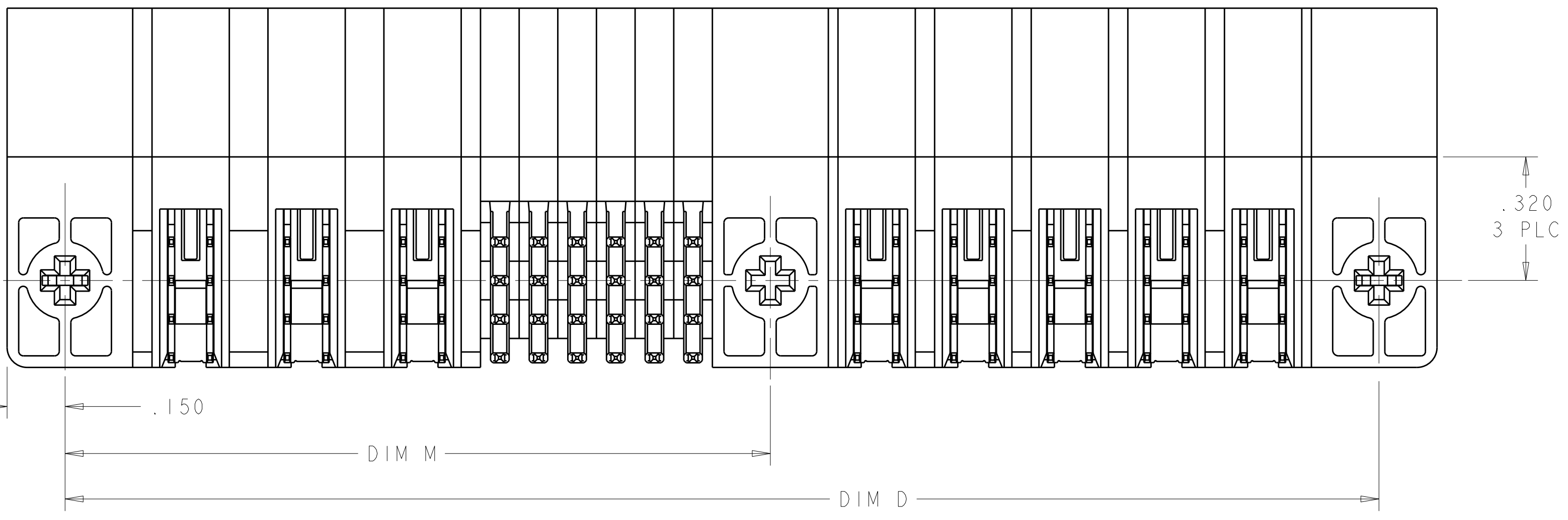
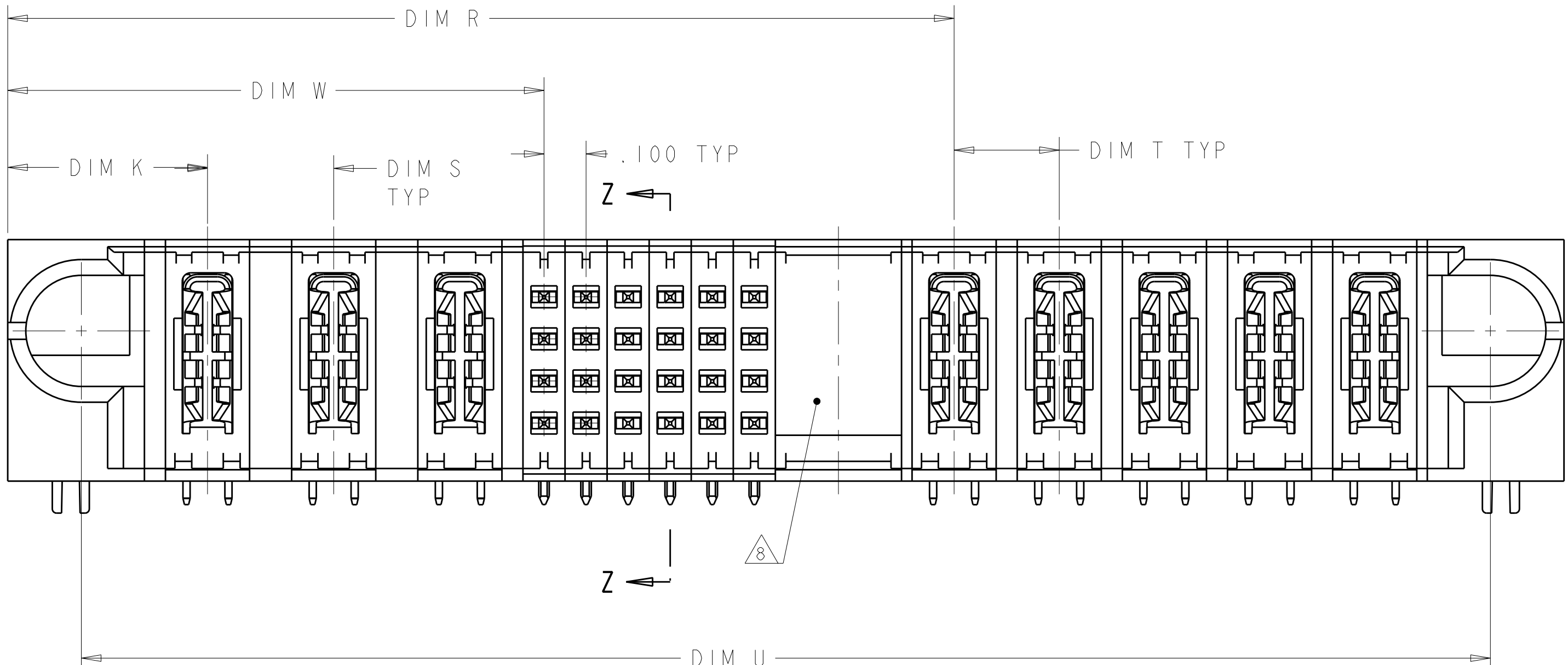
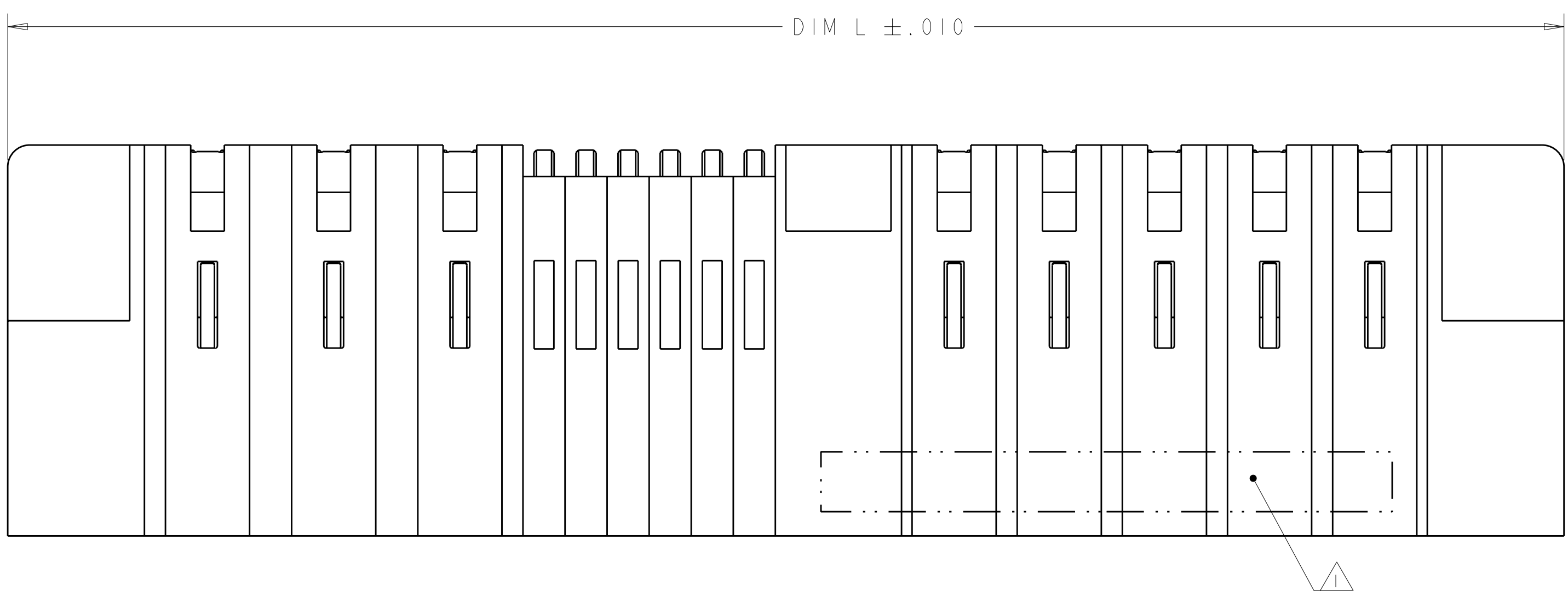
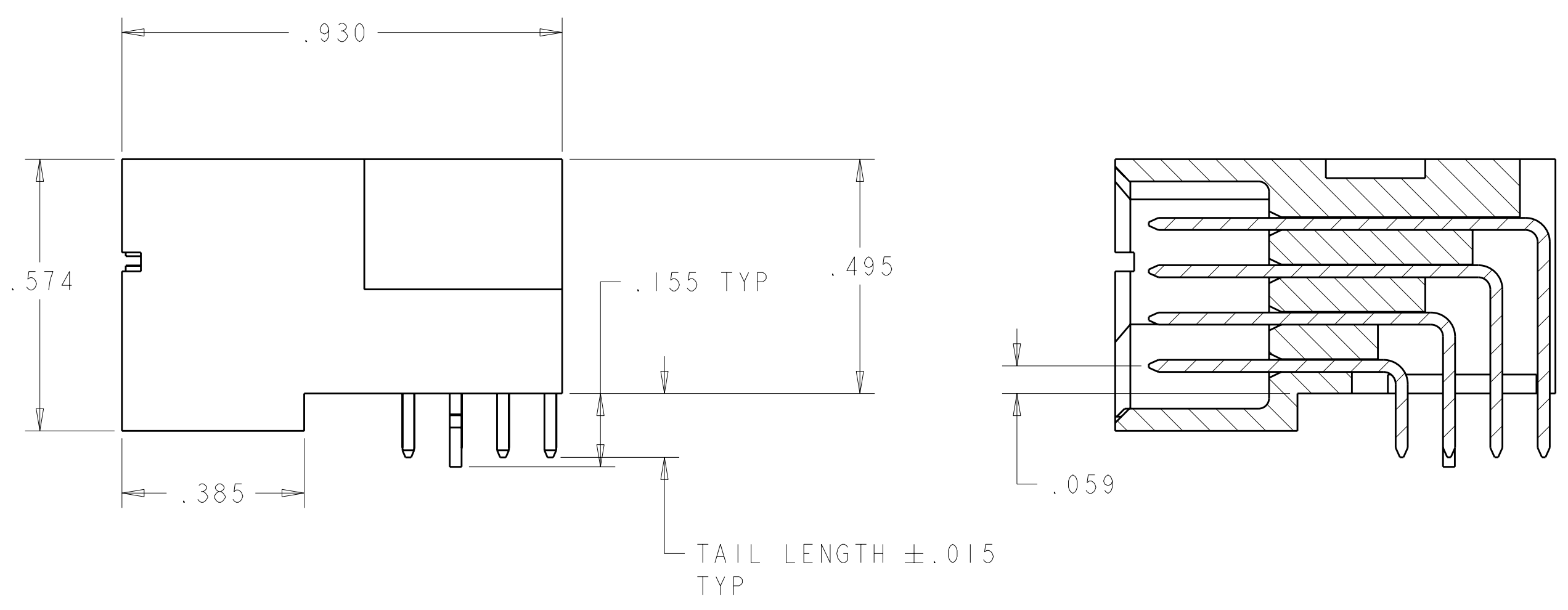


LOC	DIST	REV	DATE	DWN	APVD
ES	00	H2	REV PER ECR-09-022207	14OCT2009	IL SY



- 1 "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
 SIGNAL CONTACT - COPPER ALLOY
 POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 3 CONTACT PLATING: SIGNAL CONTACTS - .000050 MIN Ni UNDER ALL.
 .000030 MIN Au ON CONTACT AREA.
 .000100 MIN Sn AT PCB INTERFACE.
 POWER CONTACTS - .000050 MIN Ni UNDER ALL.
 .000030 MIN Au ON CONTACT AREA.
 .000100 MIN Sn AT PCB INTERFACE.
- 4 MECHANICAL CONNECTOR KEEP OUT ZONE.
- 5 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 7 PCB - .0453 +/- .0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER
 .001 TO .003 PLATING TO ACHIEVE A .040 DIA. HOLE.
- 8 OPTIONAL CENTER MODULE WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE.

