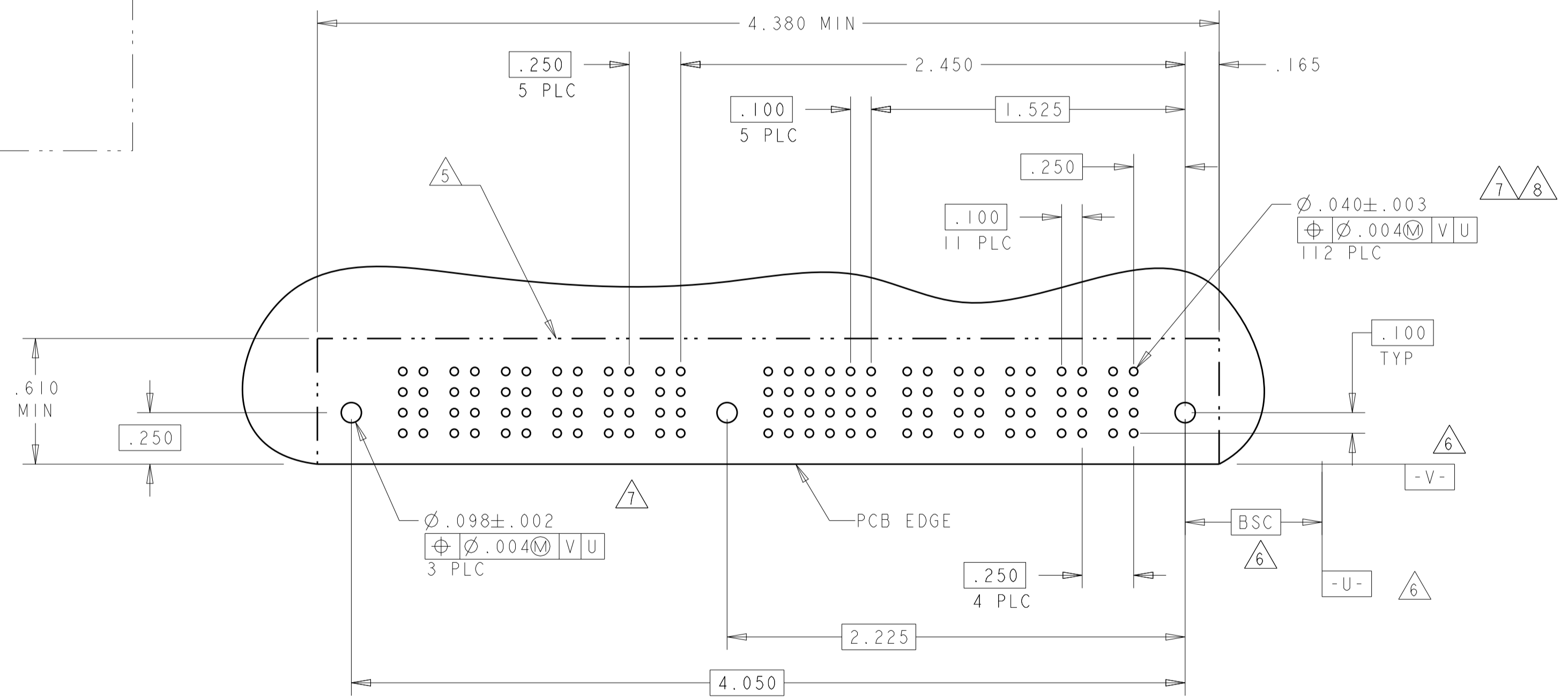
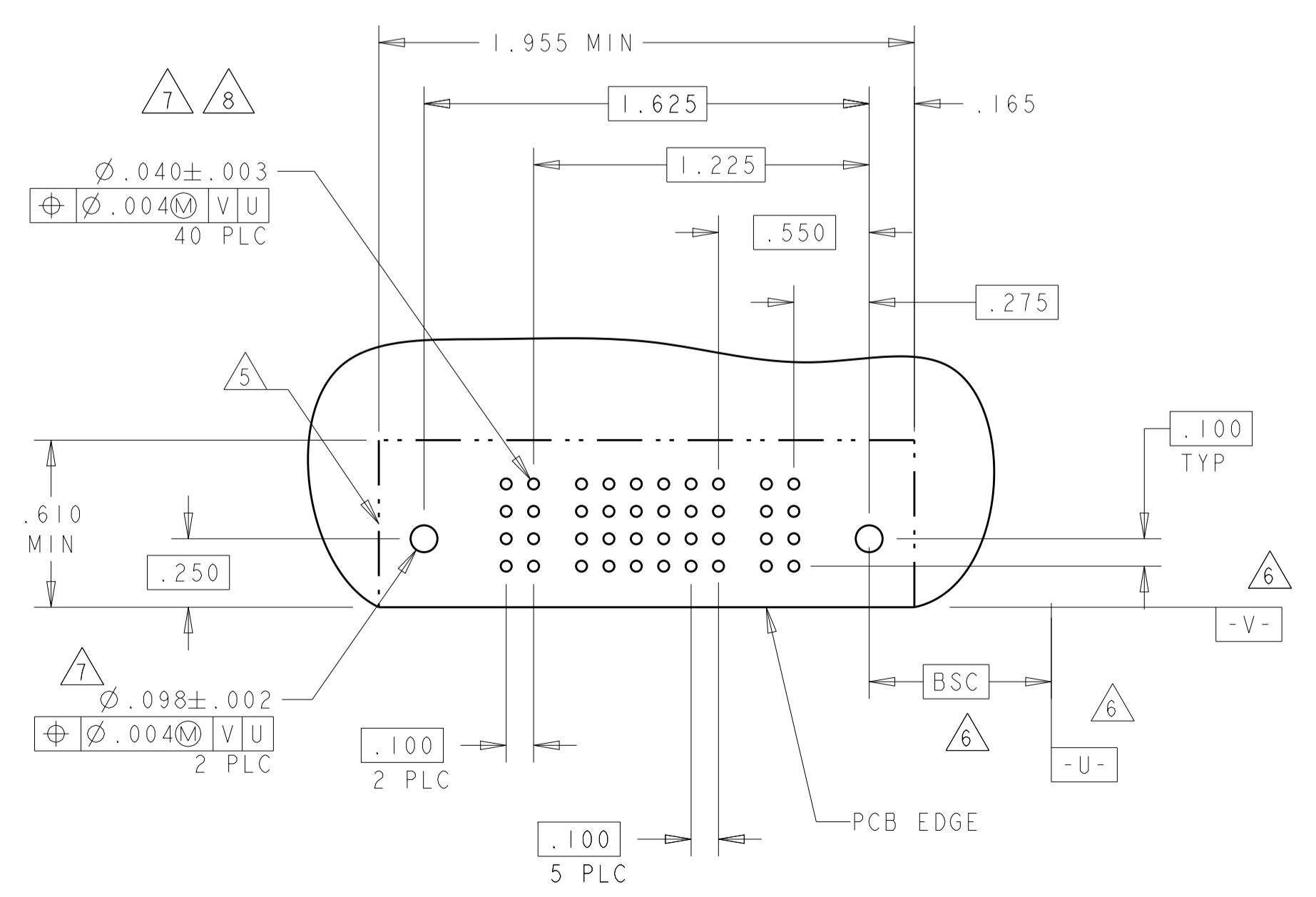


PART NUMBER	ROWS	POWER					SIGNAL					POWER						
		P11	P10	P9	P8	P7	M1	6	5	4	3	2	1	P5	P4	P3	P2	P1
6450160-4	D C B A	RB	RB	RB	RB	RB	L	L	L	L	L	L	L	RB	RB	RB	RB	RB
		5P + 24S + 1M + 6P																

PART NUMBER	ROWS	POWER					SIGNAL					POWER						
		P11	P10	P9	P8	P7	M1	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	H	RA	RA	RA	RA	RA
		5P + 24S + 1M + 6P																

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

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



CODE	TAIL LENGTH	DESCRIPTION
RN	.090	STD
RM	.135	STD
RA	.135	MFBL
RB	.090	MFBL

POWER CONTACT

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

SIGNAL CONTACT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI	21FEB05
INCHES	0 PLC ± .01	CHK: M. PERCHERKE	21FEB05
	1 PLC ± .01	APVD: M. PERCHERKE	21FEB05
	2 PLC ± .01	PRODUCT SPEC	
	3 PLC ± .01	108-1973	
	4 PLC ± .005	APPLICATION SPEC	
	5 PLC ± .005	114-13038	
	6 PLC ± .002	WEIGHT	
	ANGLES ± .2°	Customer Drawing	

MATERIAL: FINISH

NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

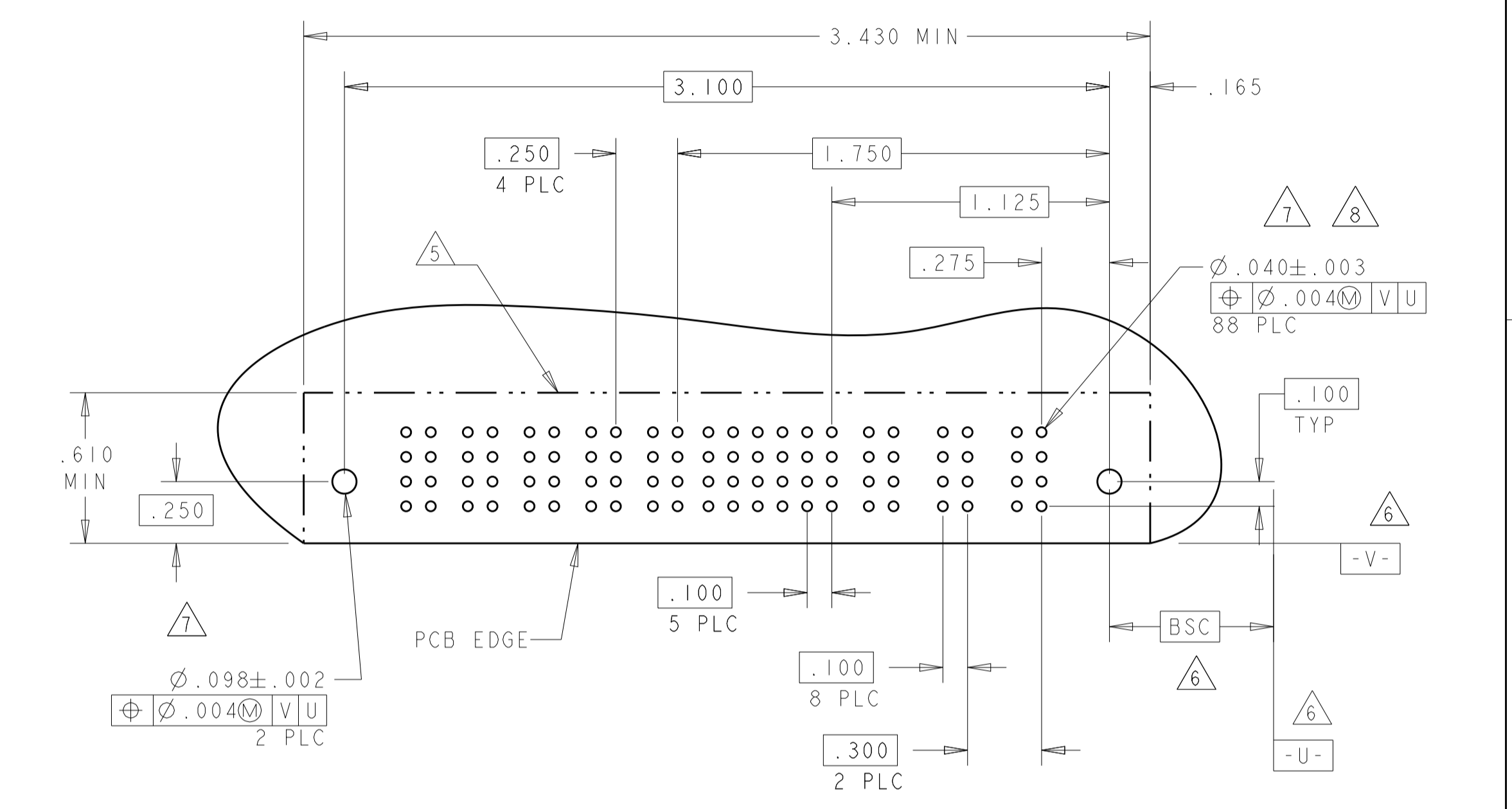
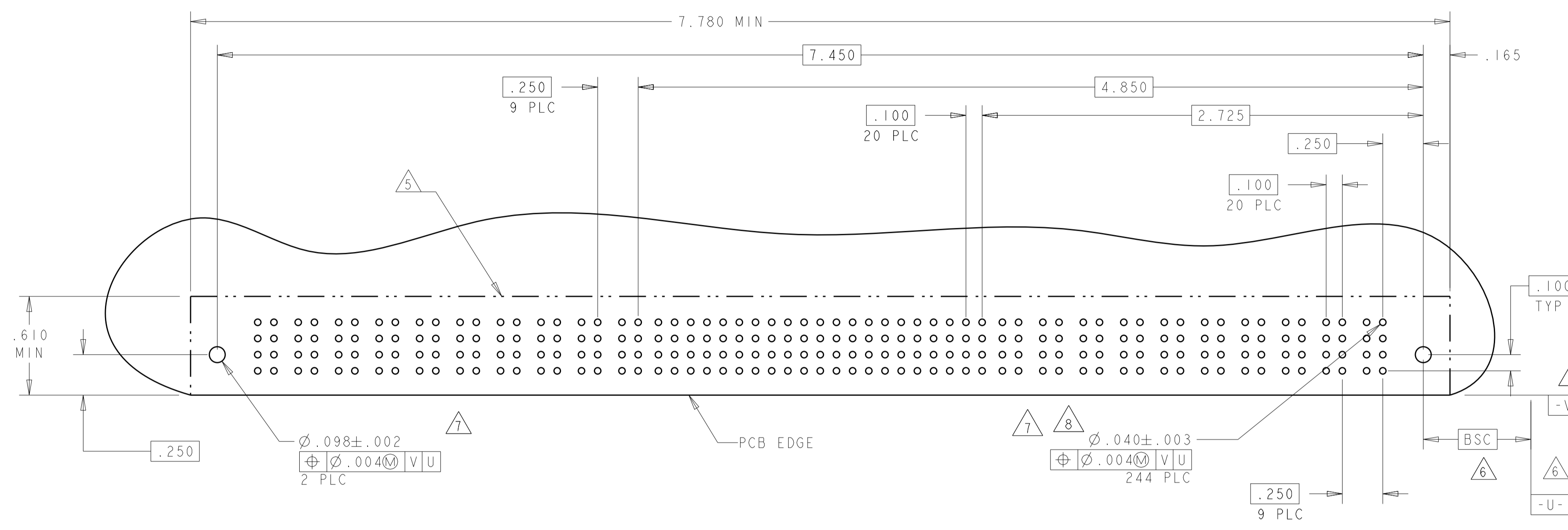
SIZE: A100779 CAGE CODE: 6450160 DRAWING NO: 114-13038

