



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

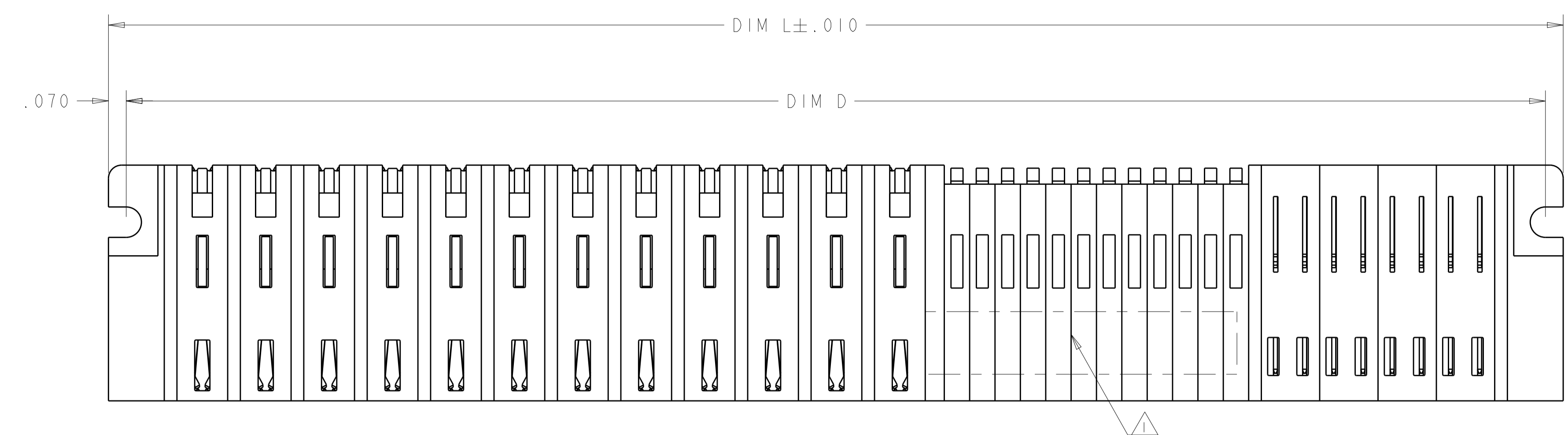
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

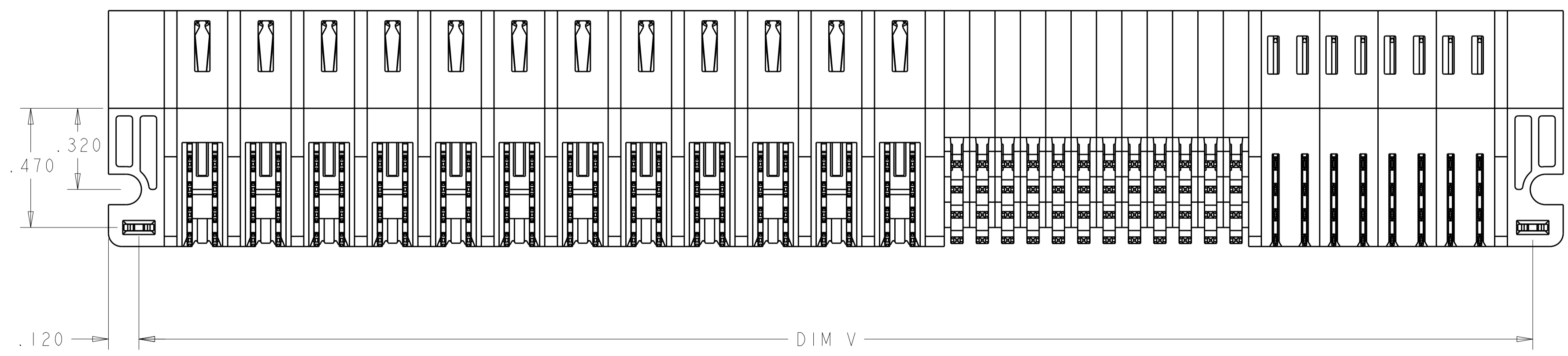
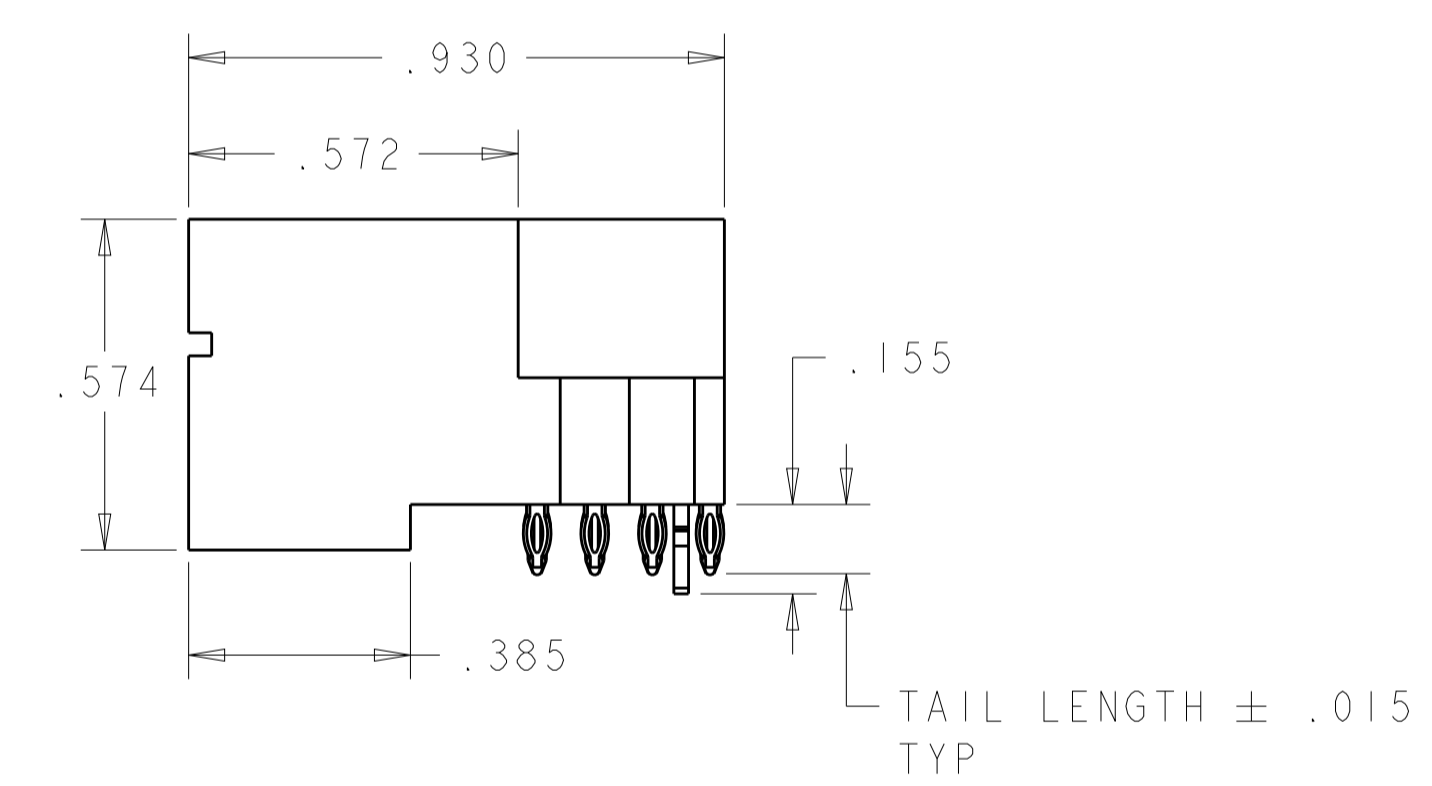
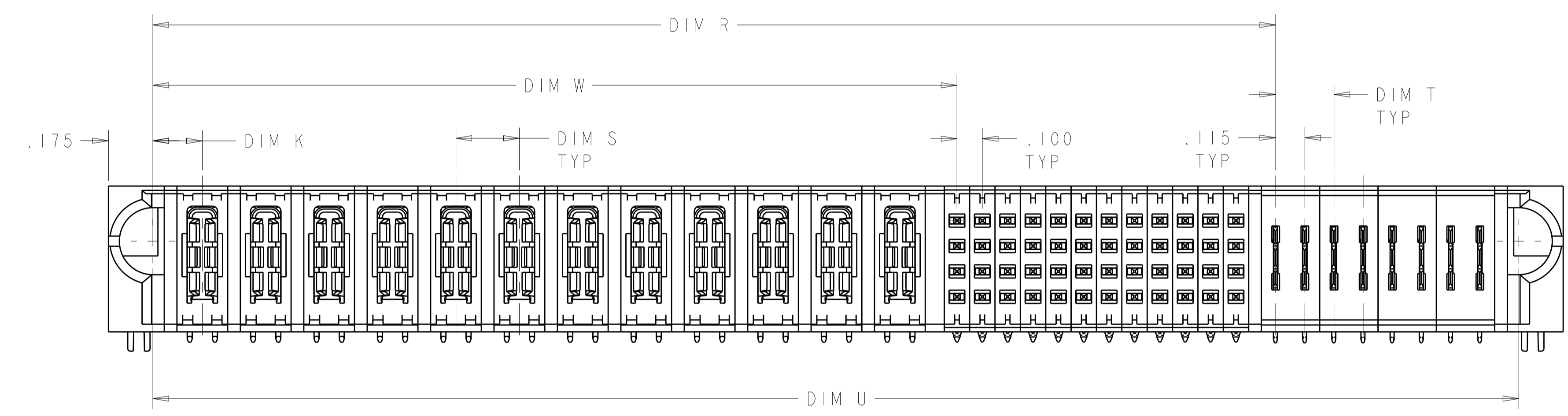
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	APVD
ES	00	G9		ADD NEW DASH NUMBER 2-9	04MAY2012	CZ	SZ
		H2		REV PER ECR-12-020199	22NOV2012	CZ	SZ
		H4		ADDED THE NEW DASH NUMBER -33	28DEC2012	ML	SZ



- 1 "AMP", PART NUMBER, AND DATECODE TO BE MARKED IN AREA SHOWN. PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES.
- 2 MATERIAL:
HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, BLACK, UL94 V-0
SIGNAL CONTACT - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
- 3 CONTACT PLATING - NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
- 4 MECHANICAL CONNECTOR KEEP OUT ZONE.
- 5 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6 PCB - HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 7 PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 DIA HOLE.
- 8 TO GENERAL POWER CONTACT (WITHOUT LP POWER CONTACT), VARIABLE DIMENSIONS PLEASE SEE SHEET 2.
- 9 PLEASE REFER TO PAGE 5 FOR DETAIL DIMENSIONS.
- 10 PLEASE REFER TO PAGE 7 FOR SPECIAL DIMENSIONS.
- 11 FOR LP/S/P CONFIGURATION, OR SPECIAL DIMENSIONS FOR PART 2-6450840-1, PLEASE REFER TO SHEET 2.




THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ALEX SHOAL CHK Sunny Zhao	14DEC2007 20DEC2007		NAME RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:			APVD Sunny Zhao 20DEC2007	PRODUCT SPEC 108-2292
		0 PLC ±	1 PLC ±.01	RESTRICTED TO		
MATERIAL		2 PLC ±.005	3 PLC ±.0050	SIZE A100779	CAGE CODE 6450840	DRAWING NO 6450840-1
FINISH		4 PLC ±.0050	ANGLES ±.7°	WEIGHT	SCALE 4:1	SHEET 1 OF 16
Customer Drawing		Customer Drawing		REV H4		

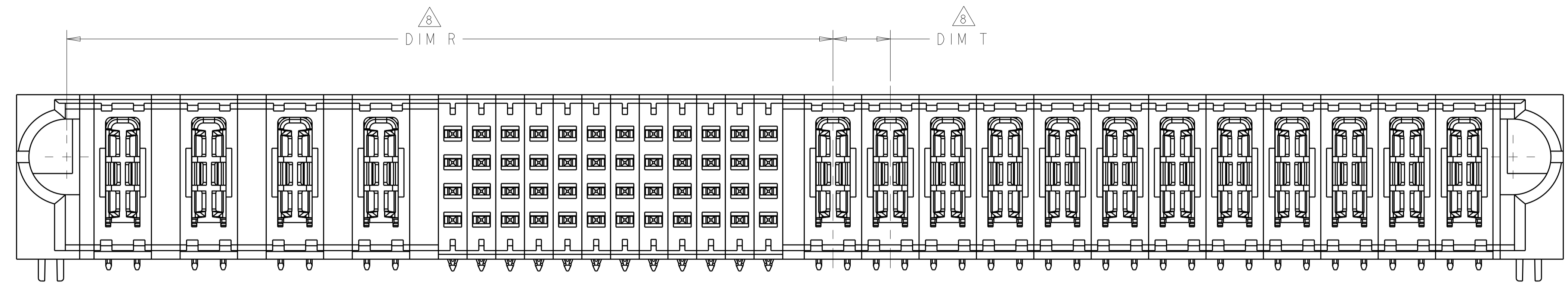
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LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