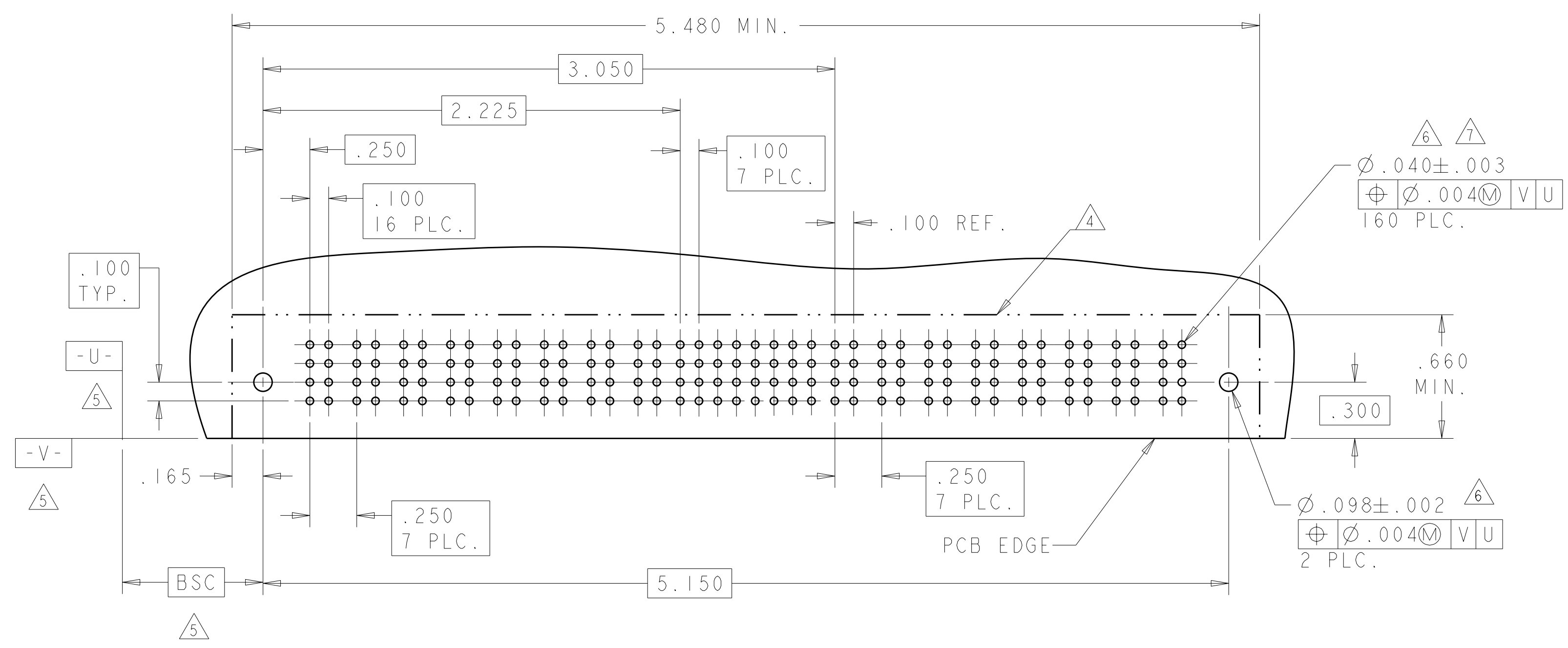


SECTION Z-Z

DIMENSIONS: INCHES 9 PLC ±. 1 PLC ±.01 3 PLC ±.01 5 PLC ±.005 4 PLC ±.0020 ANGLES ±.0°		TOLERANCES UNLESS OTHERWISE SPECIFIED: .0005 .001 .002 .005 .01 .02 .05 .1 .2 .5 1 2 5 10 20 50 100 200 500 1000		DWN R. GRZYBOWSKI 02FEB05 CHK M. PERCHERKE 02FEB05 APVD M. PERCHERKE 02FEB05 NAME M. PERCHERKE PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT CUSTOMER DRAWING		Tyco Electronics Corporation Shanghai, P.R.China, 200233 RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL SIZE CAGE CODE DRAWING NO. RESTRICTED TO A11 00779 C-6450120 SCALE 4:1 SHEET 1 OF 15 REV H2	
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LOC	DIST	REVISIONS				
ES	00	REV	DATE	DWN	APVD	
		1				
		SEE SHEET 1				

PART NUMBER	ROWS	POWER								SIGNAL								POWER									
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	7	8	P9	P10	P11	P12	P13	P14	P15	P16		
6450120-1	D C B A	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM			
									K	K	K	K	K	K	K	K											
									N	N	N	N	N	N	N	N											
8P + 32S + 8P		HD																									HD

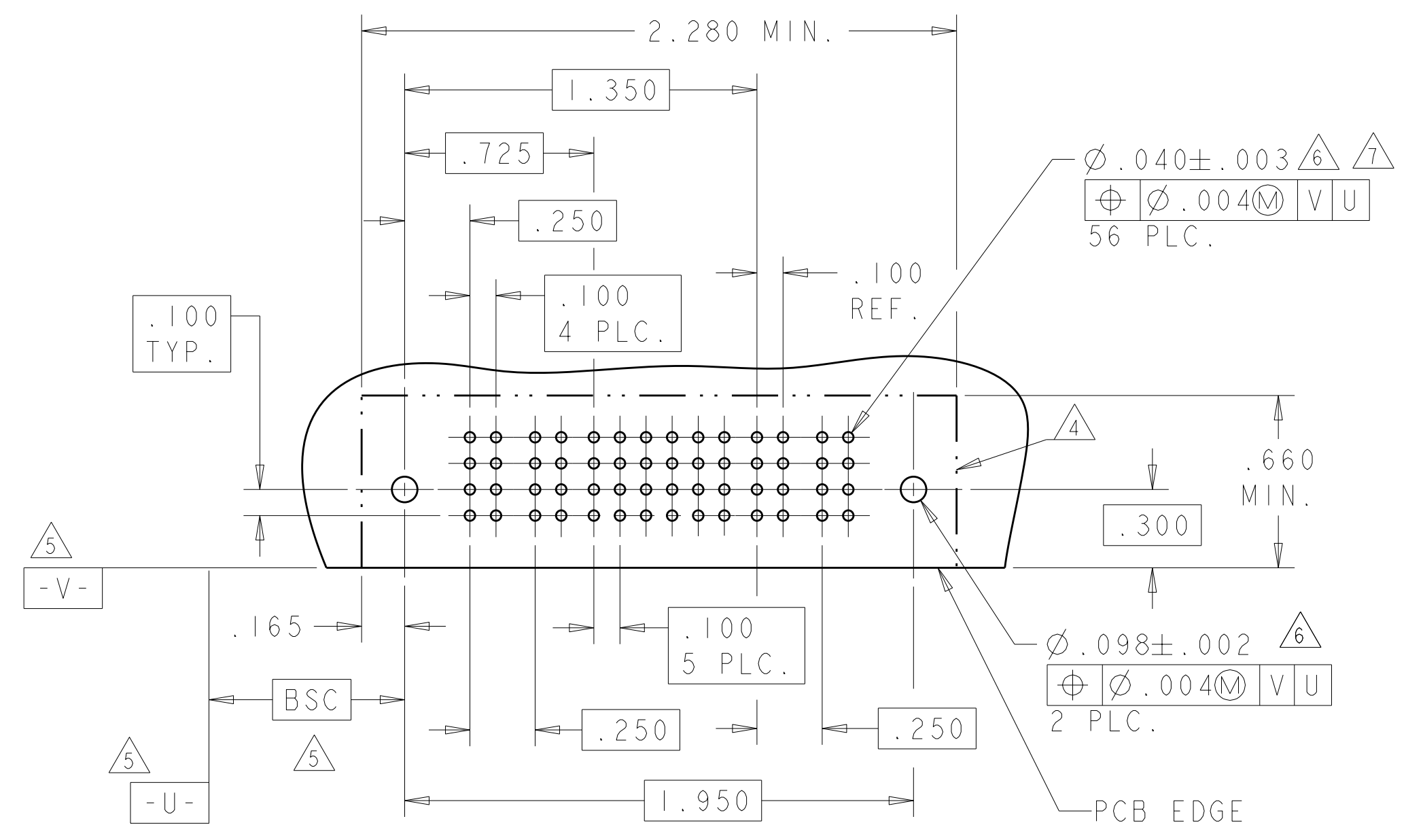


3.800	.250	.300	1.875	1.375	3.850	-	4.150	.450	4P + 16S + 7ACP	5-6450120-0
1.600	.250	.250	1.250	.875	1.650	-	1.950	.450	2P + 12S + 2P	4-6450120-9
2.900	.250	.250	2.050	1.375	2.950	-	3.250	.450	4P + 24S + 4P	4-6450120-8
1.900	.250	.250	1.550	0.875	1.950	-	2.250	.450	2P + 24S + 2P	4-6450120-7
2.000	.250	.250	1.400	1.125	2.050	-	2.350	.450	3P + 8S + 3P	4-6450120-6
2.900	.250	.250	3.550	2.875	5.950	-	6.250	.450	10P + 24S + 10P	4-6450120-5
3.700	.200	.300	2.700	2.025	3.750	-	4.050	.450	8P + 24S + 4ACP	4-6450120-4
2.900	.300	.250	2.050	1.575	2.950	-	3.250	.475	4ACP+16S+4P	4-6450120-3
4.375	.250	.300	3.375	2.375	4.425	3.100	4.725	.450	8P + 24S + 1M + 4ACP	4-6450120-2
4.100	.300	.250	2.250	1.575	4.150	-	4.450	.475	4ACP + 24S + 8P	4-6450120-0
3.800	.250	.250	3.450	.875	3.850	-	4.150	.450	2P + 100S + 2P	3-6450120-6
4.600	.250	.250	3.250	1.875	4.650	-	4.950	.450	6P + 52S + 6P	3-6450120-5
5.100	.250	.250	3.500	2.175	5.150	-	5.450	.450	7P + 48S + 7P	3-6450120-4
3.500	.250	.300	2.775	2.375	3.550	-	3.850	.450	8P + 12S + 3ACP	3-6450120-3
4.000	.200	.200	2.700	1.825	4.050	-	4.350	.450	7HDP + 32S + 7HDP	3-6450120-0
3.900	.250	.250	2.550	1.875	3.950	-	4.250	.450	6P + 24S + 6P	2-6450120-7
5.200	.300	.250	2.350	1.625	5.250	-	5.550	.475	4ACP + 24S + 12P	2-6450120-6
2.500	.250	.250	2.150	1.425	2.550	-	2.850	.450	4P + 24S + 2P	2-6450120-5
3.600	.250	.250	2.500	1.625	3.650	-	3.950	.450	5P + 32S + 5P	2-6450120-4
2.500	.250	.250	2.150	.875	2.550	-	2.850	.450	2P + 48S + 2P	2-6450120-3
4.500	.300	.250	1.650	.975	4.550	-	4.850	.475	2ACP + 24S + 12P	2-6450120-2
2.850	.250	.250	2.000	1.125	2.900	-	3.200	.450	3P + 32S + 4P	2-6450120-1
3.950	.200	.250	2.125	1.025	4.000	-	4.300	.425	3P + 40S + 8P	2-6450120-0
1.400	-	-	1.300	.625	1.450	-	1.750	.450	1P + 24S + 1P	1-6450120-6
2.000	.300	.300	1.575	.975	2.050	-	2.350	.475	2P + 20S + 2P	1-6450120-4
1.200	-	-	1.100	.625	1.250	-	1.550	.450	1P + 16S + 1P	1-6450120-3
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	1-6450120-2
2.675	.200	.200	2.375	1.650	2.725	-	3.025	.450	5P + 24S + 2P	1-6450120-1
4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	1-6450120-0
4.150	.250	.250	2.800	2.125	4.200	-	4.500	.450	7P + 24S + 6P	6450120-9
2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	6450120-8
3.050	.300	.250	1.950	1.275	3.100	-	3.400	.475	3ACP + 24S + 5P	6450120-7
7.400	.250	.250	5.050	2.875	7.450	-	7.750	.450	10P + 84S + 10P	6450120-6
4.350	.250	.250	3.000	2.125	4.400	-	4.700	.450	7P + 32S + 6P	6450120-5
3.650	.250	.250	2.550	1.875	3.700	-	4.000	.450	6P + 24S + 5P	6450120-4
2.900	.250	.250	1.800	1.125	2.950	-	3.250	.450	3P + 24S + 5P	6450120-3
1.900	.250	.250	1.550	0.875	1.950	-	2.250	.450	2P + 24S + 2P	6450120-2
5.100	.250	.250	3.250	2.375	5.150	-	5.450	.450	8P + 32S + 8P	6450120-1
U	S	T	R	W	D	M	L	K	DESCRIPTION	PART NUMBER

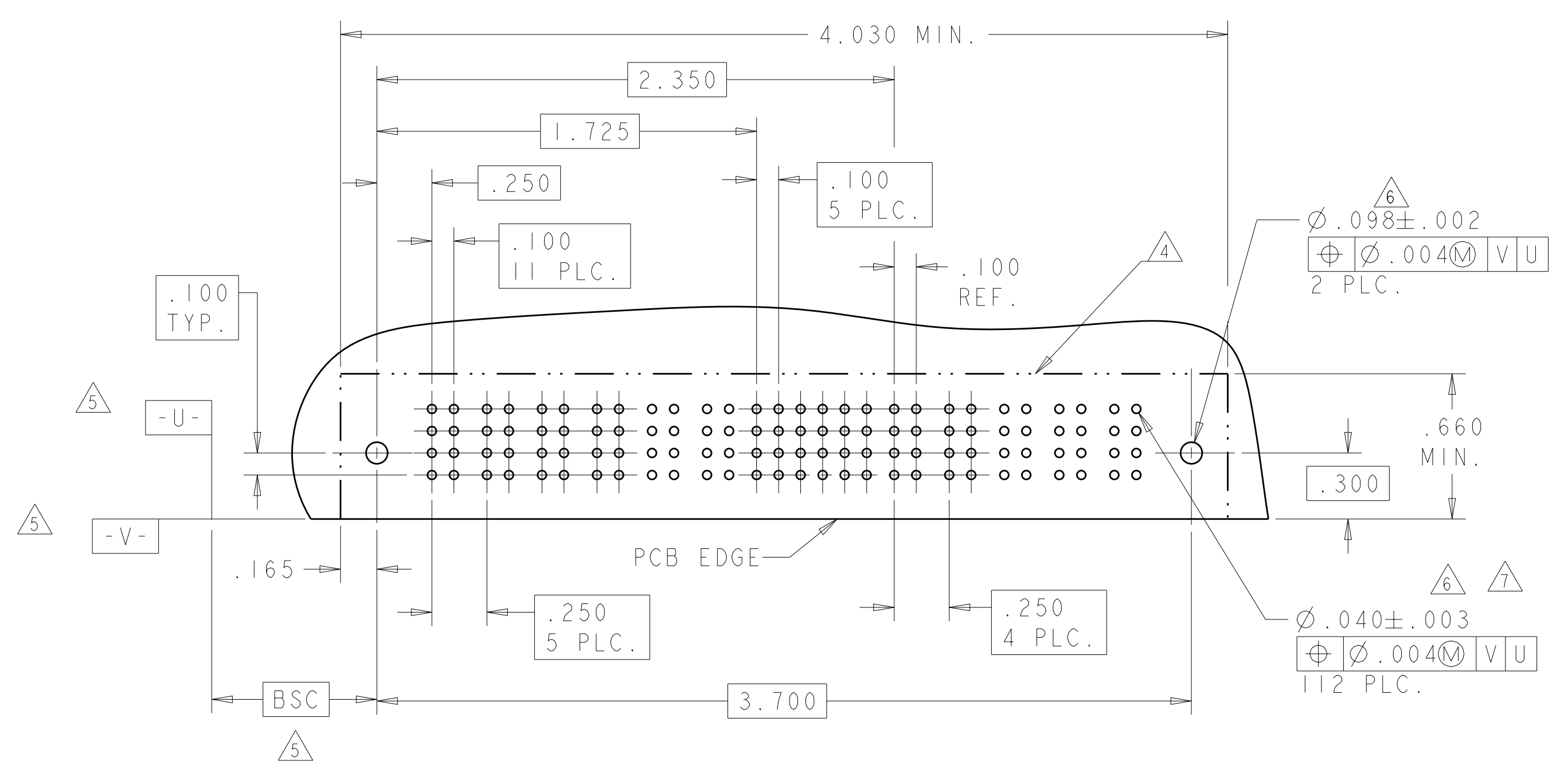
DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±. 1 PLC ±.01 5 PLC ±.005 4 PLC ±.0020 ANGLES ±.0020 FINISH		DWN R. GRZYBOWSKI 02FEB05 CHK M. PERCHERKE 02FEB05 APVD M. PERCHERKE 02FEB05 PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT CUSTOMER DRAWING		Tyco Electronics Corporation Shanghai, P.R.China, 200233 NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL SIZE CAGE CODE DRAWING NO A11 00779 C=6450120 SCALE 4:1 SHEET 2 OF 15 REV H2	
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LOC	DIST	REV	DATE	BY	APPD
ES	00				

