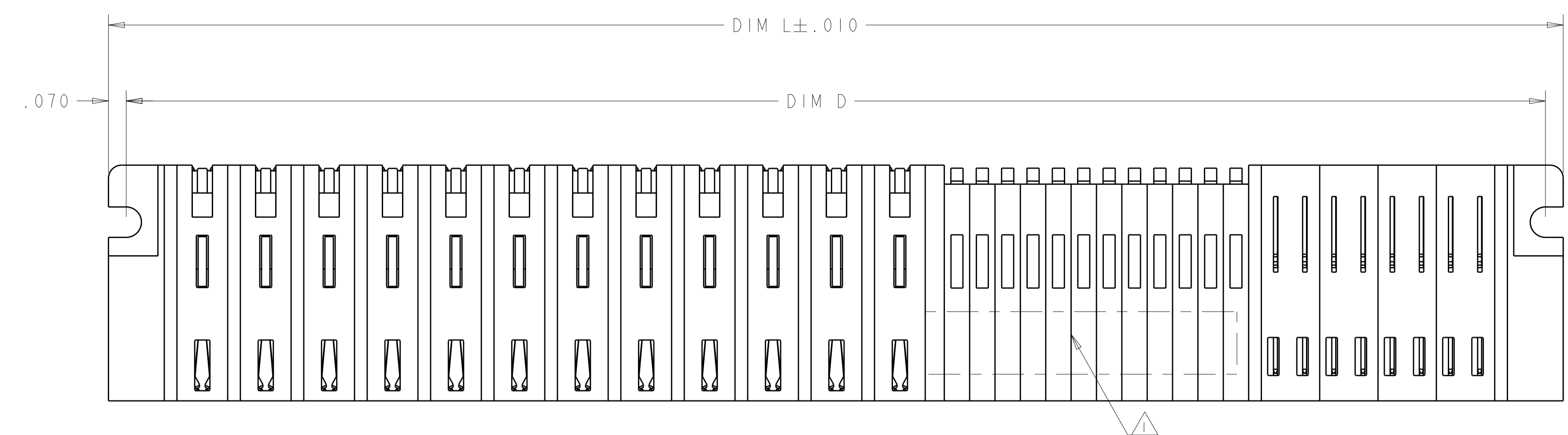
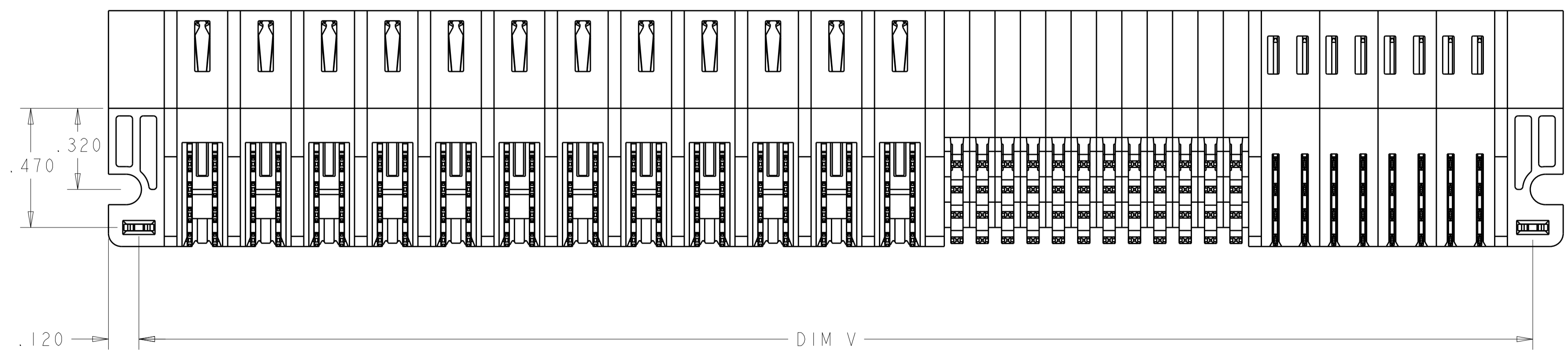
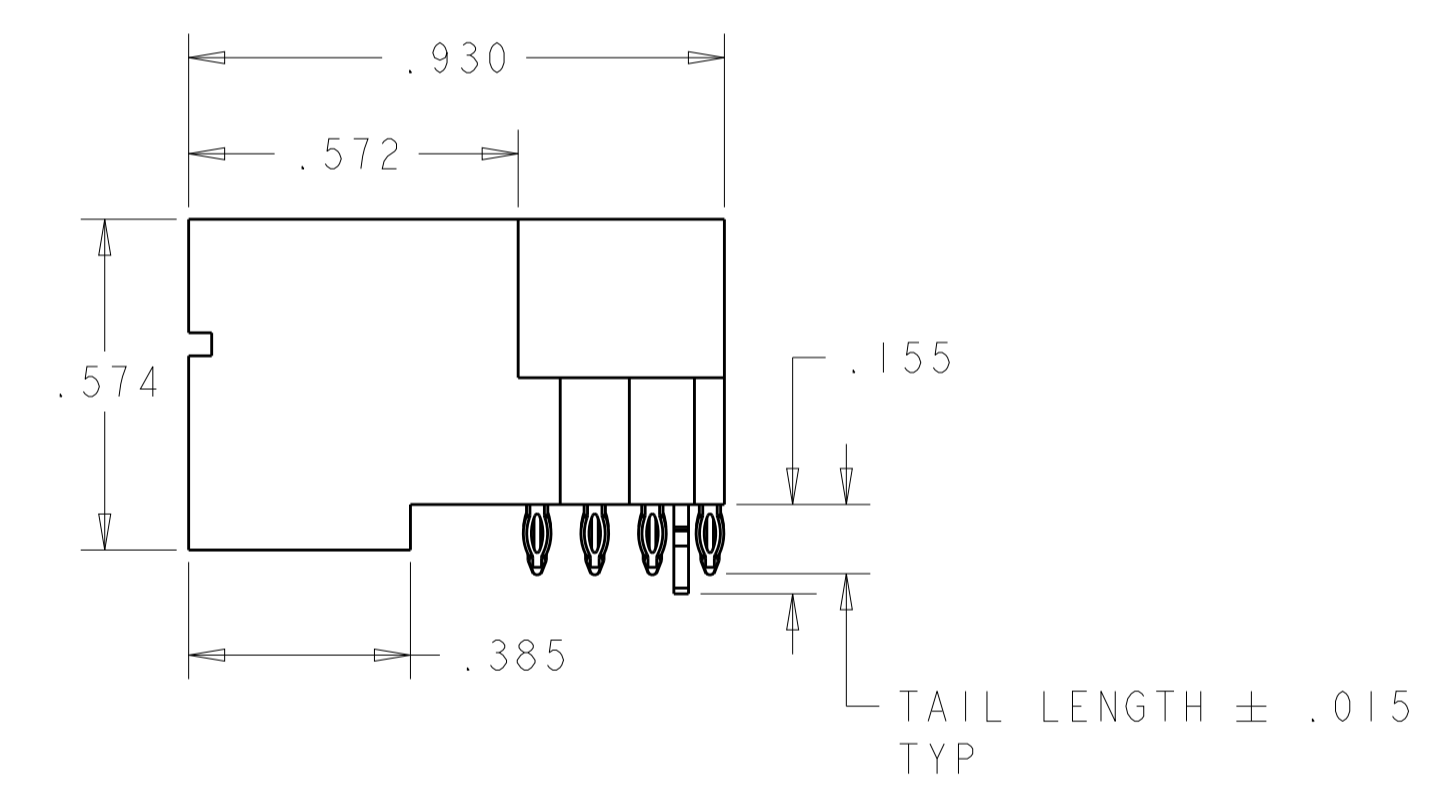
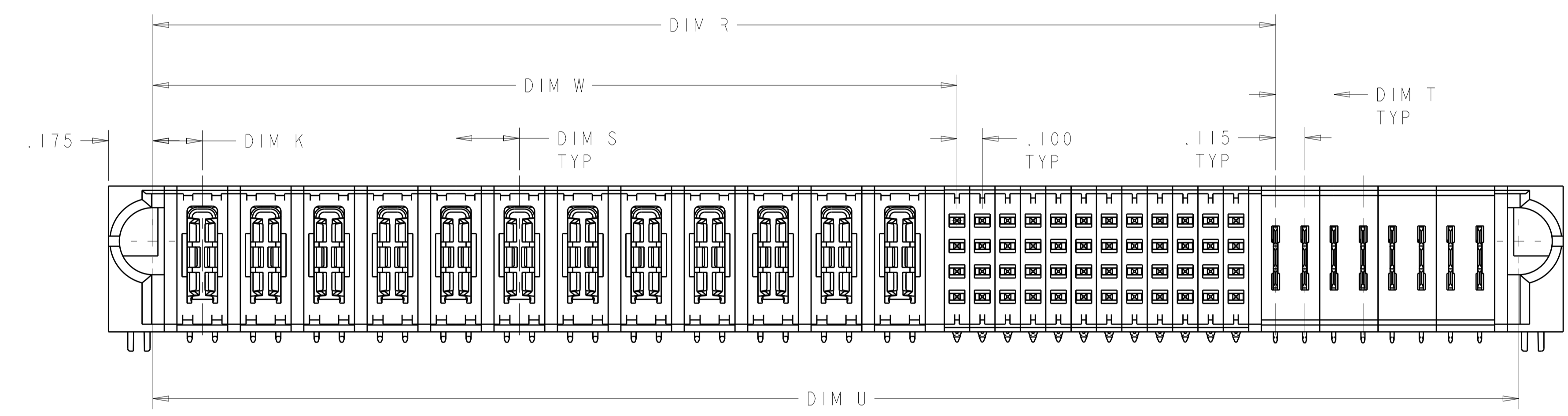


LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	APVD
ES	00	G9		ADD NEW DASH NUMBER 2-9	04MAY2012	CZ	SZ
		H2		REV PER ECR-12-020199	22NOV2012	CZ	SZ
		H4		ADDED THE NEW DASH NUMBER -33	28DEC2012	ML	SZ



- 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.


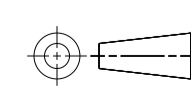


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ALEX SHOAL CHK Sunny Zhao	14DEC2007 20DEC2007		NAME RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE																																
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:			PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251																																
<table border="1"> <tr><td>0 PLC</td><td>±</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>±.07°</td></tr> </table>		0 PLC	±	2 PLC	±.01	3 PLC	±.005	4 PLC	±.0050	ANGLES	±.07°	<table border="1"> <tr><td>APVD</td><td>Sunny Zhao</td></tr> <tr><td>DATE</td><td>20DEC2007</td></tr> <tr><td>SIZE</td><td>A1</td></tr> <tr><td>WEIGHT</td><td>-</td></tr> <tr><td>FINISH</td><td>3</td></tr> </table>		APVD	Sunny Zhao	DATE	20DEC2007	SIZE	A1	WEIGHT	-	FINISH	3	<table border="1"> <tr><td>CAGE CODE</td><td>6450840</td></tr> <tr><td>DRAWING NO</td><td>100779</td></tr> <tr><td>SCALE</td><td>4:1</td></tr> <tr><td>SHEET</td><td>1</td></tr> <tr><td>OF</td><td>16</td></tr> <tr><td>REV</td><td>H4</td></tr> </table>		CAGE CODE	6450840	DRAWING NO	100779	SCALE	4:1	SHEET	1	OF	16	REV	H4
0 PLC	±																																				
2 PLC	±.01																																				
3 PLC	±.005																																				
4 PLC	±.0050																																				
ANGLES	±.07°																																				
APVD	Sunny Zhao																																				
DATE	20DEC2007																																				
SIZE	A1																																				
WEIGHT	-																																				
FINISH	3																																				
CAGE CODE	6450840																																				
DRAWING NO	100779																																				
SCALE	4:1																																				
SHEET	1																																				
OF	16																																				
REV	H4																																				
MATERIAL: 2		FINISH: 3		Customer Drawing		RESTRICTED TO																															

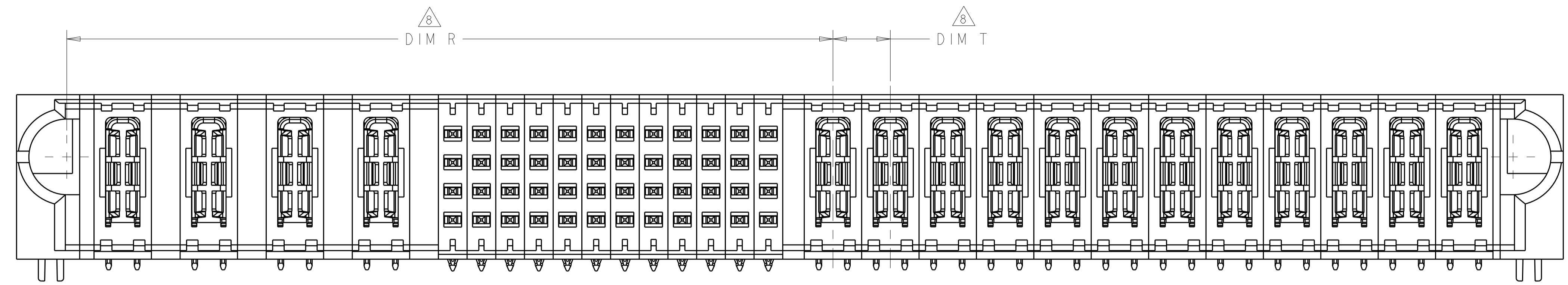
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20  
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LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	APVD
ES	00	-		SEE SHEET 1	-	-	-