RESTRICTED TO: SCALE: 4:1 SHEET 3 OF 16 REV: G1

LOC	DIST	REV	DATE	BY	APP'D
GP	00				
REVISIONS					
P		LTH		DESCRIPTION	
				SEE SHEET 1	

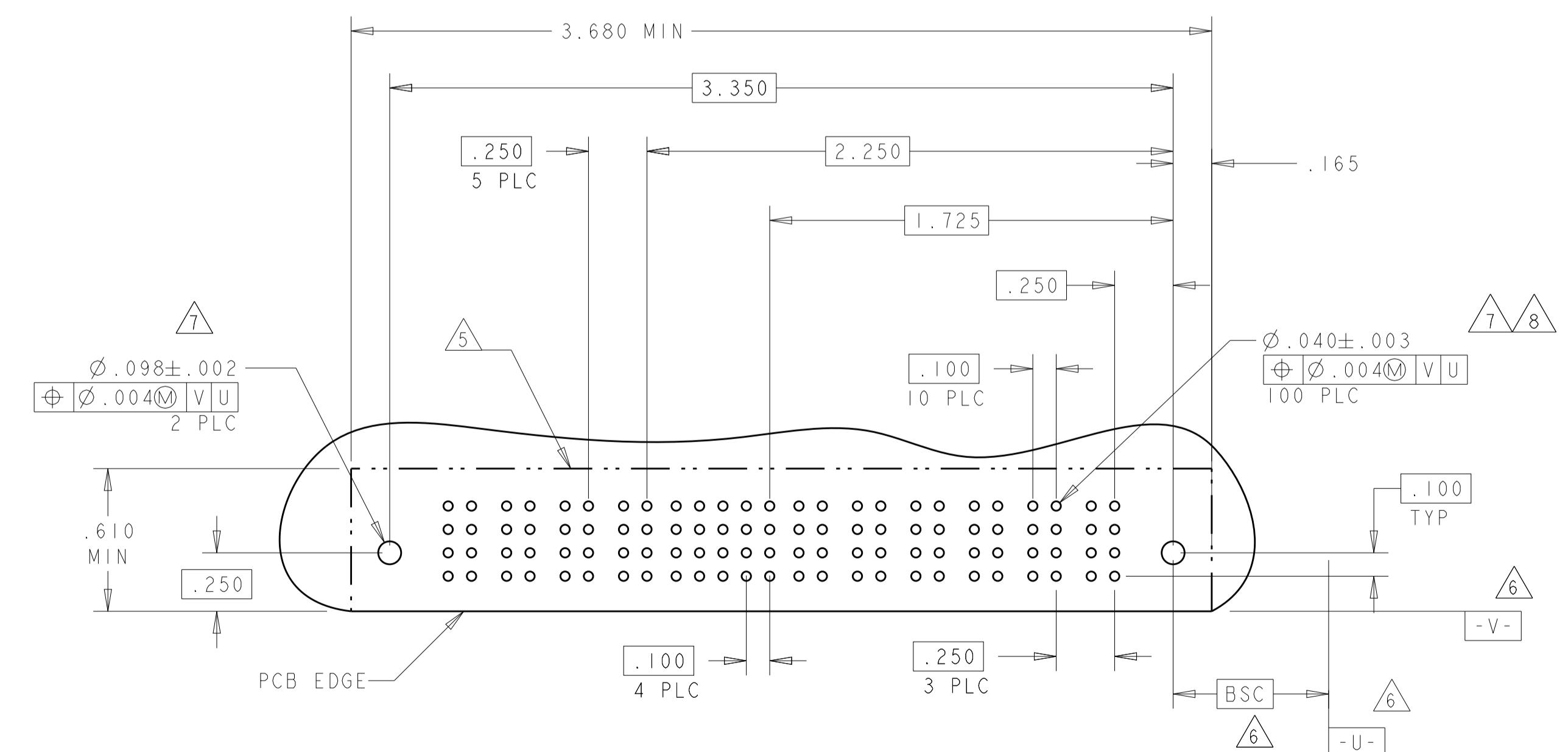
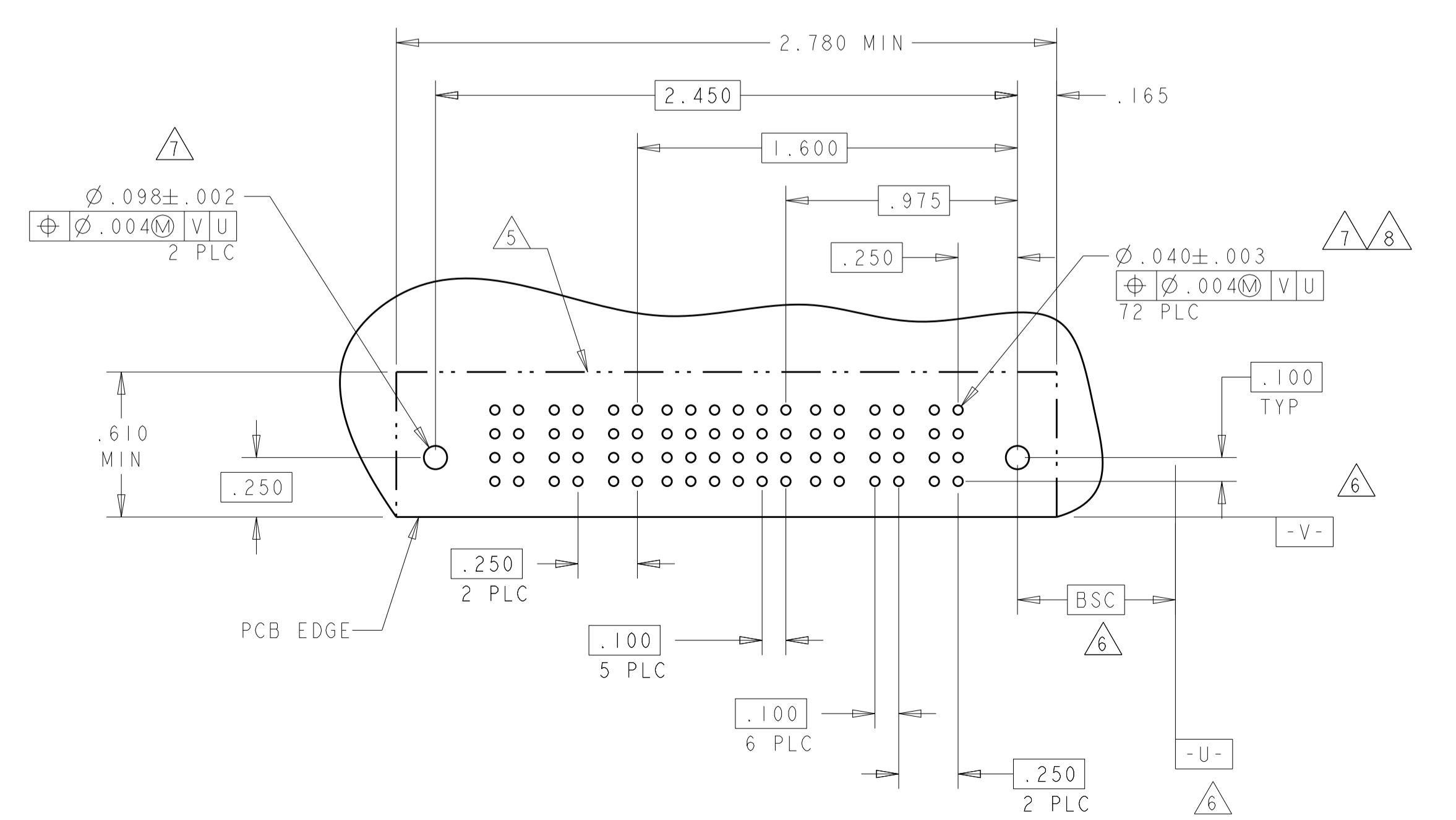
PART NUMBER	ROWS	POWER									SIGNAL											POWER																		
		P20	P19	P18	P17	P16	P15	P14	P13	P12	P11	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P10	P9	P8	P7	P6	P5	P4	P3
6450160-6	DCBA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA
		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	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	G	G	G	G	G	G	G	G	G	G	G	G	G	G
		10P + 84S + 10P																																						

PART NUMBER	ROWS	POWER						SIGNAL				POWER						
		P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	P3	P2	P1
6450160-7	DCBA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA
		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
		3ACP + 24S + 5P																



PART NUMBER	ROWS	POWER					SIGNAL					POWER			
		P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	P3	P2
6450160-8	DCBA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA
		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
		3P + 24S + 3P													

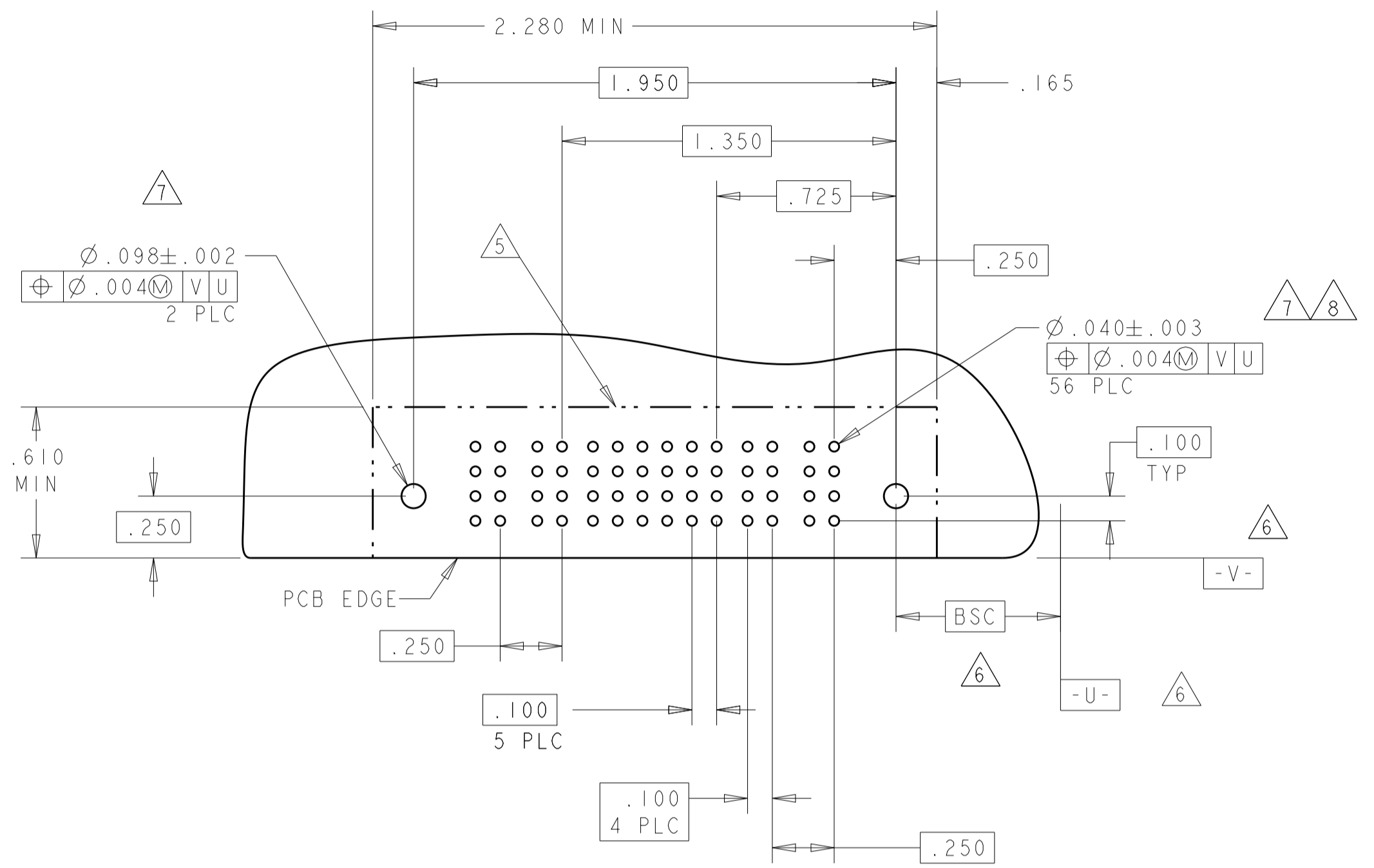
PART NUMBER	ROWS	POWER				SIGNAL				POWER						
		P10	P9	P8	P7	5	4	3	2	1	P6	P5	P4	P3	P2	P1
6450160-9	DCBA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA
		H	H	H	H	H	H	H	H	H	H	H	H	H	H	
		G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
		6P + 20S + 4P														



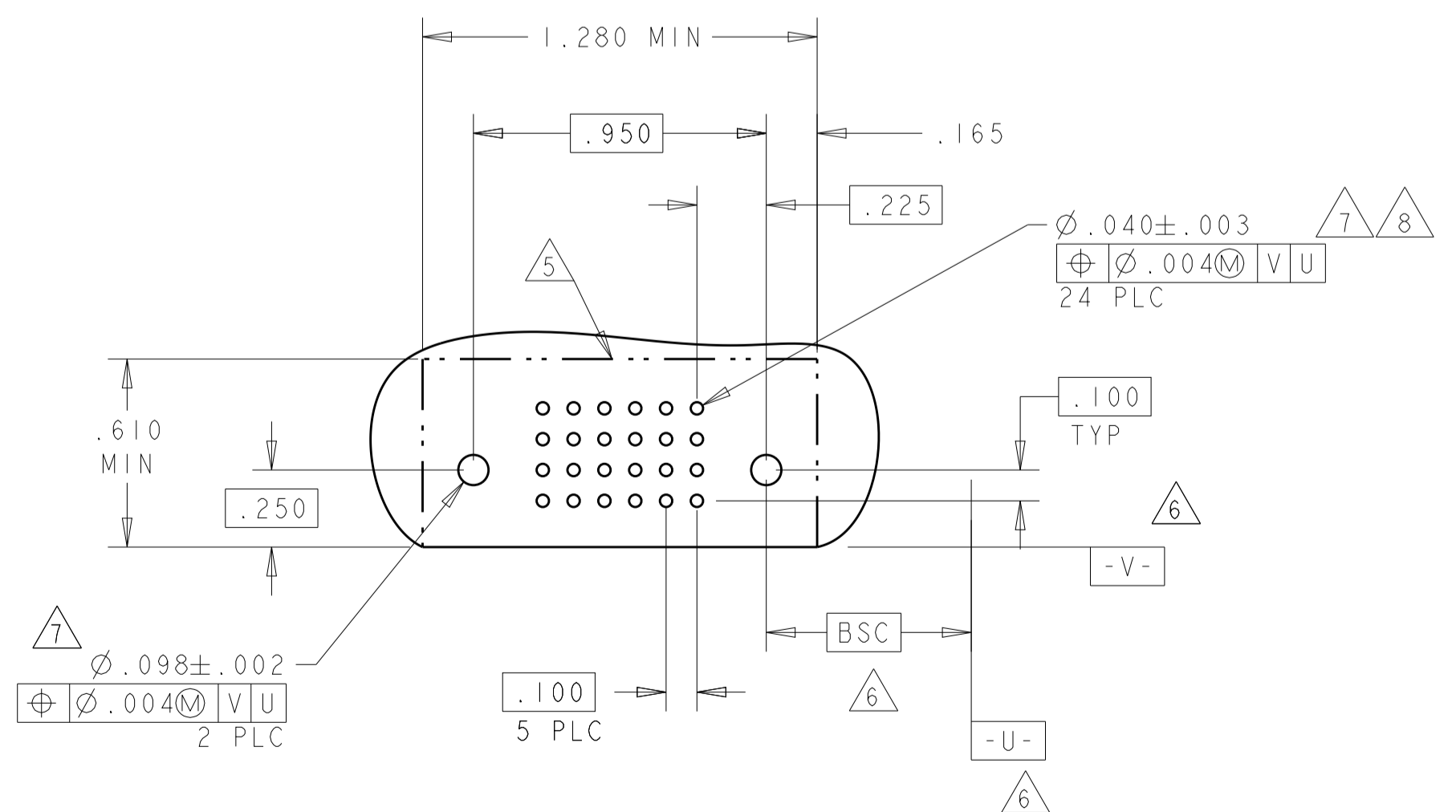
THIS DRAWING IS A CONTROLLED DOCUMENT.