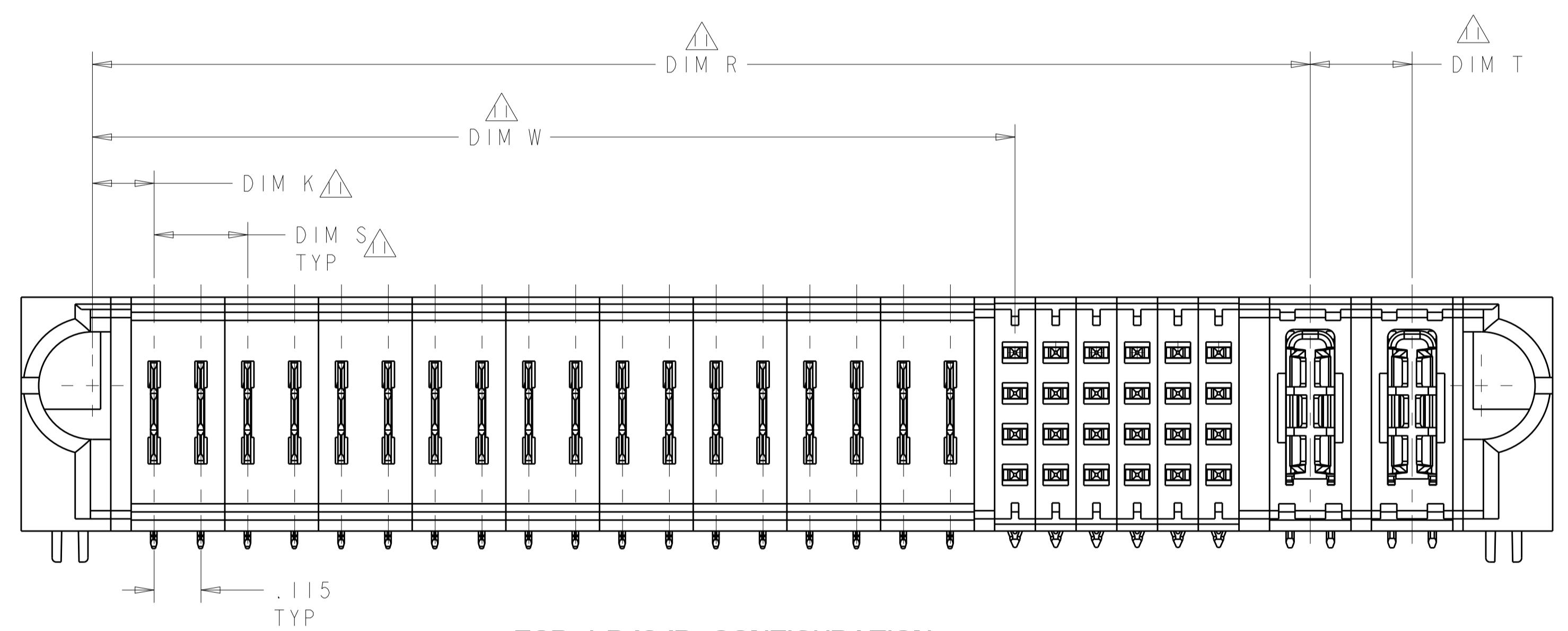
H3	H2	.250	2.315	1.535	.860	2.205	.230	2.415	2.555	.1275	6LP + 24S + 3P	3-6450840-3
		-	1.135	.8075	.375	1.025	-	1.235	1.375	.1025	2LP + 16S + 2LP	3-6450840-1
		.250	2.300	1.520	.845	2.190	.250	2.400	2.540	.170	3P + 24S + 3P	2-6450840-9
		.250	3.800	2.270	1.595	3.690	.250	3.900	4.040	.170	6P + 24S + 6P	2-6450840-7
		.250	4.400	2.370	2.095	4.290	.250	4.500	4.640	.170	8P + 8S + 8P	1-6450840-6
		.250	1.700	1.145	.645	1.590	.250	1.800	1.940	.195	2P + 16S + 2P	2-6450840-5
		.250	6.000	3.970	2.095	5.890	.250	6.100	6.240	.170	8P + 72S + 8P	2-6450840-3
		.250	2.500	1.470	1.095	2.390	.250	2.600	2.740	.170	4P + 12S + 4P	2-6450840-2
		.230	5.585	1.5025	.645	5.475	.250	5.685	5.825	.170	2P + 32S + 4LP + 14P	2-6450840-1
		.250	3.520	2.990	2.265	3.410	.230	3.620	3.760	.1525	18LP + 24S + 2P	2-6450840-0
		-	1.300	1.020	.345	1.190	-	1.400	1.540	.170	1P + 24S + 1P	1-6450840-5
		.200	3.300	2.020	1.345	3.190	.200	3.400	3.540	.170	6HDP + 24S + 6HDP	1-6450840-2
		.200	2.400	1.520	.945	2.290	.200	2.500	2.640	.170	4HDP + 20S + 4HDP	1-6450840-1
		.250	2.400	1.370	1.095	2.290	.250	2.500	2.640	.170	4P + 8S + 4P	1-6450840-0
		.200	2.100	1.220	.945	1.990	.200	2.200	2.340	.170	4HDP + 8S + 4HDP	6450840-9
		-	-	-	-	-	-	-	-	-	4P+16S+24S+2HDP	6450840-8
		-	1.300	1.020	.345	1.190	-	1.400	1.540	.170	1P + 24S + 1P	6450840-7
		-	2.480	2.1525	1.345	2.370	.250	2.580	2.720	.170	5P + 32S + 2LP	6450840-6
		.250	3.400	2.120	1.395	3.290	.250	3.500	3.640	.170	5P + 24S + 5P	6450840-5
		.200	5.150	2.670	1.345	5.040	.300	5.250	5.390	.195	4ACP + 48S + 12HDP	6450840-4
		.230	5.495	4.4275	3.170	5.385	.250	5.595	5.735	.195	12P + 48S + 8LP	6450840-3
		-	2.315	-	-	2.205	-	2.415	2.555	.170	3P+ 1LP + 24S + 3HDP	6450840-2
		DIM T	DIM V	DIM R	DIM W	DIM U	DIM S	DIM D	DIM L	DIM K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ALEX SHOAL CHK Sunny Zhao	14DEC2007 20DEC2007	 TE Connectivity NAME RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD Sunny Zhao Z0DEC2007	
0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0050 ANGLES ±.0°		PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251		SIZE A100779
MATERIAL		WEIGHT		CAGE CODE DRAWING NO 6450840 SCALE 1:1 SHEET 2 OF 16 REV H4
		Customer Drawing		RESTRICTED TO

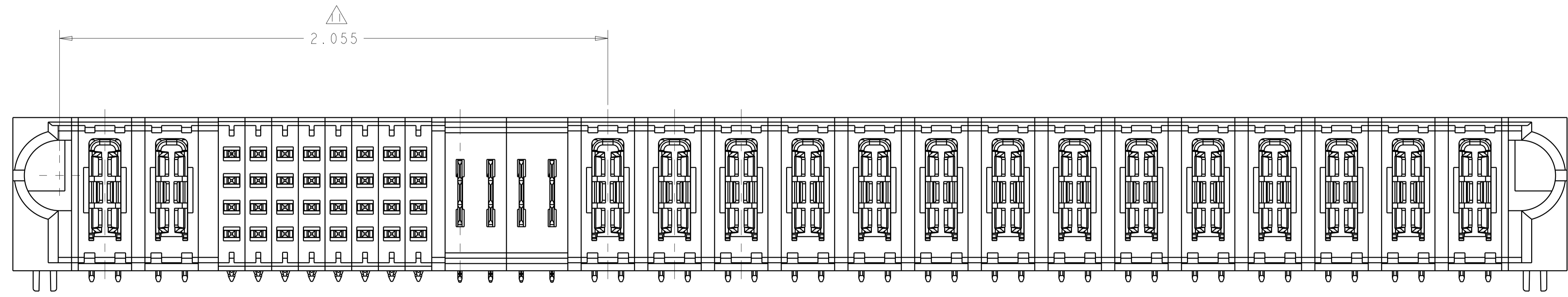
LOC		DIST		REVISIONS			
ES	00	P	LTH	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1			




FOR P/S/P CONFIGURATION
 UNSPECIFIED DIM REFER TO SHEET 1
 SCALE 4:1



FOR LP/S/P CONFIGURATION
 UNSPECIFIED DIM REFER TO SHEET 1



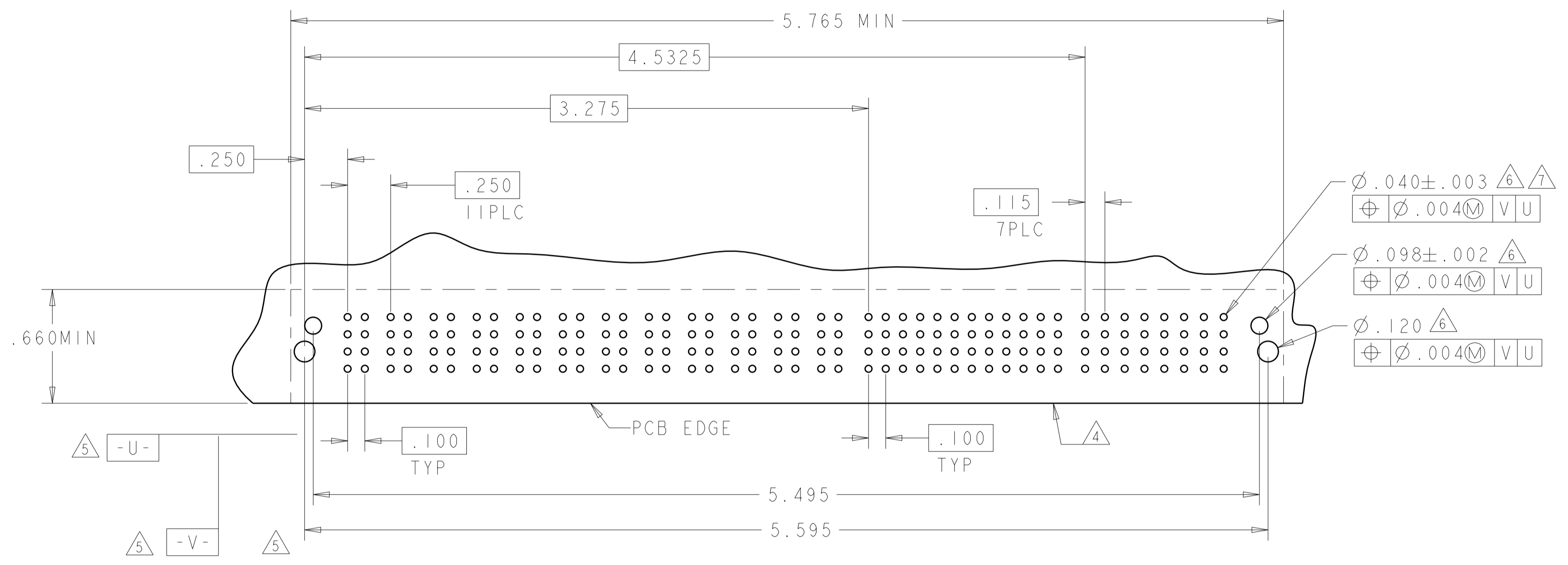
FOR PART 2-6450840-1 ONLY

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: ALEX SHOAL 14DEC2007	 TE Connectivity NAME: RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
DIMENSIONS: INCHES		CHK: Sunny Zhao 20DEC2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: Sunny Zhao 20DEC2007	
0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0050 ANGLES ±.0°		PRODUCT SPEC: 108-2292 APPLICATION SPEC: 114-13251 WEIGHT: - FINISH: -	
MATERIAL: -		SIZE: A100779	CAGE CODE: C=6450840 CUSTOMER DRAWING: - SCALE: 1:1 SHEET 3 OF 16 REV: H4

LOC	DIST	REVISIONS			
		REV	DATE	BY	APPROV
ES	00	-	-	-	-
		SEE SHEET 1			

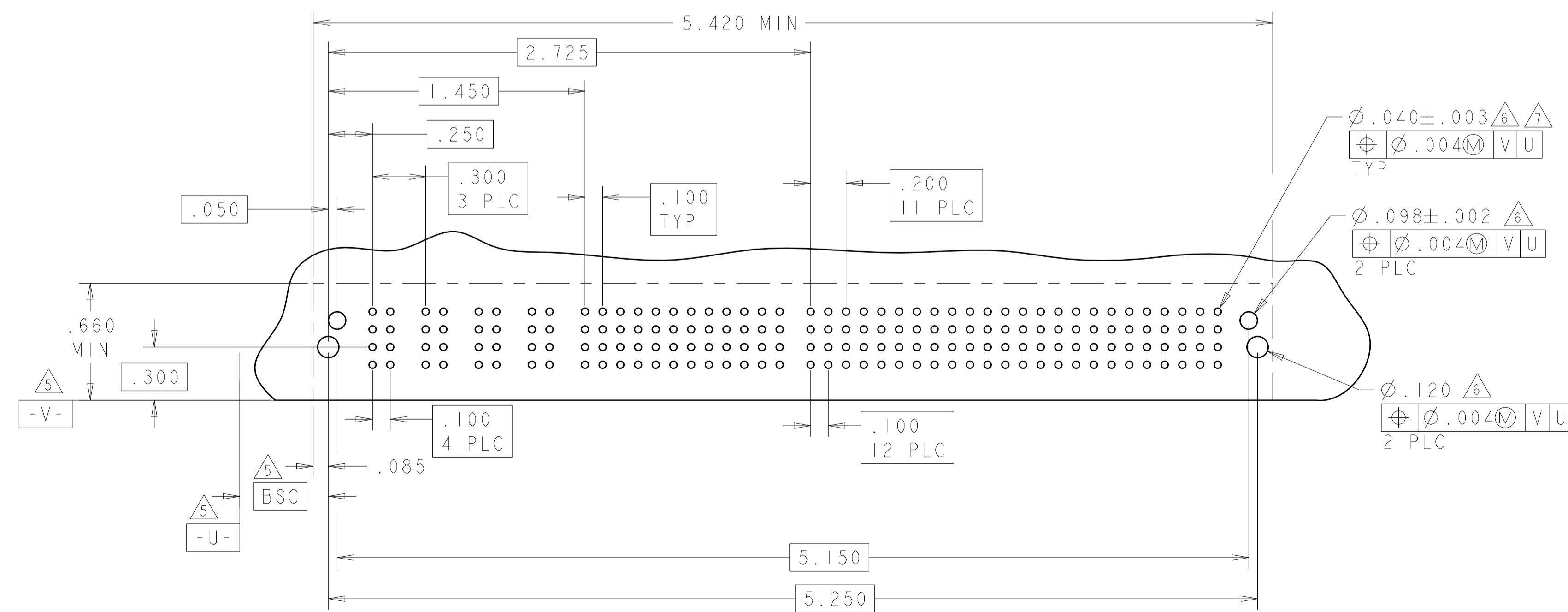
PART NUMBER	ROWS	POWER												SIGNAL												POWER									
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4	5	6	7	8	9	10	11	12	LP1	LP2	LP3	LP4	LP5	LP6	LP7	LP8		
6450840-3	D													Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5											
	C													Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	
	B													R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5											
	A	HD												O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5											HD

12P + 48S + 8LP



PART NUMBER	ROWS	POWER				SIGNAL												POWER																	
		P1	P2	P3	P4	1	2	3	4	5	6	7	8	9	10	11	12	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16						
6450840-4	D					Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5																			
	C					Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	
	B					R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5																			
	A	HD					O5	O5	O5	O5	O5	O5	O5	O5	O5	O5																			HD

4ACP + 48S + 12HDP



DESCRIPTION	IDENTIFIER
HOLD DOWN	HD
.120 SIGNAL PRESS FIT CON, ROW A,MLBF	O1
.120 SIGNAL PRESS FIT CON, ROW B,MLBF	R1
.120 SIGNAL PRESS FIT CON, ROW C,MLBF	Y1
.120 SIGNAL PRESS FIT CON, ROW D,MLBF	Z1
.120 SIGNAL PRESS FIT CON, ROW A,STD	O5
.120 SIGNAL PRESS FIT CON, ROW B,STD	R5
.120 SIGNAL PRESS FIT CON, ROW C,STD	Y5
.120 SIGNAL PRESS FIT CON, ROW D,STD	Z5
.120 PRESS FIT LOWER POWER CON	LT
.120 PRESS FIT POWER CON	TT

THIS DRAWING IS A CONTROLLED DOCUMENT. OWN: ALEX SHOAL 14DEC2007, CHG: Sunny Zhao 20DEC2007, APVD: Sunny Zhao 20DEC2007

DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01, 1 PLC ±.01, 2 PLC ±.01, 3 PLC ±.005, 4 PLC ±.005, ANGLES ±.0050