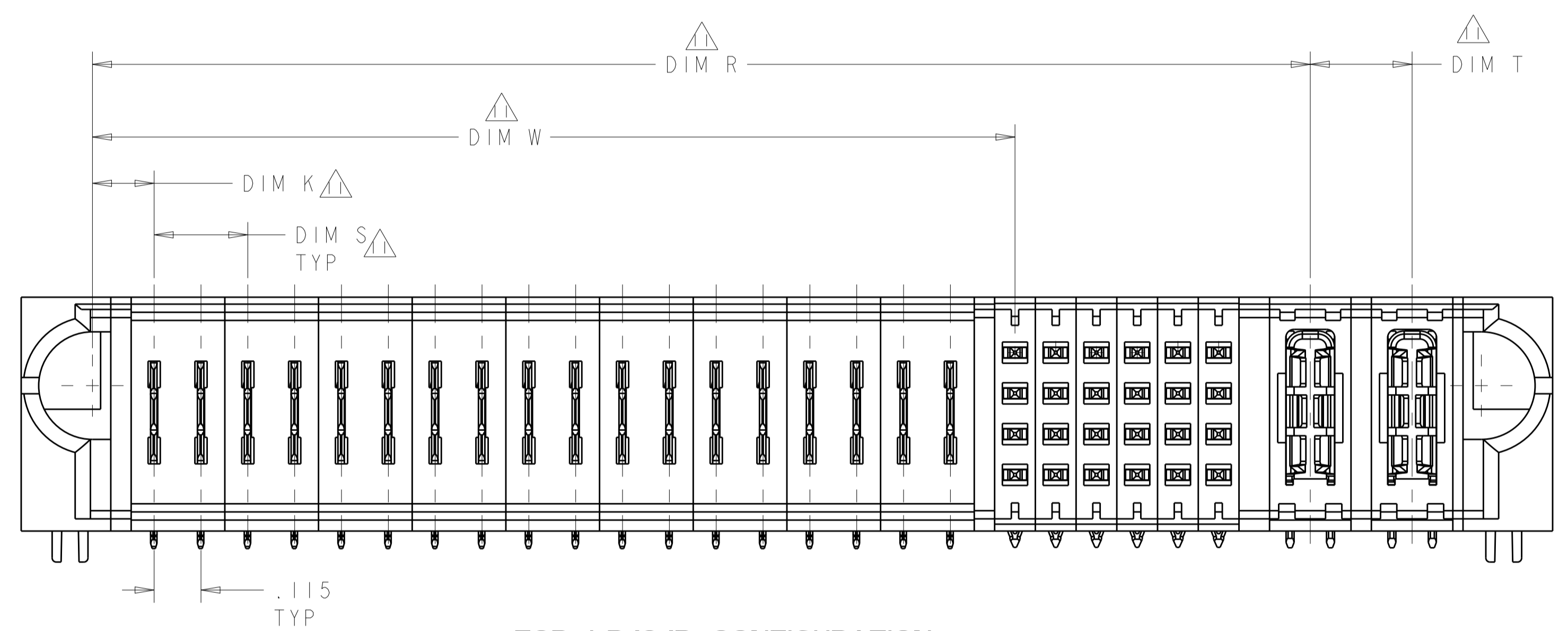
H3	.250	2.315	1.535	.860	2.205	.230	2.415	2.555	.1275	6LP + 24S + 3P	3-6450840-3
H2	-	1.135	.8075	.375	1.025	-	1.235	1.375	.1025	2LP + 16S + 2LP	3-6450840-1
	.250	2.300	1.520	.845	2.190	.250	2.400	2.540	.170	3P + 24S + 3P	2-6450840-9
	.250	3.800	2.270	1.595	3.690	.250	3.900	4.040	.170	6P + 24S + 6P	2-6450840-7
	.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
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0050 ANGLES ±.0°	APVD Sunny Zhao Z0DEC2007	
		MATERIAL	PRODUCT SPEC 108-2292	RESTRICTED TO
FINISH		WEIGHT	APPLICATION SPEC 114-13251	SIZE A100779
Customer Drawing		SCALE 1:1	DRAWING NO 6450840	SHEET 2 OF 16
				REV H4

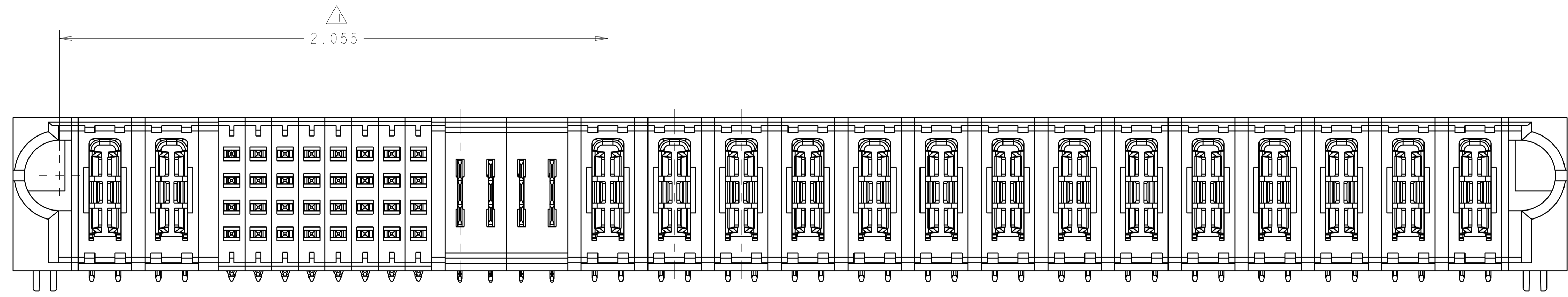
LOC		DIST		REVISIONS			
ES	00	P	LTH	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1			




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



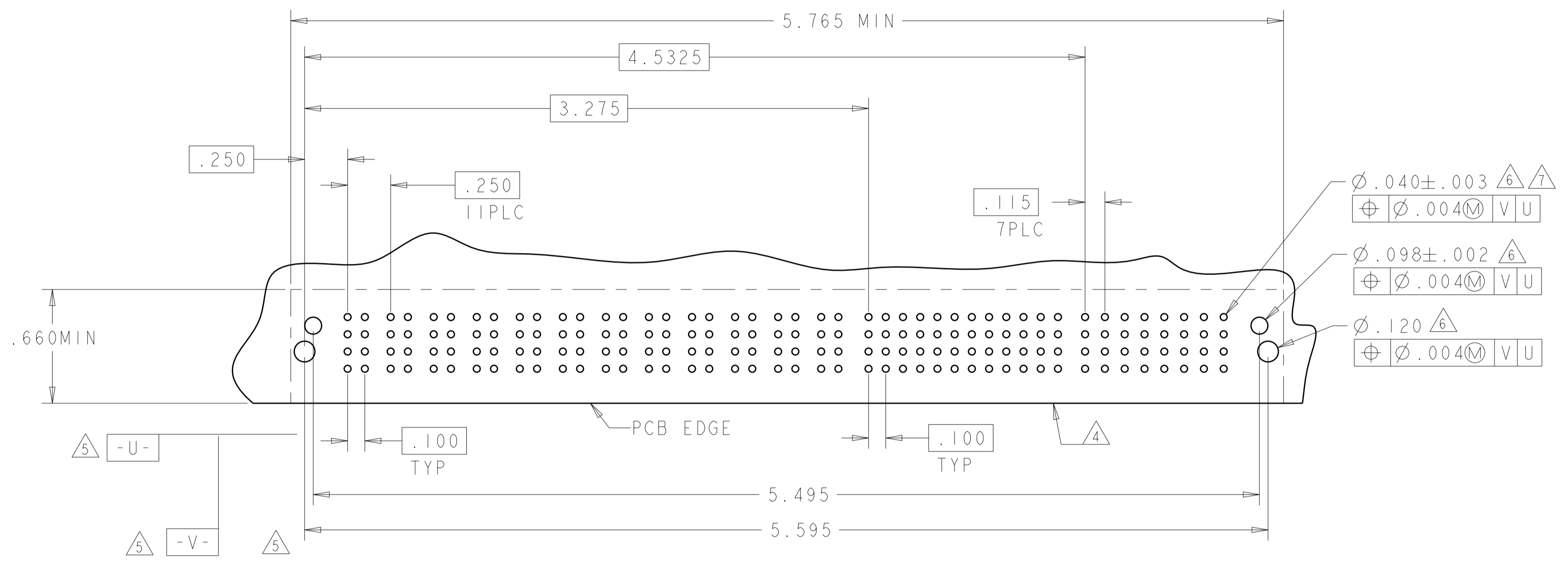
FOR PART 2-6450840-1 ONLY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: 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: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0050 ANGLES ±.0°		APVD: Sunny Zhao 20DEC2007	
MATERIAL: - FINISH: -		PRODUCT SPEC: 108-2292 APPLICATION SPEC: 114-13251 WEIGHT: - Customer Drawing	
		SIZE: A1	CAGE CODE: 6450840 SCALE: 1:1 SHEET: 3 OF 16 REV: H4

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

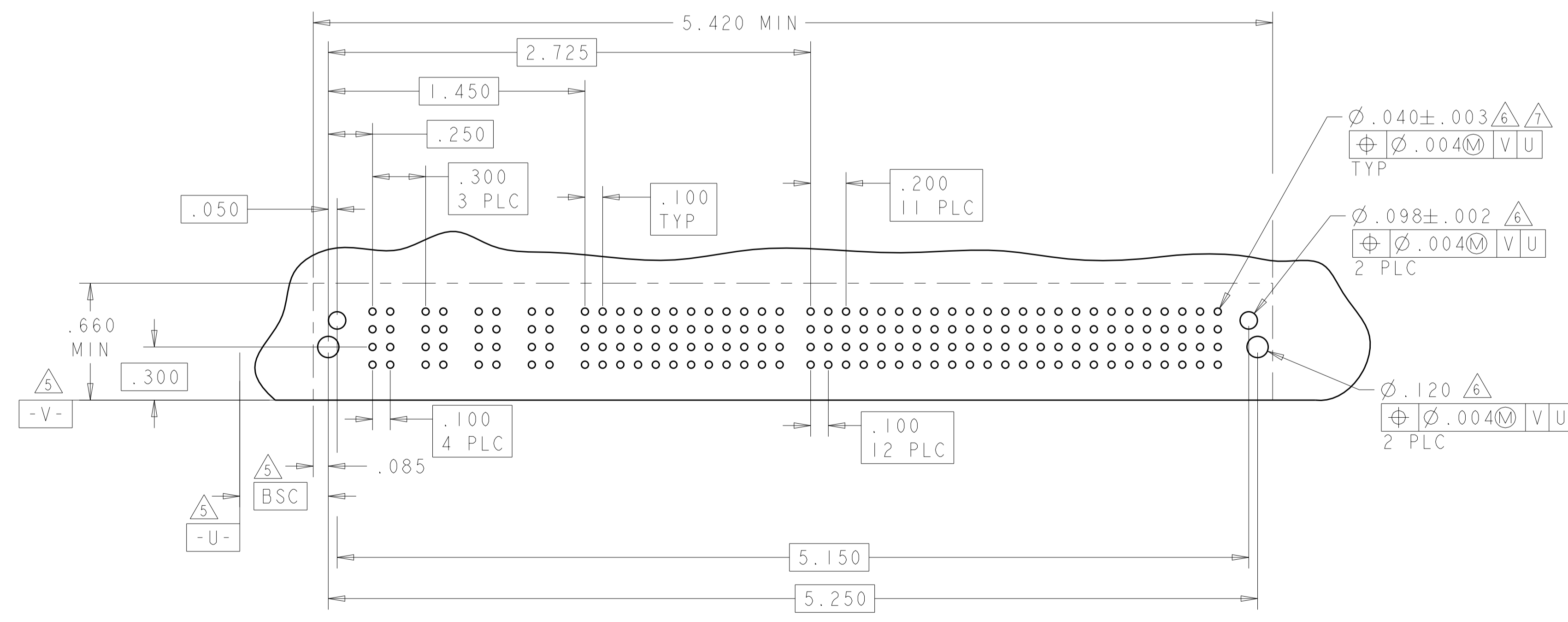
PART NUMBER	ROWS	POWER												SIGNAL												POWER								
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4	5	6	7	8	9	10	11	12	LP1	LP2	LP3	LP4	LP5	LP6	LP7	LP8	
6450840-3	D													Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5											
	C													Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5											
	B	TT	TT	TT	TT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