<p>DIMENSIONS:</p> <p>INCHES</p>	<p>TOLERANCES UNLESS OTHERWISE SPECIFIED:</p> <p>0 PLC ±.01</p> <p>1 PLC ±.01</p> <p>2 PLC ±.01</p> <p>3 PLC ±.005</p> <p>4 PLC ±.005</p> <p>ANGLES ±.002</p>	<p>OWN: R. GRZYBOWSKI 21FEB05</p> <p>CHK: M. PERCNERKE 21FEB05</p> <p>APP'D: M. PERCNERKE 21FEB05</p> <p>PRODUCT SPEC</p> <p>108-1973</p> <p>APPLICATION SPEC</p> <p>114-13038</p> <p>WEIGHT</p>	<p>STE TE Connectivity</p> <p>NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL</p> <p>SIZE: CAGE CODE DRAWING NO: A100779 C=6450160</p> <p>Customer Drawing</p> <p>SCALE: 4:1 SHEET 4 OF 16</p>
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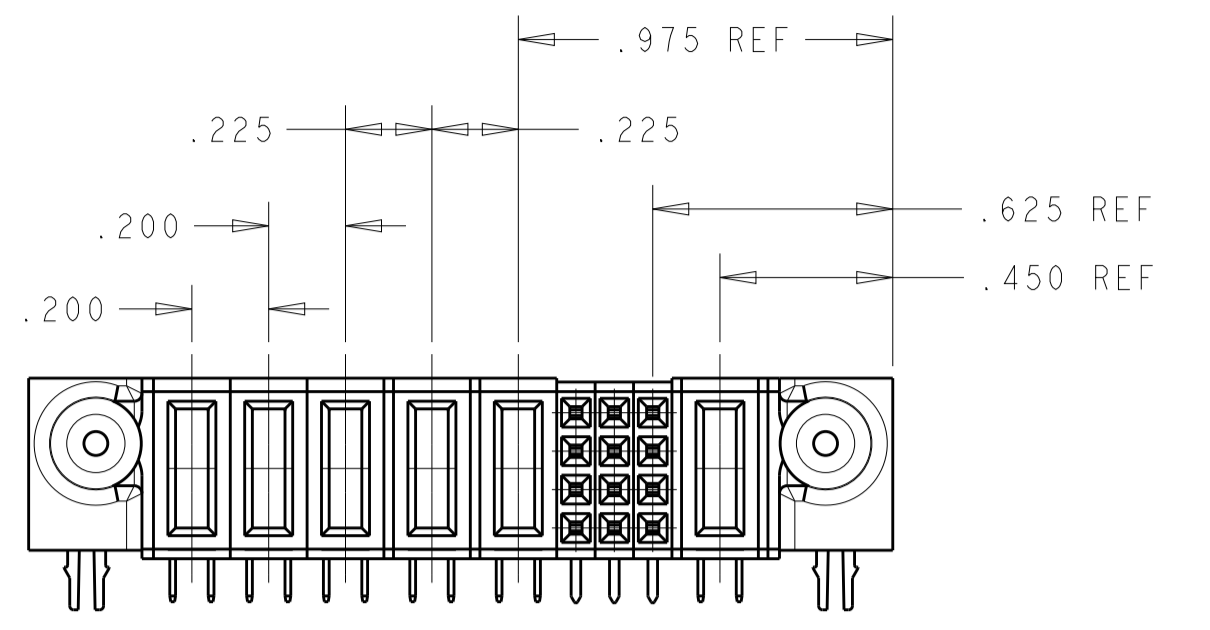
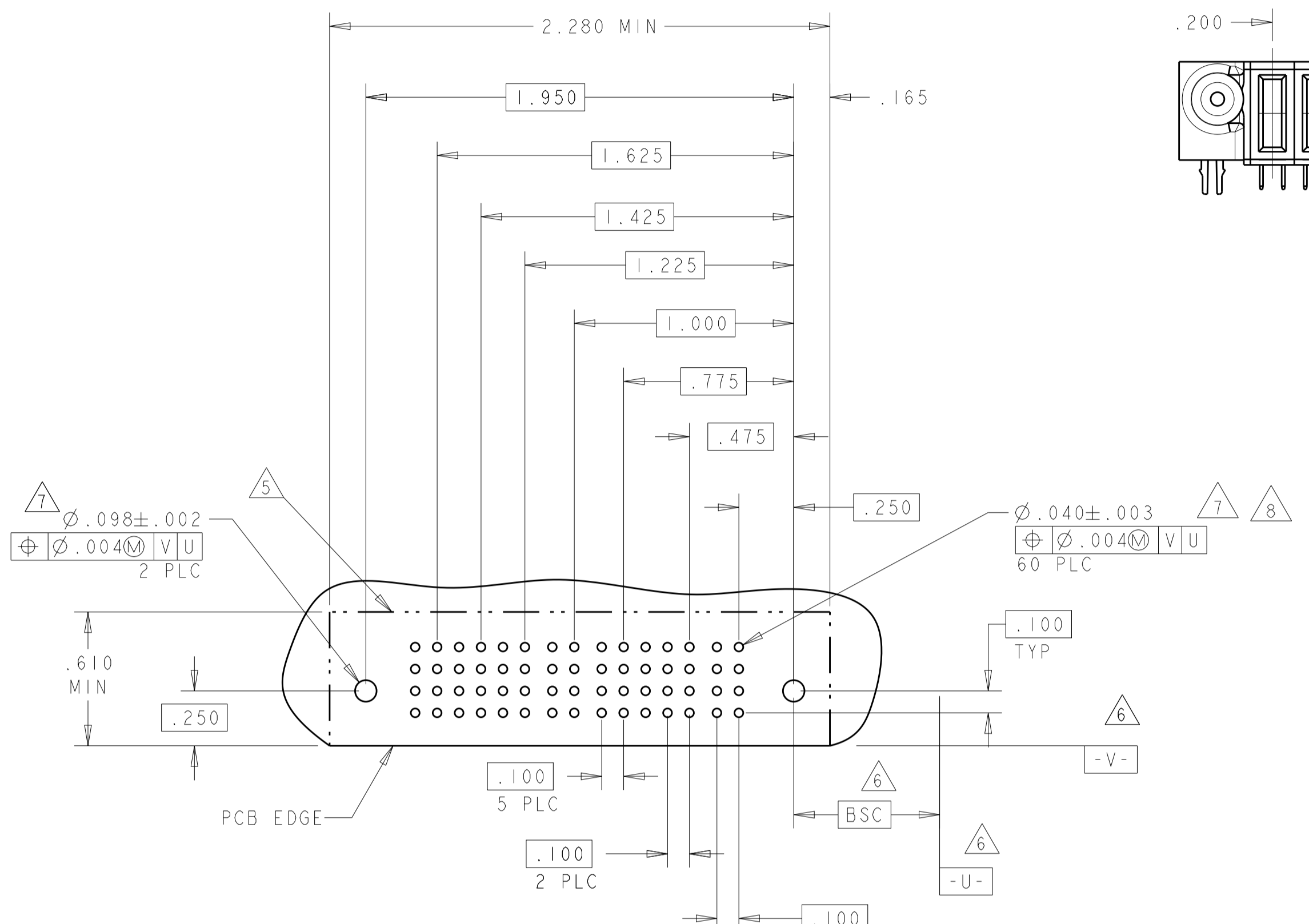
PART NUMBER	ROWS	POWER		SIGNAL					POWER		
		P4	P3	6	5	4	3	2	1	P2	P1
I-6450160-0	D C B A	RA	RA	H	H	H	H	H	H	RA	RA
				G	G	G	G	G	G		
				F	F	F	F	F	F		
2P + 24S + 2P											



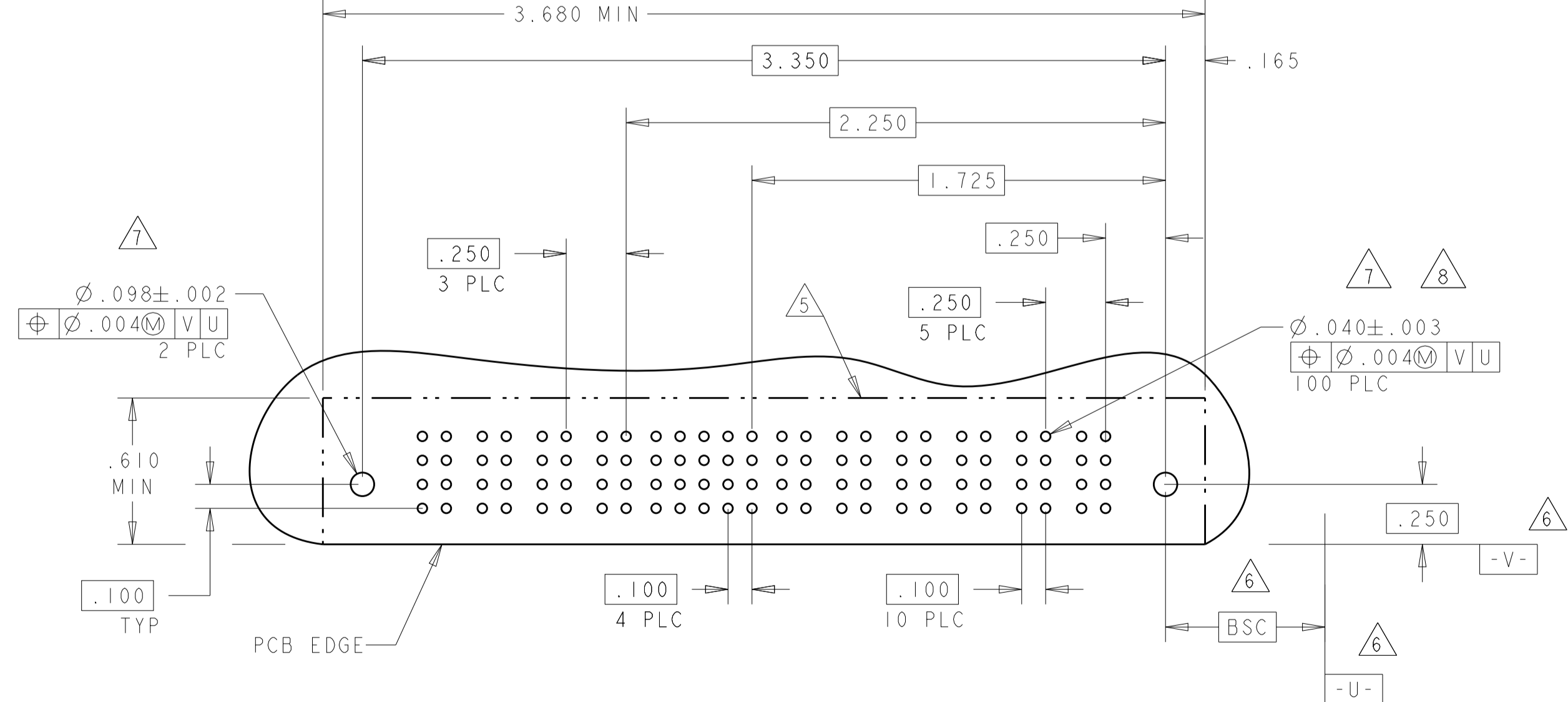
PART NUMBER	ROWS	SIGNAL					
		6	5	4	3	2	1
I-6450160-2	D C B A	L	L	L	L	L	L
		K	K	K	K	K	K
		J	J	J	J	J	J
0P + 24S + 0P							



PART NUMBER	ROWS	POWER					SIGNAL POWER				
		P6	P5	P4	P3	P2	3	2	1	P1	
I-6450160-1	D C B A	RA	RA	RA	RA	RA	H	H	H	H	RA
							G	G	G	G	
							F	F	F	F	
1P + 12S + 5P											



PART NUMBER	ROWS	POWER			SIGNAL					POWER						
		P10	P9	P8	P7	5	4	3	2	1	P6	P5	P4	P3	P2	P1
I-6450160-9	D C B A	RA	RA	RA	RA	H	H	H	H	H	RA	RA	RA	RA	RA	RA
						G	G	G	G	G						
						F	F	F	F	F	F					
6P + 20S + 4P																



THIS DRAWING IS A CONTROLLED DOCUMENT. OWN: R. GRZYBOWSKI, ZIFB05; CHK: M. PERCHERKE, ZIFB05; APVD: M. PERCHERKE, ZIFB05.