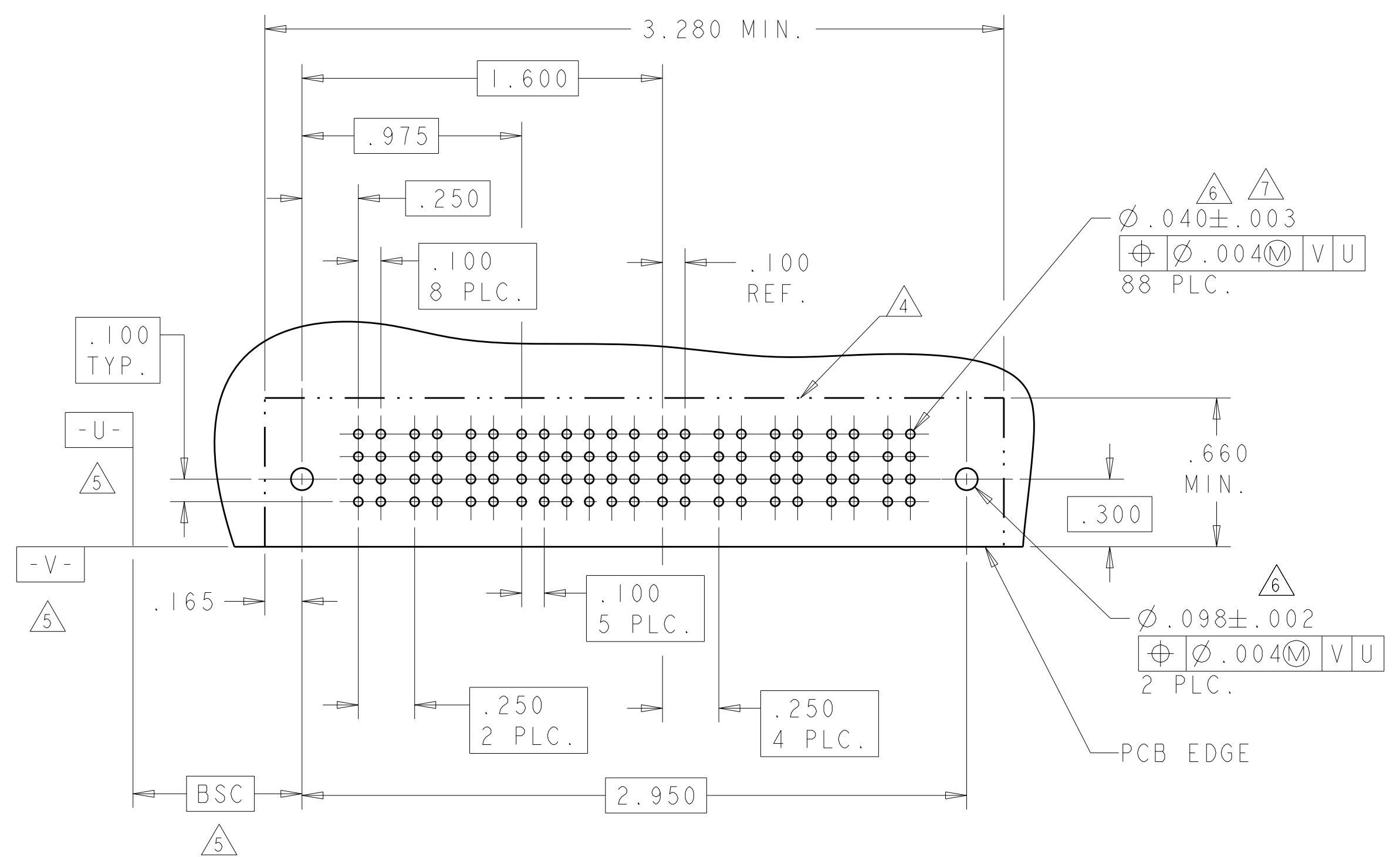
PART NUMBER	ROWS	POWER		SIGNAL						POWER			
		P1	P2	1	2	3	4	5	6	P3	P4		
6450120-2	D C B A	PM	PM	J	J	J	J	J	J	PM	PM	HD	HD
				K	K	K	K	K	K				
				N	N	N	N	N	N				
				S	S	S	S	S	S				
2P + 24S + 2P													



PART NUMBER	ROWS	POWER						SIGNAL						POWER							
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	P11			
6450120-4	D C B A	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM
								K	K	K	K	K	K								
								N	N	N	N	N	N								
								S	S	S	S	S	S								
6P + 24S + 5P																					



PART NUMBER	ROWS	POWER			SIGNAL						POWER					
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	
6450120-3	D C B A	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM
					K	K	K	K	K	K						
					N	N	N	N	N	N						
					S	S	S	S	S	S						
3P + 24S + 5P																

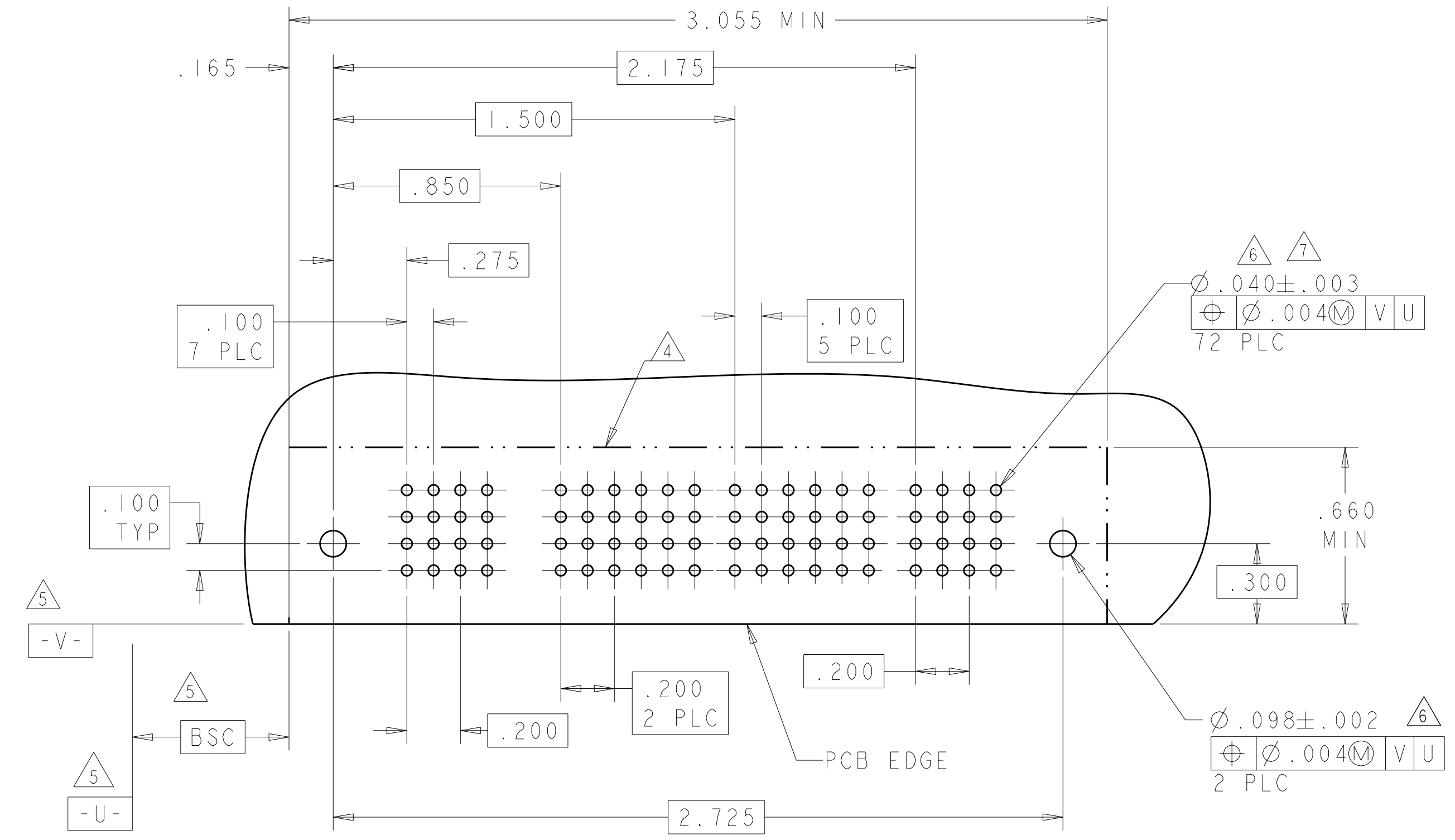


L4	STD	.165	D
L3	STD	.165	B
L2	STD	.165	C
L1	STD	.165	A
Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
F	MLBF	.135	C
G	MLBF	.135	B
J	STD	.135	D
K	STD	.135	C
N	STD	.135	B
S	STD	.135	A
CODE	MATING SEQUENCE	TAIL LENGTH	ROW

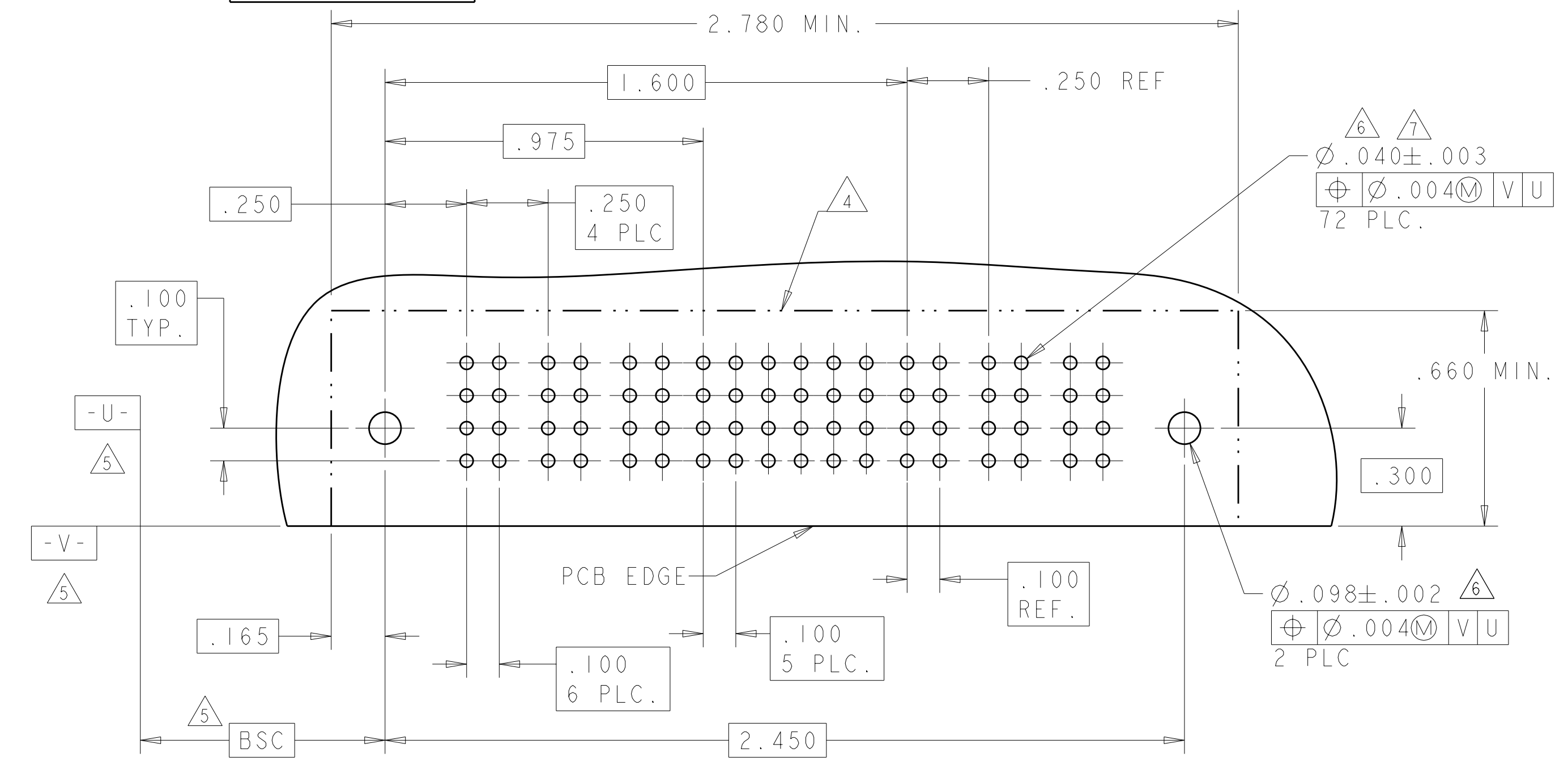
PD	.165
PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	