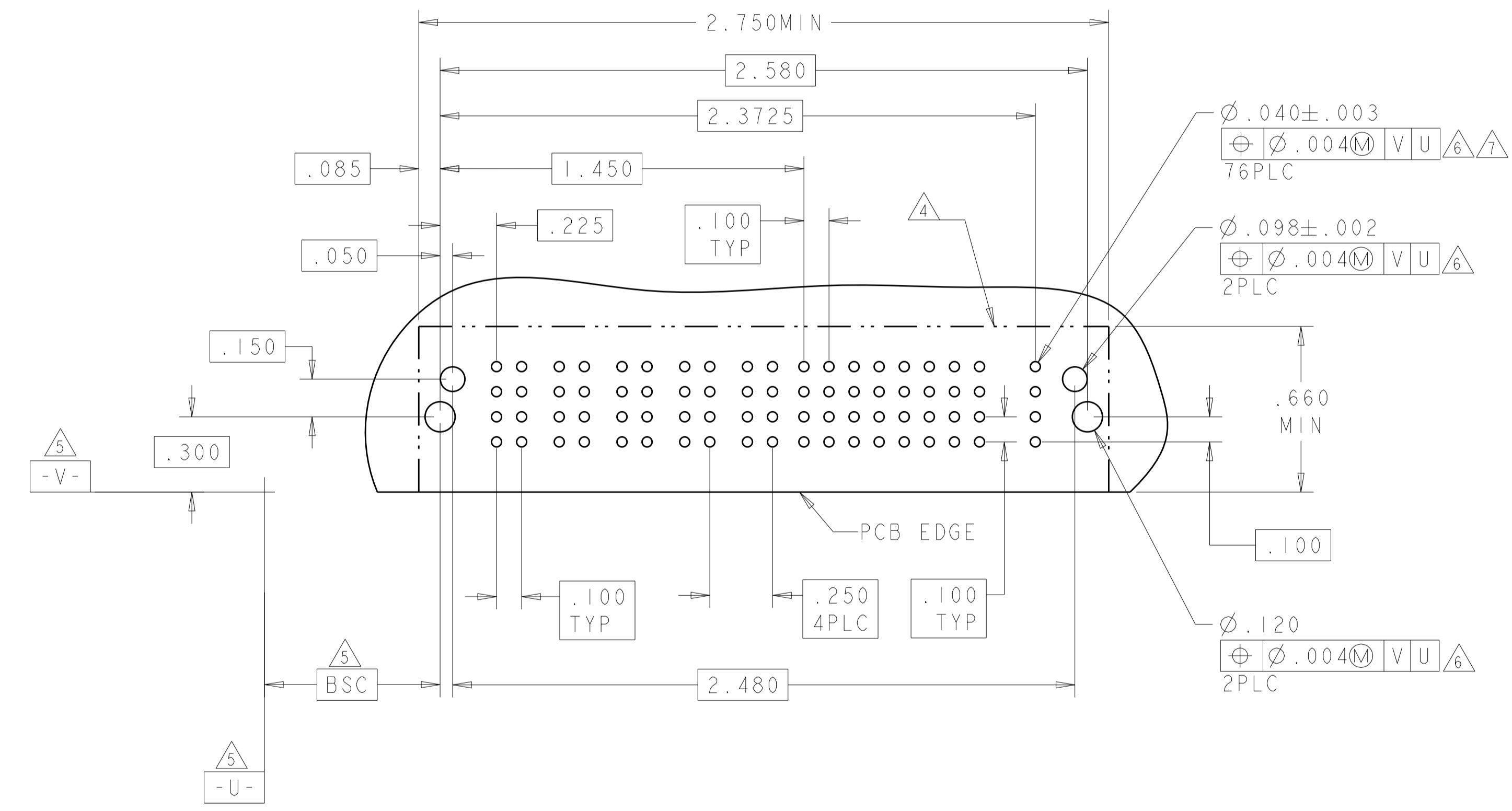
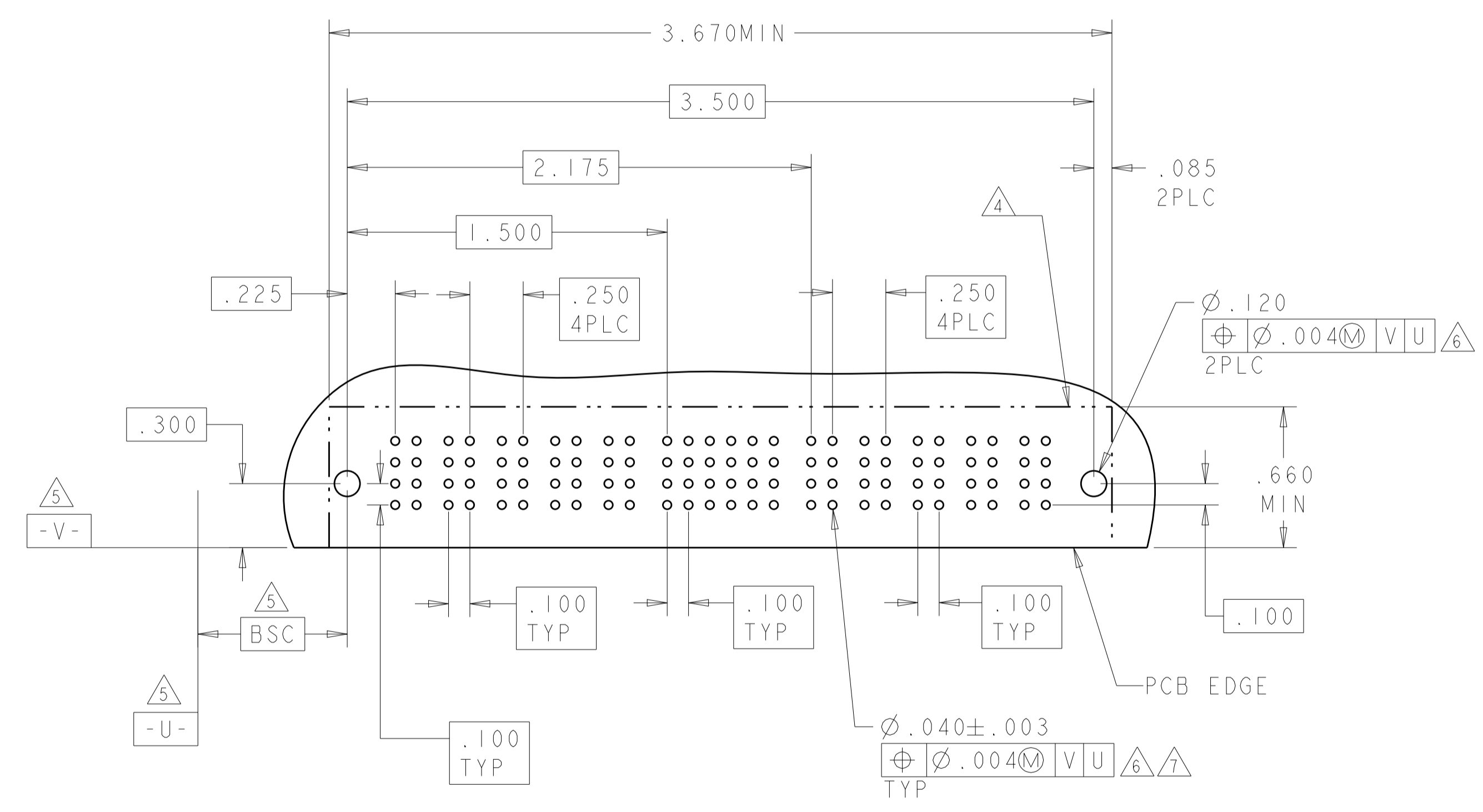
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: ALEX SHOAL 14DEC2007	<b>TE</b> TE Connectivity
DIMENSIONS: INCHES		CHK: Sunny Zhao 20DEC2007	
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: Sunny Zhao 20DEC2007	<b>RIGHT ANGLE HEADER</b> <b>W/ LP CONTACT AND SHORT END MODULES</b> <b>MULTI-BEAM XLE</b>
	0 PLC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

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	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	TT	TT	TT	TT	TT	R5	R5	R5	R5	R5	R5	TT	TT	TT	TT	TT
	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	TT	TT	TT	TT	TT	R5	R5	R5	R5	R5	R5	R5	R5	LT	
	A	HD					O5	O5	O5	O5	O5	O5	O5	O5		HD
5P + 32S + 2LP																

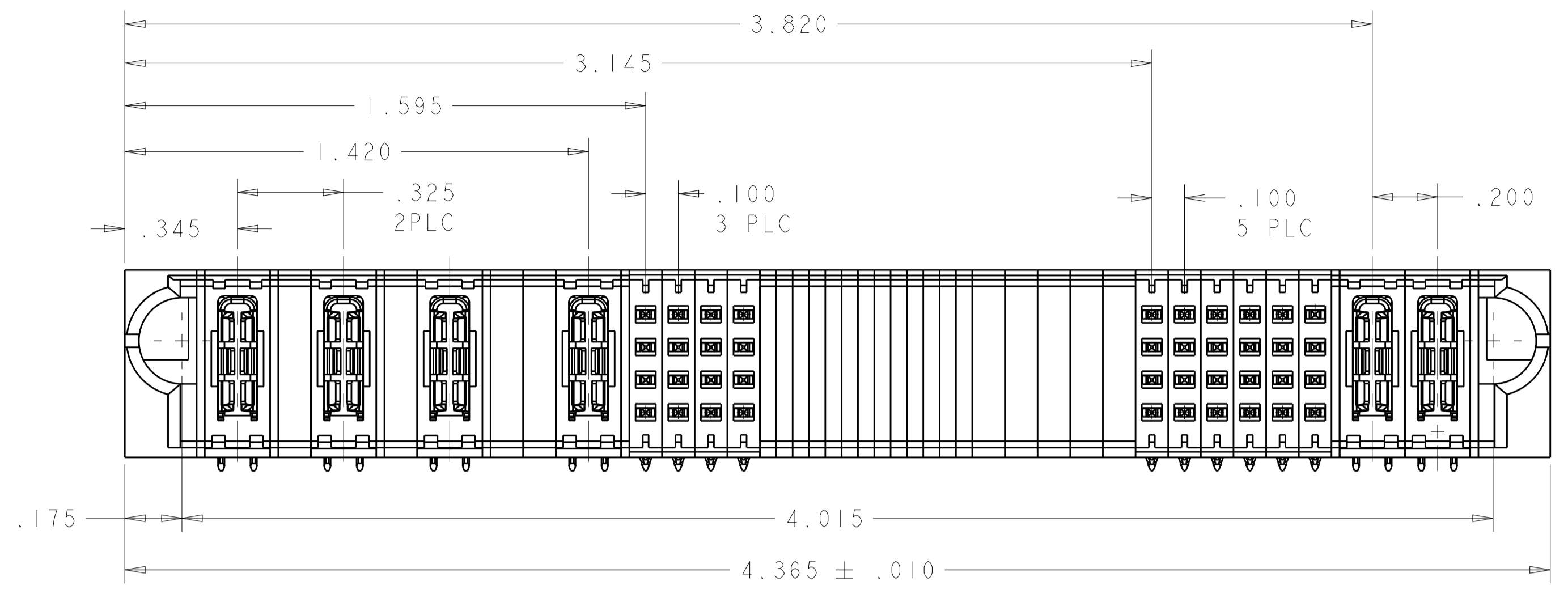
NO CONTACT LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: ALEX SHOAL 14DEC2007	
DIMENSIONS: INCHES		CHK: Sunny Zhao 20DEC2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: Sunny Zhao 20DEC2007	<b>RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE</b>
0 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0050 ANGLES ±.0050		PRODUCT SPEC: 108-2292 APPLICATION SPEC: 114-13251 WEIGHT: -	
MATERIAL: -		FINISH: -	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=6450840 SCALE: 1:1 SHEET 5 OF 16 REV: H4