MATERIAL: FINISH: WEIGHT: 114-13251

Customer Drawing

NAME: RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE

PRODUCT SPEC: 108-2292

APPLICATION SPEC: 114-13251

SIZE: A100779

CAGE CODE: 6450840

SCALE: 1:1 SHEET 4 OF 16 REV: H4

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

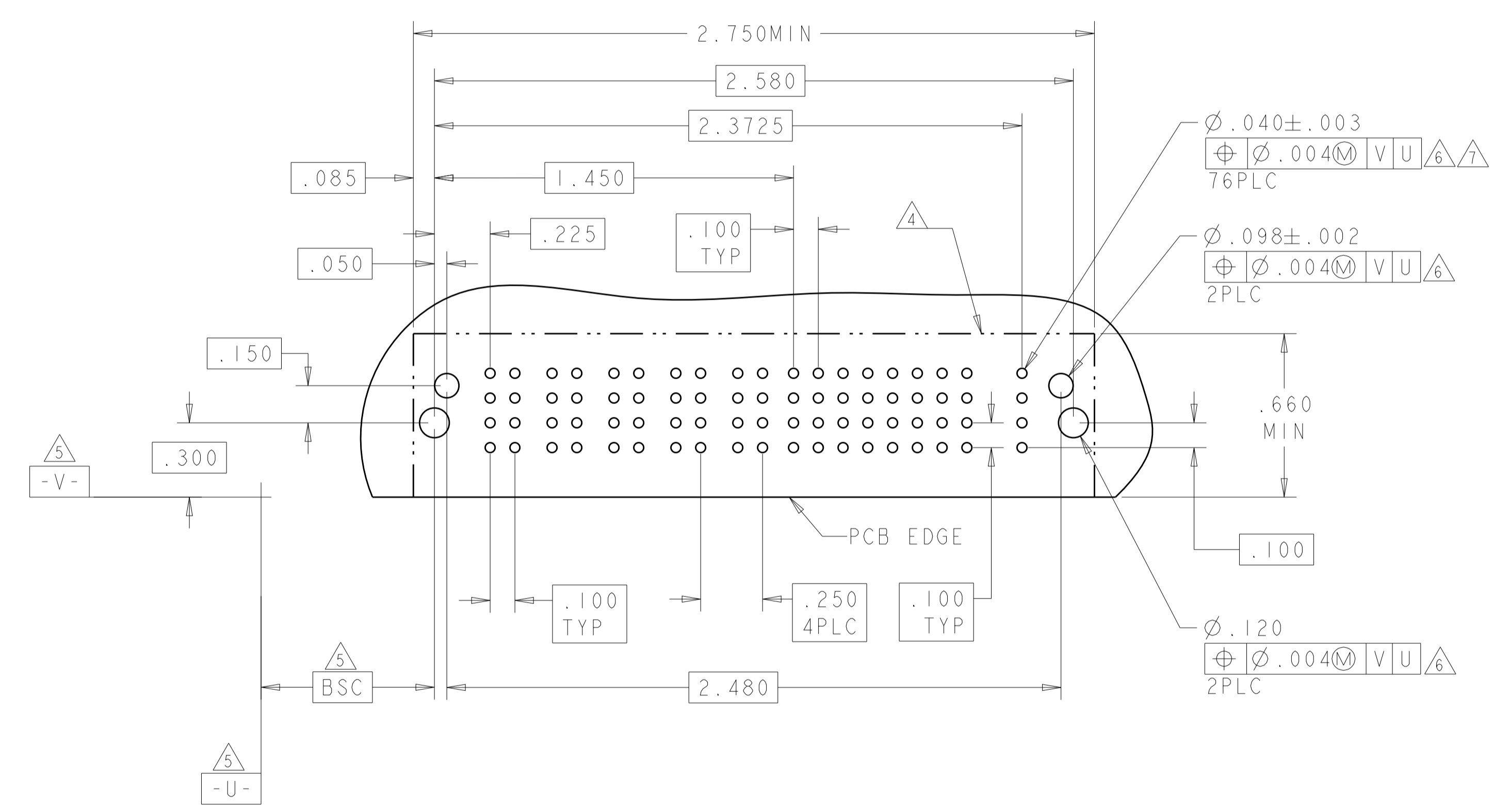
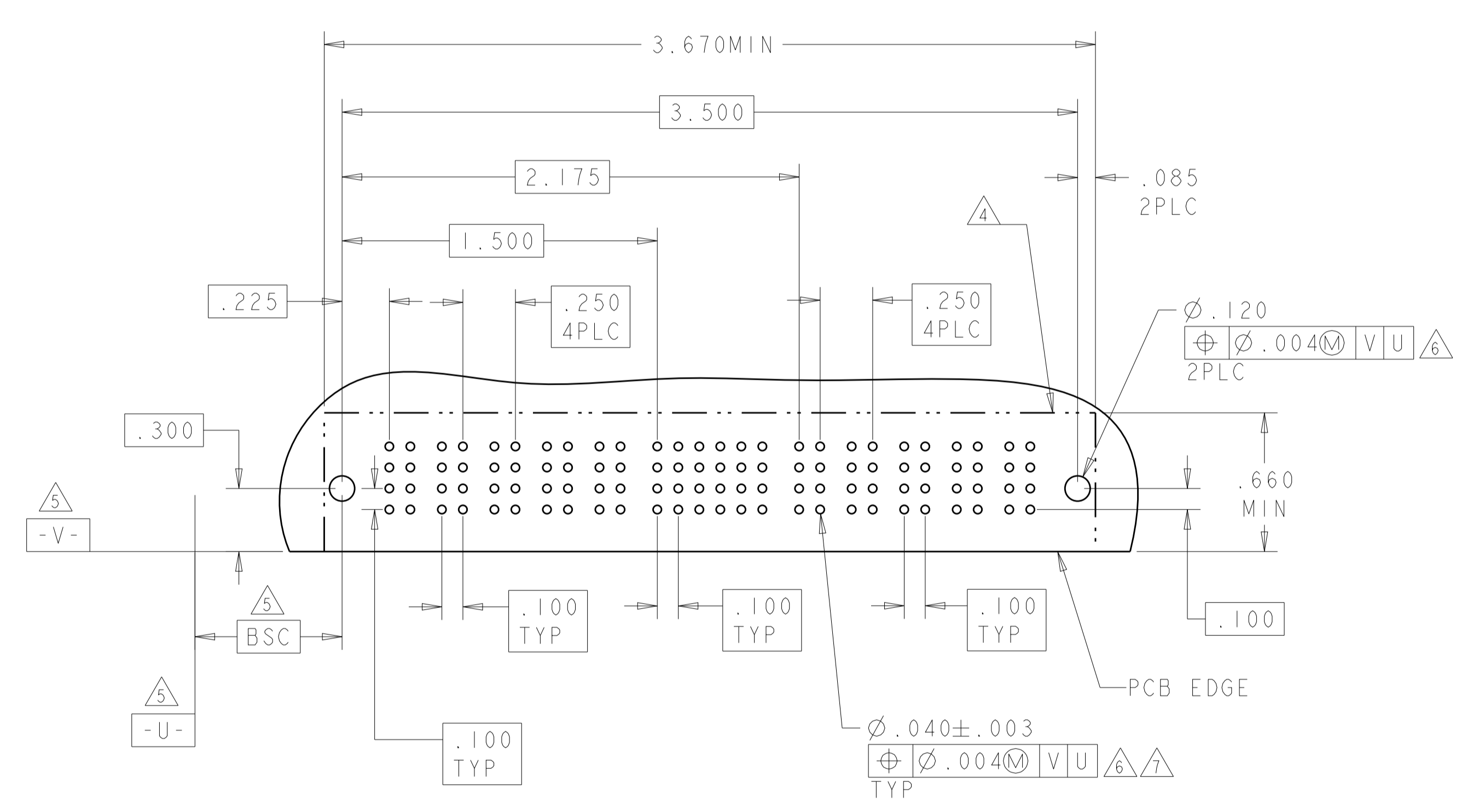
PART NUMBER	ROWS	POWER					SIGNAL						POWER				
		P1	P2	P3	P4	P5	1	2	3	4	5	6	P6	P7	P8	P9	P10
6450840-5	D						Z5	Z5	Z5	Z5	Z5	Z5					
	C						Y5	Y5	Y5	Y5	Y5	Y5					
	B						R5	R5	R5	R5	R5	R5					
	A						O5	O5	O5	O5	O5	O5					

5P + 24S + 5P

PART NUMBER	ROWS	POWER					SIGNAL								POWER	
		P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	LP1	LP2
6450840-6	D						Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5		
	C						Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5		
	B						R5	R5	R5	R5	R5	R5	R5	R5		
	A						O5	O5	O5	O5	O5	O5	O5	O5		

5P + 32S + 2LP

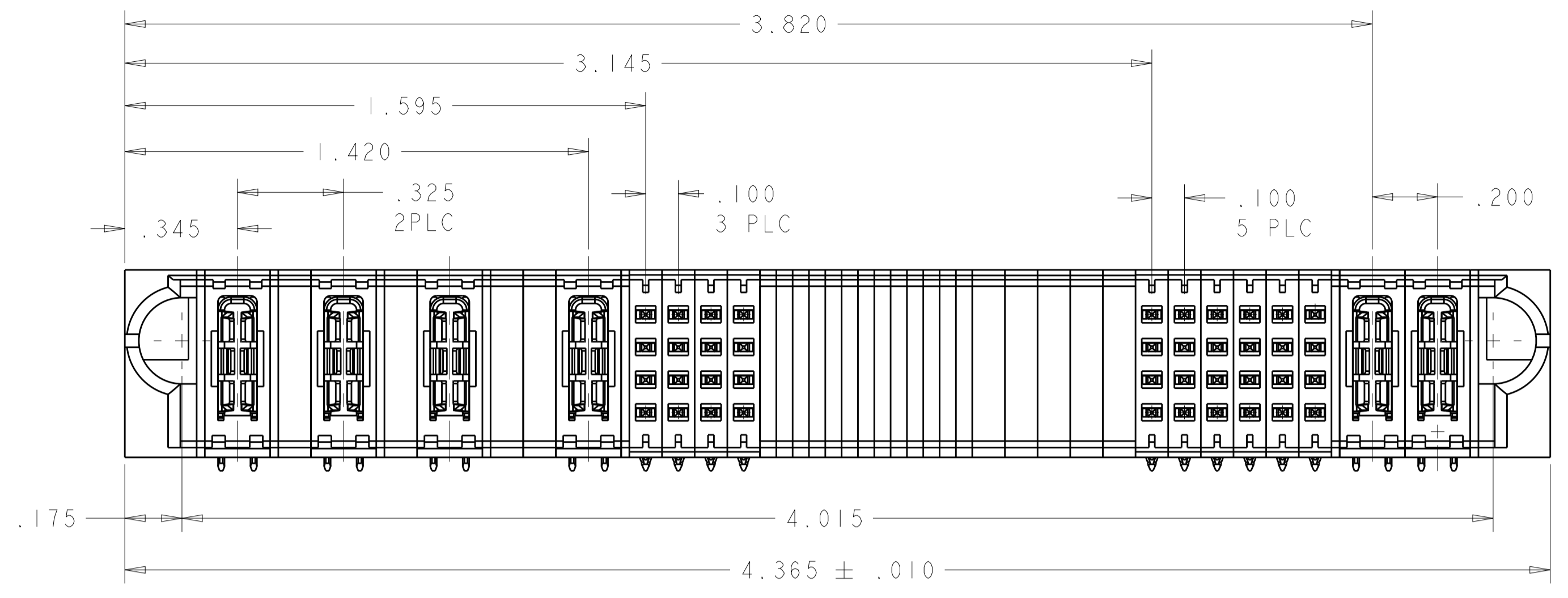
NO CONTACT LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN ALEX SHOAL CHK Sunny Zhao	14DEC2007 20DEC2007	TE Connectivity
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD Sunny Zhao 20DEC2007	
		0 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0050 ANGLES ±.7°	PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 WEIGHT -	NAME RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
MATERIAL -		FINISH -	SIZE A100779 CAGE CODE C=6450840 SCALE 1:1 SHEET 5 OF 16 REV H4	RESTRICTED TO
Customer Drawing				

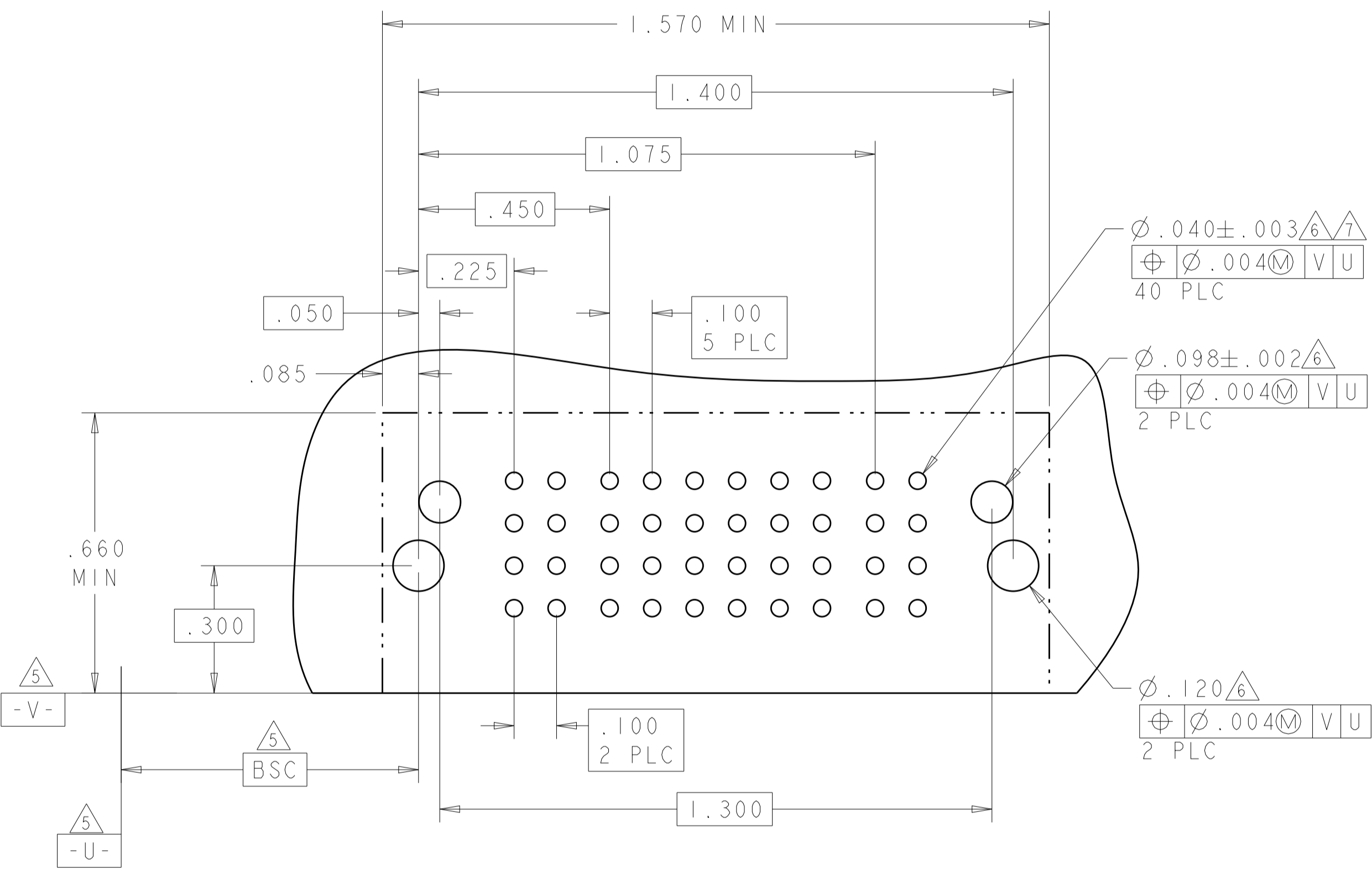
LOC	DIST	REV	DATE	APPD
ES	00			

PART NUMBER	ROWS	POWER	SIGNAL						POWER		
			P1	1	2	3	4	5		6	P2
6450840-7	D C B A	TT	HD	Z5	Z5	Z5	Z5	Z5	Z5	TT	HD
				Y5	Y5	Y5	Y5	Y5	Y5		
				R5	R5	R5	R1	R5	R5		
				O5	O5	O5	O5	O5	O5		
IP + 24S + IP											