STE TE Connectivity

NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

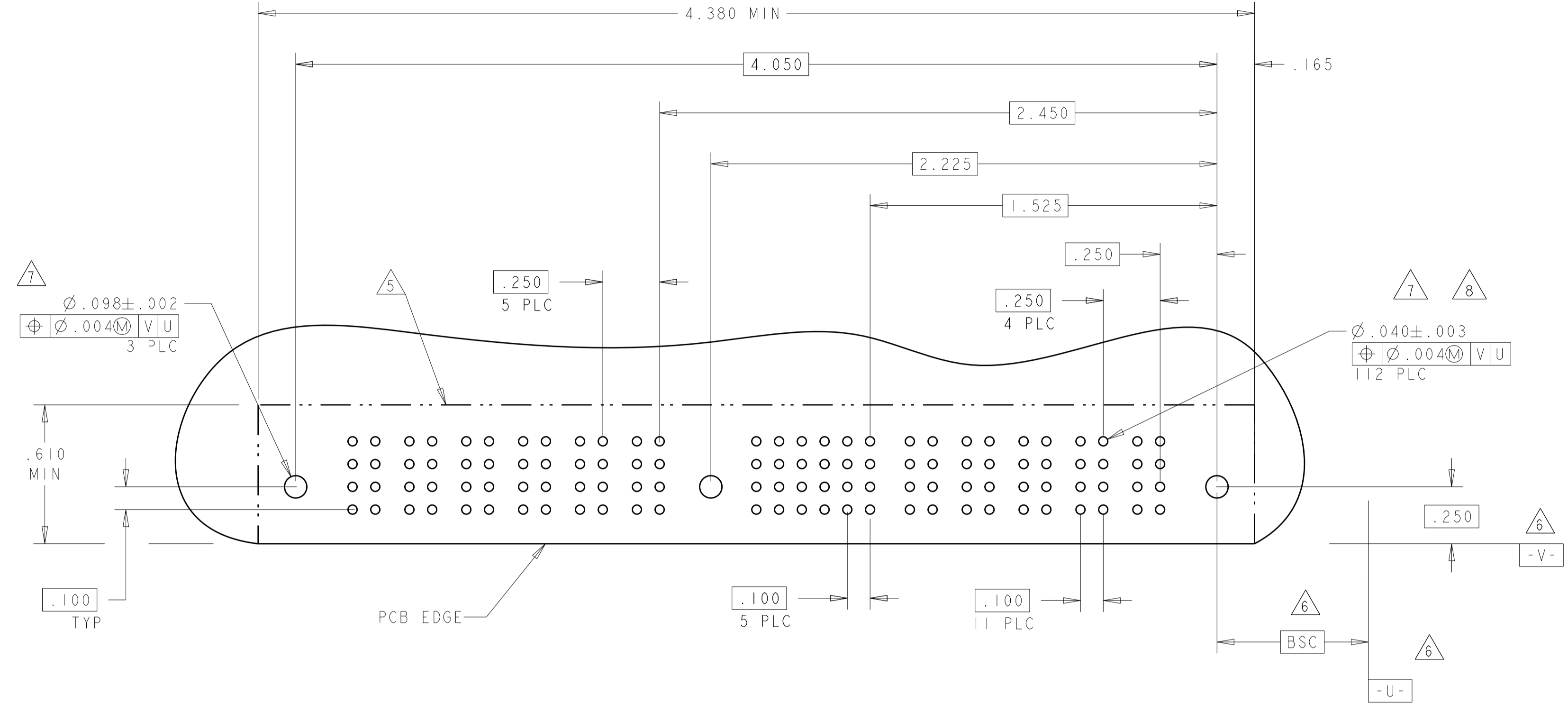
PRODUCT SPEC: 108-1973; APPLICATION SPEC: 114-13038; WEIGHT: -; SCALE: 4:1; SHEET 5 OF 16; REV: G1

MATERIAL: ***; FINISH: ***; Customer Drawing

LOC		DIST		REVISONS				
P	LTN	DATE	DMN	APVD	DESCRIPTION	DATE	DMN	APVD
-	-	-	-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER					SIGNAL					POWER						
		P11	P10	P9	P8	P7	P6	M1	6	5	4	3	2	1	P5	P4	P3	P2
2-6450160-0	D C B A	RA	RA	RA	RA	RA	RA	H	H	H	H	H	H	RA	RA	RA	RA	RA
		HD					HD	E	E	E	E	E	E					

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	RM	RM	L	L	L	L	L	L	RM	RM
		HD		J	J	J	J	J	J		
				T	T	T	T	T	T		

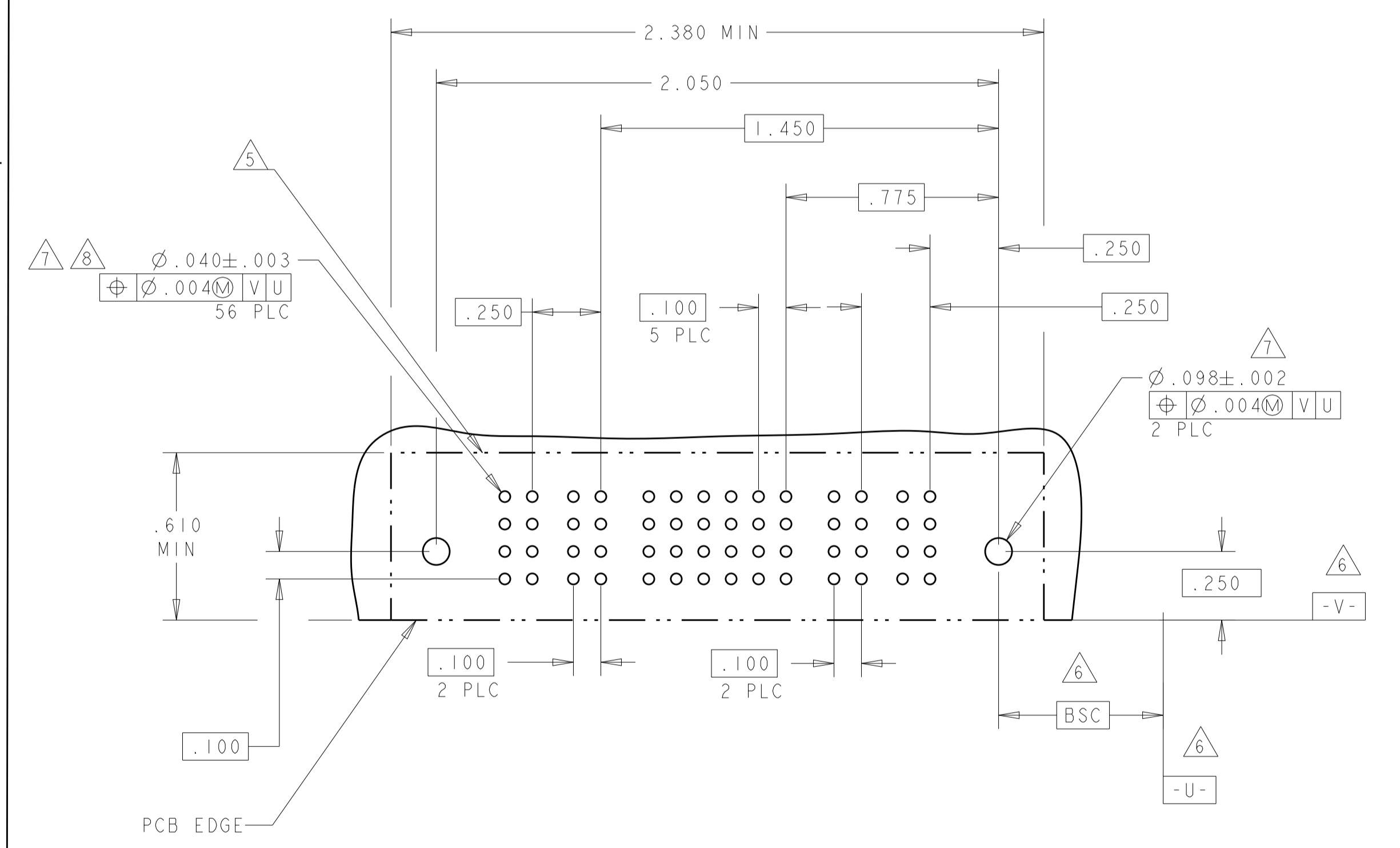
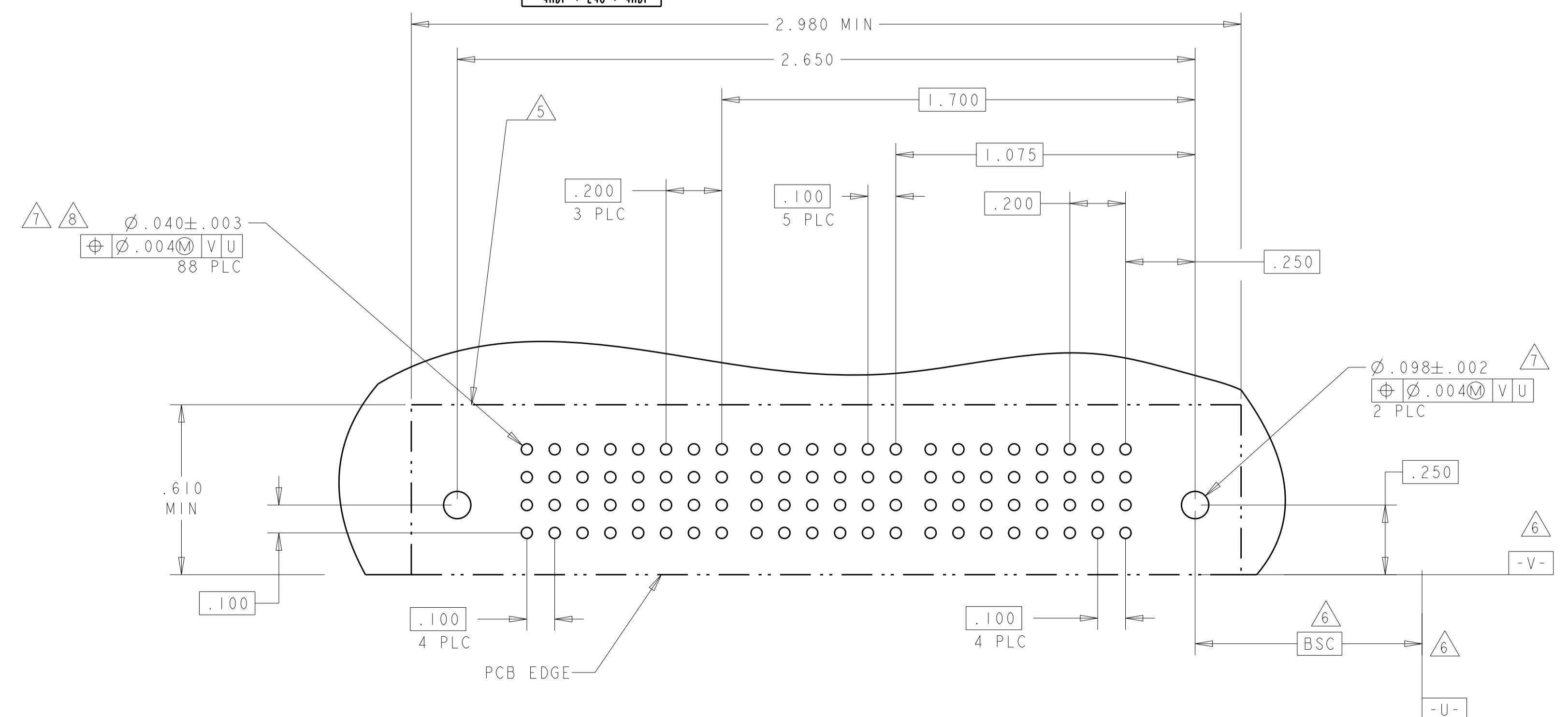
2P + 24S + 2P

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
		HD		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	RM	RM	RM	RM	H	H	H	H	H	H	RM	RM	RM	RM
		HD				G	G	G	G	G	G				
						F	F	F	F	F	F				
						E	E	E	E	E	E				

4HDP + 24S + 4HDP



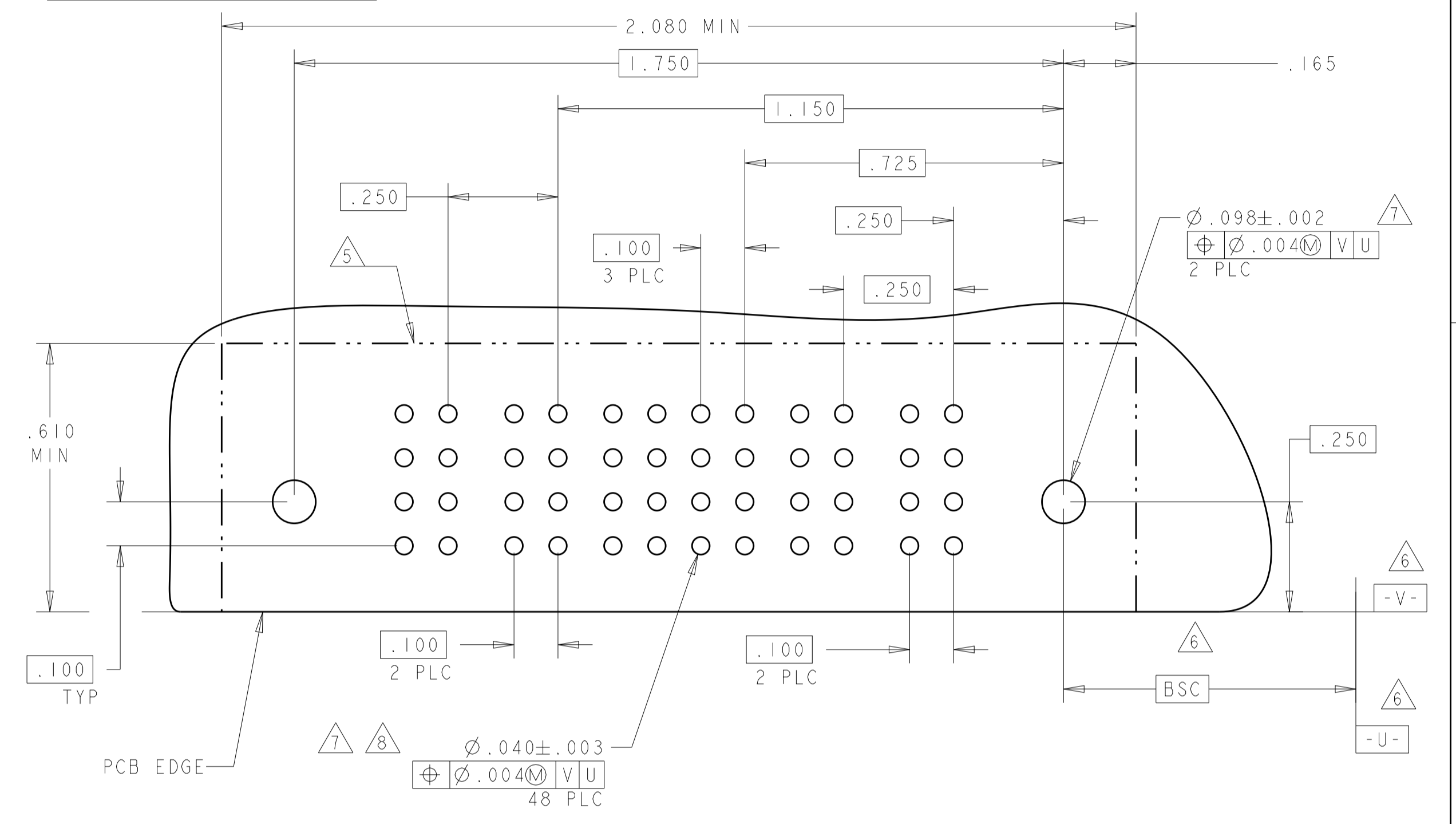
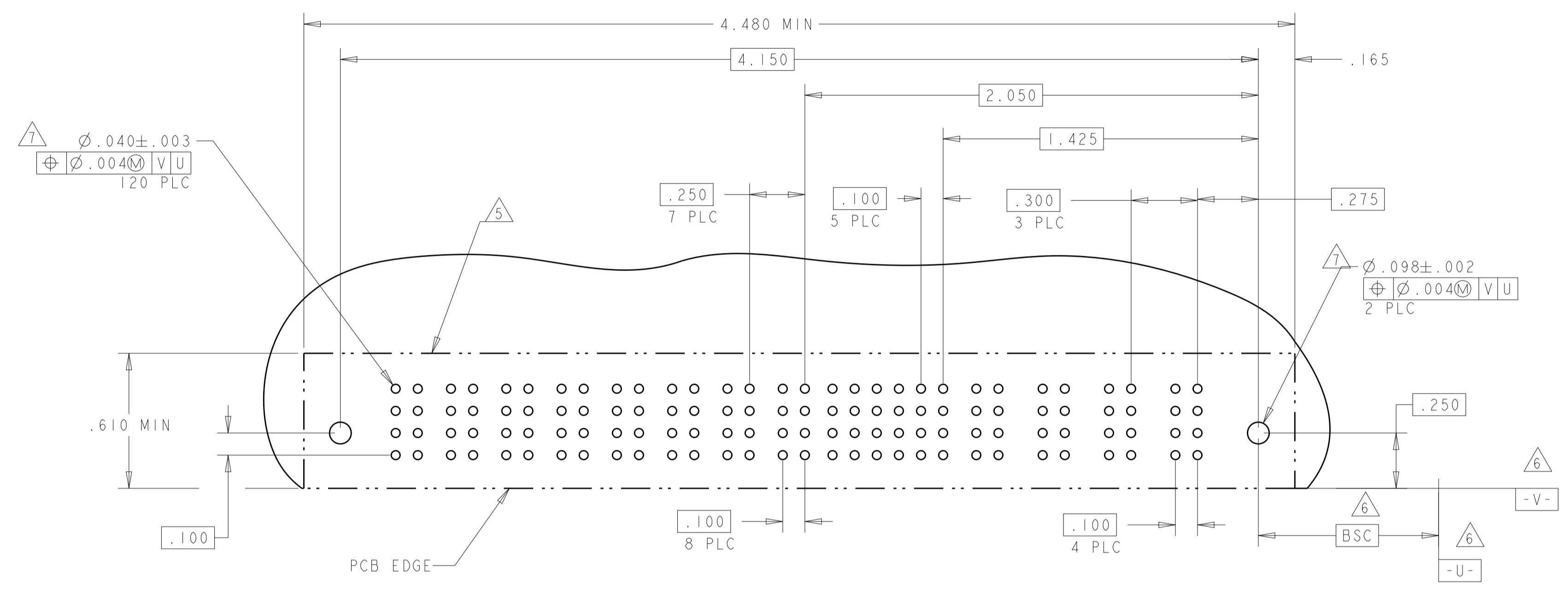
2-6450160-5 AND 4-6450160-5 PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI	ZIFB05	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE	ZIFB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	ZIFB05	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC	±	PRODUCT SPEC		SIZE: CAGE CODE DRAWING NO
1 PLC	±.01	APPLICATION SPEC		RESTRICTED TO
2 PLC	±.05	108-1973		A100779
3 PLC	±.005	114-13038		C=6450160
4 PLC	±.002	WEIGHT		SCALE: 4:1
ANGLES	±.002	Customer Drawing		SHEET 6 OF 16