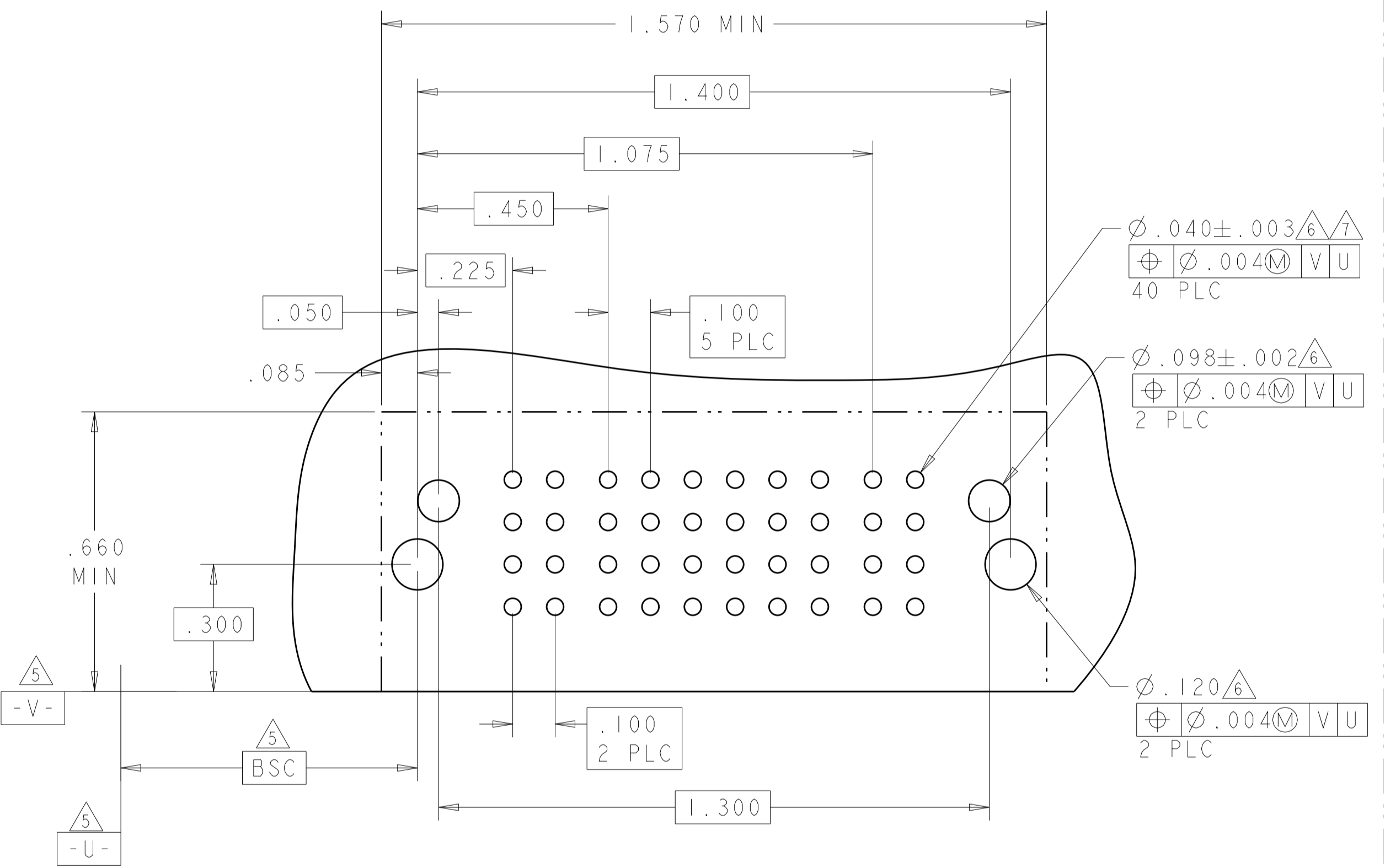
LOC	DIST	REV	DATE	APPD
ES	00			

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											

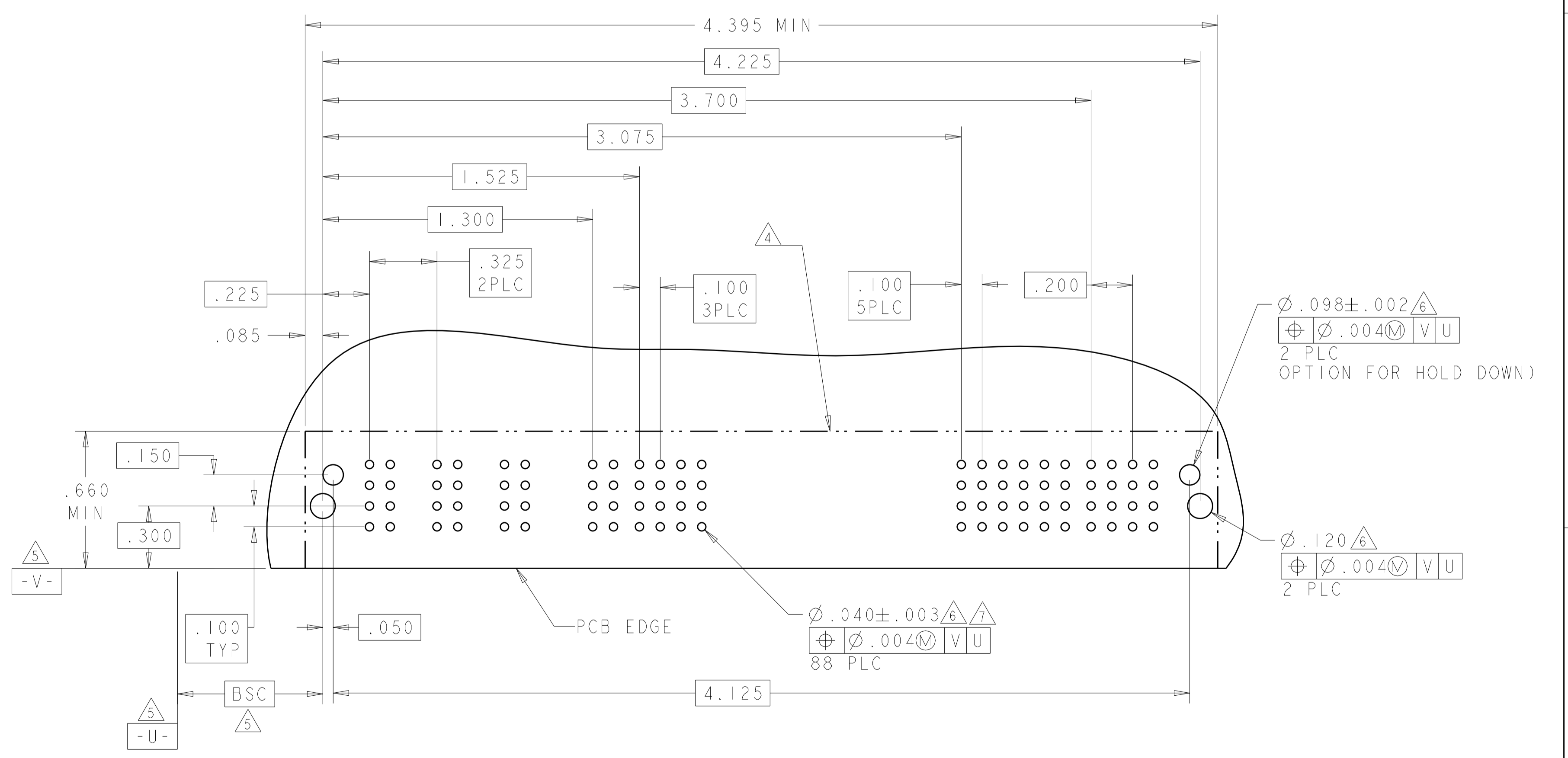


PART NUMBER: 6450840-8

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.

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

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

MATERIAL: FINISH:

Customer Drawing

NAME: RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE  
 PRODUCT SPEC: 108-2292  
 APPLICATION SPEC: 114-13251  
 WEIGHT: 114-13251

SIZE: A1  
 CAGE CODE: 100779  
 DRAWING NO: 6450840

RESTRICTED TO: H4  
 SCALE: 1:1  
 SHEET: 6 OF 16  
 REV: H4

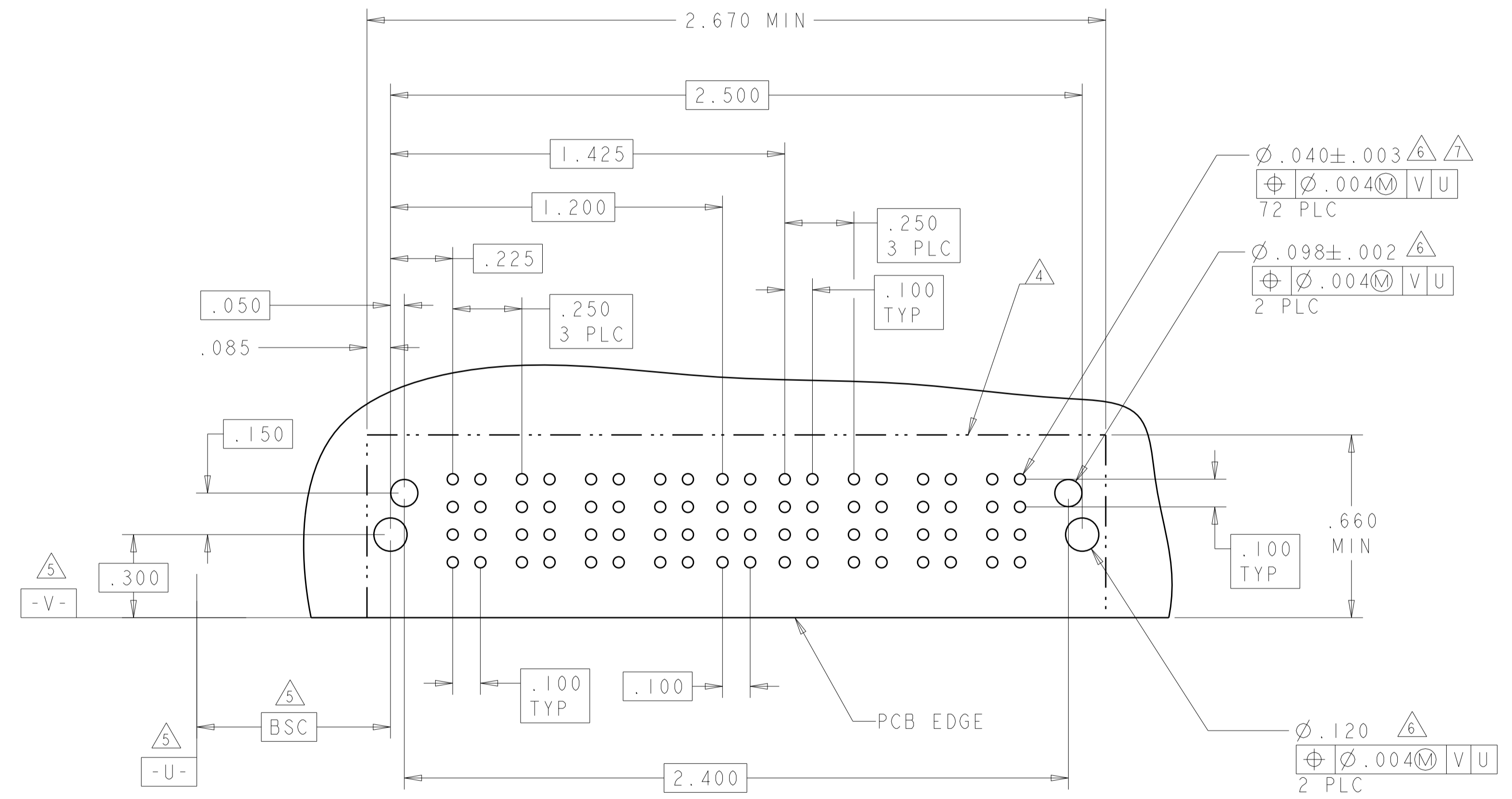
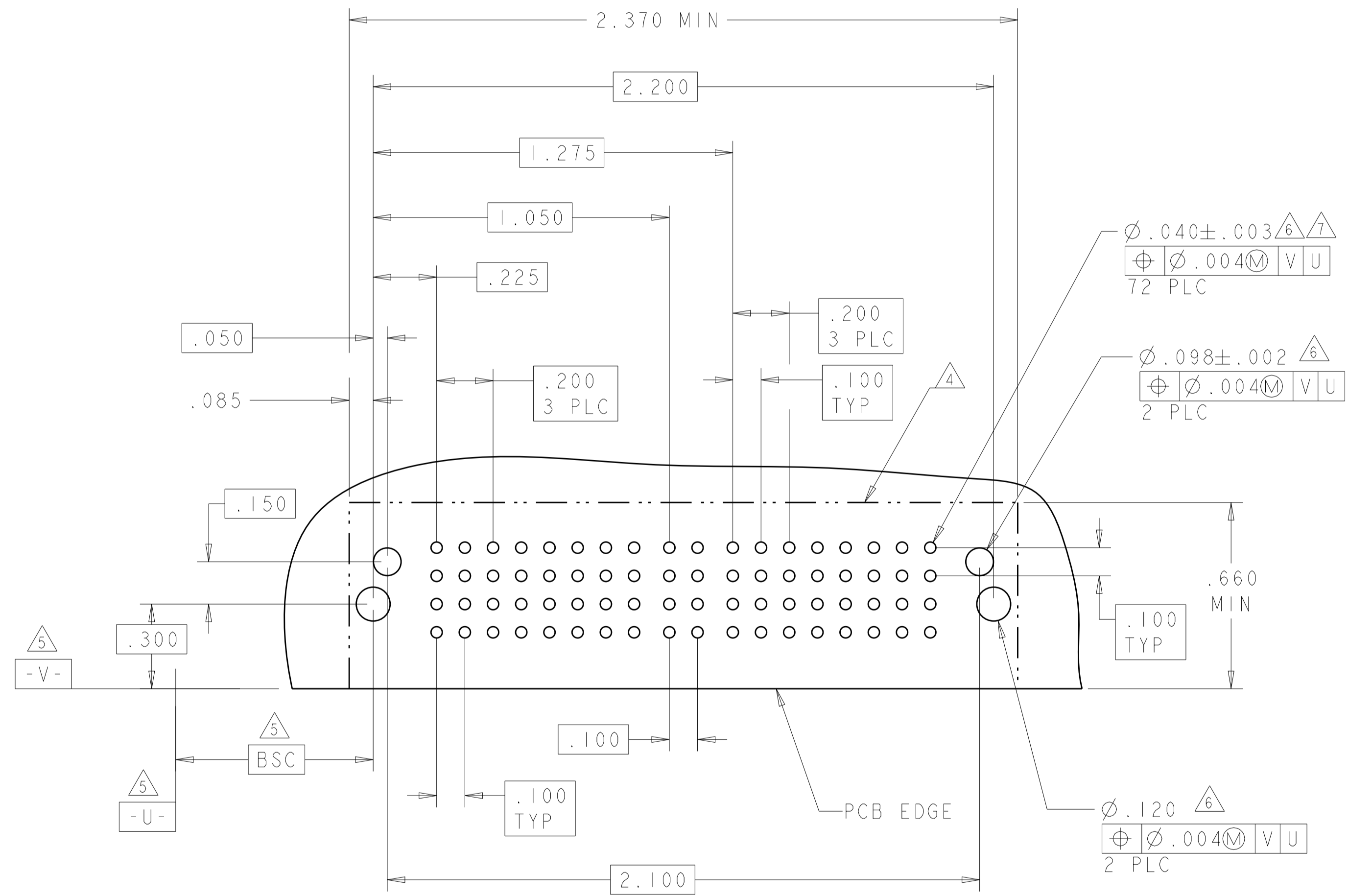
LOC	DIST	REV	DATE	APPD
ES	00			