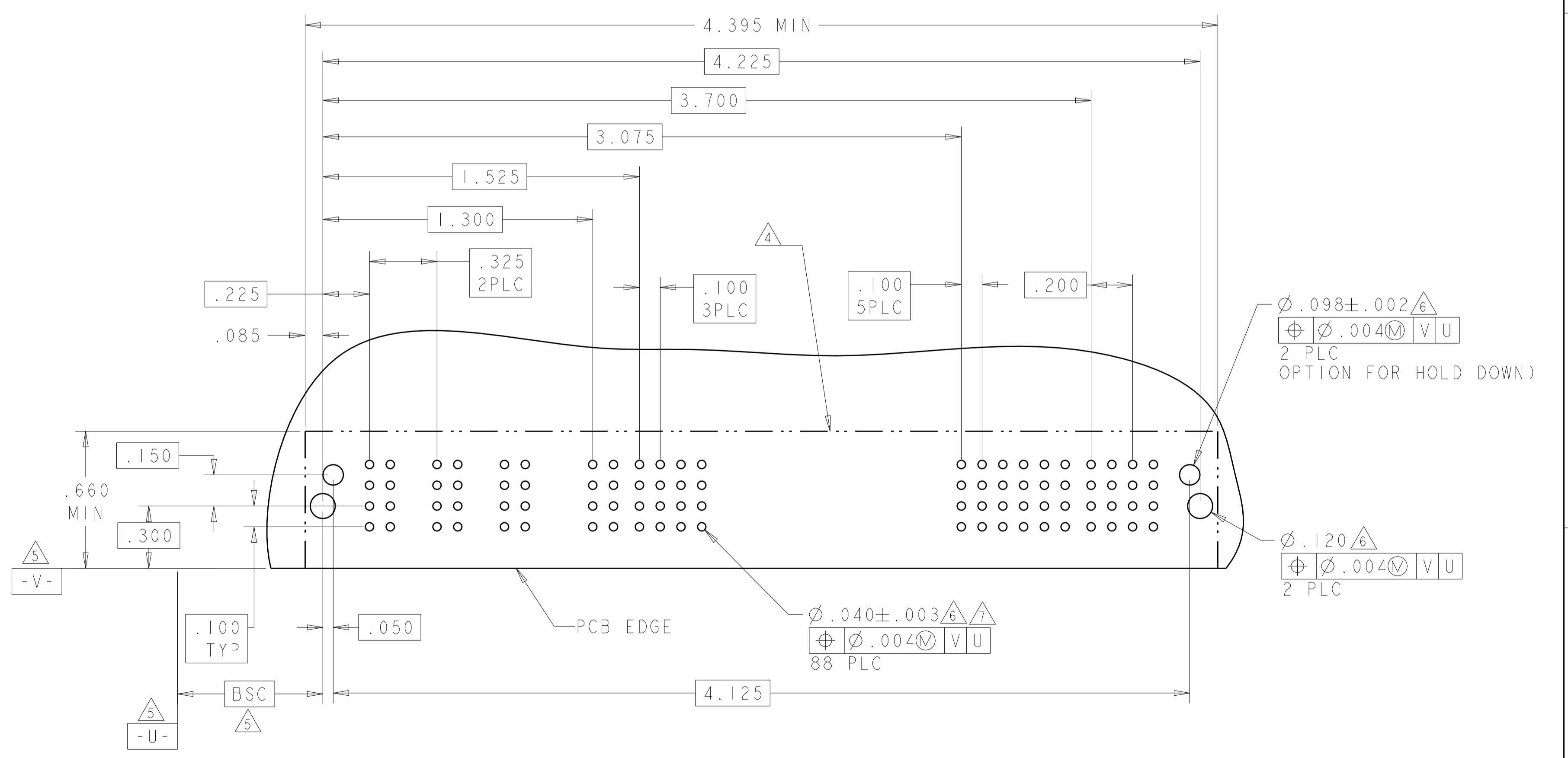


PART NUMBER: 6450840-8

PART NUMBER	ROWS	POWER	SIGNAL				BLANK	SIGNAL				POWER	
			P1	P2	P3	P4		5	6	7	8		9
6450840-8	D C B A	TT	TT	TT	TT	TT	BLANK	Z5	Z5	Z5	Z5	TT	TT
								Y5	Y5	Y5	Y5		
								R5	R5	R5	R5		
								O5	O5	O5	O5		
4P + 16S + 24S + 2HDP													



PART NUMBER	ROWS	POWER	SIGNAL						POWER		
			P1	1	2	3	4	5		6	P2
1-6450840-5	D C B A	TT	HD	Z5	Z5	Z5	Z5	Z5	Z5	TT	HD
				Y5	Y5	Y5	Y5	Y5	Y5		
				R5	R5	R5	R5	R5	R5		
				O5	O5	O1	O5	O5	O5		
IP + 24S + IP											



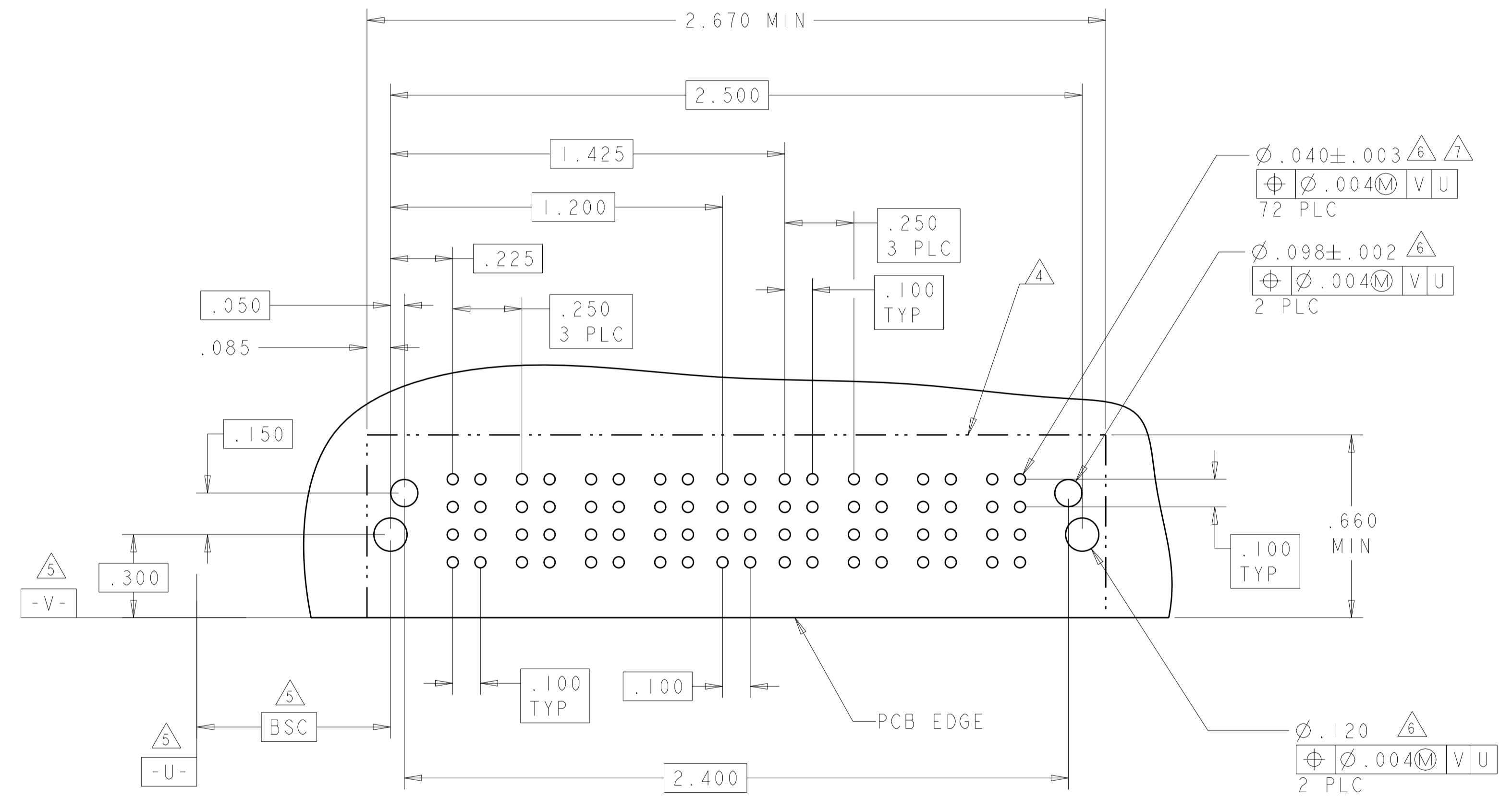
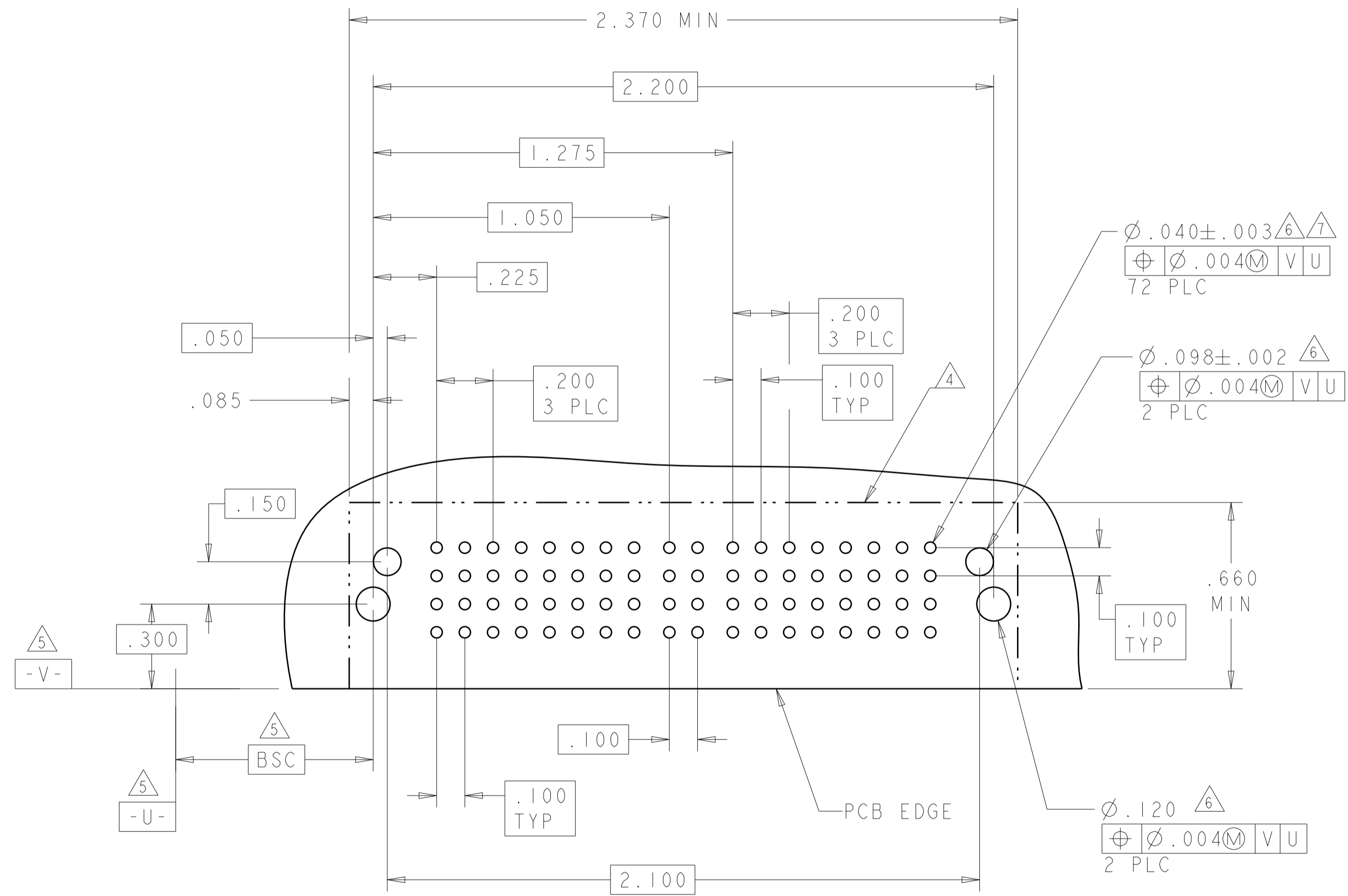
LAYOUT OF 1-6450840-5 IS SAME AS 6450840-7.