PART NUMBER	ROWS	POWER								SIGNAL						POWER			
		P12	P11	P10	P9	P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1
2-6450160-9	D C B A	RM	RM	RM	RM	RM	RM	RM	RM	H	H	H	H	H	H	RM	RM	RM	RM
4ACP + 24S + 8P										G	G	G	G	G	G				
										F	F	F	F	F	F				
										E	E	E	E	E	E				

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

2P + 16S + 2P

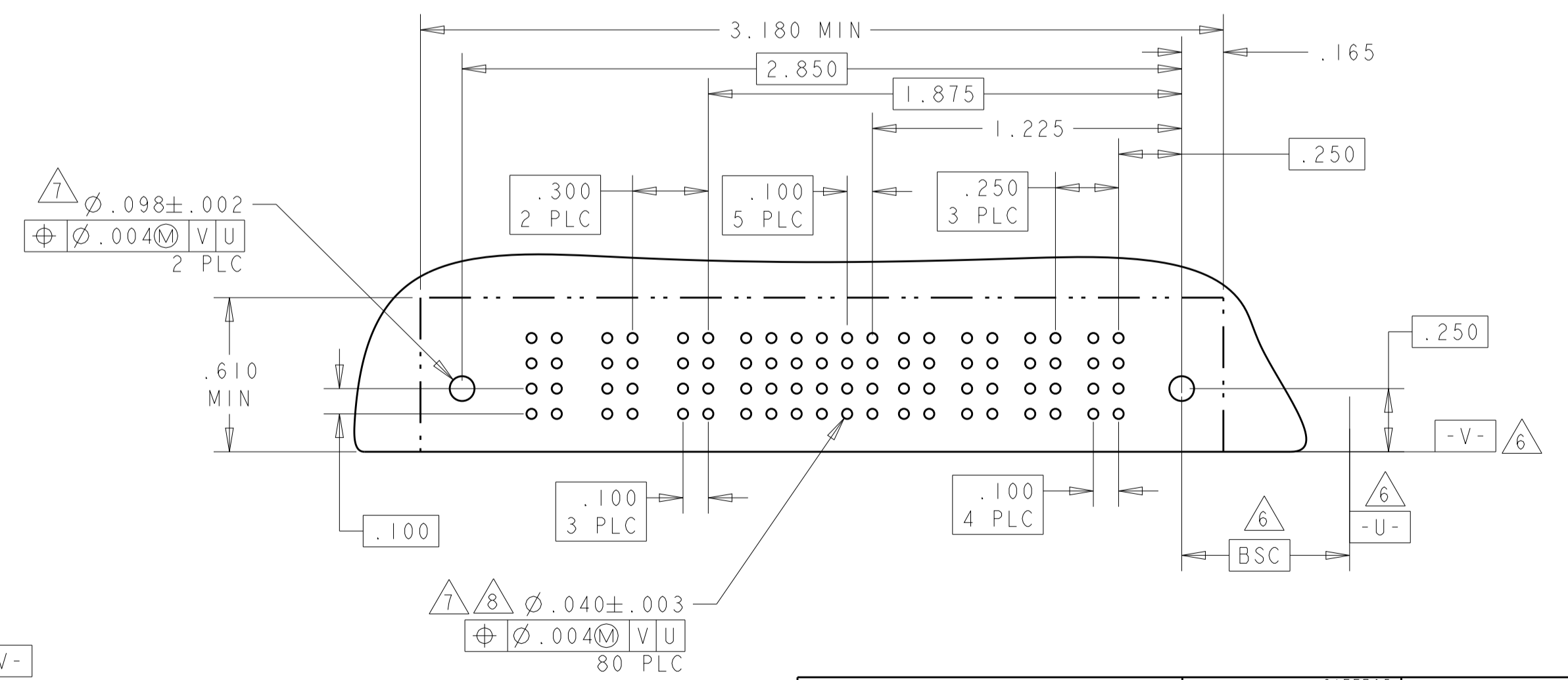
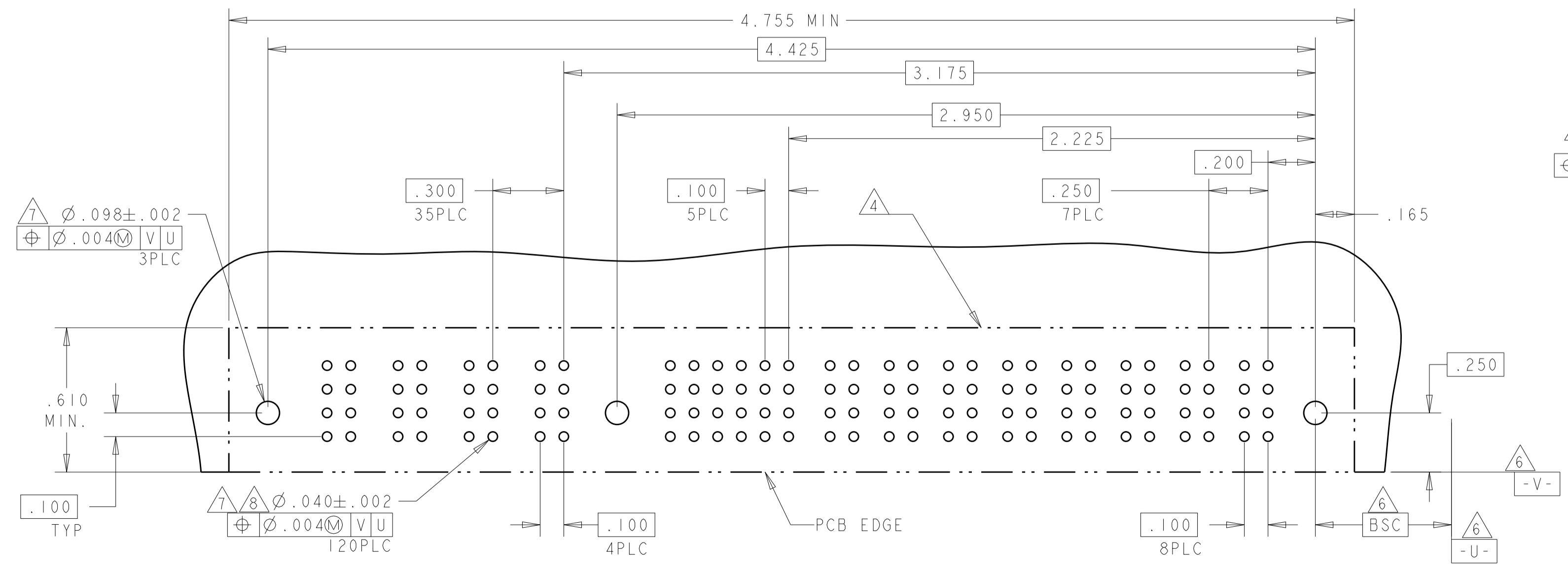


PART NUMBER	ROWS	POWER				SIGNAL						POWER							
		P12	P11	P10	P9	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1
3-6450160-0	D C B A	RM	RM	RM	RM	H	H	H	H	H	H	RM	RM	RM	RM	RM	RM	RM	RM
						G	G	G	G	G	G								
						F	F	F	F	F	F								
						E	E	E	E	E	E								

8P + 24S + 1M + 4ACP

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	RM	RM	RM	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

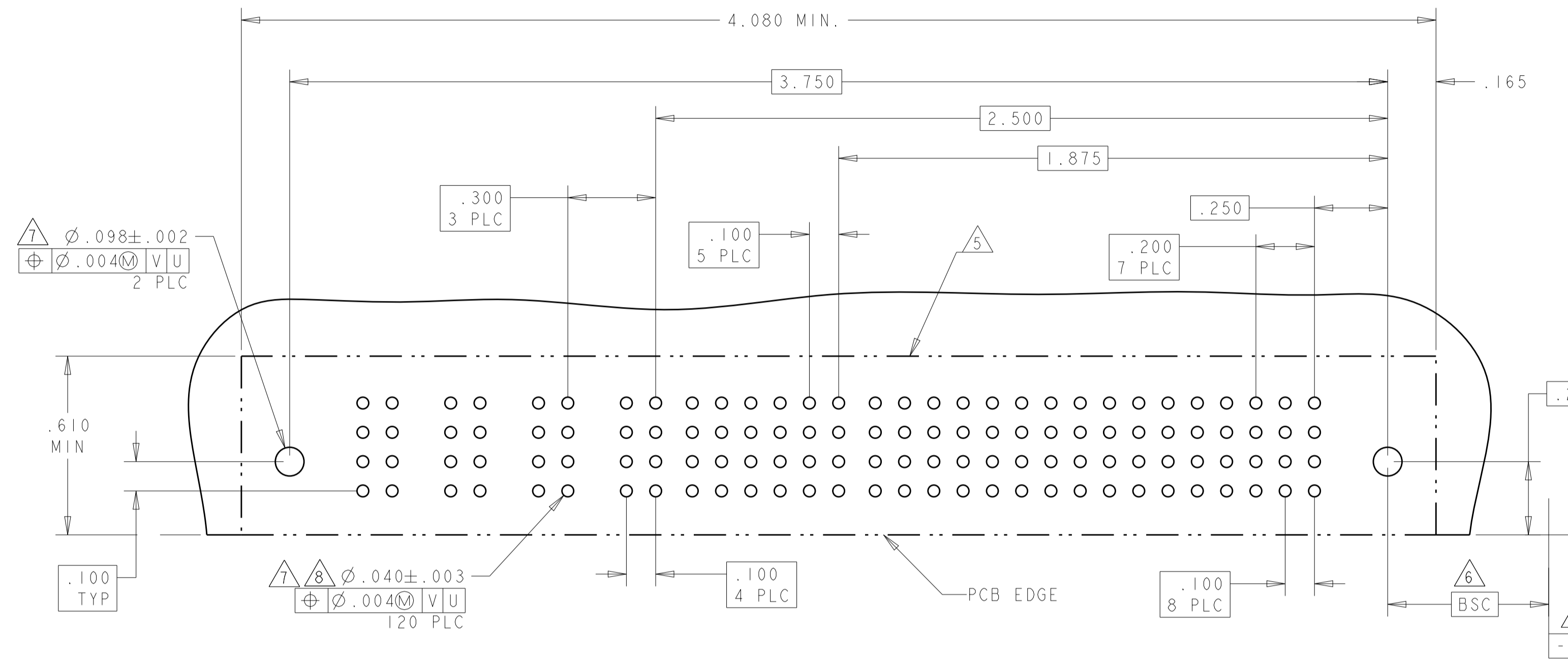


THIS DRAWING IS A CONTROLLED DOCUMENT.