<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small>		DWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE	02FEB05 02FEB05 02FEB05		Tyco Electronics Corporation Shanghai, P.R. China, 200233
DIMENSIONS: INCHES TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.01 5 PLC ±.01 4 PLC ±.005 ANGLES ±.0020		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -		NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL SIZE: A1 CAGE CODE: 00779 DRAWING NO: 6450120	
MATERIAL: - FINISH: -		CUSTOMER DRAWING		RESTRICTED TO: - SCALE: 4:1 SHEET: 3 OF 15 REV: H2	

PART NUMBER	ROWS	POWER					SIGNAL						POWER	
		P1	P2	P3	P4	P5	1	2	3	4	5	6	P6	P7
I-6450120-1	D	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	HD
	C					K	K	K	K	K	K			
	B					N	N	N	N	N	N			
A	S	S	S	S	S	S								HD
5P + 24S + 2P														

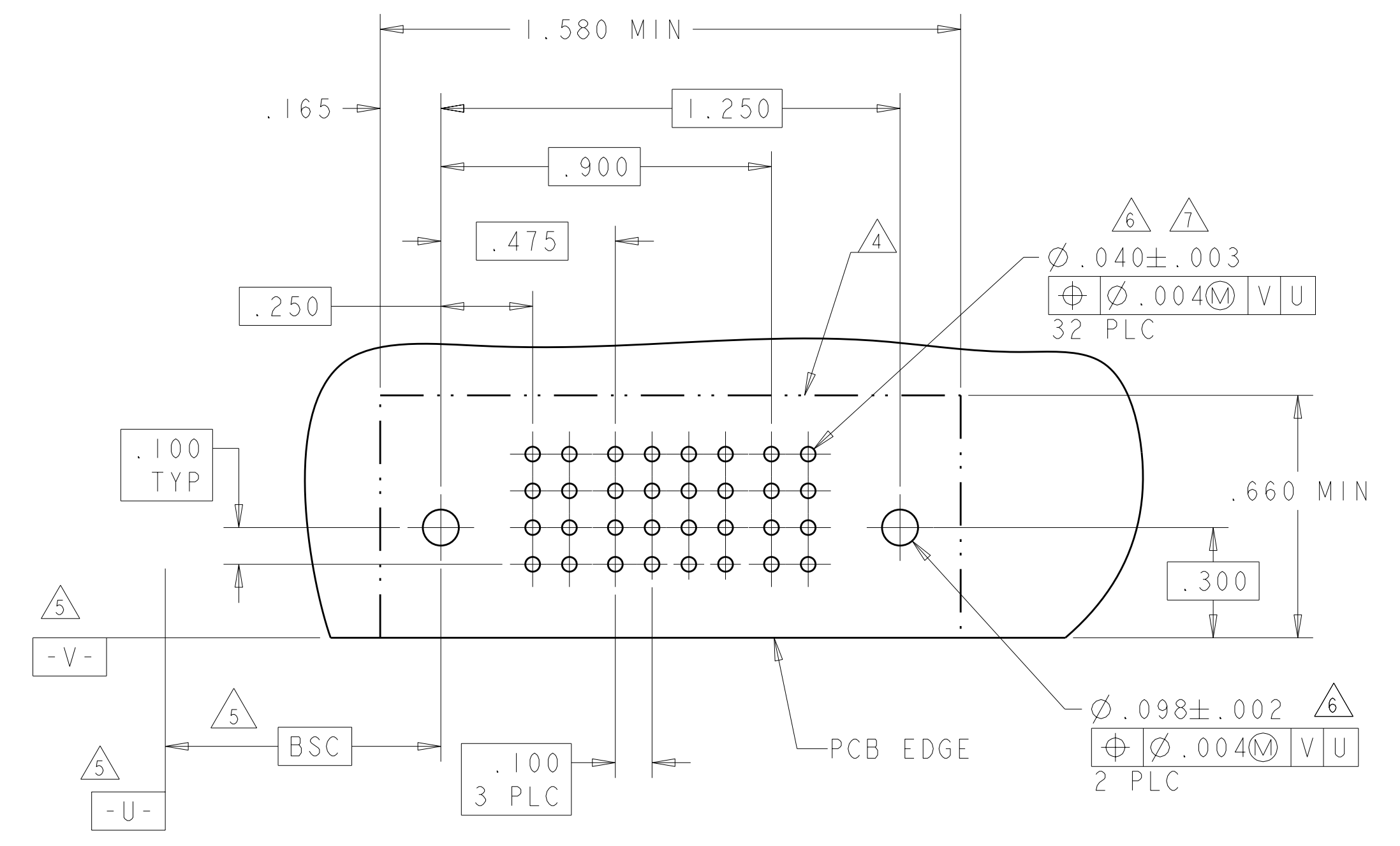


PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
I-6450120-2	D	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM
	C				K	K	K	K	K				
	B				N	N	N	N	N				
A	S	S	S	S	S	S							HD
3P + 24S + 3P													

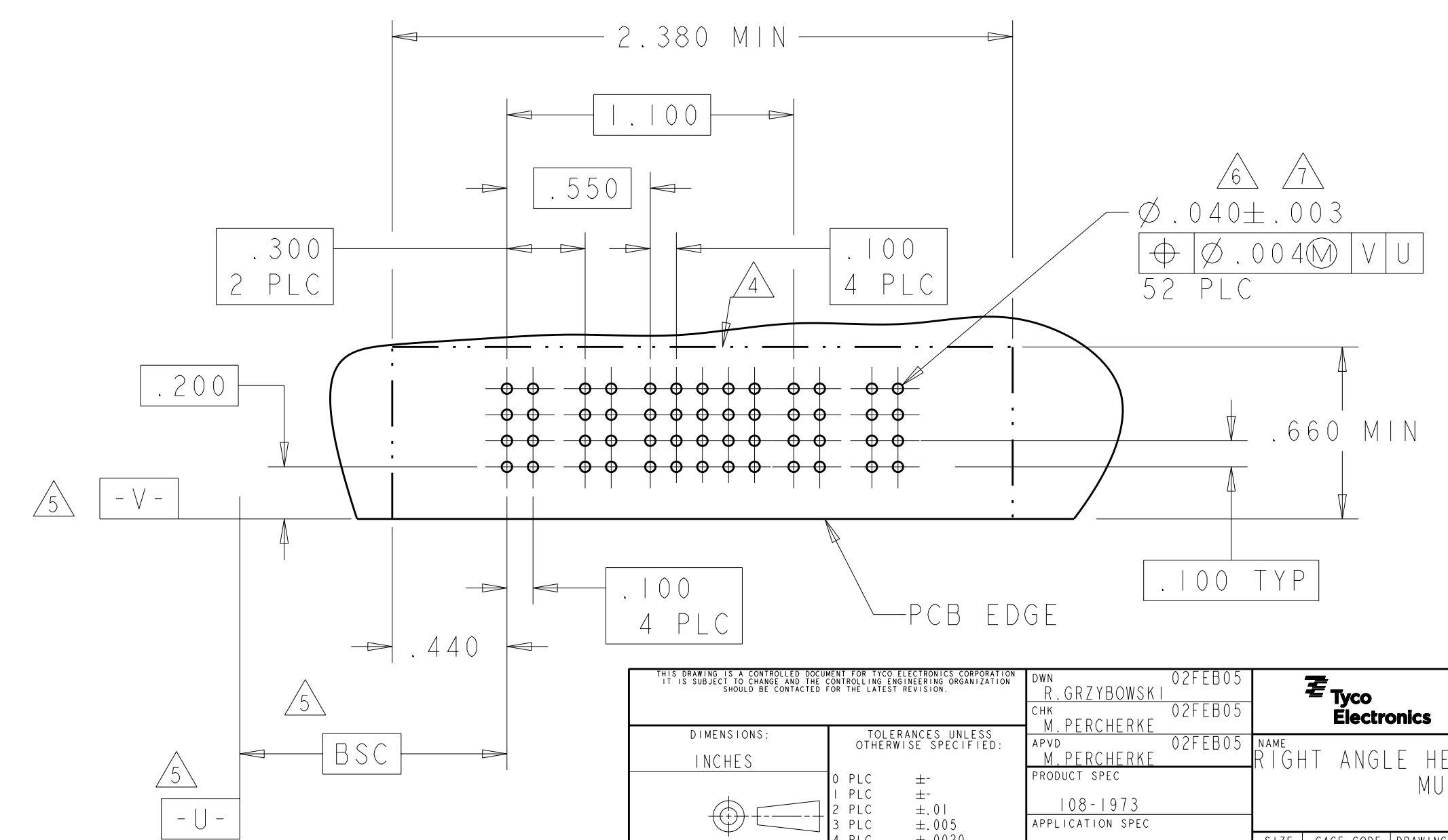


LOC	DIST	REV	DATE	BY	APPD
ES	00				

PART NUMBER	ROWS	POWER		SIGNAL				POWER
		P1	P2	1	2	3	4	P2
I-6450120-3	D	PM	PM	J	J	J	J	PM
	C			K	K	K	K	
	B			N	N	N	N	
A	S	S	S	S				HD
IP + 16S + IP								



PART NUMBER	ROWS	POWER		SIGNAL					POWER	
		P1	P2	1	2	3	4	5	P3	P4
I-6450120-4	D	PM	PM	J	J	J	J	J	PM	PM
	C			K	K	K	K			
	B			N	N	N	N			
A	S	S	S	S					HD	
2P + 20S + 2P										

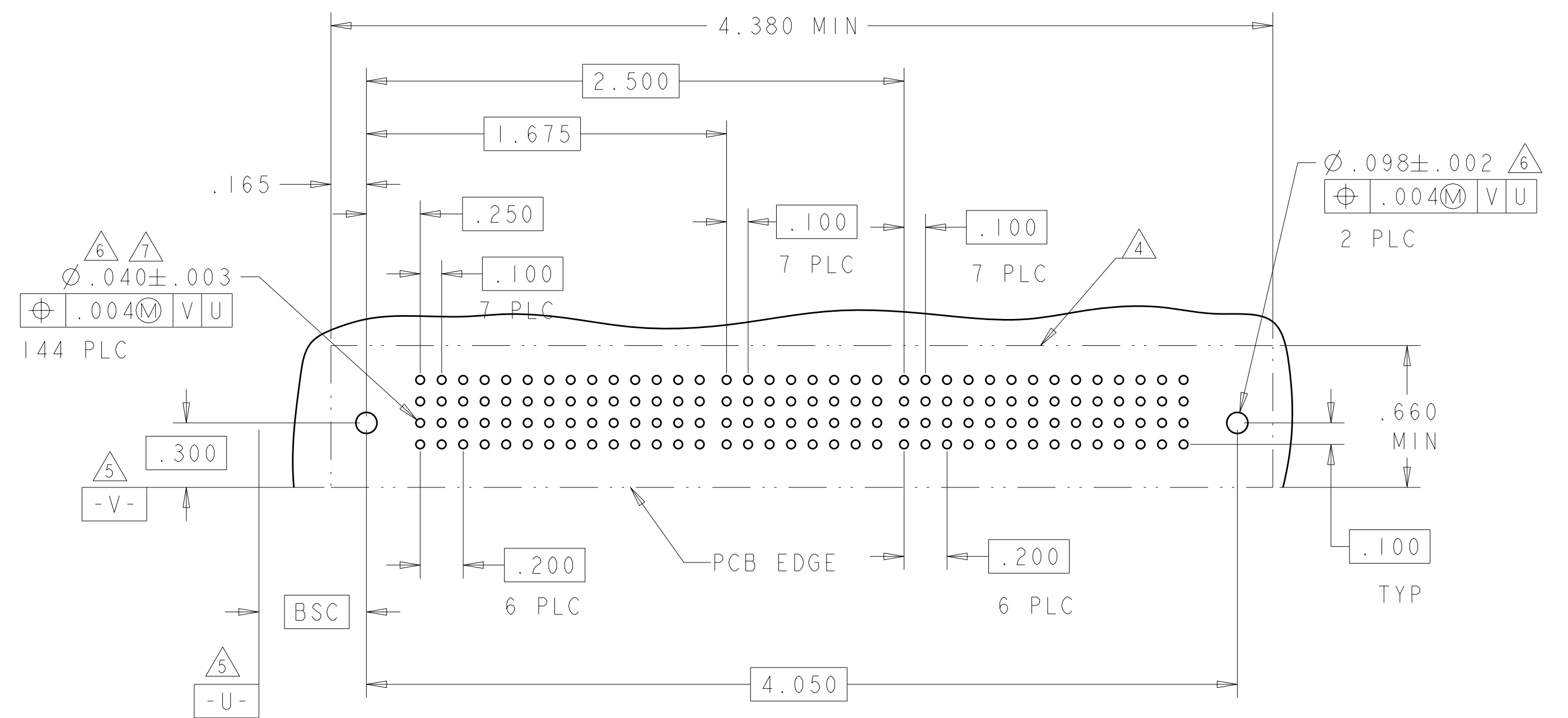


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DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.01 5 PLC ±.01 4 PLC ±.002 ANGLES .0020		
MATERIAL: . FINISH: .		NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: . CUSTOMER DRAWING: .		
SCALE: 4:1		SHEET: 6 OF 15		REV: H2