REVISIONS		DATE	OWN	APPD
1	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											

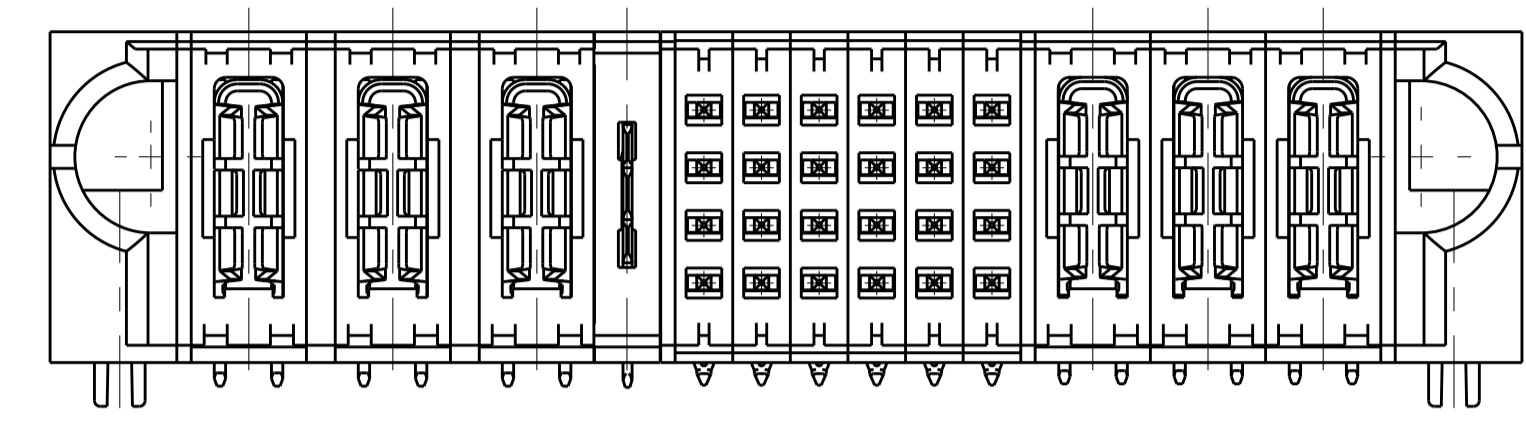
PART NUMBER	ROWS	POWER				SIGNAL	POWER				
		P1	P2	P3	P4	1   2	P5	P6	P7	P8	
1-6450840-0	D C B A	TT	TT	TT	TT	Z5 Y5 R5 O5	TT	TT	TT	TT	
4P + 8S + 4P											



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

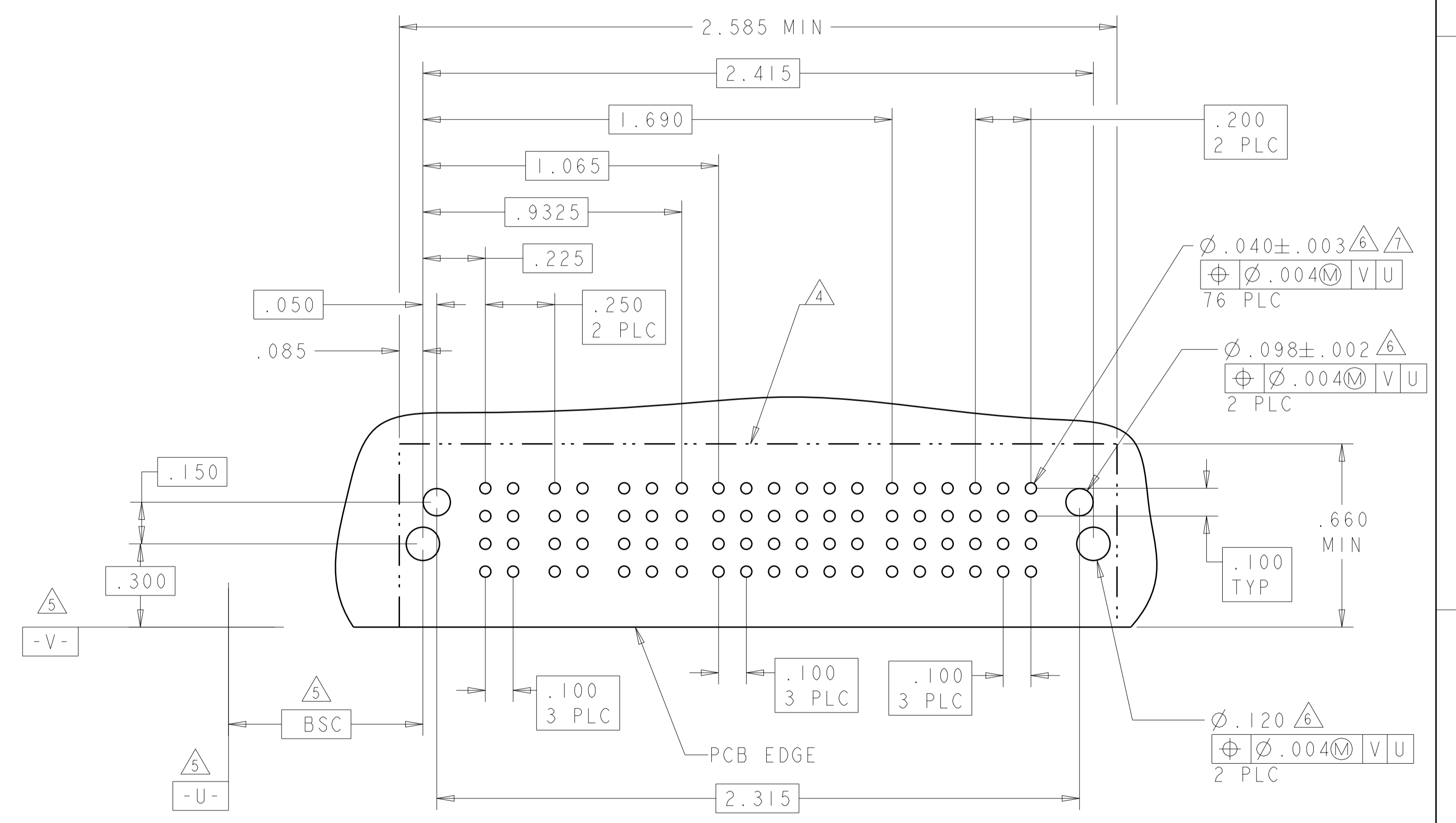
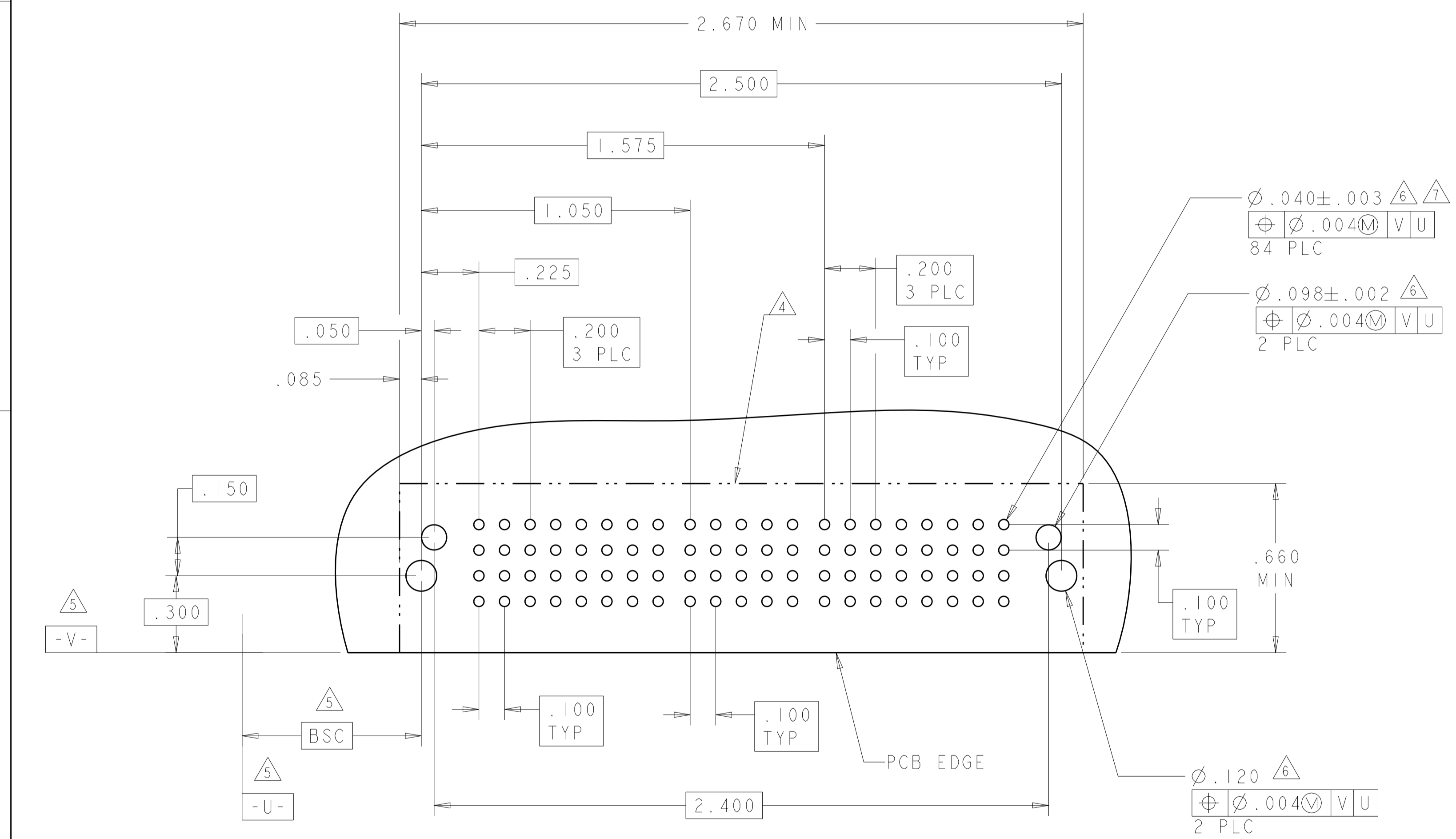
LOC		DIST		REVISIONS			
ES	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1			

PART NUMBER	ROWS	POWER				SIGNAL					POWER				
		P1	P2	P3	P4	1	2	3	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					
	B					R5	R5	R5	R5	R5					
A	HD	O5	O5	O5	O5	O5									
4HDP + 20S + 4HDP															



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

PART NUMBER	ROWS	POWER				SIGNAL						POWER			
		P1	P2	P3	LP1	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	Y5				
	B					R5	R5	R5	R5	R5	R5				
A	HD	O5	O5	O5	O5	O5	O5								
3P + 1LP + 24S + 3HDP															