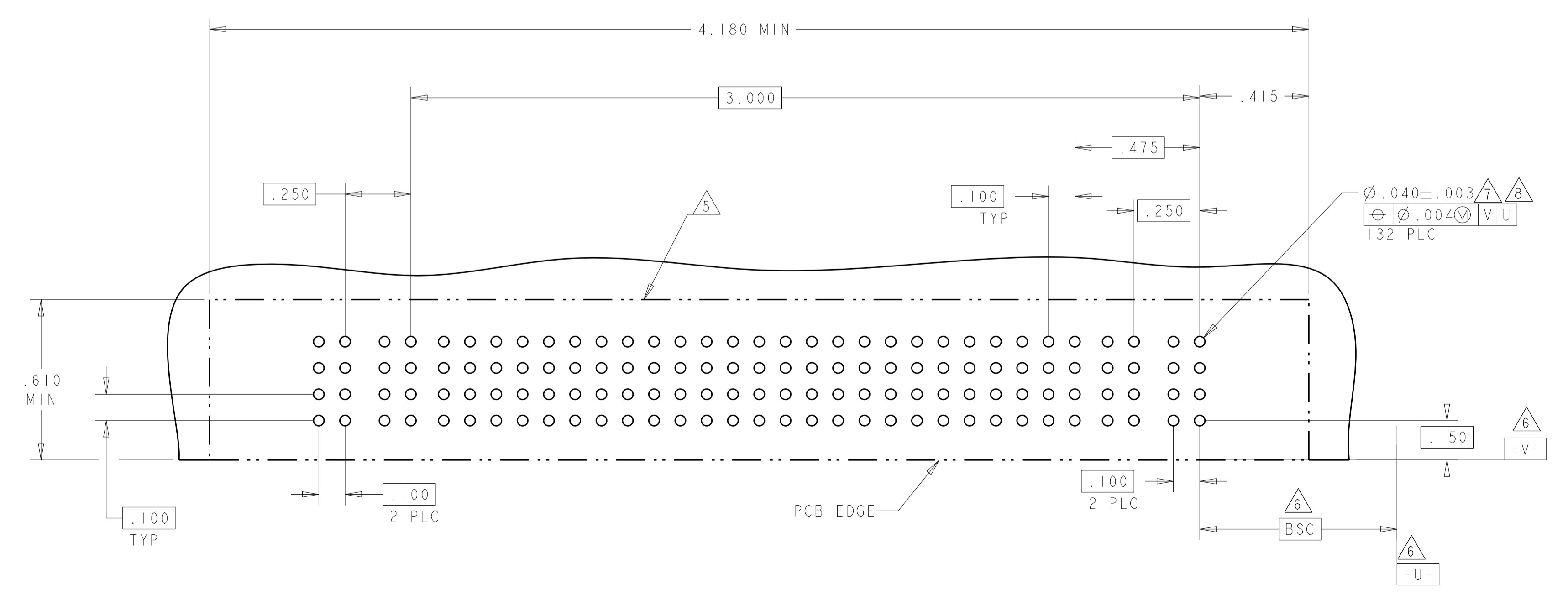
OWN: R. GRZYBOWSKI	ZIFEB05	 TE Connectivity
CHK: M. PERCHERKE	ZIFEB05	
APPV: M. PERCHERKE	ZIFEB05	
NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL		
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	SIZE: A100779
0 PLC ±.01	1 PLC ±.01	CAGE CODE: 6450160
2 PLC ±.01	3 PLC ±.01	SCALE: 3:1
4 PLC ±.005	5 PLC ±.005	SHEET 7 OF 16
6 PLC ±.002	ANGLES ±.002	REV: G1
MATERIAL:	FINISH:	Customer Drawing

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

PART NUMBER	ROWS	POWER				SIGNAL								POWER							
		P12	P11	P10	P9	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1		
3-6450160-3	D C B A	RM	RM	RM	RM	H	H	H	H	H	H	RM	RM	RM	RM	RM	RM	RM	RM		
		RM	RM	RM	RM	G	G	G	G	G	G	RM	RM	RM	RM	RM	RM	RM	RM		
		RM	RM	RM	RM	F	F	F	F	F	F	RM	RM	RM	RM	RM	RM	RM	RM		
		RM	RM	RM	RM	E	E	E	E	E	E	RM	RM	RM	RM	RM	RM	RM	RM		
8P + 24S + 4ACP																					



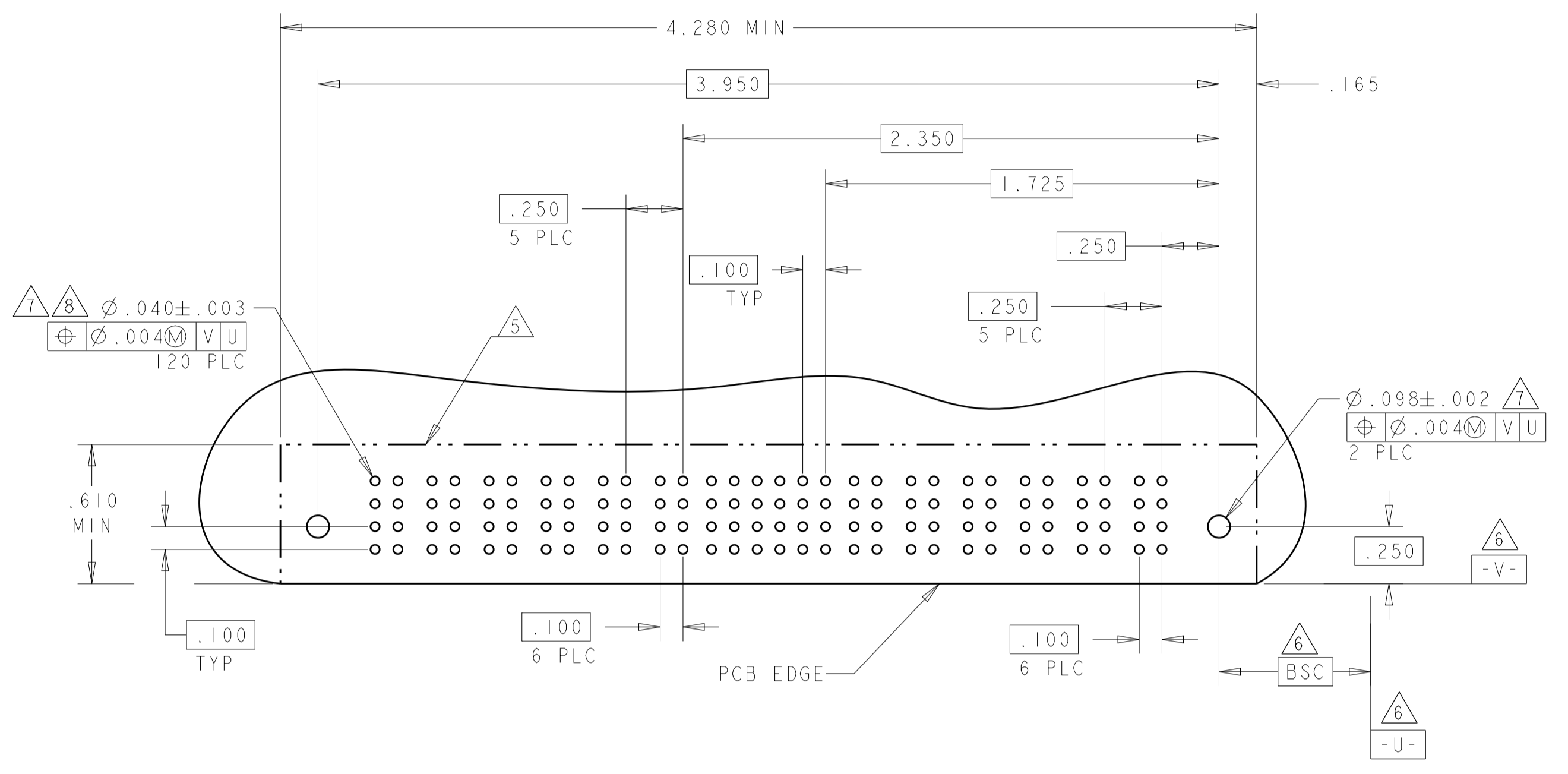
PART NUMBER	ROWS	POWER		SIGNAL																				POWER							
		P4	P3	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1	
3-6450160-4	D C B A	RM	RM	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	RM	RM
		RM	RM	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	RM	RM
		RM	RM	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	RM	RM
		RM	RM	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	RM	RM
2P + 100S + 2P																															



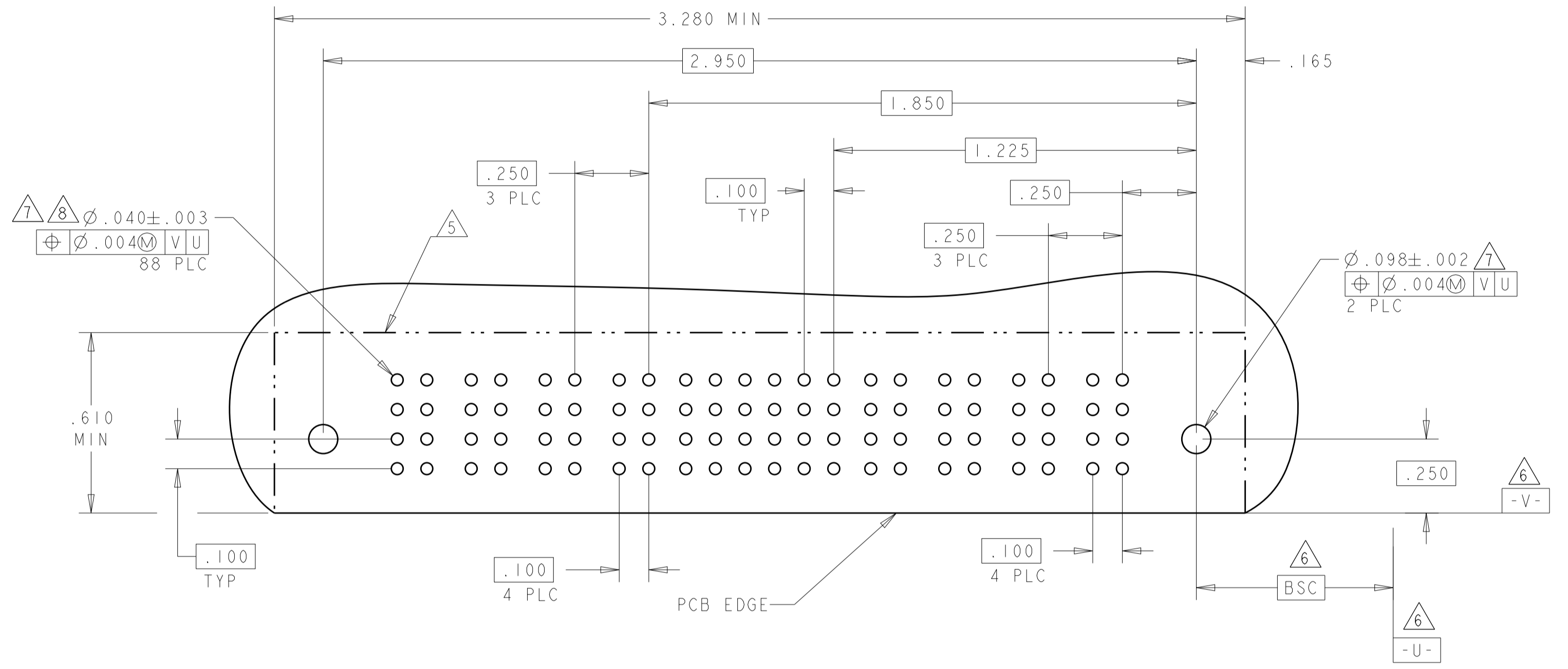
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 21FEB05	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 21FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE 21FEB05	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.2°		PRODUCT SPEC: 108-1973	SIZE: A100779
MATERIAL: FINISH:		APPLICATION SPEC: 114-13038	DRAWING NO: C=6450160
		WEIGHT: -	RESTRICTED TO: -
		Customer Drawing	SCALE: 3:1 SHEET 8 OF 16 REV: G1

LOC	DIST	REV	DATE	BY	APPV
GP	00				
		REVISIONS			
		DESCRIPTION	DATE	BY	APPV
		SEE SHEET 1			

PART NUMBER	ROWS	POWER					SIGNAL					POWER						
		P12	P11	P10	P9	P8	6	5	4	3	2	1	P6	P5	P4	P3	P2	P1
3-6450160-6	D C B A	RM	RM	RM	RM	RM	H	H	H	H	H	H	RM	RM	RM	RM	RM	RM
		HD					E	E	E	E	E	E	HD					HD
		6P + 24S + 6P																



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	RM	RM	RM	RM	H	H	H	H	H	H	RM	RM	RM	RM
		HD				F	F	F	F	F	F	HD			
		4P + 24S + 4P													



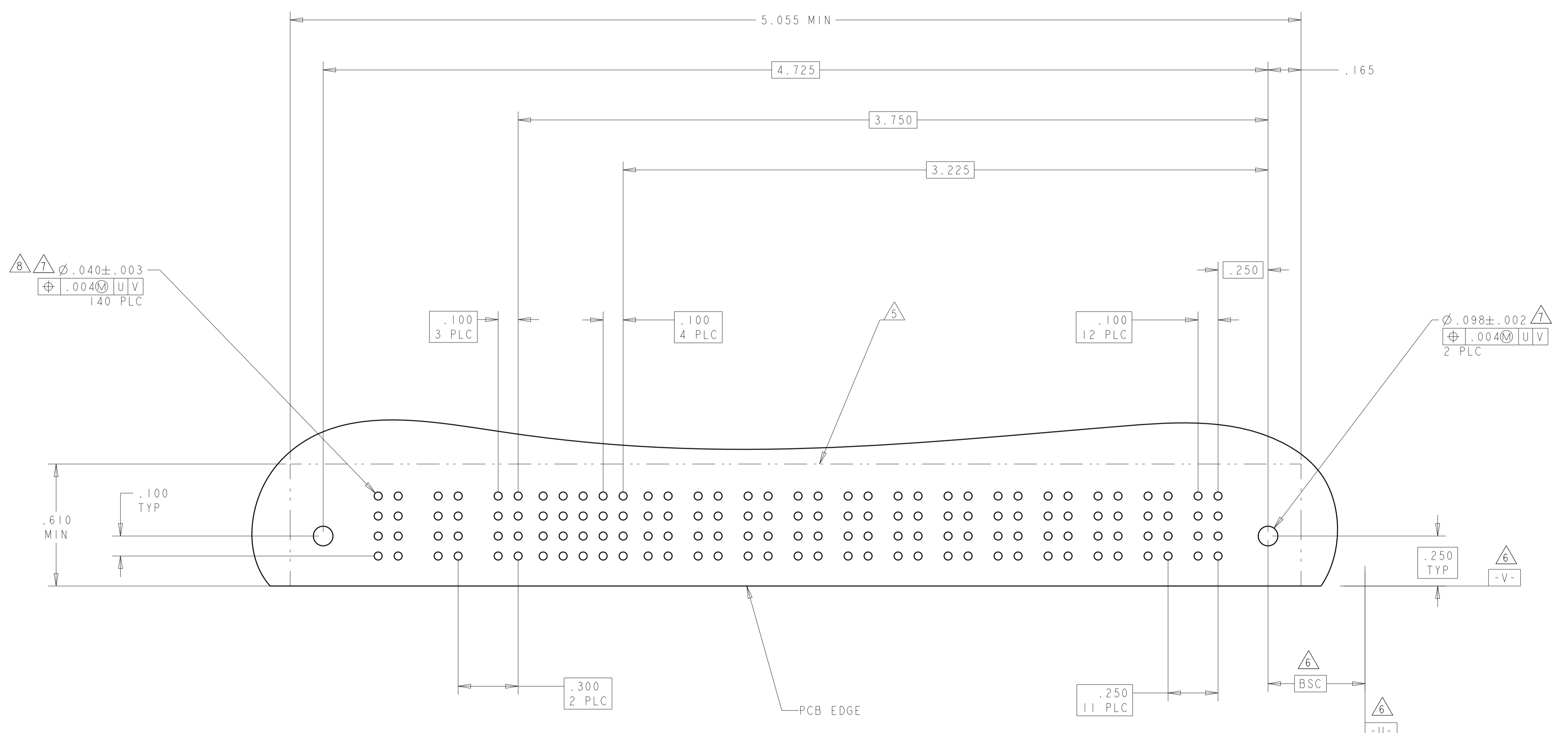
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 21FEB05	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
INCHES	0 PLC ± .010	CHK: M. PERCHERKE 21FEB05	SIZE: A1 00779 C=6450160
	1 PLC ± .005	APPV: M. PERCHERKE 21FEB05	SCALE: 3:1
	2 PLC ± .002	PRODUCT SPEC: 108-1973	SHEET 9 OF 16
	3 PLC ± .001	APPLICATION SPEC: 114-13038	REV: G1
	4 PLC ± .002	WEIGHT: -	
	ANGLES ± .2°	Customer Drawing	
MATERIAL:	FINISH:		