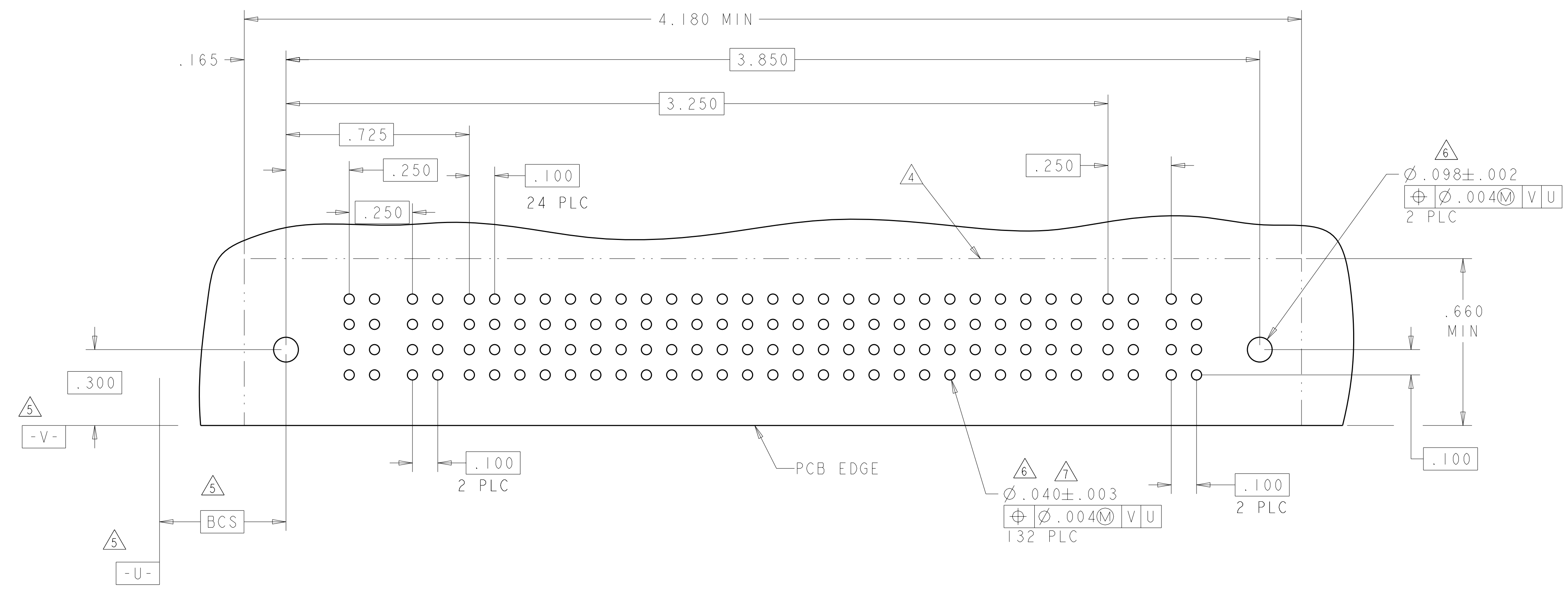
LOC	DIST	REV	DATE	BY	APPD
ES	00				

REVISIONS		DATE	BY	APPD
1	SEE SHEET 1			

PART NUMBER	ROWS	POWER							SIGNAL								POWER					
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	7	8	P8	P9	P10	P11	P12	P13
3-6450120-0	D C B A	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM
7HDP + 32S + 7HDP								K	K	K	K	K	K	K	K							
								N	N	N	N	N	N	N	N							
								S	S	S	S	S	S	S	S							



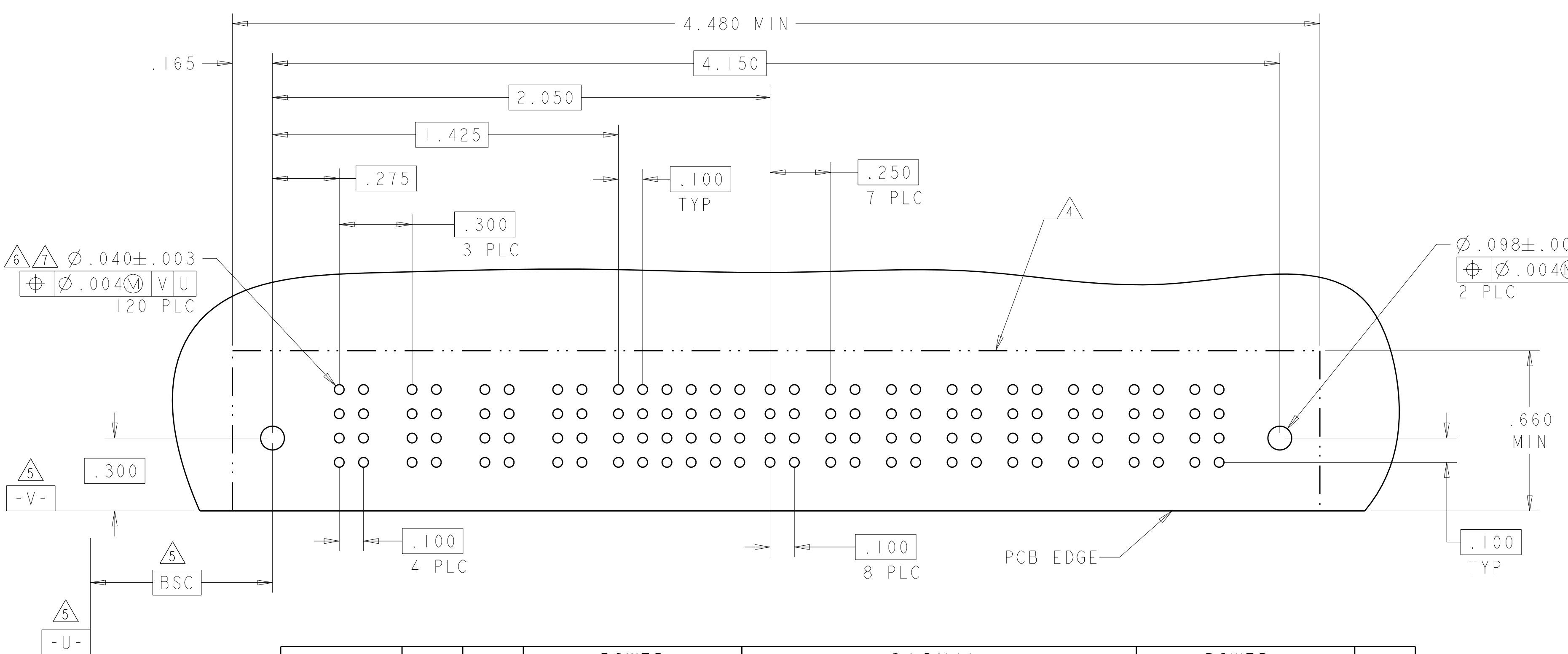
PART NUMBER	ROWS	POWER		SIGNAL																							POWER					
		P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	P3	P4		
3-6450120-6	D C B A	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	
2P + 100S + 2P				K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K			
				N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		
				S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S			



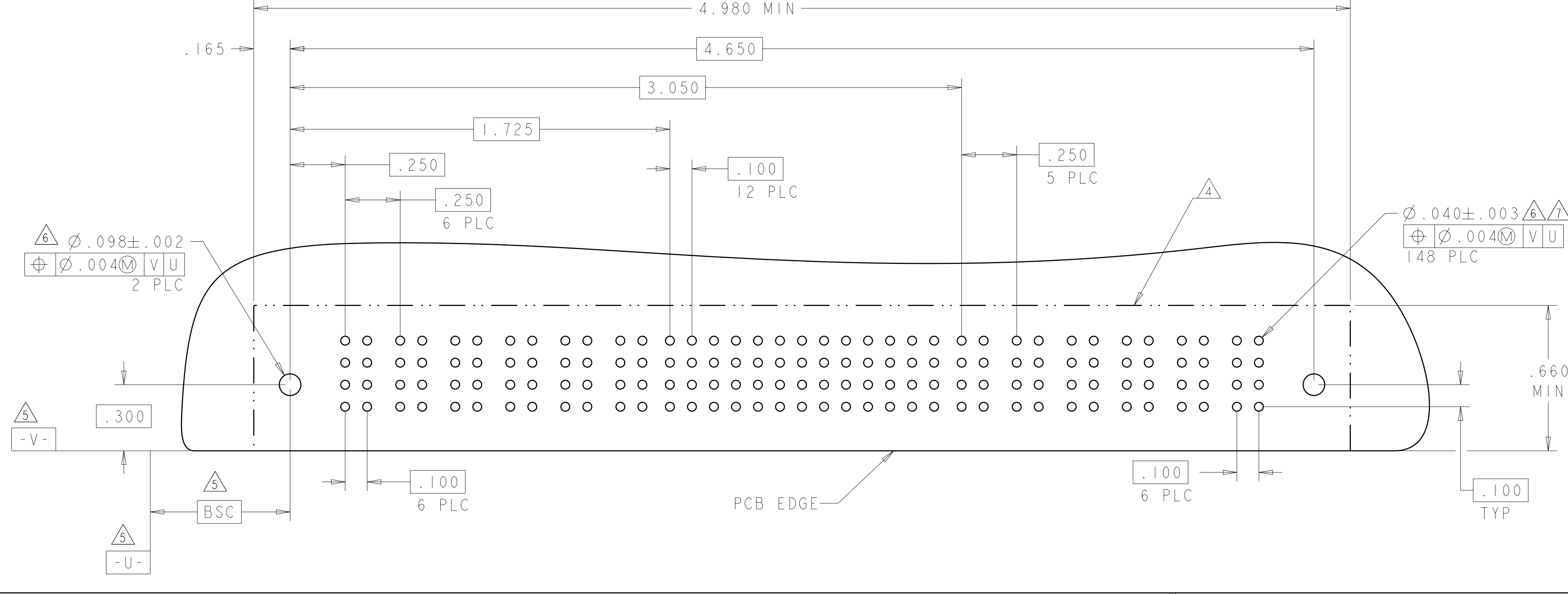
<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION. COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small>		DWN: R. GRZYBOWSKI 02FEB05 CHK: M. PERCHERKE 02FEB05 APVD: M. PERCHERKE 02FEB05	Tyco Electronics Corporation Shanghai, P.R.China. 200233
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.0°	NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	SIZE: A1 CAGE CODE: 00779 DRAWING NO: 6450120 SCALE: 4:1 SHEET: 9 OF 15 REV: H2

LOC	DIST	REVISIONS			
ES	00	REV	DATE	BY	APPROVED
		1			
		SEE SHEET 1			

PART NUMBER	ROWS	POWER				SIGNAL						POWER									
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8	P9	P10	P11	P12		
4-6450120-0	D	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
	C					K	K	K	K	K	K										
	B					N	N	N	N	N	N										
	A					S	S	S	S	S	S										
4ACP + 24S + 8P																					



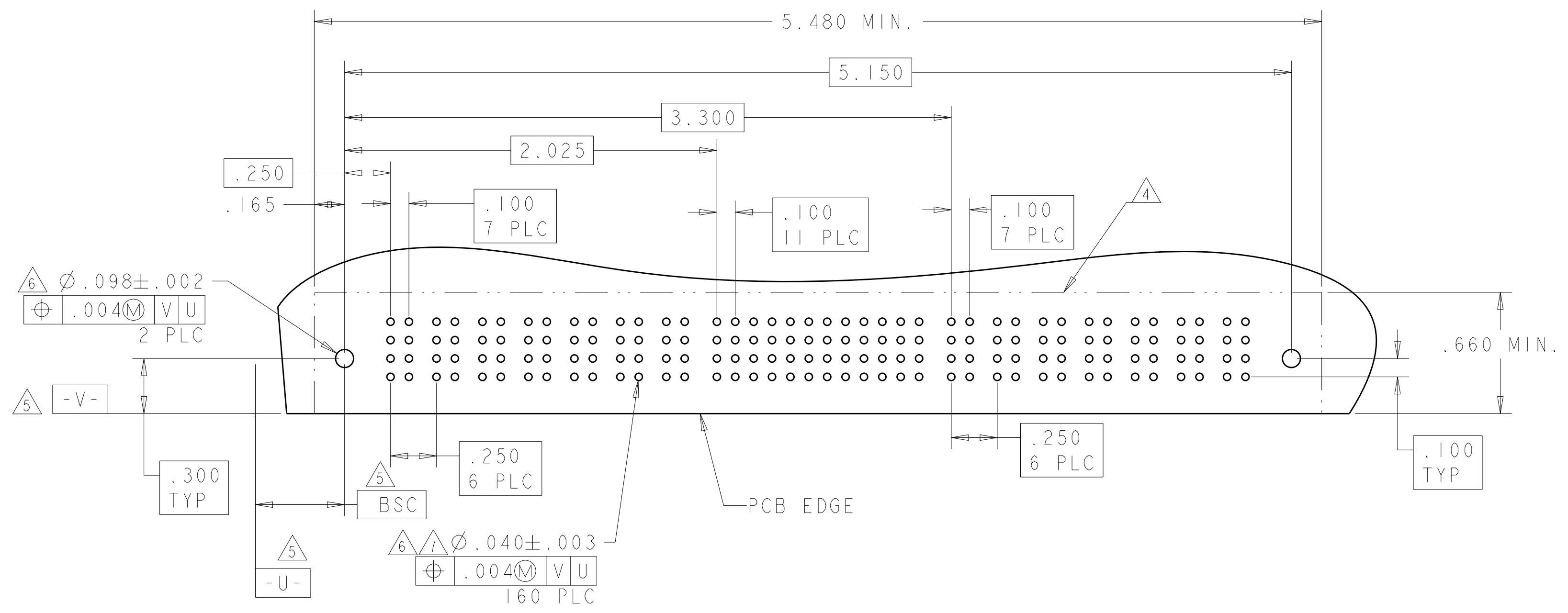
PART NUMBER	ROWS	POWER						SIGNAL													POWER																				
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	7	8	9	10	11	12	13	P7	P8	P9	P10	P11	P12															
3-6450120-5	D	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM							
	C						K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K							K	K	K	K	K		
	B						N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							N	N	N	N	N	N	N
	A						S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S							S	S	S	S	S	S	S
6P + 52S + 6P																																									