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DIMENSIONS: INCHES		CHK: Sunny Zhao 20DEC2007		NAME: RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: Sunny Zhao 20DEC2007	PRODUCT SPEC: 108-2292	
0 PLC ±.01		APPLICATION SPEC: 114-13251		SIZE: A1
1 PLC ±.01		WEIGHT: -		CAGE CODE: 6450840
2 PLC ±.01		FINISH: -		SCALE: 1:1
3 PLC ±.005		MATERIAL: -		SHEET: 6 OF 16
4 PLC ±.0050		CUSTOMER DRAWING		REV: H4
ANGLES ±.0050				

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

PART NUMBER	ROWS	POWER				SIGNAL	POWER				
		P1	P2	P3	P4	1 2	P5	P6	P7	P8	
6450840-9	D C B A	TT	TT	TT	TT	Z5 Y5 R5 O5	TT	TT	TT	TT	
4HDP + 8S + 4HDP		HD									

PART NUMBER	ROWS	POWER				SIGNAL	POWER				
		P1	P2	P3	P4	1 2	P5	P6	P7	P8	
1-6450840-0	D C B A	TT	TT	TT	TT	Z5 Y5 R5 O5	TT	TT	TT	TT	
4P + 8S + 4P		HD									



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: ALEX SHOAL 14DEC2007 CHK: Sunny Zhao 20DEC2007 APVD: Sunny Zhao 20DEC2007	NAME: RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
MATERIAL:	FINISH:	PRODUCT SPEC: 108-2292 APPLICATION SPEC: 114-13251 WEIGHT:	SIZE: A100779 CAGE CODE: C=6450840 SCALE: 1:1

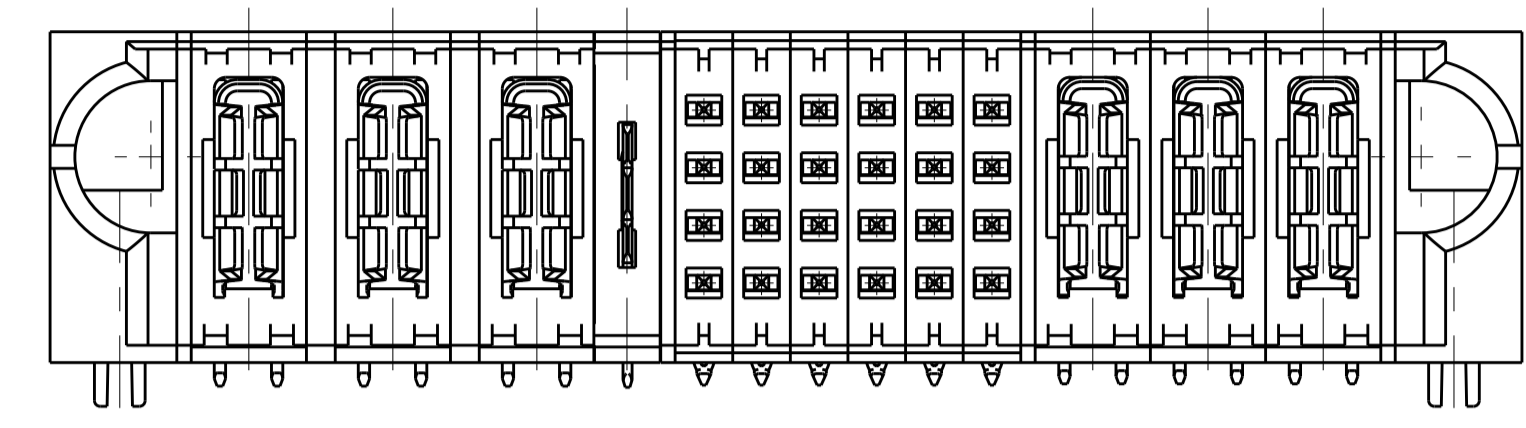
Customer Drawing

RESTRICTED TO SHEET 7 OF 16 REV H4

LOC		DIST		REVISIONS			
ES	00	REV	DATE	BY	APPV	DATE	APPV
		-	-	SEE SHEET 1		-	-

PART NUMBER	ROWS	POWER				SIGNAL					POWER							
		P1	P2	P3	P4	1	2	3	4	5	P5	P6	P7	P8				
1-6450840-1	D	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	TT	TT	TT	TT				
	C					Y5	Y5	Y5	Y5	Y5					TT	TT	TT	TT
	B					R5	R5	R5	R5	R5								
A	HD	O5	O5	O5	O5	O5	O5	O5	O5	HD								

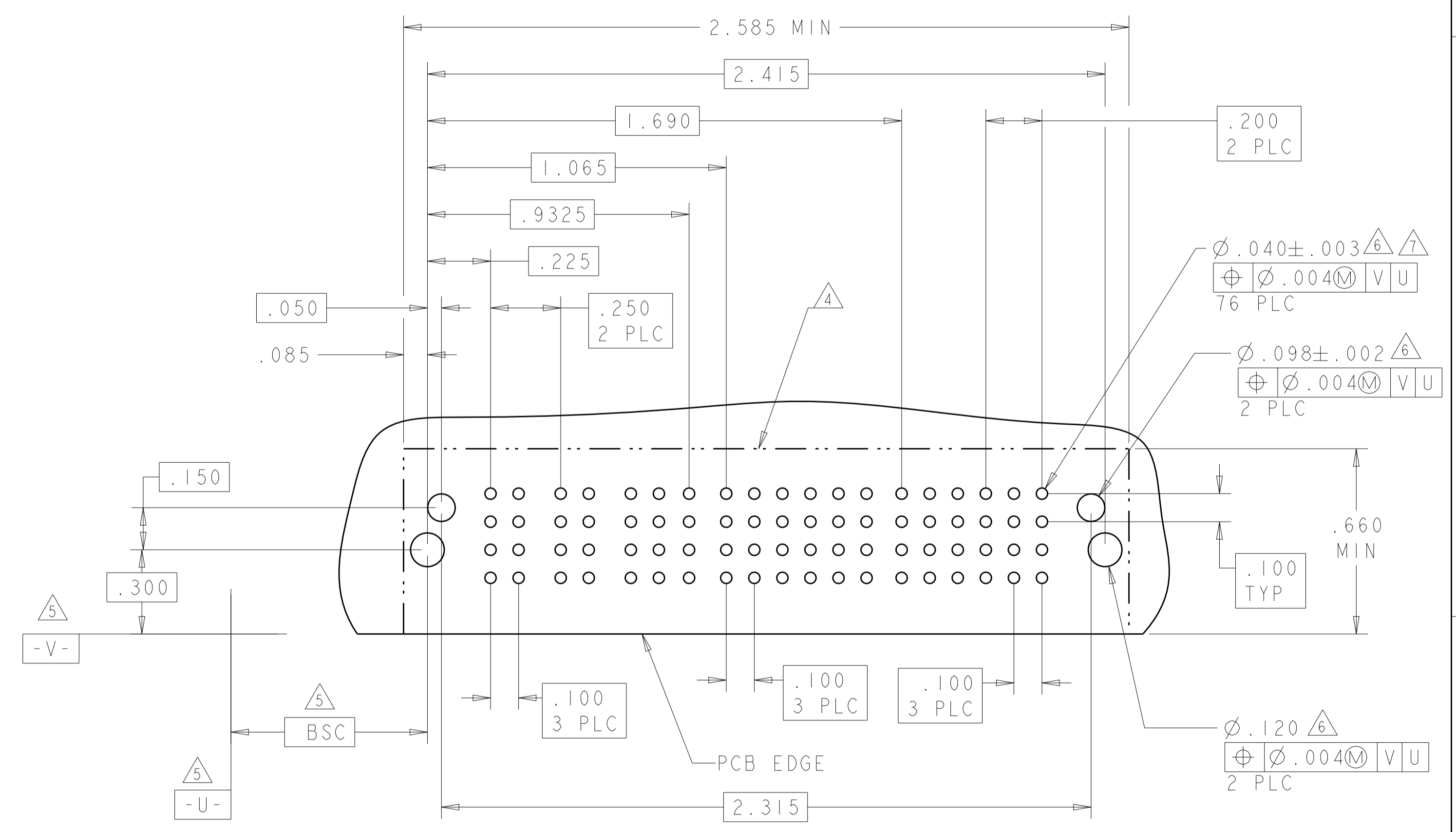
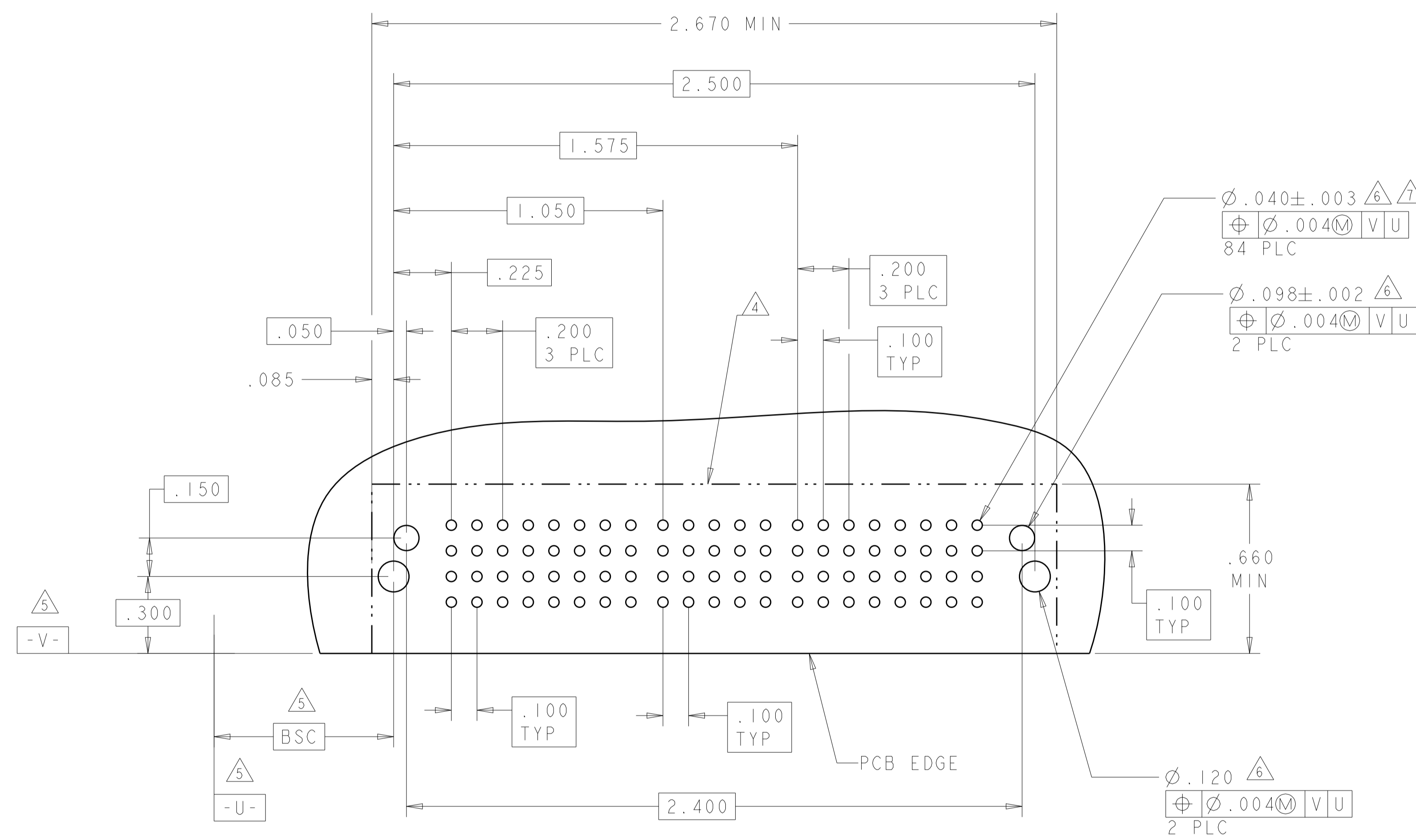
4HDP + 20S + 4HDP



FOR PART NUMBER 6450840-2
 UNSPECIFIED DIM REFER TO SHEET 1

PART NUMBER	ROWS	POWER				SIGNAL						POWER				
		P1	P2	P3	LPI	1	2	3	4	5	6	P4	P5	P6		
6450840-2	D	TT	TT	TT	LT	Z5	Z5	Z5	Z5	Z5	Z5	TT	TT	TT		
	C					Y5	Y5	Y5	Y5	Y5	TT				TT	TT
	B					R5	R5	R5	R5	R5						
A	HD	O5	O5	O5	O5	O5	O5	O5	O5	O5	HD					

3P + 1LP + 24S + 3HDP



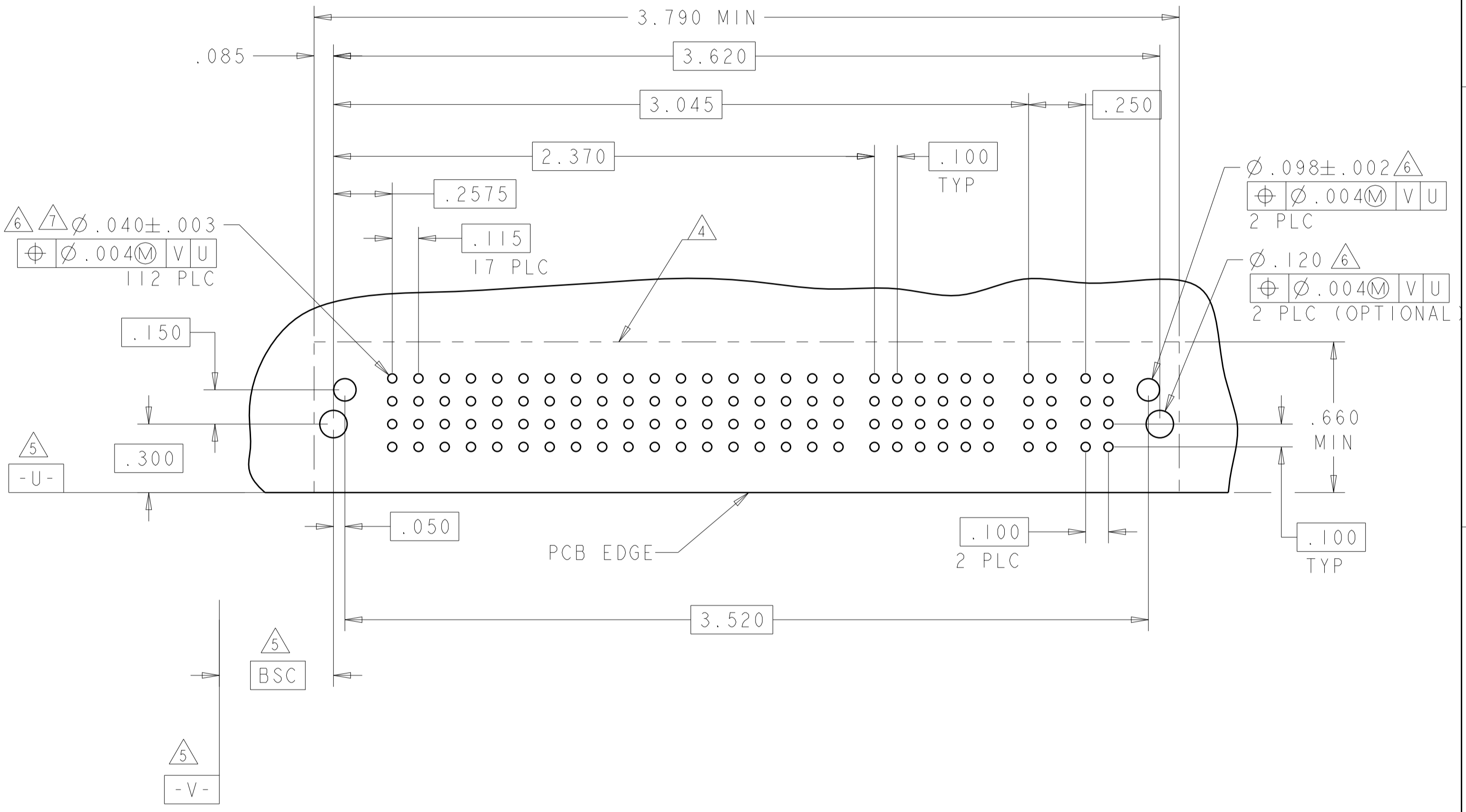
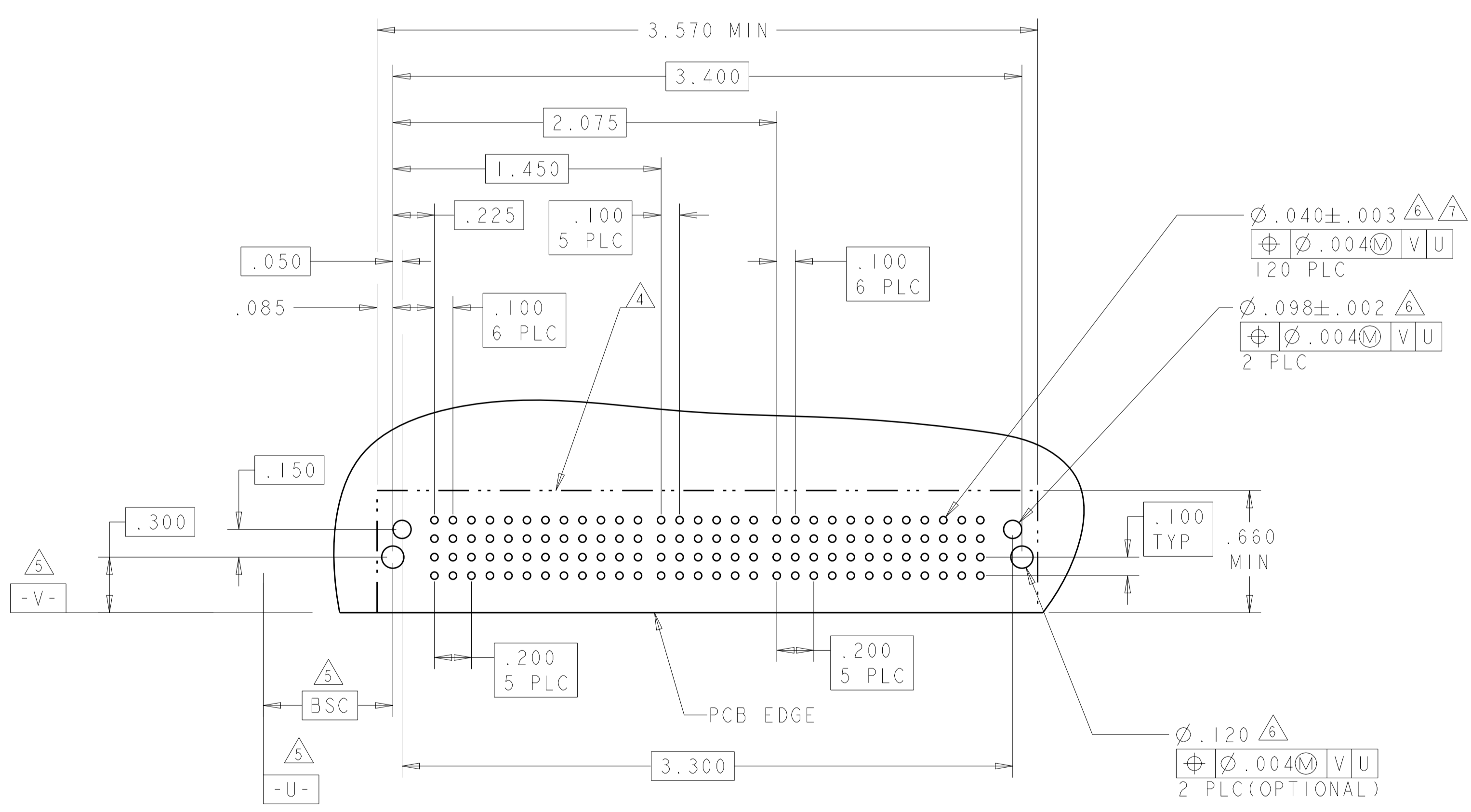
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: ALEX SHOAL 14DEC2007	CHK: Sunny Zhao 20DEC2007	TE Connectivity NAME: RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE PRODUCT SPEC: 108-2292 APPLICATION SPEC: 114-13251 WEIGHT: - SCALE: 1:1 SHEET 8 OF 16 REV H4
INCHES:	0 PLC ±.010 1 PLC ±.010 2 PLC ±.010 3 PLC ±.005 4 PLC ±.0050 ANGLES ±.0050	APV: Sunny Zhao 20DEC2007	APV: Sunny Zhao 20DEC2007	
MATERIAL:	FINISH:	SIZE: A100779	Customer Drawing	
		CAGE CODE: 6450840		