STE TE Connectivity

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	OWN	APVD
-	-	SEE SHEET 1	-	-	-

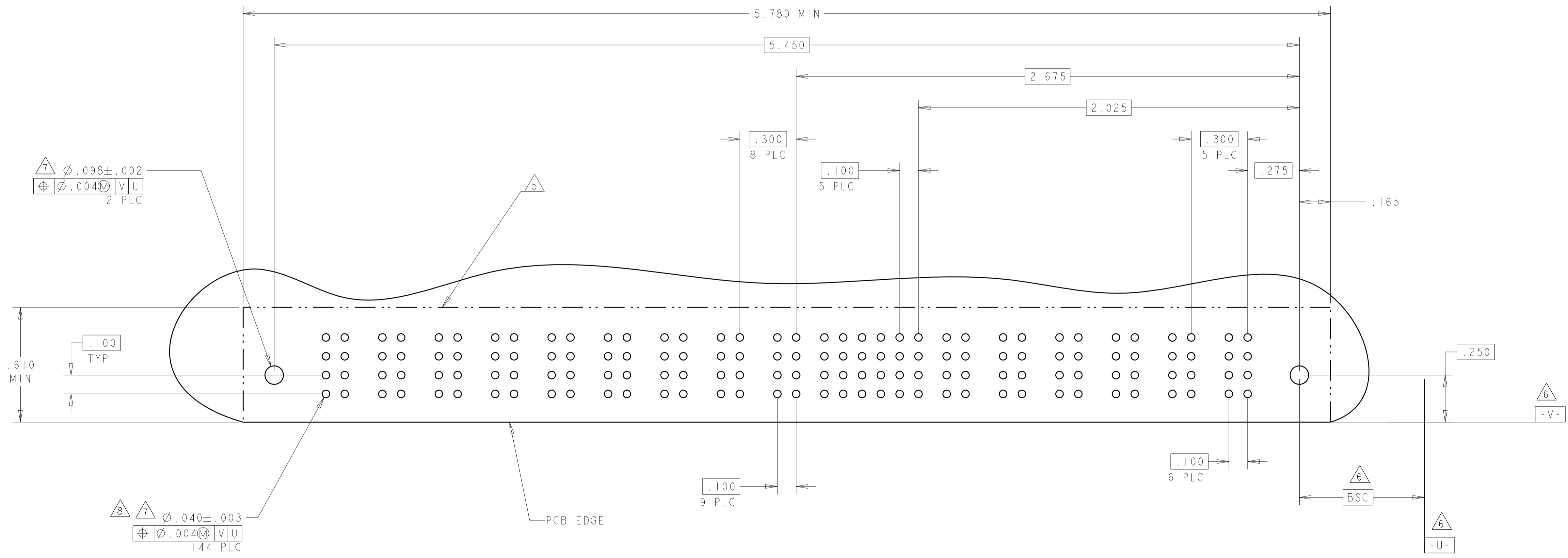
PART NUMBER	ROWS	AC POWER			SIGNAL					POWER													
		P15	P14	P13	5	4	3	2	1	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1		
1-6450160-8	D C B A	RA	RA	RA	H	H	H	H	H	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA
					G	G	G	G	G														
					F	F	F	F	F														
					E	E	E	E	E														
12P + 20S + 3ACP																							



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R. GRZYBOWSKI 21FEB05	TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE 21FEB05	NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		APVD M. PERCHERKE 21FEB05	RESTRICTED TO	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO	
0 PLC ±.01		108-1973	A100779C=6450160	
1 PLC ±.01		APPLICATION SPEC	WEIGHT	
2 PLC ±.005		114-13038	Customer Drawing	
3 PLC ±.002		FINISH	SCALE 3:1 SHEET 10 OF 16 REV G1	
ANGLES ±.2°				

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER								SIGNAL					POWER					HD		
		P15	P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	P6	P5	P4		P3	P2
3-6450160-8	D C B A	RM	RM	RM	RM	RM	RM	RM	RM	H	H		H	H	RA		RM	RM	RM	RM	HD	
										G	G		G	G								
										F	F		F	F								
										E	E		E	E								
6P + 24S + 9P																						HD



THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: R. GRZYBOWSKI 21FEB05
 CHK: M. PERCHERKE 21FEB05
 APVD: M. PERCHERKE 21FEB05

STE TE Connectivity

NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

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

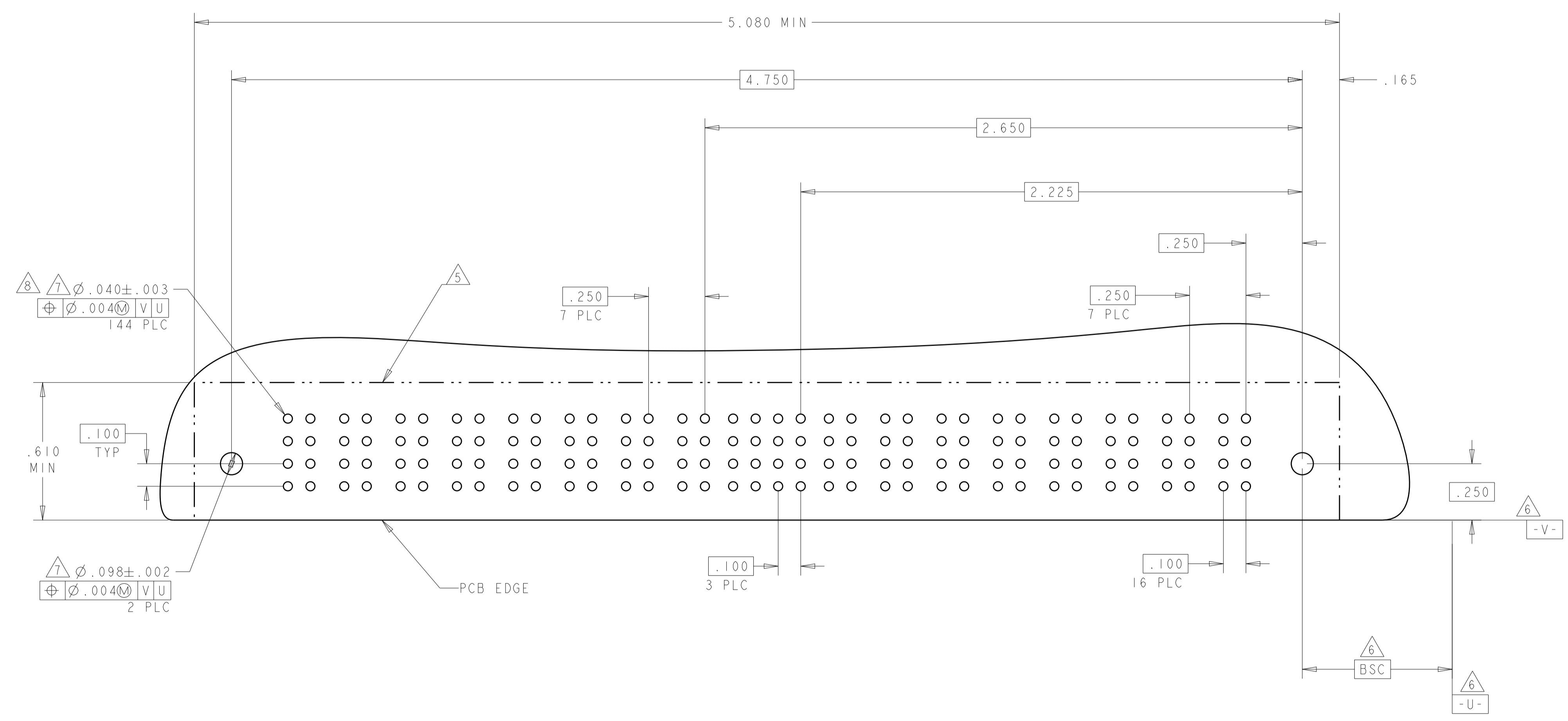
Customer Drawing SCALE: 3:1 SHEET 11 OF 16 REV: G1

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ±
	1 PLC ±.01
	2 PLC ±.01
	3 PLC ±.005
	4 PLC ±.002
	ANGLES ±.2°
MATERIAL	FINISH

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
GP	00	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER							SIGNAL				POWER									
		P16	P15	P14	P13	P12	P11	P10	P9	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1	
3-6450160-9	D								H	H	H	H										
	C	RM	RM	RM	RM	RM	RM	RM	G	G	G	G	RM	RM	RM	RM	RM	RM	RM	RM	RM	
	B								F	F	F	F										
	A	HD							E	E	E	E									HD	
8P + 16S + 8P																						

(D5)



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±7°	FINISH	DMN: R. GRZYBOWSKI 21FEB05 CHK: M. PERCHERKE 21FEB05 APVD: M. PERCHERKE 21FEB05	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
MATERIAL	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038	WEIGHT: -	SIZE: A100779 CAGE CODE: C=6450160	RESTRICTED TO: -
Customer Drawing			SCALE: 3:1	SHEET 12 OF 16

4805 (3/11)

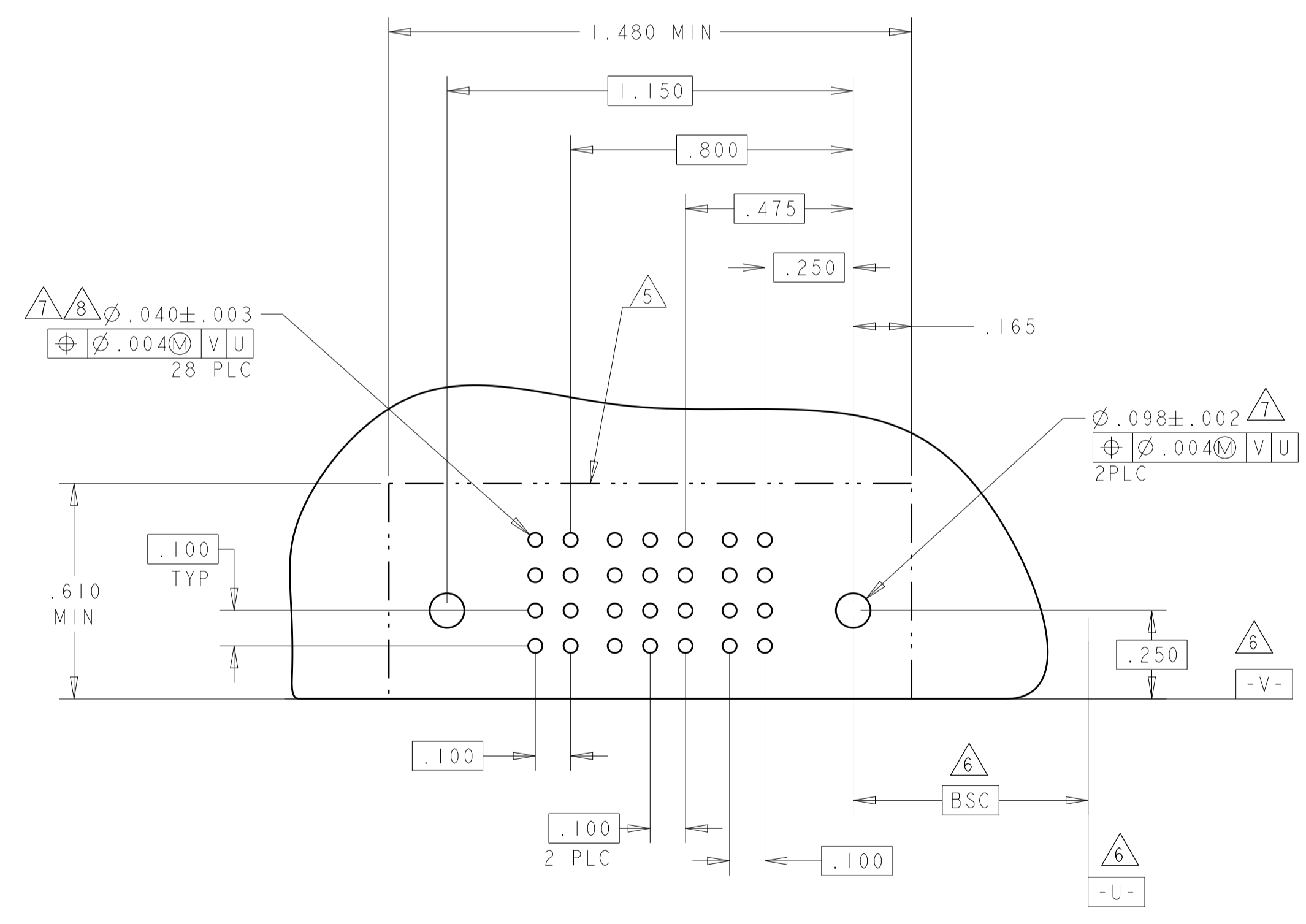
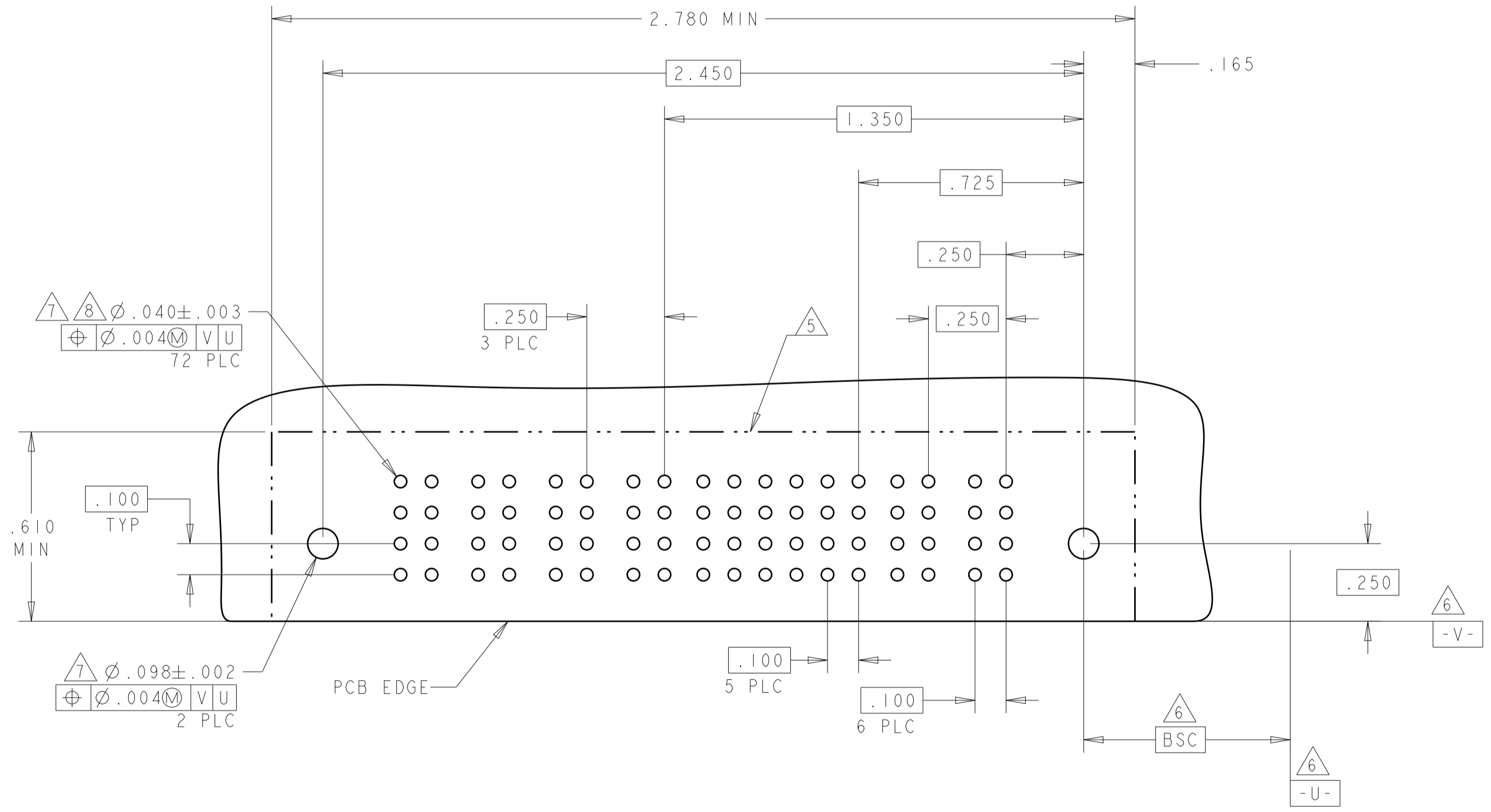
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	OWN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER				SIGNAL						POWER	
		P6	P5	P4	P3	6	5	4	3	2	1	P2	P1
4-6450160-0	D	RM	RM	RM	RM	H	H	H	H	H	H	RM	RM
	C					G	G	G	G	G	G		
	B					F	F	F	F	F	F		
	A					E	E	E	E	E	E		