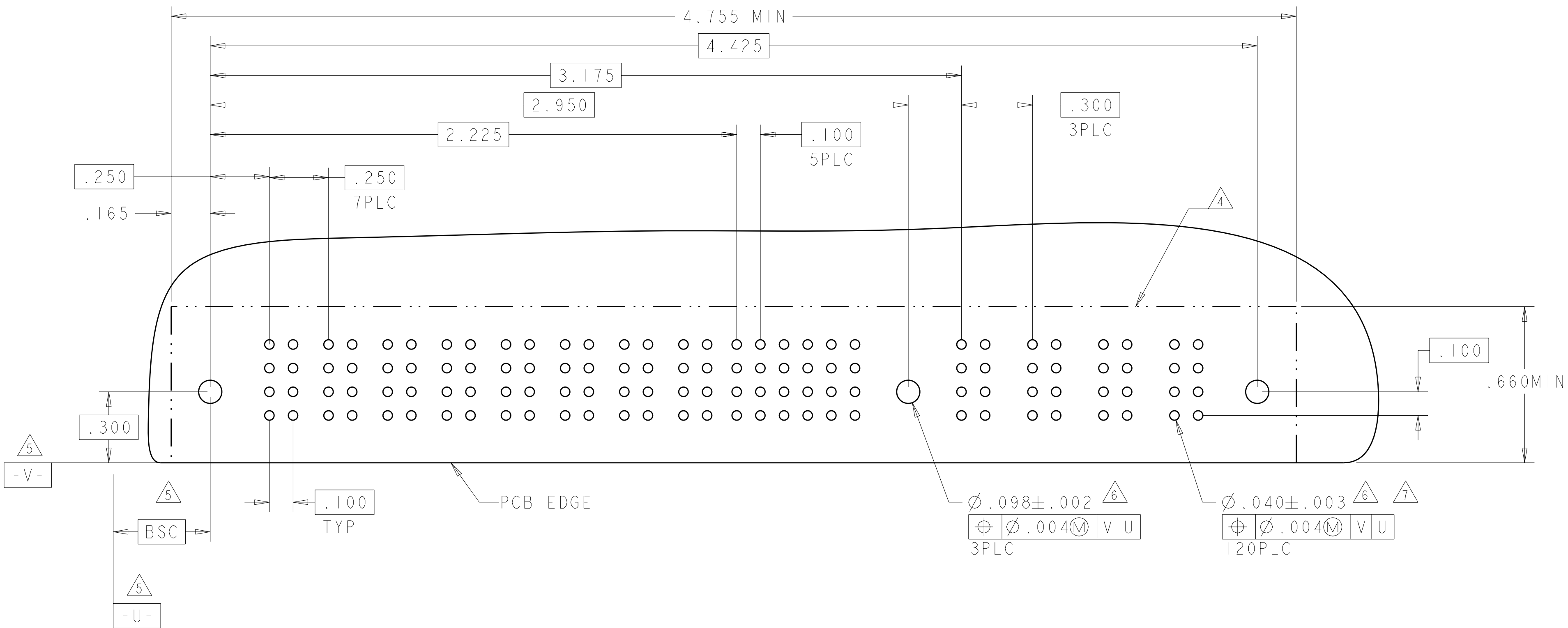
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DIMENSIONS: INCHES 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±. 1 PLC ±.01 5 PLC ±.01 4 PLC ±.005 ANGLES ±.0020	NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	SIZE: A11 00779 C=6450120 SCALE: 4:1 SHEET: 10 OF 15 REV: H2

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

PART NUMBER	ROWS	POWER						SIGNAL												POWER																							
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	7	8	9	10	11	12	P8	P9	P10	P11	P12	P13	P14																
3-6450120-4	D C B A	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM								
								K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K							K	K	K	K	K	K		
								N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							N	N	N	N	N	N	N	N
								S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S							S	S	S	S	S	S	S	S
7P + 48S + 7P		HD		HD																																							



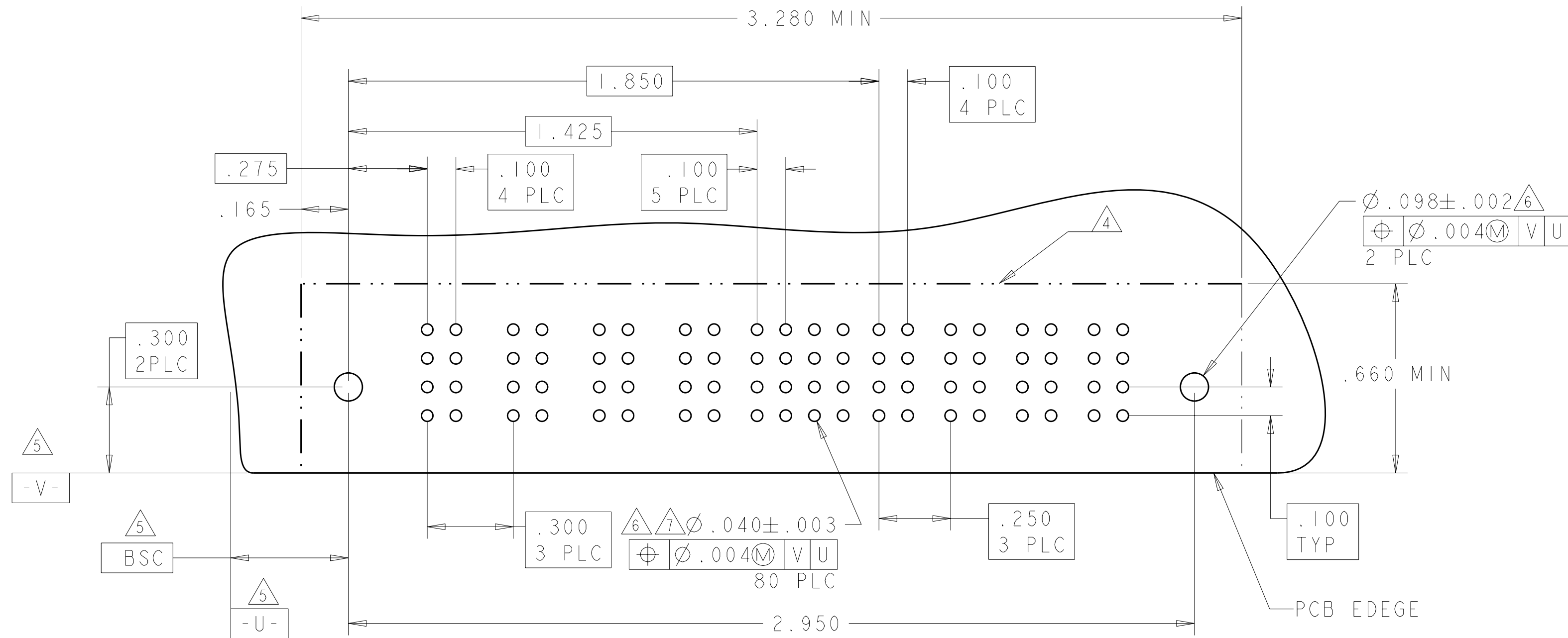
PART NUMBER	ROWS	POWER								SIGNAL						POWER																												
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	P9	P10	P11	P12																									
4-6450120-2	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM							
										K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K					K	K	K	K	K	K	
										N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					N	N	N	N	N	N	N
										S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S					S	S	S	S	S	S	S
8P + 24S + 1M + 4ACP		HD		HD																																								



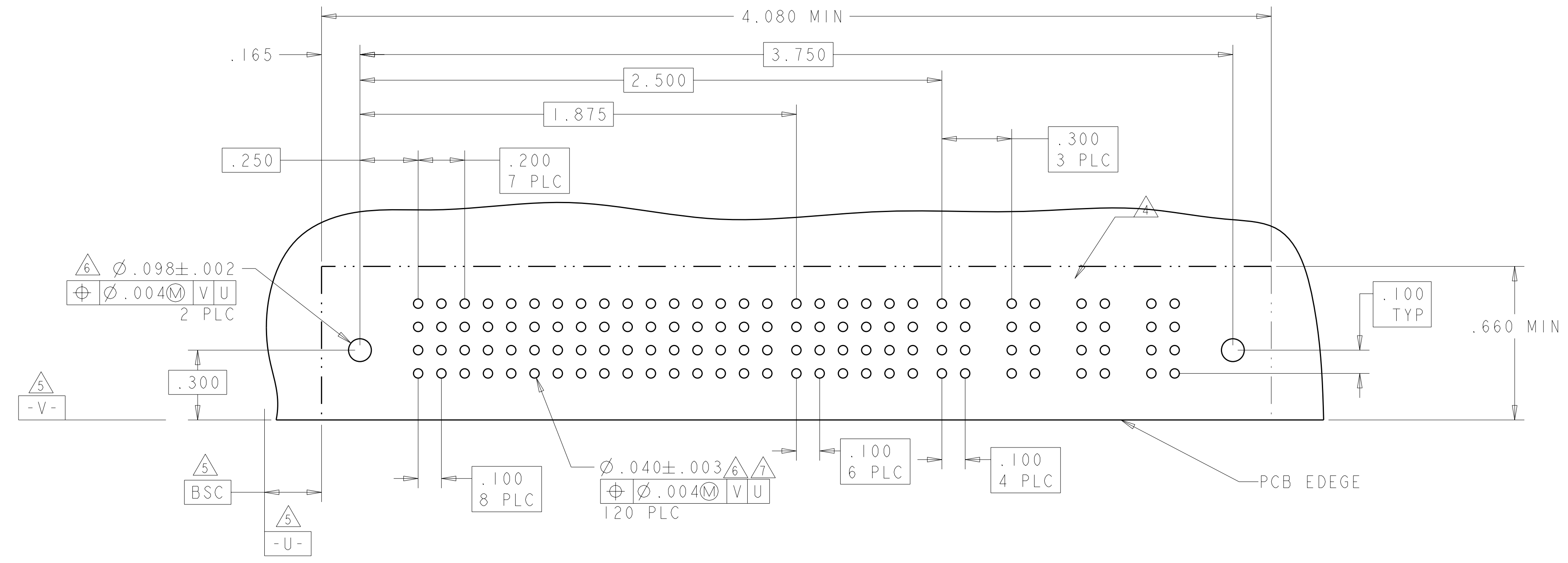
<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small>		DWN: R. GRZYBOWSKI 02FEB05 CHK: M. PERCHERKE 02FEB05 APVD: M. PERCHERKE 02FEB05		Tyco Electronics Corporation Shanghai, P.R.China, 200233	
DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.0°		NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	
MATERIAL: - FINISH: -		SIZE: A11 CAGE CODE: 00779 DRAWING NO: C=6450120		RESTRICTED TO: - SCALE: 4:1 SHEET: 11 OF 15 REV: H2	

LOC	DIST	REV	DATE	BY	APPD
ES	00				
		DESCRIPTION	DATE	BY	APPD
		SEE SHEET 1			

PART NUMBER	ROWS	POWER				SIGNAL				POWER			
		P1	P2	P3	P4	1	2	3	4	P5	P6	P7	P8
4-6450120-3	D C B A	PM	PM	PM	PM	J	J	J	J	PM	PM	PM	PM
						K	K	K	K				
						N	N	N	N				
4ACP + 16S + 4P						S	S	S	S				



PART NUMBER	ROWS	POWER								SIGNAL						POWER			
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	P9	P10	P11	P12
4-6450120-4	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	PM	PM	PM	PM	
										K	K	K	K	K					
										N	N	N	N	N					
8P + 24S + 4ACP										S	S	S	S	S					