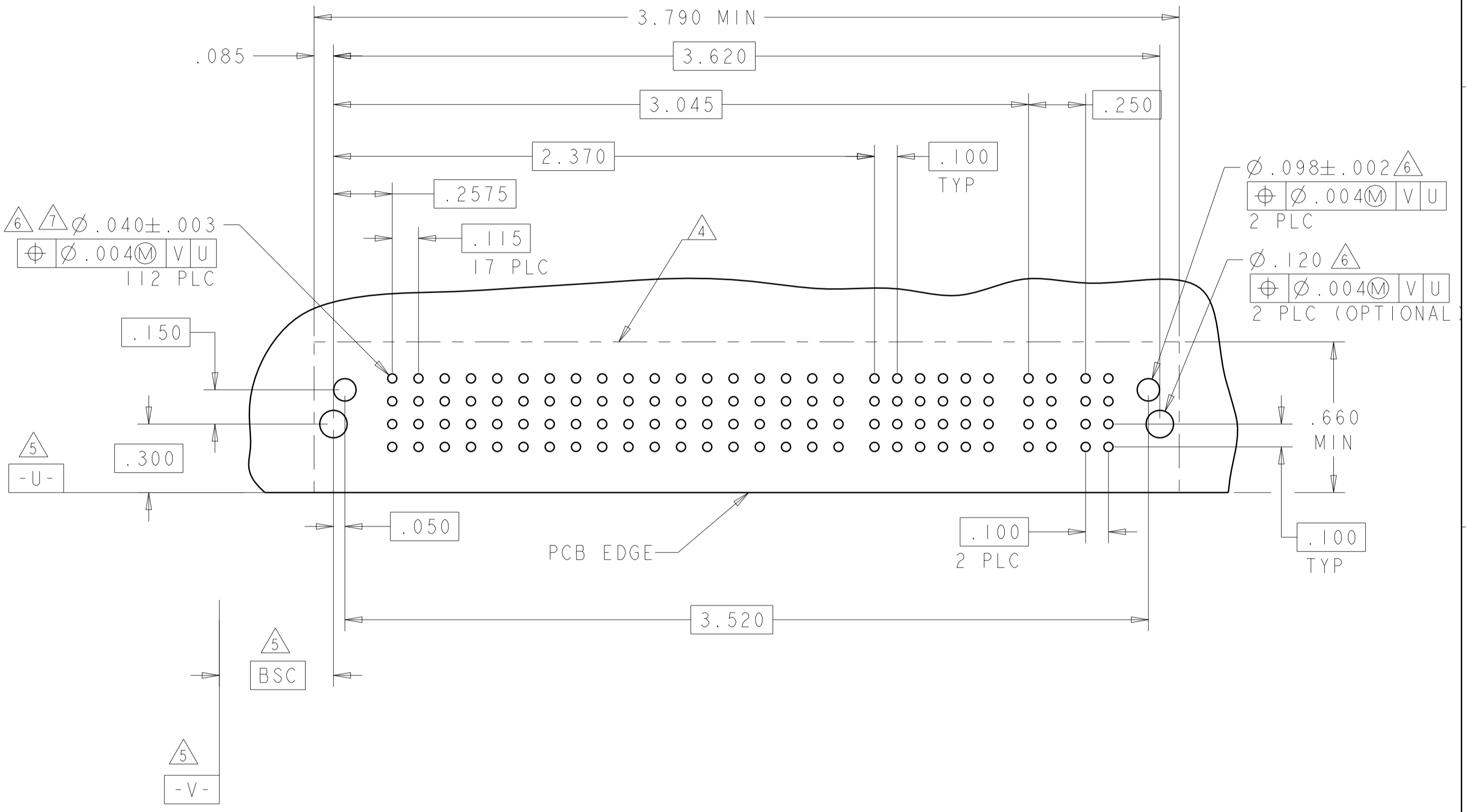
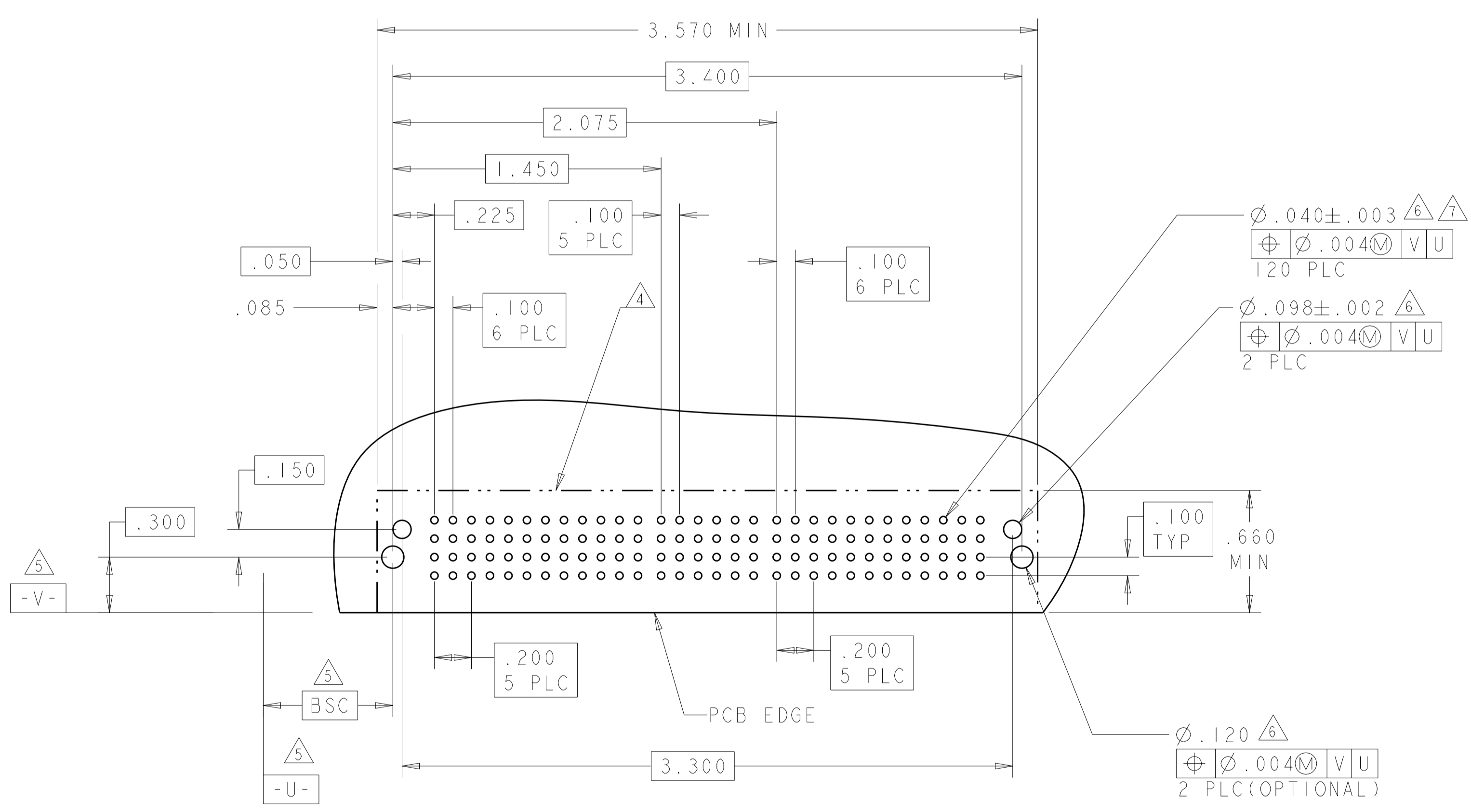
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: ALEX SHOAL 14DEC2007		TE Connectivity
DIMENSIONS: INCHES		CHK: Sunny Zhao 20DEC2007		NAME: RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: Sunny Zhao 20DEC2007	PRODUCT SPEC: 108-2292	APPLICATION SPEC: 114-13251
MATERIAL:		FINISH:	WEIGHT:	Customer Drawing
SIZE: A100779			SCALE: 1:1	SHEET 8 OF 16



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	1	2	3	4	5	6	P7	P8	P9	P10	P11	P12
1-6450840-2	D	TT	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		HD		HD		HD		HD		HD		HD		HD		HD	

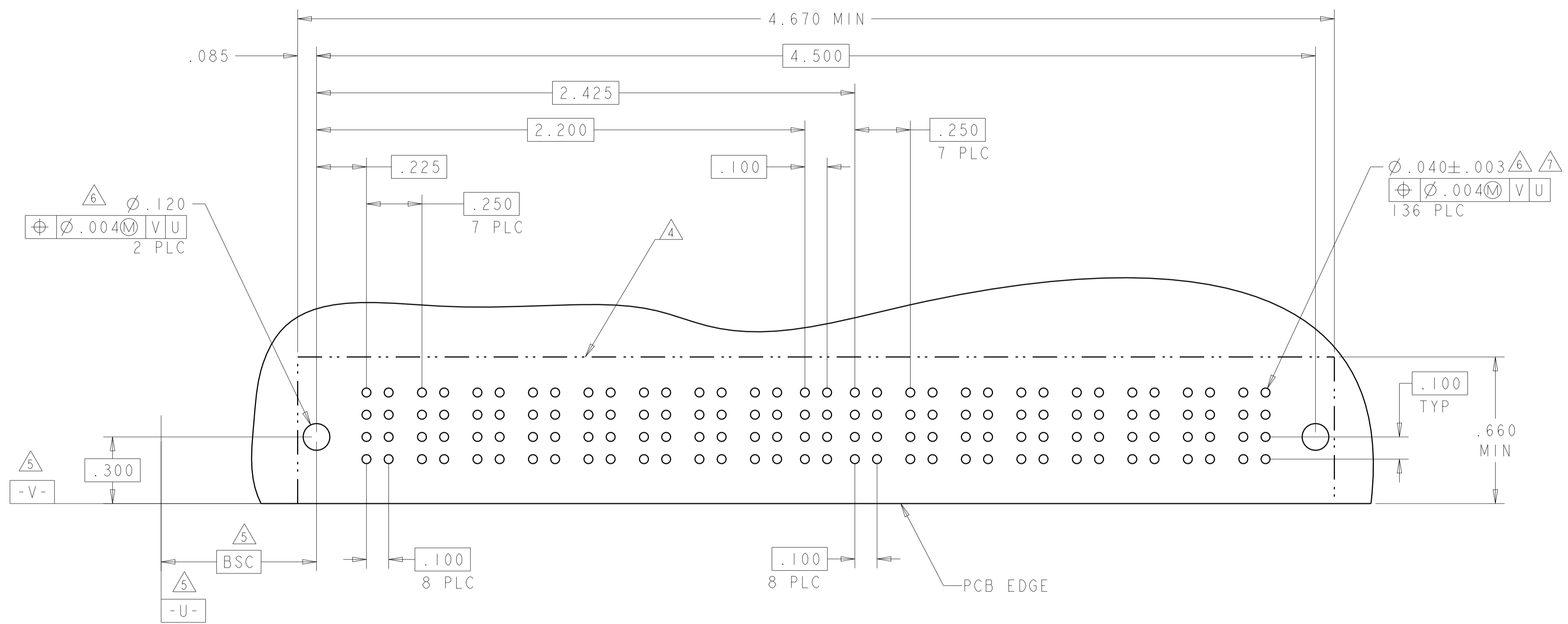
PART NUMBER	ROWS	LOW POWER																		SIGNAL						POWER	
		LP1	LP2	LP3	LP4	LP5	LP6	LP7	LP8	LP9	LP10	LP11	LP12	LP13	LP14	LP15	LP16	LP17	LP18	1	2	3	4	5	6	P1	P2
2-6450840-0	D																			Z5	Z5	Z5	Z5	Z5	Z5		
	C																			Y5	Y5	Y5	Y5	Y5	Y5		
	B	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: ALEX SHOAL 14DEC2007	 TE Connectivity
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 ±.7°		PRODUCT SPEC: 108-2292	RESTRICTED TO:
MATERIAL: -		APPLICATION SPEC: 114-13251	SIZE: A100779
FINISH: -		WEIGHT: -	CAGE CODE: 6450840
Customer Drawing		SCALE: 1:1	SHEET 9 OF 16 REV: H4

LOC	DIST	REVISIONS			
P	LTH	DESCRIPTION	DATE	OWN	APVD
-	-	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.		OWN: ALEX SHOAL 14DEC2007	TE Connectivity
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 ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0050 ANGLES ±7°		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 10 OF 16 REV: H4

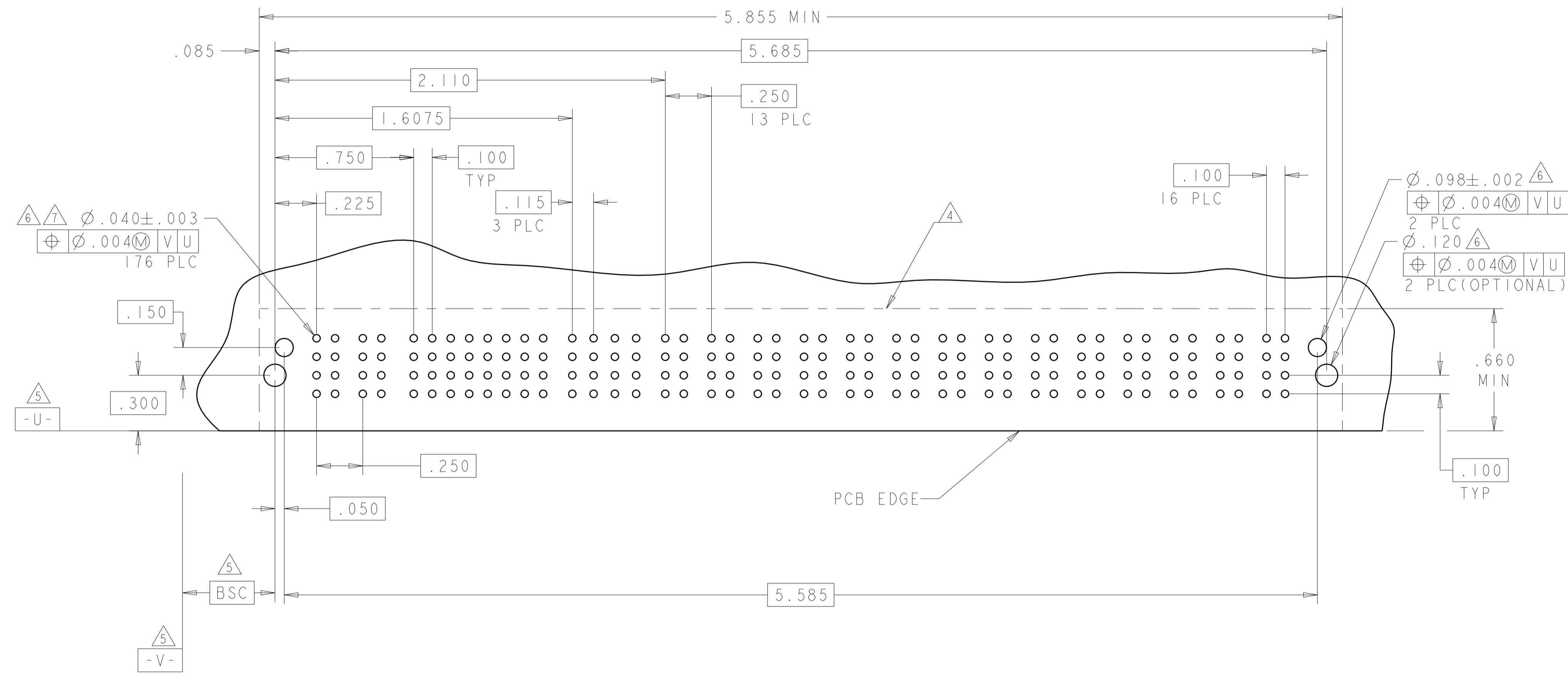
LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS				
REV	DATE	DESCRIPTION	BY	APPV
-	-	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			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	HD			O5	O5	O5	O5	O5	O5	O5																		