2P + 24S + 4P

PART NUMBER	ROWS	POWER		SIGNAL			POWER	
		P2	P1	3	2	1	P2	P1
4-6450160-1	D	RM	RM	H	H	H	RM	RM
	C			G	G	G		
	B			F	F	F		
	A			E	E	E		

1P + 12S + 1P



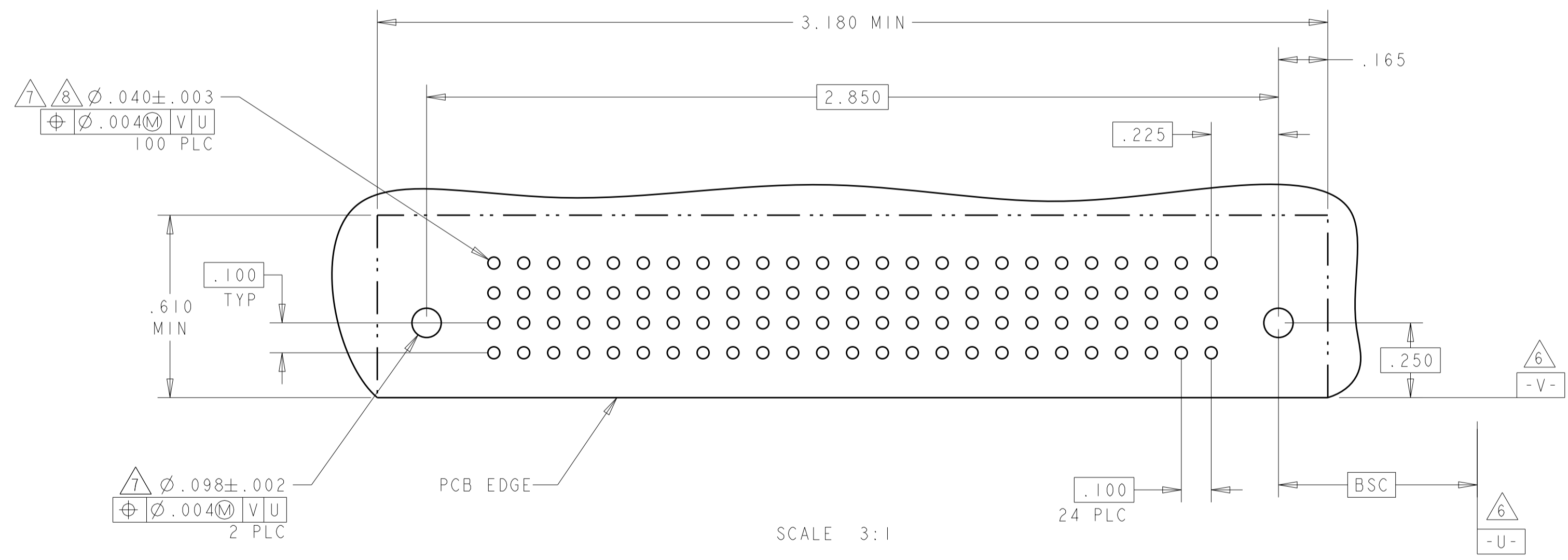
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 21FEB05	CHK: M. PERCHERKE 21FEB05	APVD: M. PERCHERKE 21FEB05
INCHES	0 PLC ± .01 2 PLC ± .01 3 PLC ± .01 4 PLC ± .005 ANGLES ± .002	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	WEIGHT: -
MATERIAL:	FINISH: #2	SIZE: A100779	CAGE CODE: C=6450160	DRAWING NO: -
		Customer Drawing		SCALE: 3:1

RESTRICTED TO REV G

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

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	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	
	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	
	A	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		HD																									HD

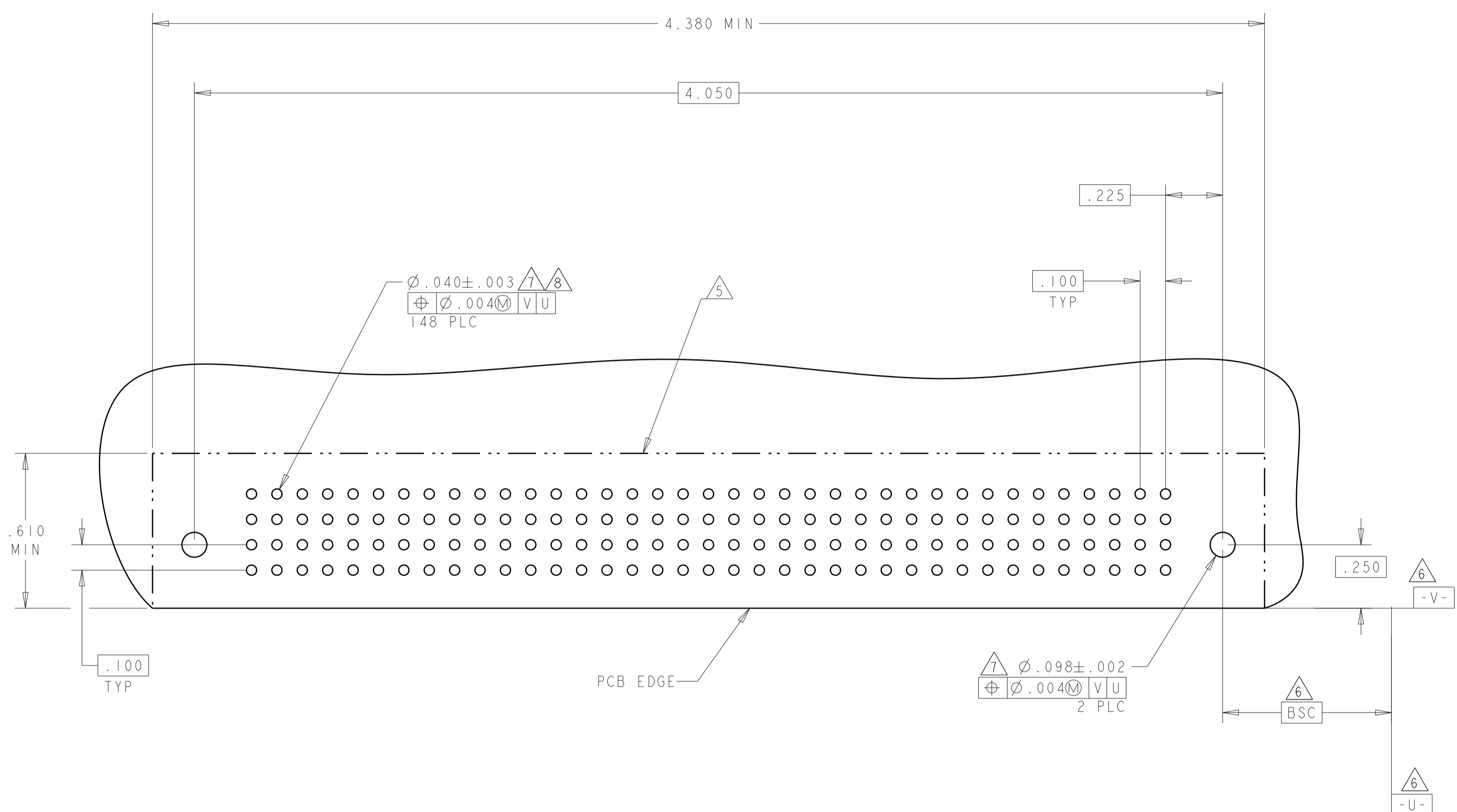
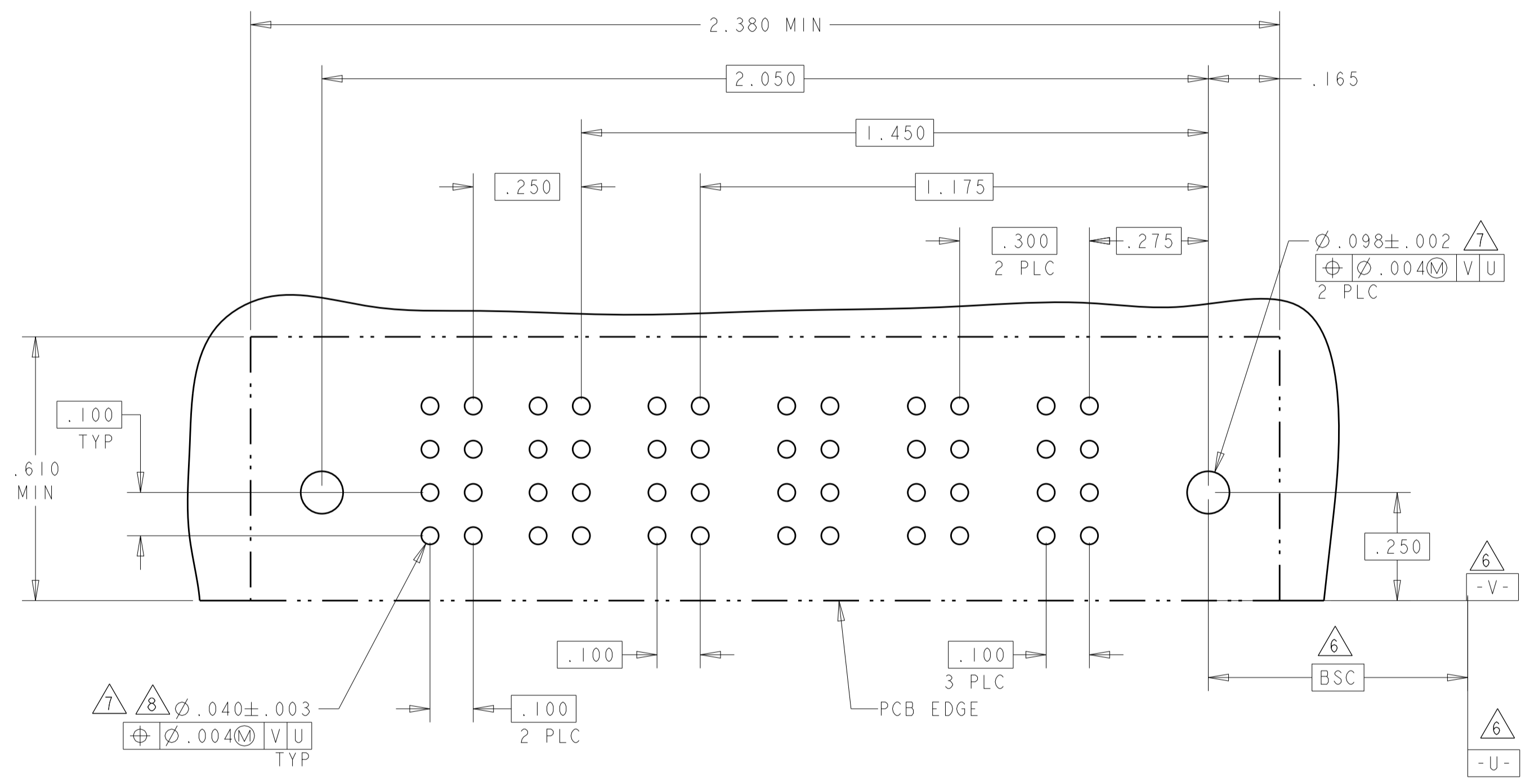


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	Z1FEB05 Z1FEB05 Z1FEB05	 TE Connectivity	NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL		
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-1973	APPLICATION SPEC 114-13038		SIZE A100779	CAGE CODE C=6450160	
MATERIAL	FINISH	WEIGHT	Customer Drawing	SCALE 3:1	SHEET 14	OF 16	REV G1

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER		SIGNAL		POWER			
		P5	P4	2	1	P3	P2	P1	
2-6450160-7	D	RM	RM	H	H	RM	RM	RM	
	C			G	G				
	B			F	F				
	A			E	E				
3ACP + 8S + 2P		HD		HD					

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	2	1
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	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	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	F
	A	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	E	E
148S		HD																																				



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DMN: R. GRZYBOWSKI	21FEB05
INCHES	0 PLC ± .01	CHK: M. PERCHERKE	21FEB05
	1 PLC ± .01	APVD: M. PERCHERKE	21FEB05
	2 PLC ± .01	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
	3 PLC ± .005	PRODUCT SPEC: 108-1973	
	4 PLC ± .002	APPLICATION SPEC: 114-13038	
	ANGLES ± .2°	SIZE: A100779	CAGE CODE: 6450160
MATERIAL:	FINISH:	WEIGHT:	RESTRICTED TO: -
Customer Drawing		SCALE: 3:1	SHEET 15 OF 16

TE Connectivity