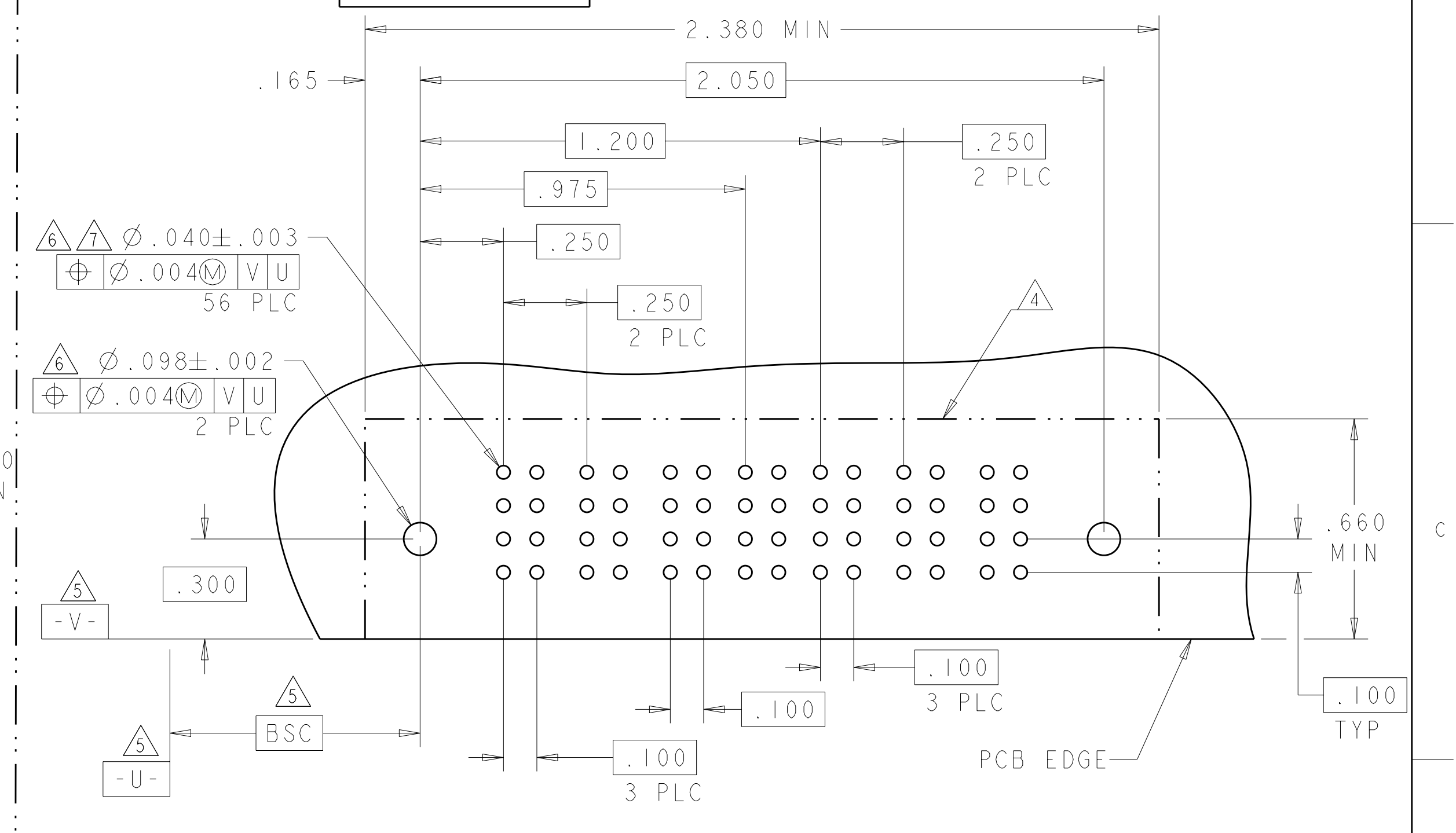
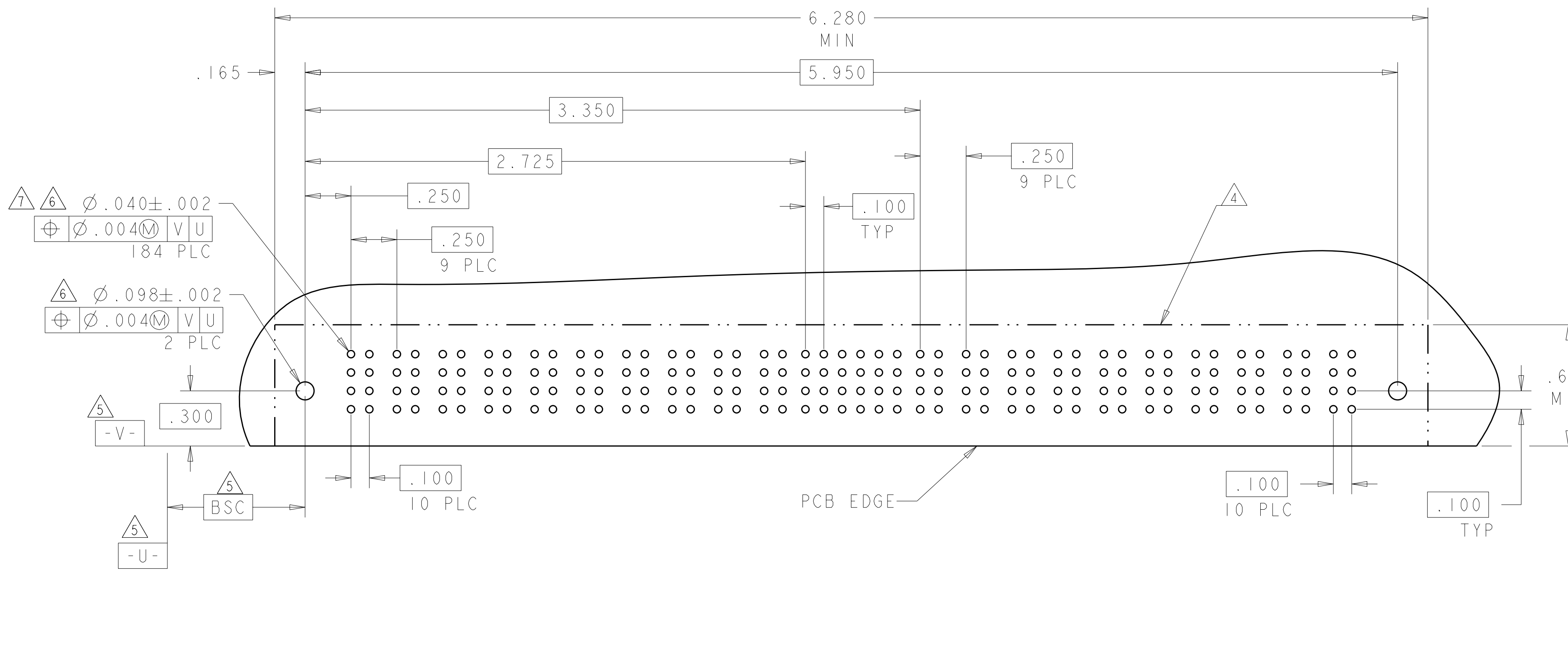


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DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.01 4 PLC ±.0020 ANGLES ±.2°		NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038	SIZE: A1 CAGE CODE: 00779 DRAWING NO: 6450120 RESTRICTED TO:
MATERIAL: - FINISH: -		WEIGHT: - CUSTOMER DRAWING:		SCALE: 4:1 SHEET: 12 OF 15 REV: H2	

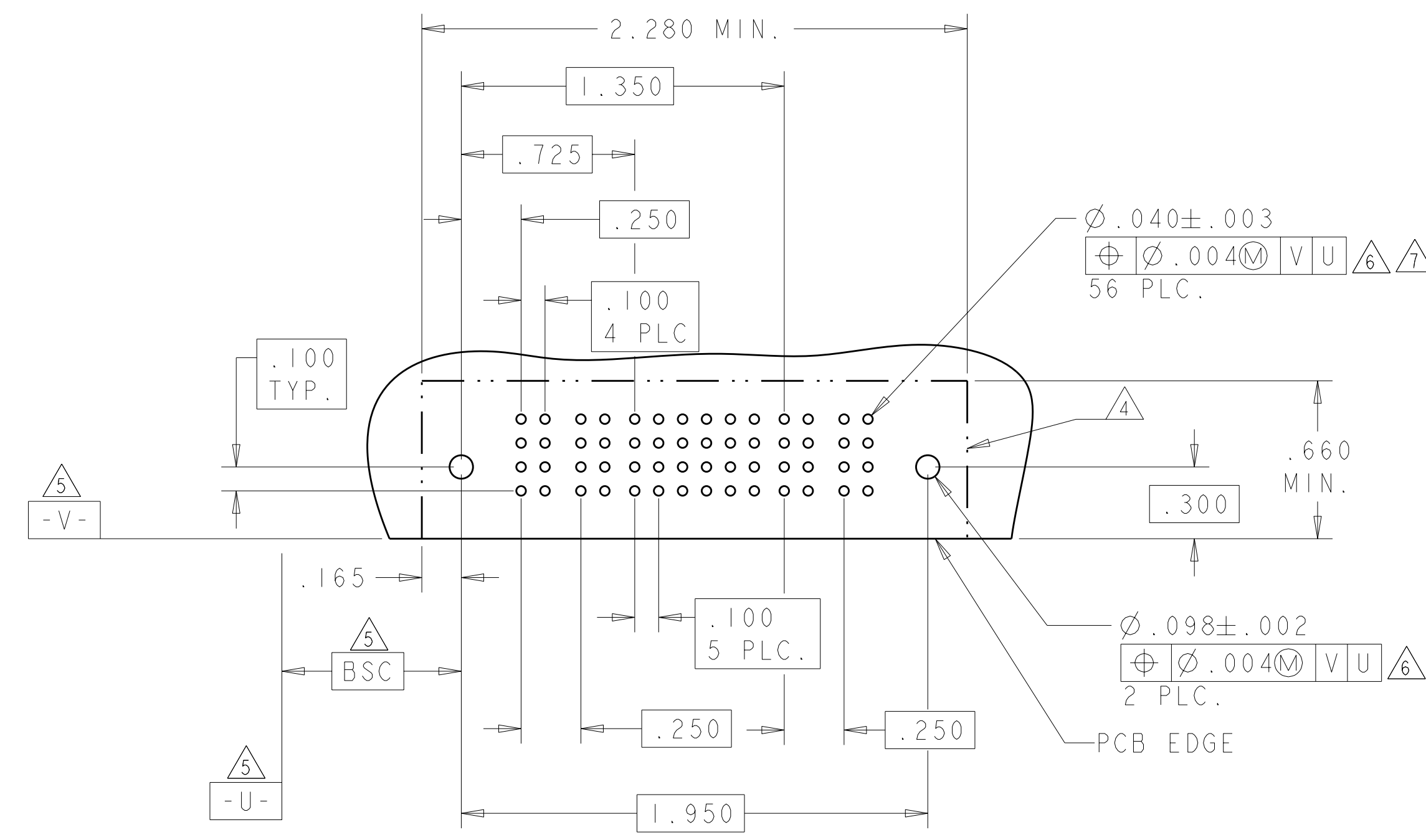
LOC	DIST	REVISONS			
ES	00	DATE	DWN	APVD	DESCRIPTION
		-	-	-	SEE SHEET 1

PART NUMBER	ROWS	POWER									SIGNAL						POWER									
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6	P11	P12	P13	P14	P15	P16	P17	P18	P19
4-6450120-5	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
										K	K	K	K	K	K											
										N	N	N	N	N	N											
										S	S	S	S	S	S											
		HD																								
		10P + 24S + 10P																								

PART NUMBER	ROWS	POWER			SIGNAL		POWER			
		P1	P2	P3	1	2	P4	P5	P6	
4-6450120-6	D C B A	PM	PM	PM	J	J	PM	PM	PM	
					K	K				
					N	N				
					S	S				
		HD								
		3P + 8S + 3P								



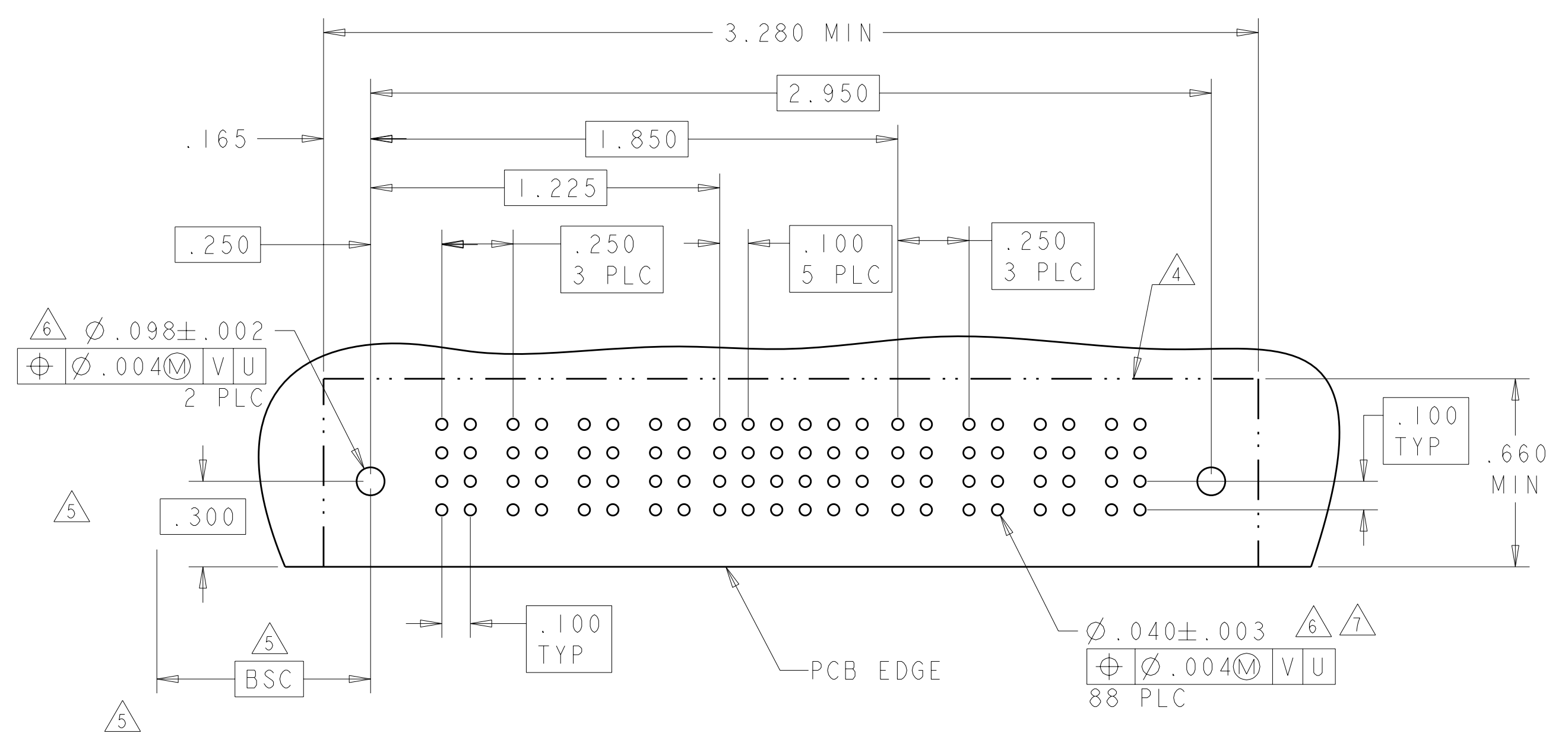
PART NUMBER	ROWS	POWER		SIGNAL						POWER		
		P1	P2	1	2	3	4	5	6	P3	P4	
4-6450120-7	D C B A	PM	PM	J	J	J	J	J	J	PM	PM	
				K	K	F	K	K	K			
				N	N	G	N	N	N			
				S	S	S	S	S	S			
		HD										
		2P + 24S + 2P										