2P + 32S + 4LP + 14P



THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: ALEX SHOAL 14DEC2007  
 CHK: Sunny Zhao Z0DEC2007  
 APVD: Sunny Zhao Z0DEC2007

DIMENSIONS: INCHES  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PLC ±.  
 1 PLC ±.01  
 2 PLC ±.01  
 3 PLC ±.005  
 4 PLC ±.0050  
 ANGLES ±.7°

MATERIAL: -  
 FINISH: -

Customer Drawing

NAME: RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE  
 PRODUCT SPEC: 108-2292  
 APPLICATION SPEC: 114-13251  
 WEIGHT: -

SIZE: A1  
 CAGE CODE: 6450840  
 DRAWING NO: 100779

RESTRICTED TO: -  
 SCALE: 1:1  
 SHEET: 11 OF 16  
 REV: H4

**TE** TE Connectivity

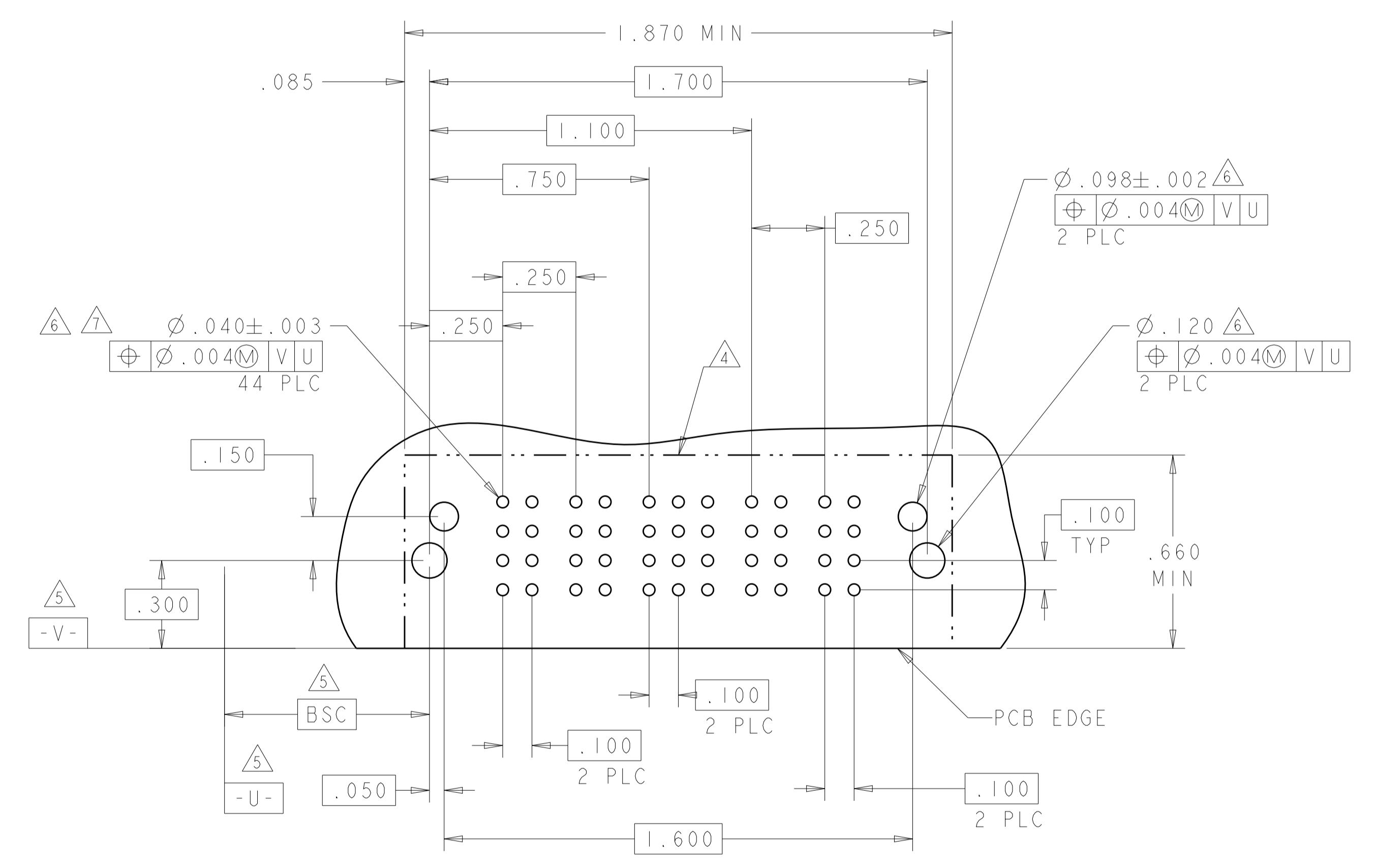
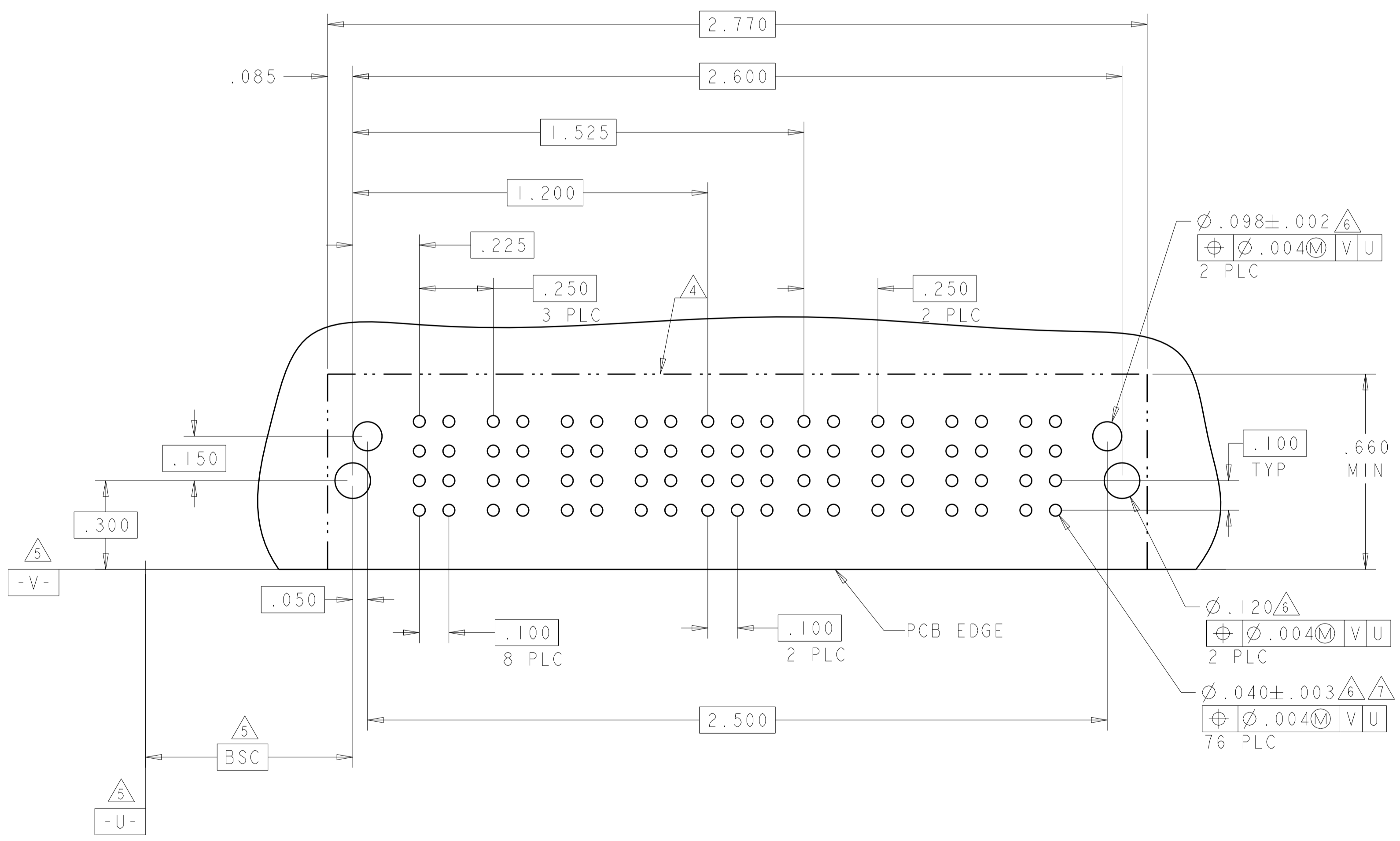
LOC		DIST		REVISIONS			
ES	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1			

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	TT	TT	Z5	Z5	Z5			
	C			Y5	Y5	Y5		TT	TT
	B			R5	R5	R5			
	A	HD		O5	O5	O5			HD

2P + 16S + 2P



THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: ALEX SHOAL 14DEC2007  
 CHK: Sunny Zhao 20DEC2007  
 APVD: 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

SIZE: A1  
 CAGE CODE: 00779  
 DRAWING NO: 6450840

RESTRICTED TO: H4

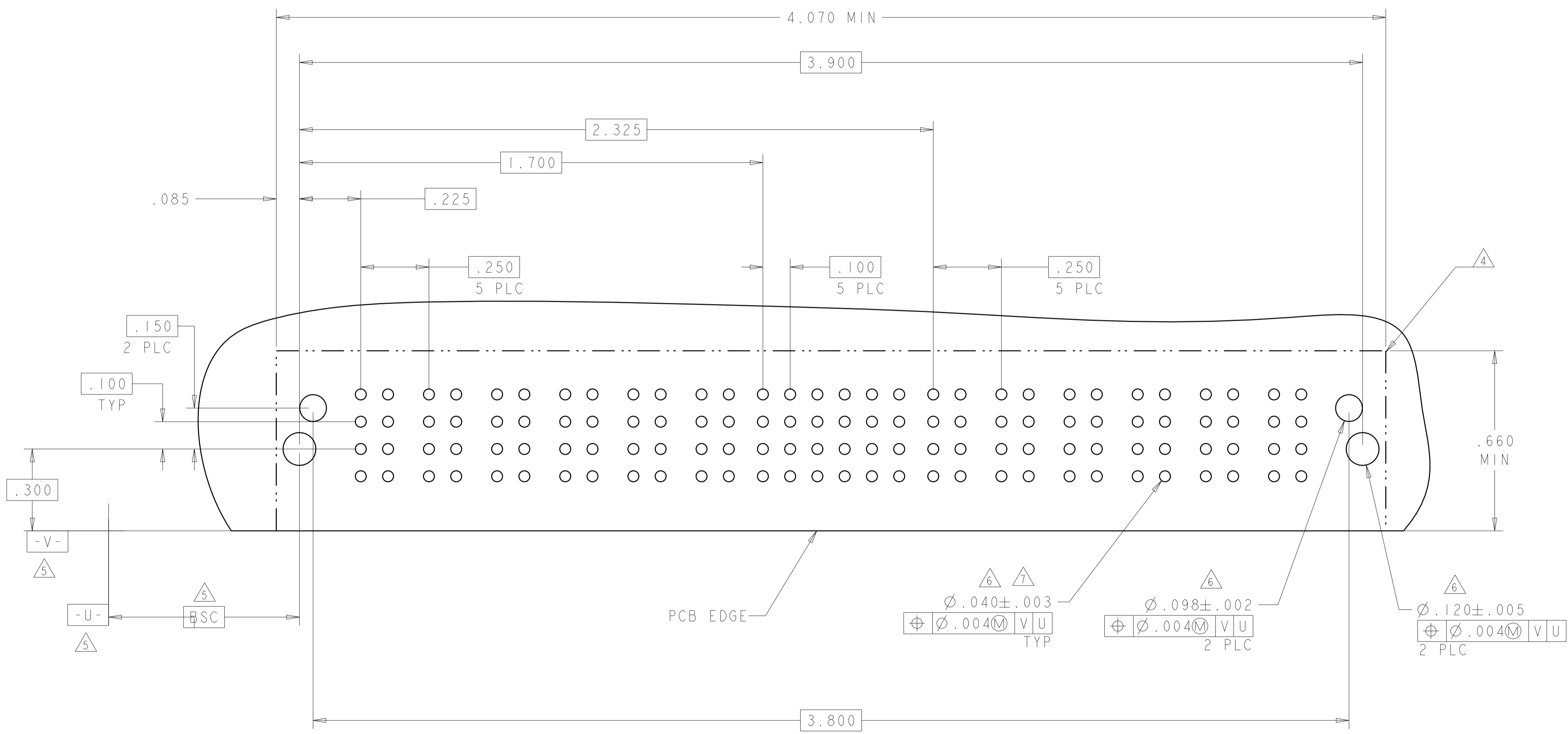
SCALE: 1:1 SHEET 12 OF 16 REV: H4



LOC	DIST	REVISIONS			
ES	00	REV	DATE	BY	APPD
-	-	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	TT	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	TT	TT	TT	TT	TT	TT			
	Y5						Y5	Y5	Y5	Y5	Y5										
	R5						R5	R5	R5	R5	R5										
	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
0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0050 ANGLES ±.2°		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 14 OF 16 REV: H4