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

PART NUMBER	ROWS	POWER						SIGNAL						POWER											
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	P11	P12						
1-6450840-2	D	TT	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	TT	TT	TT	TT	TT	TT							
	C						Y5	Y5	Y5	Y5	Y5	Y5													
	B						R5	R5	R5	R5	R5	R5													
	A						O5	O5	O5	O5	O5	O5													
6HDP + 24S + 6HDP		HD																							

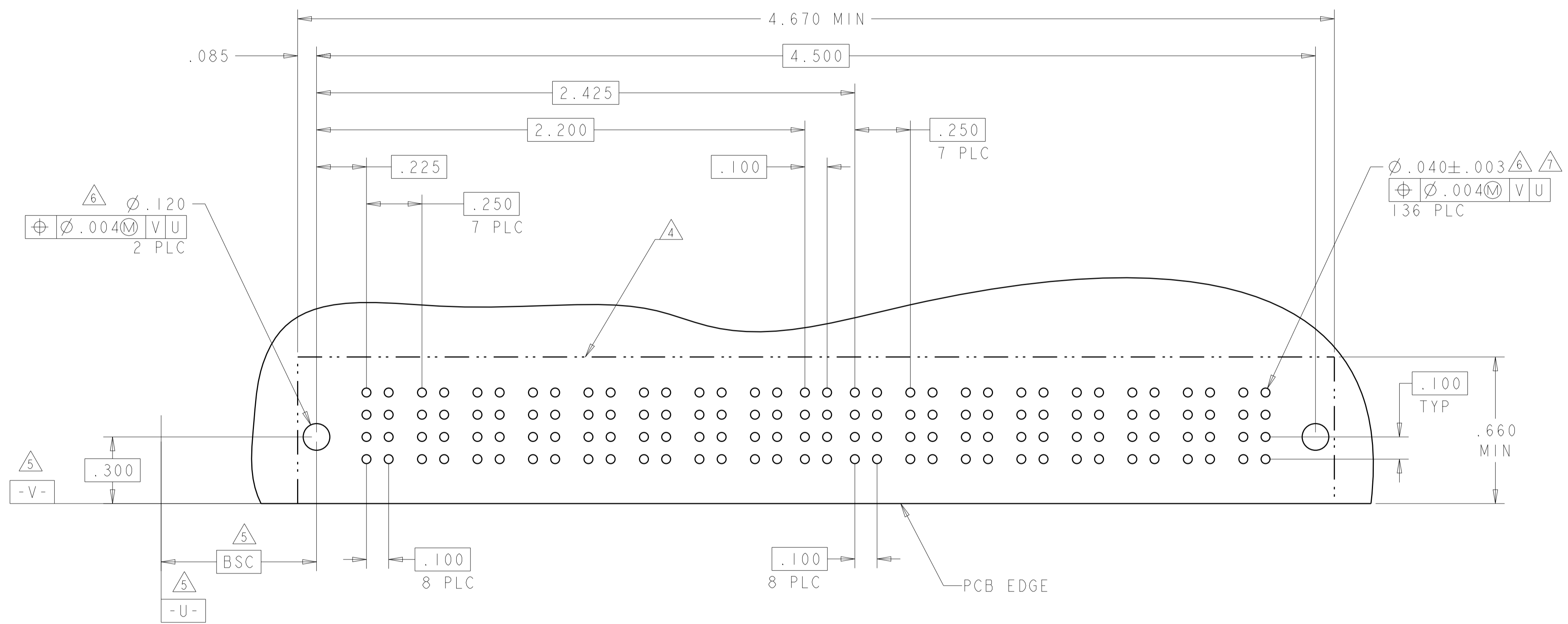
PART NUMBER	ROWS	LOW POWER																		SIGNAL						POWER	
		LP1	LP2	LP3	LP4	LP5	LP6	LP7	LP8	LP9	LP10	LP11	LP12	LP13	LP14	LP15	LP16	LP17	LP18	1	2	3	4	5	6	P1	P2
2-6450840-0	D	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	Z5	Z5	Z5	Z5	Z5	Z5	TT	TT
	C																			Y5	Y5	Y5	Y5	Y5	Y5		
	B																			R5	R5	R5	R5	R5	R5		
	A																			O5	O5	O5	O5	O5	O5		
18LP + 24S + 2P		HD																									



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: ALEX SHOAL 14DEC2007	
DIMENSIONS: INCHES		CHK: Sunny Zhao 20DEC2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: Sunny Zhao 20DEC2007	NAME: RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0050 ANGLES ±.0°		PRODUCT SPEC: 108-2292	SIZE: A100779
MATERIAL: -		APPLICATION SPEC: 114-13251	CAGE CODE: C=6450840
FINISH: -		WEIGHT: -	RESTRICTED TO: -
Customer Drawing		SCALE: 1:1	SHEET 9 OF 16 REV: H4

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

PART NUMBER	ROWS	POWER								SIGNAL		POWER							
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	P9	P10	P11	P12	P13	P14	P15	P16
1-6450840-6	D C B A	TT	TT	TT	TT	TT	TT	TT	TT	Z5	Z5	TT	TT	TT	TT	TT	TT	TT	TT
										Y5	Y5								
										R5	R5								
8P + 8S + 8P																			

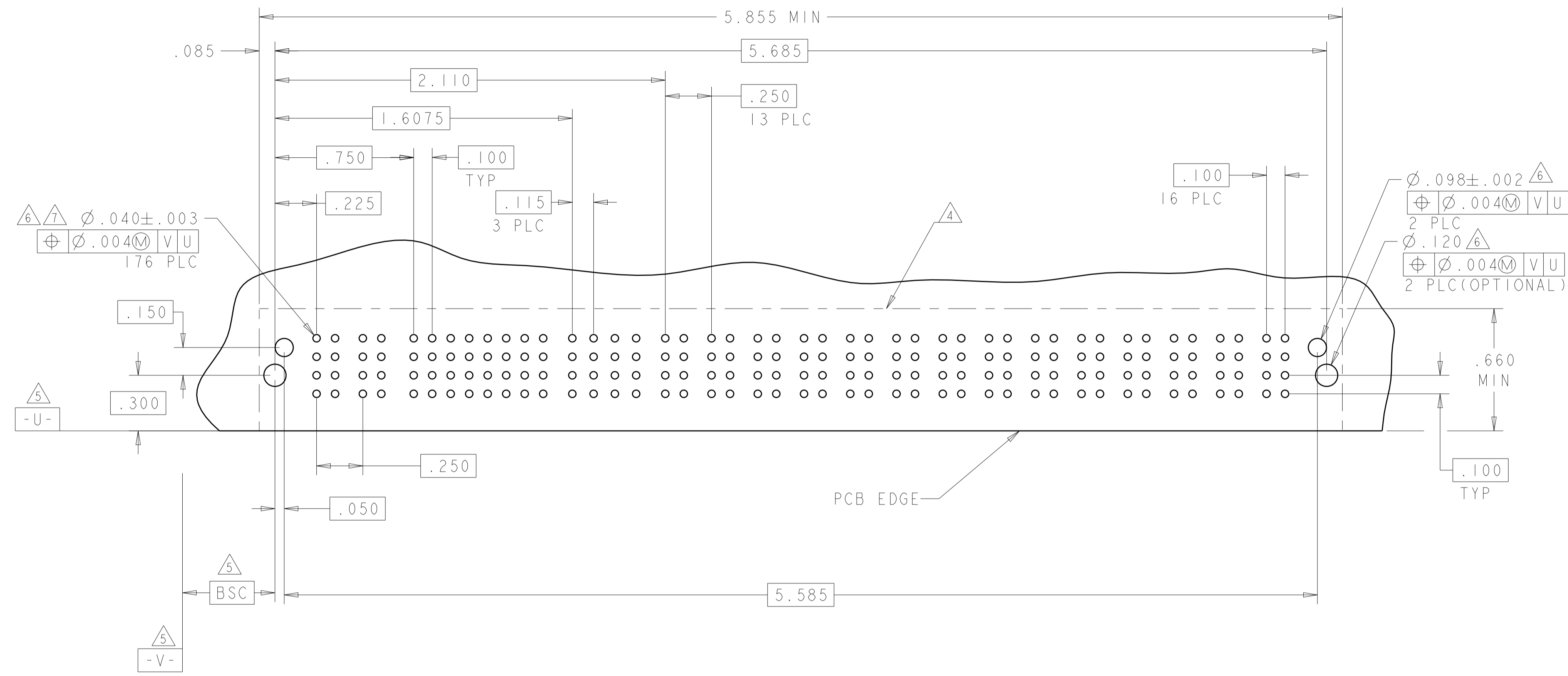


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN	ALEX SHOAL	14DEC2007	TE Connectivity
DIMENSIONS: INCHES		CHK	Sunny Zhao	20DEC2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0050 ANGLES ±7°		APVD	Sunny Zhao	20DEC2007	NAME
		PRODUCT SPEC		RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE	
MATERIAL		APPLICATION SPEC		RESTRICTED TO	
FINISH		114-13251		SIZE	
		WEIGHT		A100779C=6450840	
		Customer Drawing		SCALE 1:1 SHEET 10 OF 16 REV H4	

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

PART NUMBER	ROWS	POWER		SIGNAL								LOW POWER				POWER													
		P1	P2	1	2	3	4	5	6	7	8	LP1	LP2	LP3	LP4	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16
2-6450840-1	D	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	LT	LT	LT	LT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT
	C			Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5																		
	B	HD	R5	R5	R5	R5	R5	R5	R5	R5	R5	HD																	
	A		O5	O5	O5	O5	O5	O5	O5	O5																			

2P + 32S + 4LP + 14P



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: ALEX SHOAL 14DEC2007	CHK: Sunny Zhao 20DEC2007	APVD: Sunny Zhao 20DEC2007	NAME: RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC: 108-2292	APPLICATION SPEC: 114-13251
0 PLC ±	1 PLC ±.01	2 PLC ±.01	3 PLC ±.005
4 PLC ±.0050	ANGLES ±.2°	WEIGHT: -	RESTRICTED TO: -
MATERIAL: -	FINISH: -	SCALE: 1:1	SHEET 11 OF 16