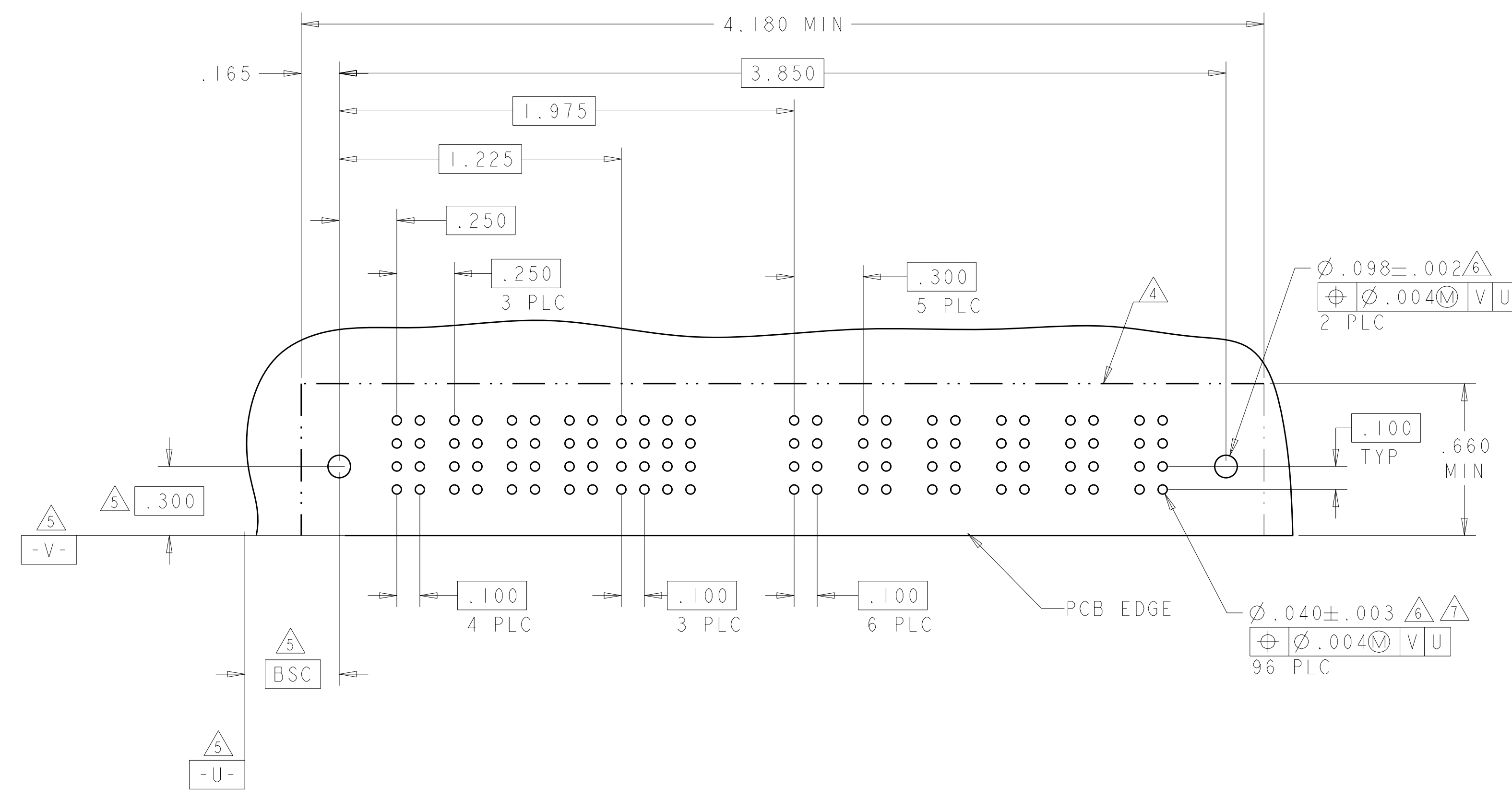
<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION. COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small>		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	02FEB05 02FEB05 02FEB05	Tyco Electronics Corporation Shanghai, P.R.China.200233
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.0°		
MATERIAL:		NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038		
FINISH:		SIZE: CAGE CODE DRAWING NO: 00779 C-6450120 WEIGHT: CUSTOMER DRAWING: SCALE 4:1 SHEET 13 OF 15 REV H2		

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

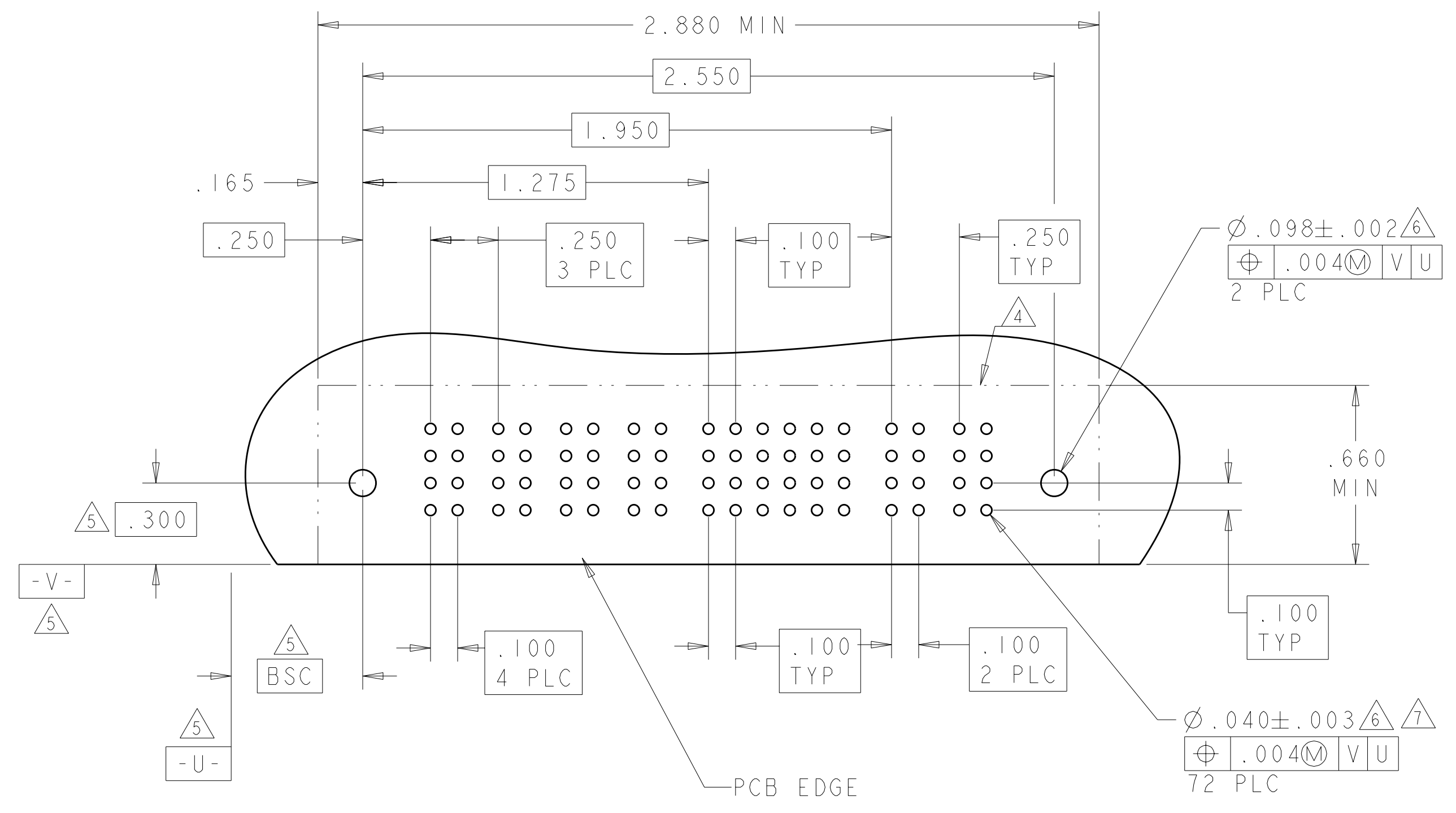
PART NUMBER	ROWS	POWER				SIGNAL						POWER			
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8
4-6450120-8	D	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM
	C					K	K	K	K	K	K				
	B					N	N	N	N	N	N				
A						S	S	S	S	S	S				
HD															
4P + 24S + 4P															



PART NUMBER	ROWS	POWER				SIGNAL				POWER						
		P1	P2	P3	P4	1	2	3	4	P5	P6	P7	P8	P9	P10	P11
5-6450120-0	D					J	J	J	J							
	C					K	K	K	K							
	B					N	N	N	N							
	A					S	S	S	S							
HD																
4P + 16S + 7ACP																



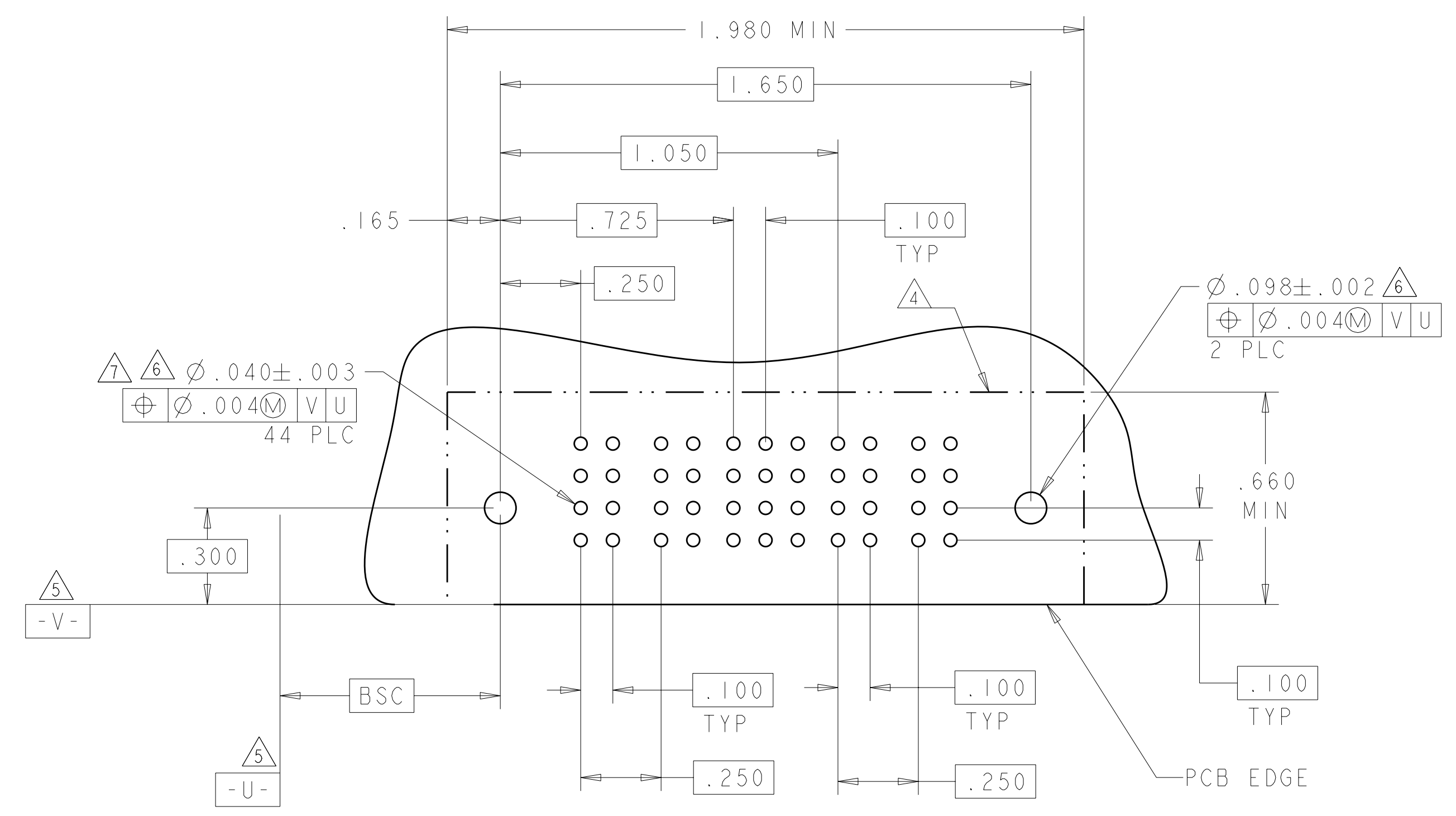
PART NUMBER	ROWS	POWER				SIGNAL						POWER	
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6
2-6450120-5	D	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM
	C					K	K	K	K	K	K		
	B					N	N	N	N	N	N		
A						S	S	S	S	S	S		
HD													
4P + 24S + 2P													



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DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.01 5 PLC ±.01 4 PLC ±.0020 ANGLES ±.0020		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	
MATERIAL: - FINISH: -		NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL SIZE: 4P + 24S + 2P CAGE CODE: 00779 DRAWING NO: 6450120		RESTRICTED TO: - SCALE: 4:1 SHEET: 14 OF 15 REV: H2	

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

PART NUMBER	ROWS	POWER		SIGNAL			POWER	
		P1	P2	1	2	3	P3	P4
4-6450120-9	D	PM	PM	J	J	J	PM	PM
	C			K	K	K		
	B			N	N	N		
	A			S	S	S		
2P + 12S + 2P		HD					HD	



DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		Tyco Electronics	
INCHES		9 PLC	±	R. GRZYBOWSKI	02FEB05	Tyco Electronics Corporation	
		2 PLC	±.01	CHK	M. PERCHERKE	Shanghai, P.R.China, 200233	
		5 PLC	±.005	APVD	M. PERCHERKE	NAME	
		4 PLC	±.0020			RIGHT ANGLE HEADER W/GUIDES ASSEMBLY	
		ANGLES	±2°			MULTI-BEAM XL	
MATERIAL		FINISH				SIZE	CAGE CODE
						A11	00779
						DRAWING NO	C=6450120
						RESTRICTED TO	
						CUSTOMER DRAWING	
						SCALE	4:1
						SHEET	15 OF 15
						REV	H2