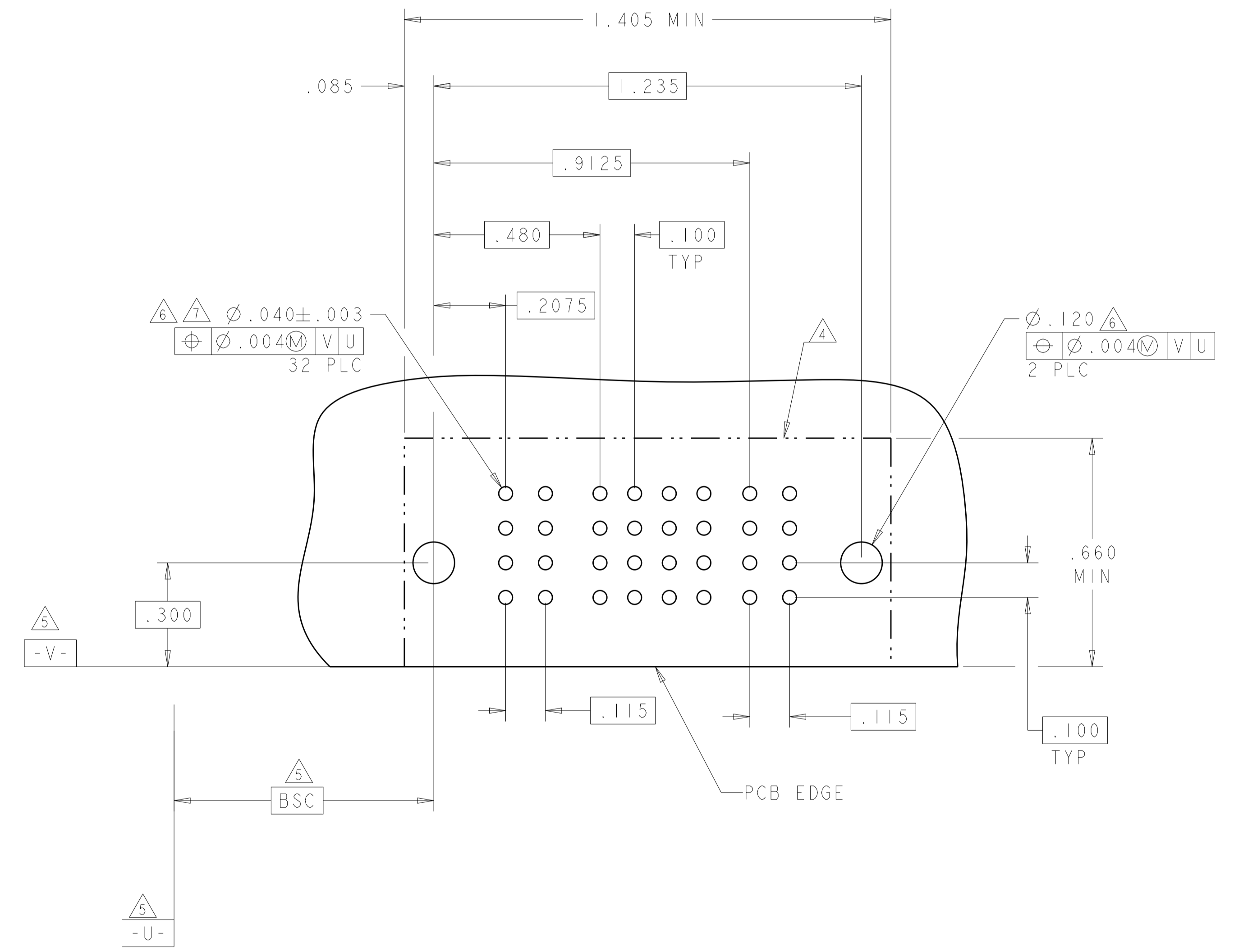
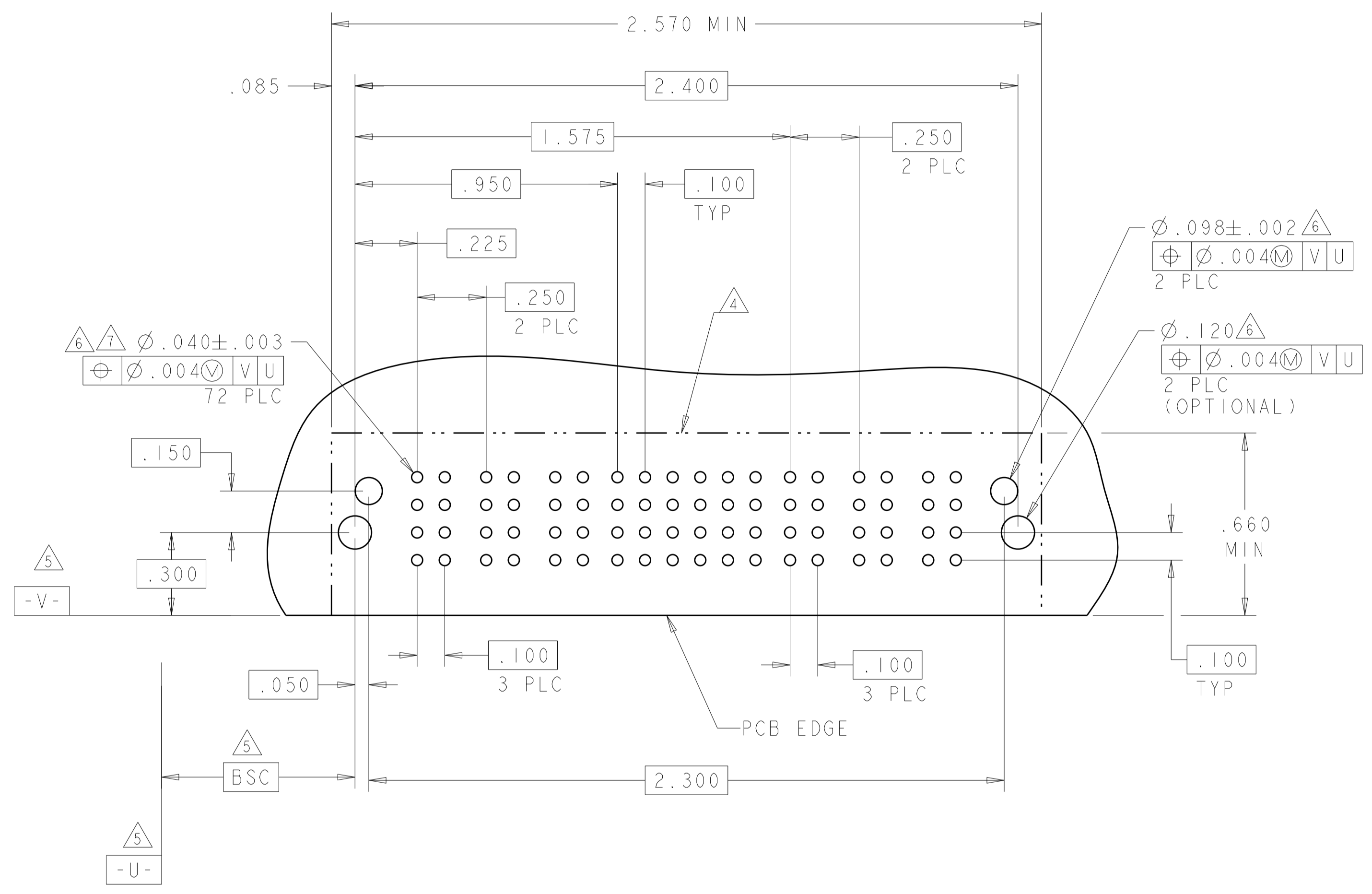
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	OWN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
2-6450840-9	D	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	TT	TT	TT
	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	LT	LT	Z1	Z5	Z5	Z5	LT	LT
	C			Y5	Y5	Y5	Y5		
	B			R5	R5	R5	R5		
	A			O5	O5	O5	O5		

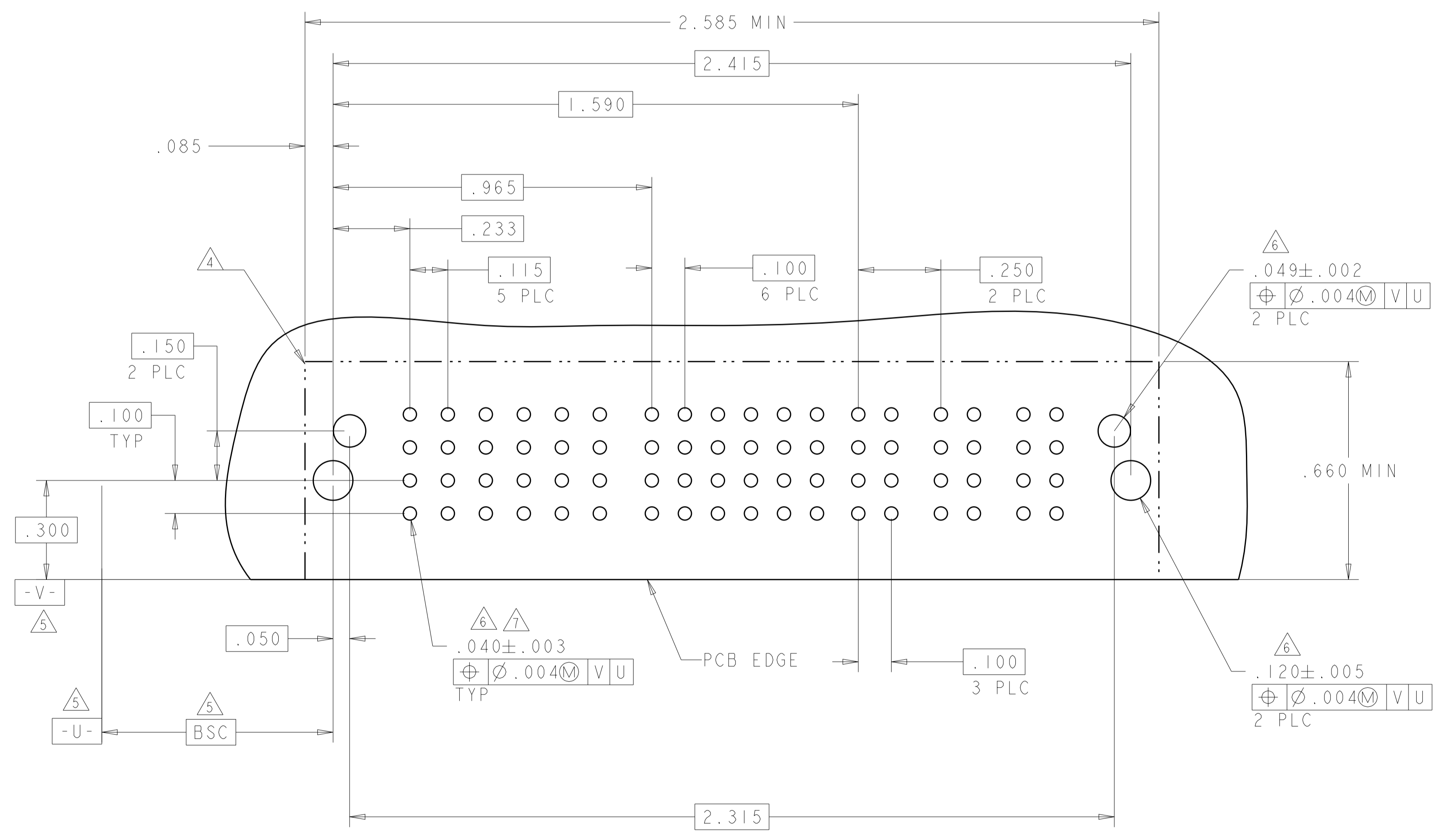
2LP + 16S + 2LP



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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 ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.005 ANGLES ±.0050		PRODUCT SPEC: 108-2292	
MATERIAL: -		APPLICATION SPEC: 114-13251	RESTRICTED TO: -
FINISH: -		WEIGHT: -	SCALE: 1:1
Customer Drawing		SIZE: A100779	SHEET 15 OF 16
		CAGE CODE: C=6450840	REV: H4

LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DMN	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	[HD]	[LT]	[LT]	[LT]	[LT]	[LT]	[LT]	Z5	Z5	Z5	Z5	Z5	Z5	[TT]	[TT]	[TT]	[HD]
			[LT]	[LT]	[LT]	[LT]	[LT]	[LT]	Y5	Y5	Y5	Y5	Y5	Y5				
			[LT]	[LT]	[LT]	[LT]	[LT]	[LT]	R5	R5	R5	R5	R5	R5				
6LP + 24S + 3P								O5	O5	O5	O5	O5	O5					



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: 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> <tr> <td>FINISH</td><td></td></tr> </table>		0 PLC	±	1 PLC	±.01	2 PLC	±.01	3 PLC	±.005	4 PLC	±.0050	ANGLES	±.2°	FINISH		PRODUCT SPEC: 108-2292	SIZE: A100779
0 PLC	±																
1 PLC	±.01																
2 PLC	±.01																
3 PLC	±.005																
4 PLC	±.0050																
ANGLES	±.2°																
FINISH																	
MATERIAL: -		APPLICATION SPEC: 114-13251	CAGE CODE: C=6450840														
Customer Drawing		WEIGHT: -	RESTRICTED TO: -														
SCALE: 1:1		SHEET: 16 OF 16	REV: H4														



Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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Электронная почта: [ocean@oceanchips.ru](mailto:ocean@oceanchips.ru)

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А