Customer Drawing

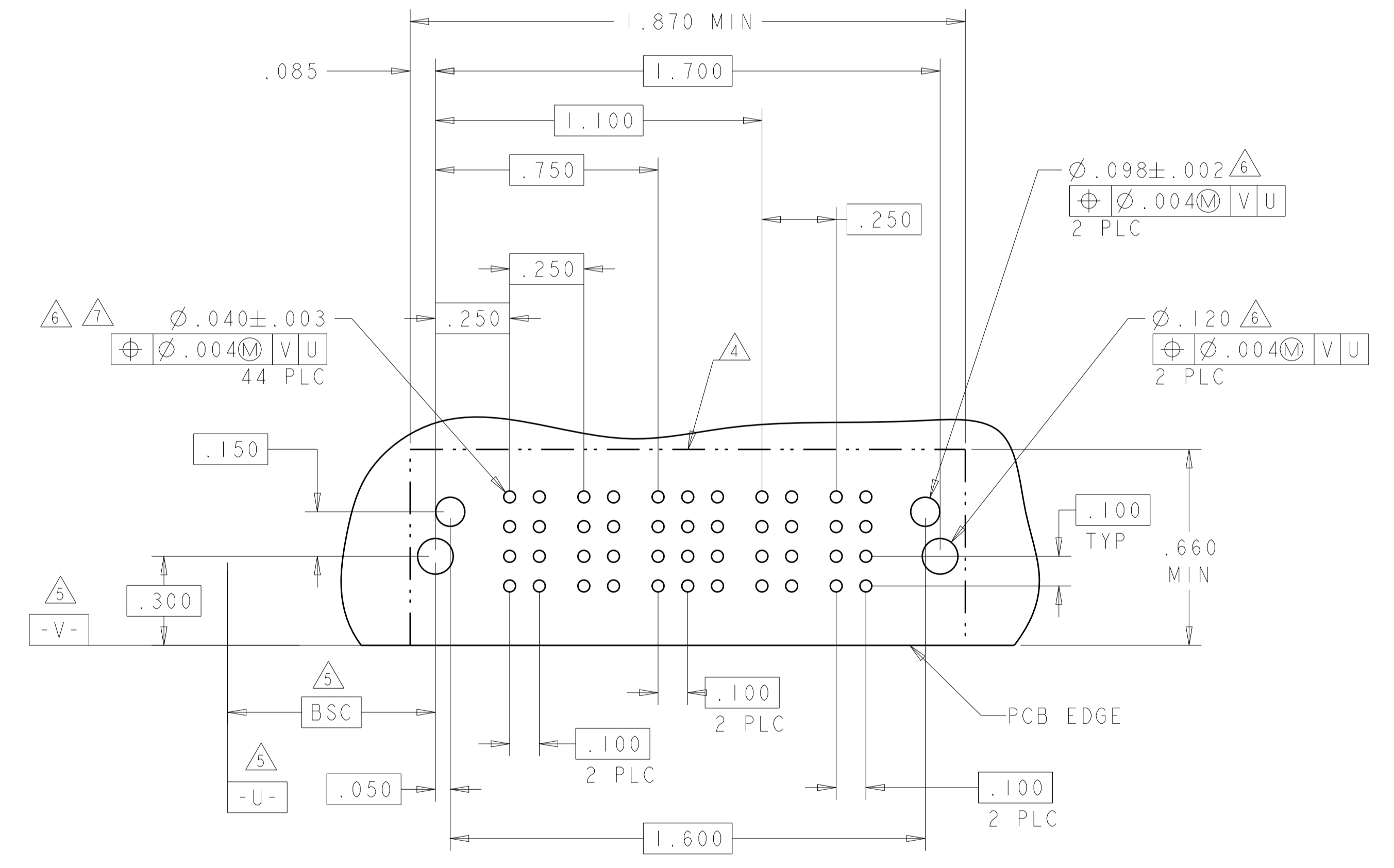
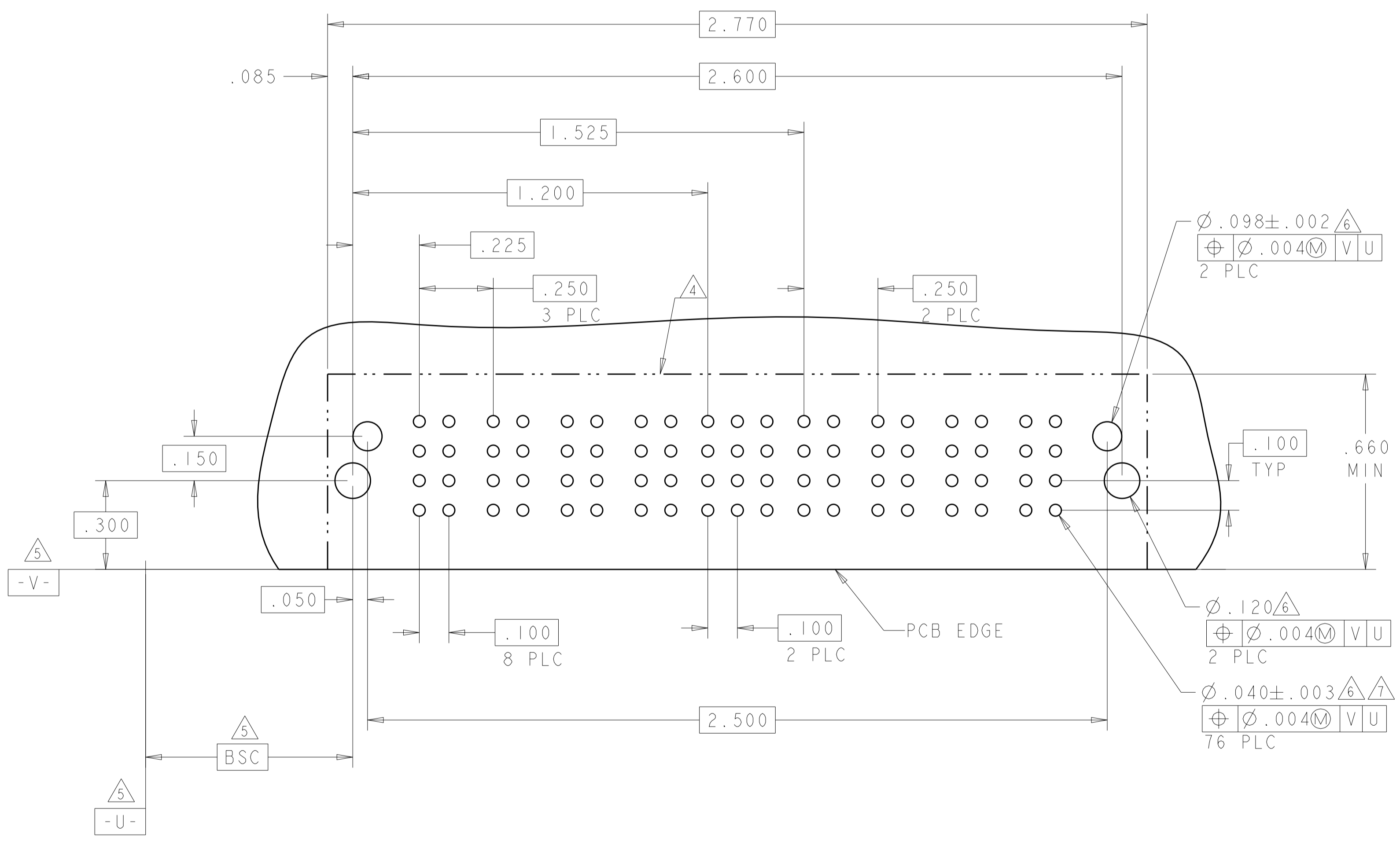
LOC		DIST		REVISIONS			
ES	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1			

PART NUMBER	ROWS	POWER				SIGNAL			POWER			
		P1	P2	P3	P4	1	2	3	P5	P6	P7	P8
2-6450840-2	D					Z5	Z5	Z5				
	C	TT	TT	TT	TT	Y5	Y5	Y5	TT	TT	TT	TT
	B					R5	R5	R5				
	A	HD				O5	O5	O5				HD

4P + 12S + 4P

PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P1	P2	1	2	3	4	P3	P4
2-6450840-5	D			Z5	Z5	Z5			
	C	TT	TT	Y5	Y5	Y5			
	B			R5	R5	R5			
	A	HD		O5	O5	O5			HD

2P + 16S + 2P

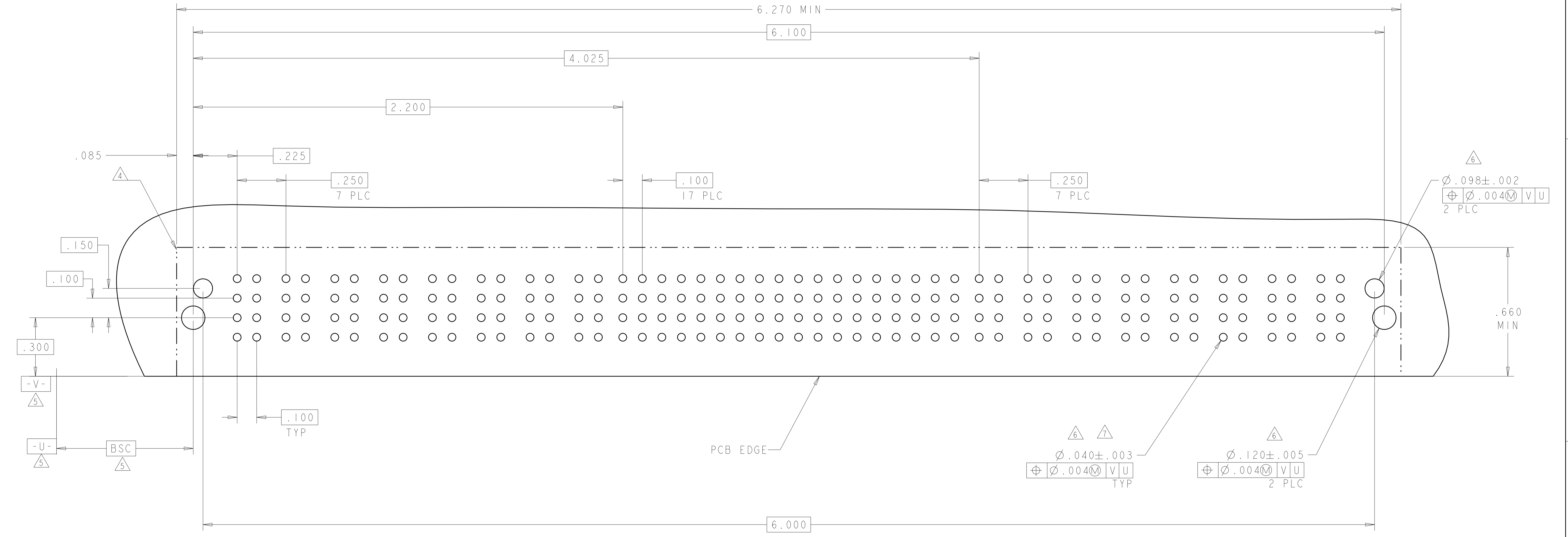


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: ALEX SHOAL 14DEC2007	TE Connectivity
DIMENSIONS: INCHES		CHK: Sunny Zhao 20DEC2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0050 ANGLES ±.0°		APVD: Sunny Zhao 20DEC2007 PRODUCT SPEC: 108-2292 APPLICATION SPEC: 114-13251 WEIGHT: -	NAME: RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE SIZE: A100779 CAGE CODE: C=6450840 RESTRICTED TO: -
MATERIAL: -		Customer Drawing	
SCALE: 1:1		SHEET 12 OF 16	

LOC	DIST	REVISIONS			
		REV	DATE	BY	APPV
ES	00	1			
		2	SEE SHEET 1		

G8

PART NUMBER	ROWS	HD	POWER								SIGNAL																		POWER								HD																
			P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	P9	P10	P11	P12	P13	P14	P15	P16																	
2-6450840-3	D C B A	HD	TT	TT	TT	TT	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	TT	TT	TT	TT	TT	TT	TT	TT								
			TT	TT	TT	TT	TT	TT	TT	TT	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	TT	TT	TT	TT	TT	TT	TT	TT		
			TT	TT	TT	TT	TT	TT	TT	TT	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	TT	TT	TT	TT	TT	TT	TT	TT
			TT	TT	TT	TT	TT	TT	TT	TT	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	TT	TT	TT	TT	TT	TT	TT

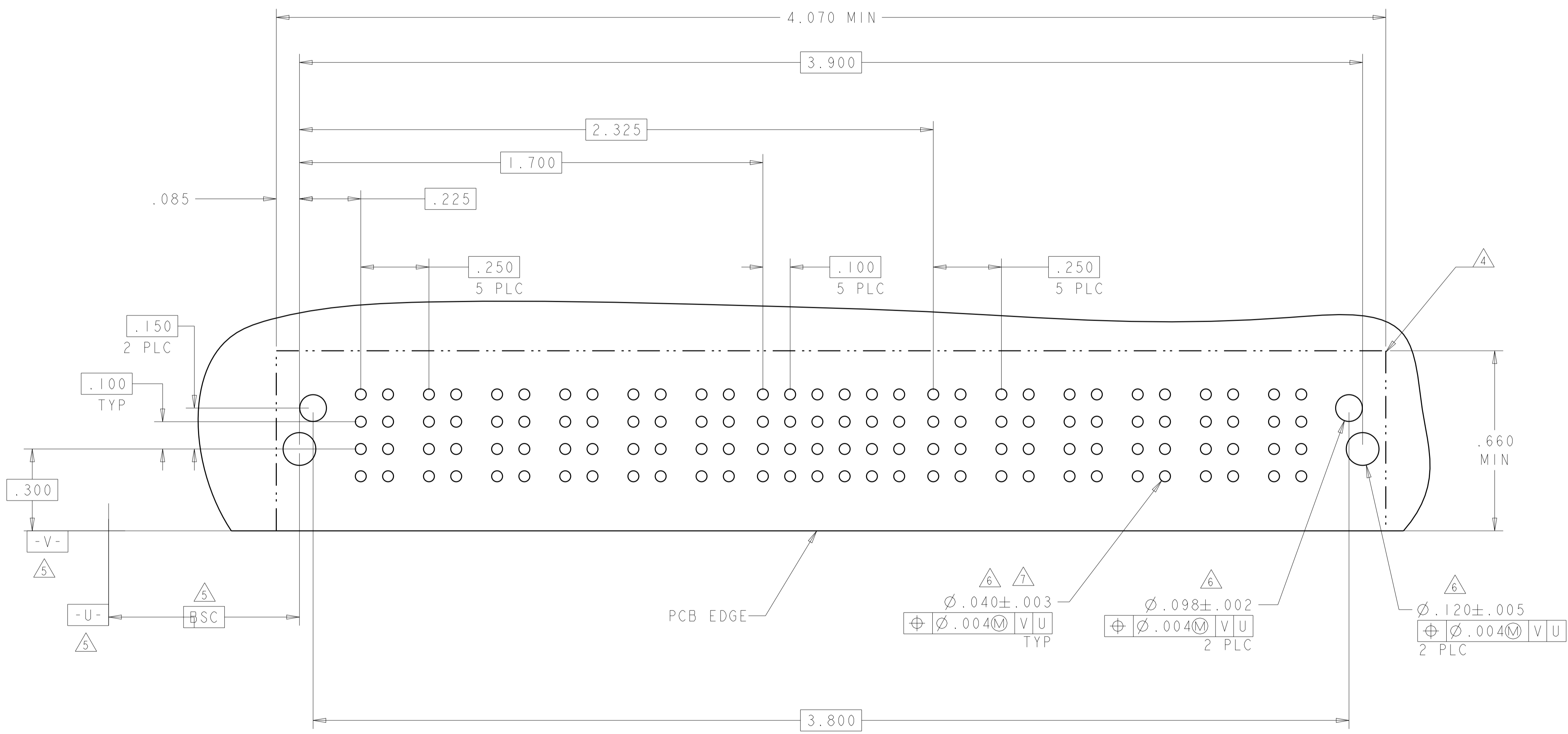


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN ALEX SHOAL 20DEC2007	STE TE Connectivity									
DIMENSIONS: INCHES		CHE Sunny Zhao 20DEC2007	NAME RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE									
<table border="1"> <tr><th>TOLERANCES UNLESS OTHERWISE SPECIFIED:</th></tr> <tr><td>0 PLC ±.</td></tr> <tr><td>2 PLC ±.01</td></tr> <tr><td>3 PLC ±.005</td></tr> <tr><td>4 PLC ±.0050</td></tr> <tr><td>ANGLES ±.01°</td></tr> <tr><td>FINISH -</td></tr> </table>		TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ±.	2 PLC ±.01	3 PLC ±.005	4 PLC ±.0050	ANGLES ±.01°	FINISH -	APVD Sunny Zhao 20DEC2007	PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 WEIGHT Customer Drawing		
TOLERANCES UNLESS OTHERWISE SPECIFIED:												
0 PLC ±.												
2 PLC ±.01												
3 PLC ±.005												
4 PLC ±.0050												
ANGLES ±.01°												
FINISH -												
MATERIAL		SIZE A100779	CAGE CODE C=6450840		RESTRICTED TO							
SCALE 1:1		SHEET 13	OF 16	REV H4								

LOC	DIST	REVISIONS			
		REV	DATE	BY	APPD
ES	00	-	-	-	-
		SEE SHEET 1			

PART NUMBER	ROWS	POWER						SIGNAL						POWER					
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	P11	P12
2-6450840-7	D							Z5	Z5	Z5	Z5	Z5	Z5						
	C							Y5	Y5	Y5	Y5	Y5	Y5						
	B							R5	R5	R5	R5	R5	R5						
	A	HD						O1	O5	O5	O5	O5	O5						
6P + 24S + 6P																			

G7

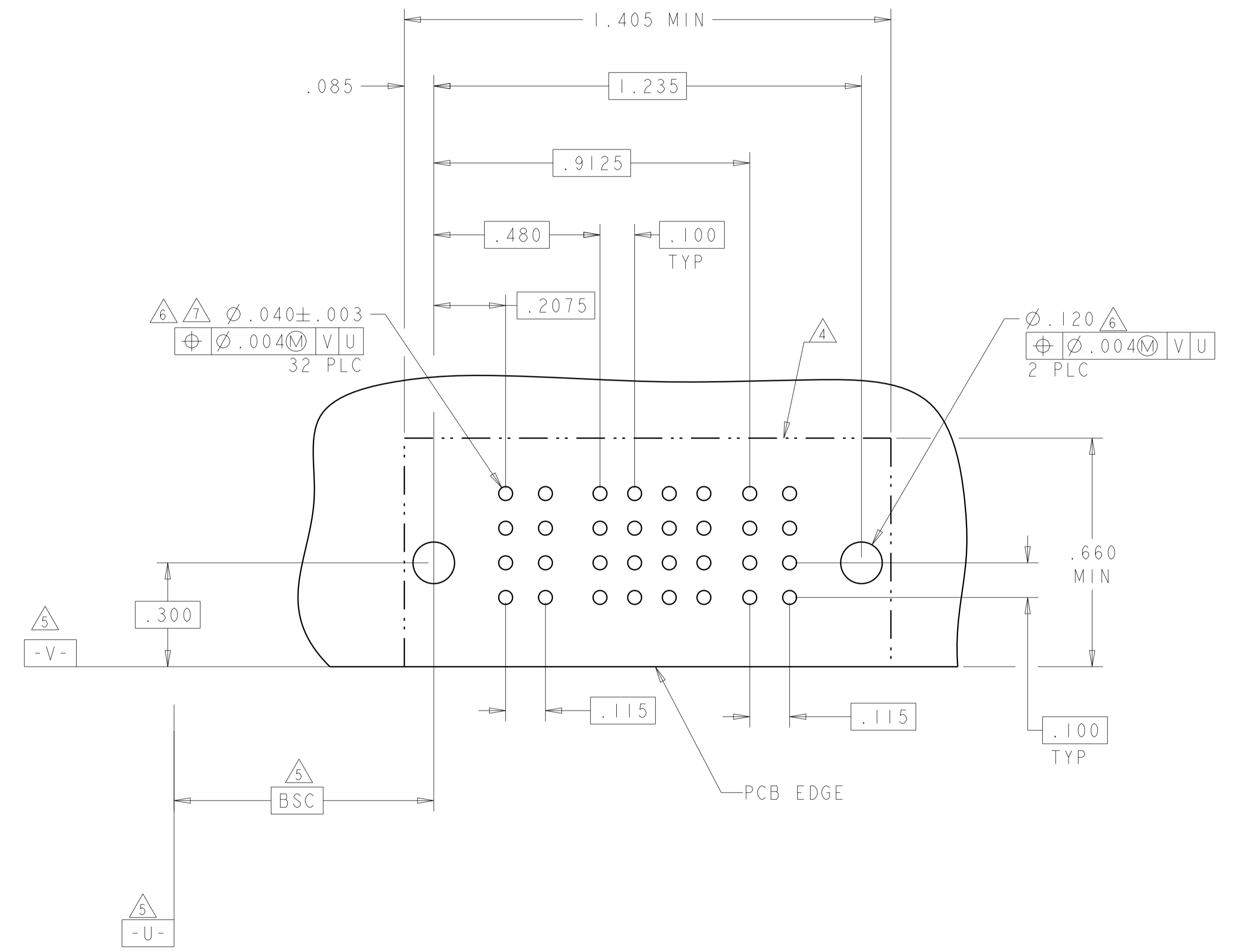
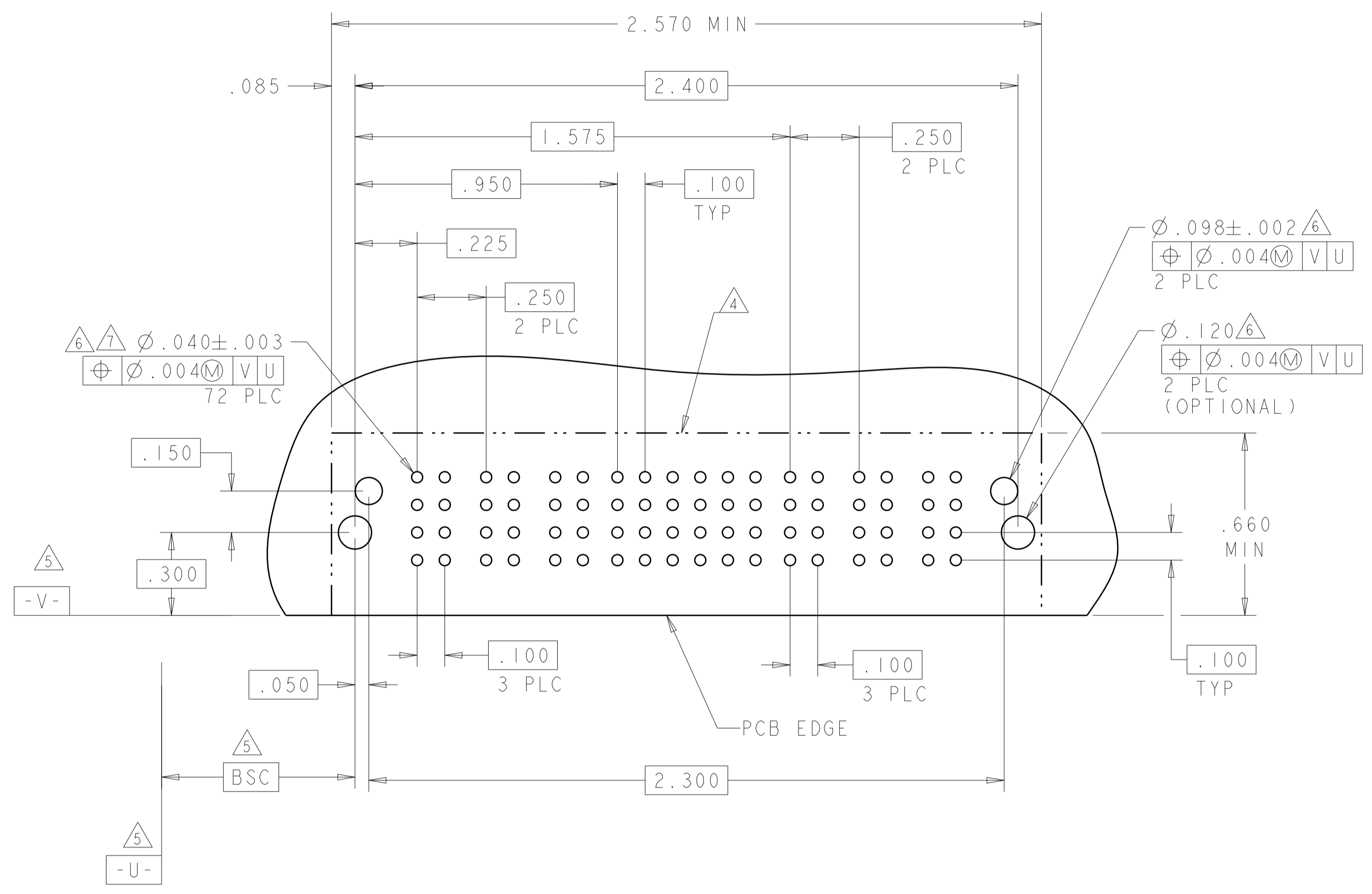


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: ALEX SHOAL 14DEC2007													
DIMENSIONS: INCHES		CHK: Sunny Zhao 20DEC2007													
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: Sunny Zhao 20DEC2007	NAME: RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE												
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±.01</td></tr> <tr><td>2 PLC</td><td>±.01</td></tr> <tr><td>3 PLC</td><td>±.005</td></tr> <tr><td>4 PLC</td><td>±.0050</td></tr> <tr><td>ANGLES</td><td>±2°</td></tr> </table>		0 PLC	±	1 PLC	±.01	2 PLC	±.01	3 PLC	±.005	4 PLC	±.0050	ANGLES	±2°	PRODUCT SPEC: 108-2292	SIZE: A1
0 PLC	±														
1 PLC	±.01														
2 PLC	±.01														
3 PLC	±.005														
4 PLC	±.0050														
ANGLES	±2°														
MATERIAL: -		APPLICATION SPEC: 114-13251	CAGE CODE: C=6450840												
FINISH: -		WEIGHT: -	RESTRICTED TO: -												
Customer Drawing		SCALE: 1:1	SHEET 14 OF 16 REV: H4												

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

PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
2-6450840-9	D				Z5	Z5	Z5	Z5	Z5	Z5			
	C				Y5	Y5	Y5	Y5	Y5	Y5			
	B				R5	R5	R5	R5	R5	R5			
	A				O1	O5	O5	O5	O5	O5			
3P + 24S + 3P													

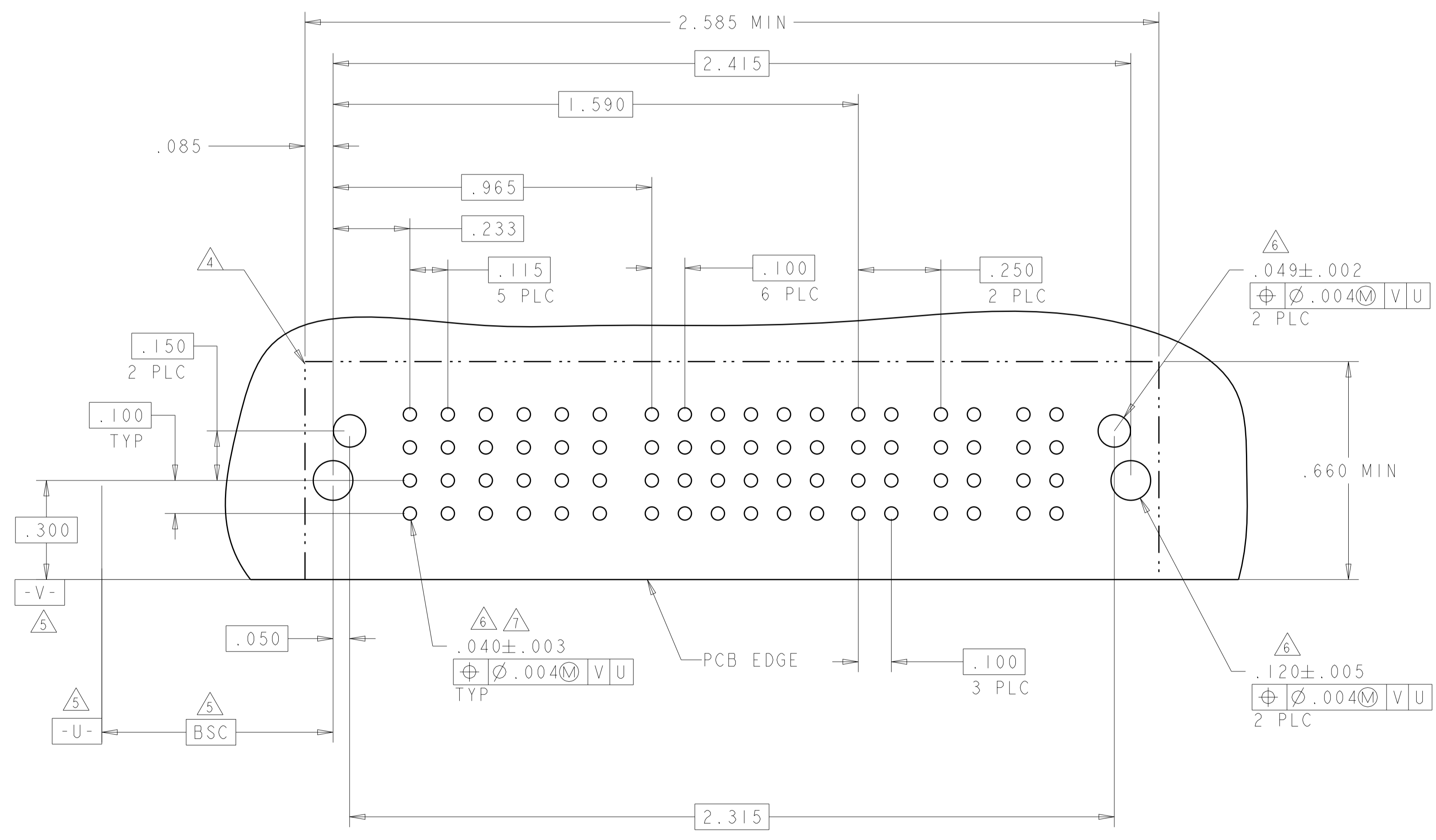
PART NUMBER	ROWS	LOW POWER		SIGNAL				LOW POWER	
		LP1	LP2	1	2	3	4	LP3	LP4
3-6450840-1	D			Z1	Z5	Z5	Z5		
	C			Y5	Y5	Y5	Y5		
	B			R5	R5	R5	R5		
	A			O5	O5	O5	O5		
2LP + 16S + 2LP									



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DIMENSIONS: INCHES		CHK	Sunny Zhao	20DEC2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	Sunny Zhao	20DEC2007	NAME RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
0 PLC ± .01		PRODUCT SPEC			
1 PLC ± .01		APPLICATION SPEC	108-2292		
2 PLC ± .005		SIZE	114-13251		
3 PLC ± .005		WEIGHT			RESTRICTED TO
4 PLC ± .0050		Customer Drawing	A100779	C=6450840	
ANGLES ± .2°		SCALE	1:1	SHEET 15 OF 16	REV H4
FINISH					

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

PART NUMBER	ROWS	POWER						SIGNAL						POWER			
		LP1	LP2	LP3	LP4	LP5	LP6	1	2	3	4	5	6	P1	P2	P3	
3-6450840-3	D C B A		LT	LT	LT	LT	LT	LT	Z5	Z5	Z5	Z5	Z5	Z5	TT	TT	TT
			Y5	Y5	Y5	Y5	Y5	Y5	R5	R5	R5	R5	R5	R5			
			O5	O5	O5	O5	O5	O5									
6LP + 24S + 3P																	



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DIMENSIONS: INCHES		CHK	Sunny Zhao	20DEC2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0050 ANGLES ±.7° FINISH		APVD	Sunny Zhao	20DEC2007	NAME
MATERIAL		PRODUCT SPEC		108-2292	RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
		APPLICATION SPEC		114-13251	SIZE
		WEIGHT			A100779
		Customer Drawing		SCALE	1:1 SHEET 16 OF 16 REV H4