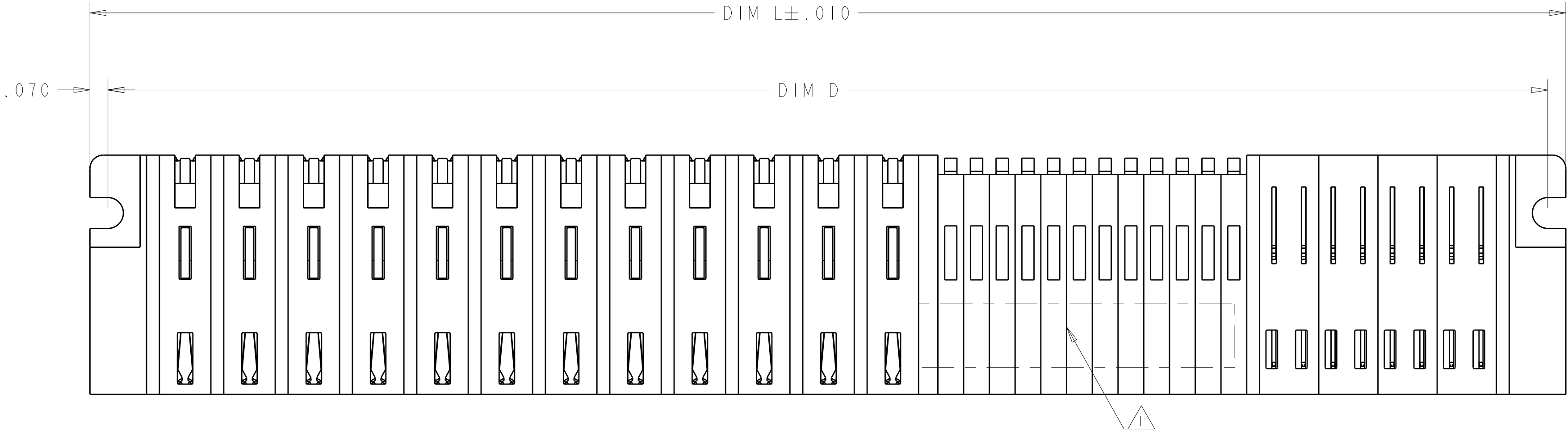
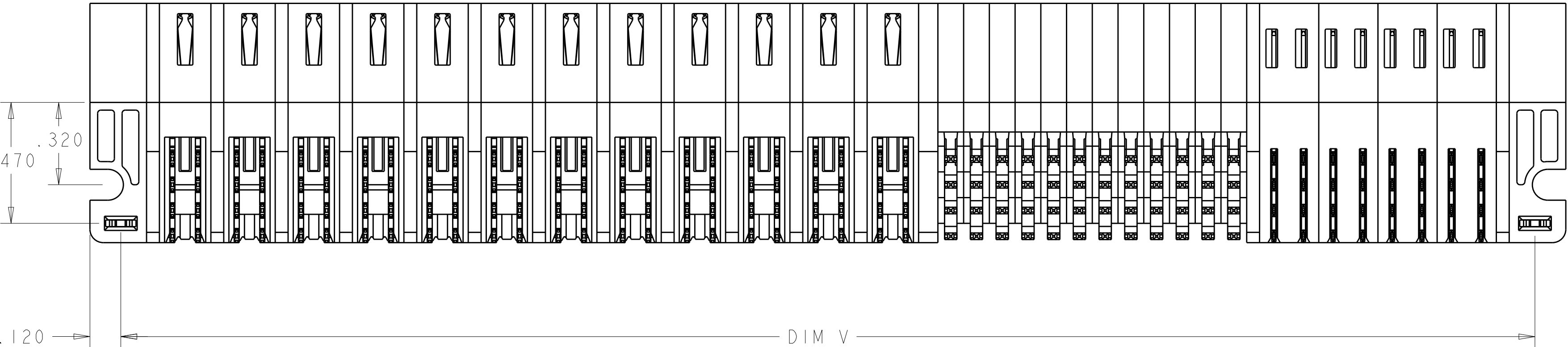
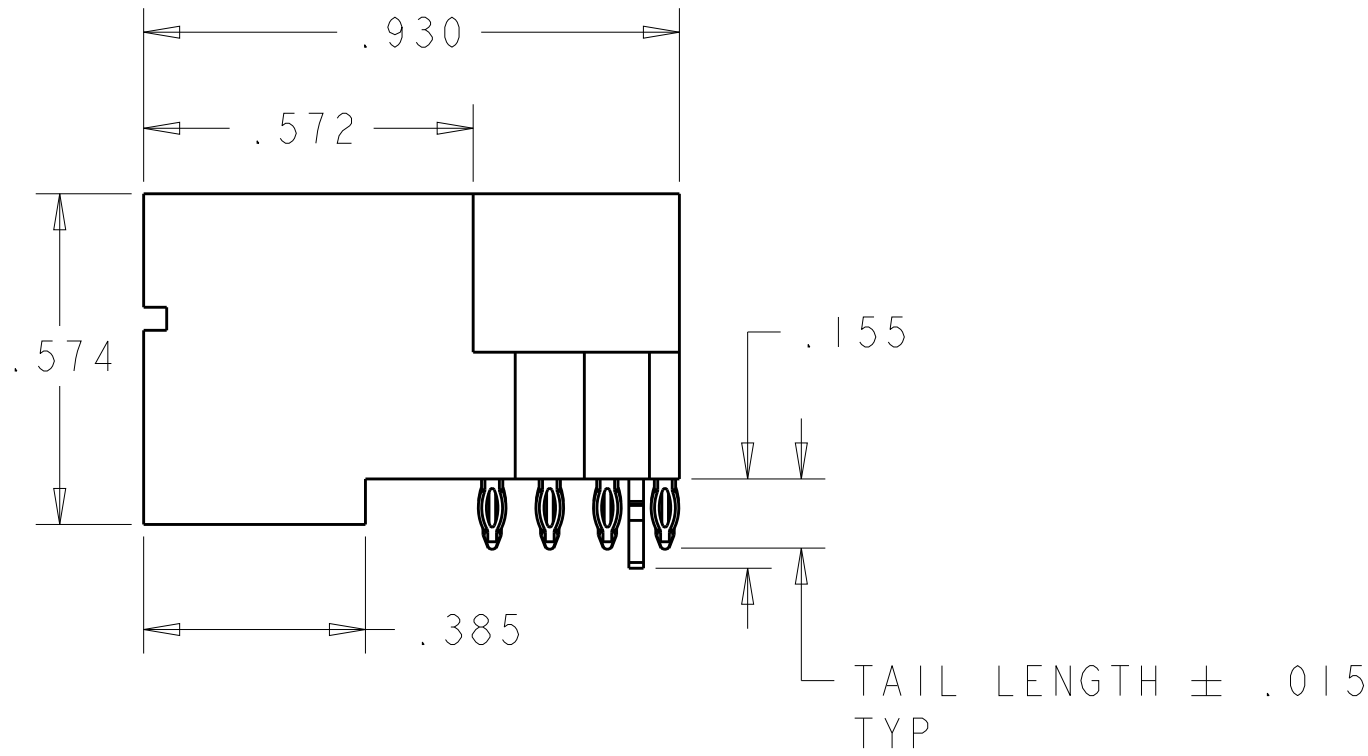
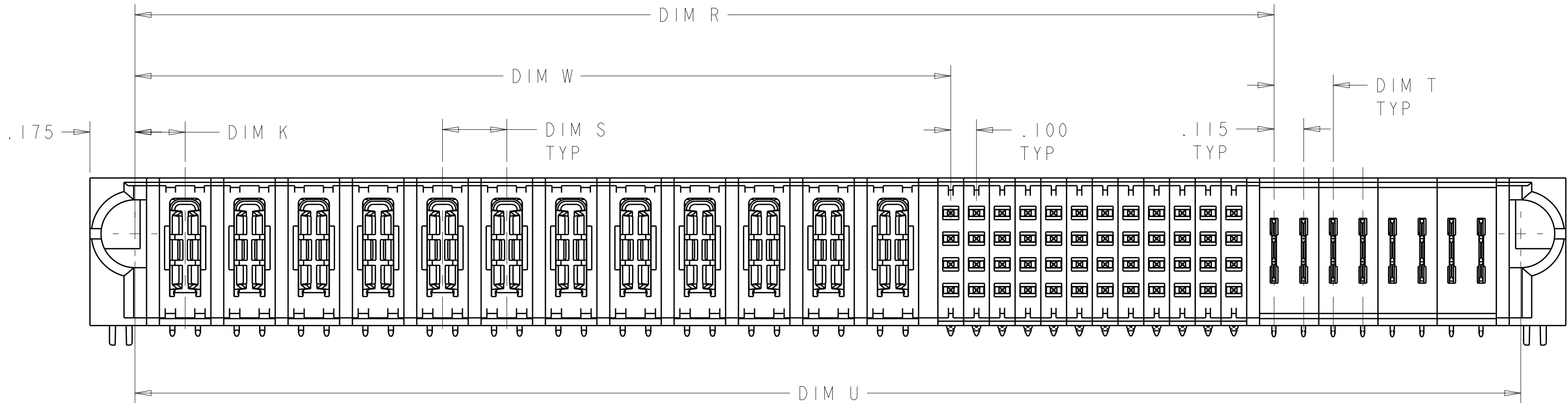


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
ES	00		G9	ADD NEW DASH NUMBER 2-9	04MAY2012	CZ	SZ	
			H2	REV PER ECR-12-020199	22NOV2012	CZ	SZ	
			H4	ADDED THE NEW DASH NUMBER -33	28DEC2012	ML	SZ	



- 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.



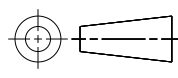
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ALEX SHOAL CHK Sunny Zhao APVD Sunny Zhao	14DEC2007 20DEC2007 20DEC2007	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251		
		0 PLC ±" 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0050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

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

.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.

DIMENSIONS:
INCHES



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±"

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0050

ANGLES ±2°

FINISH

MATERIAL

-

DWN
ALEX SHOAL

CHK
Suryy Zhao

APVD
Suryy Zhao

14DEC2007

20DEC2007

20DEC2007

NAME

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

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450840

RESTRICTED TO
-

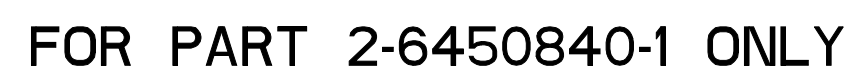
Customer Drawing

SCALE
1:1

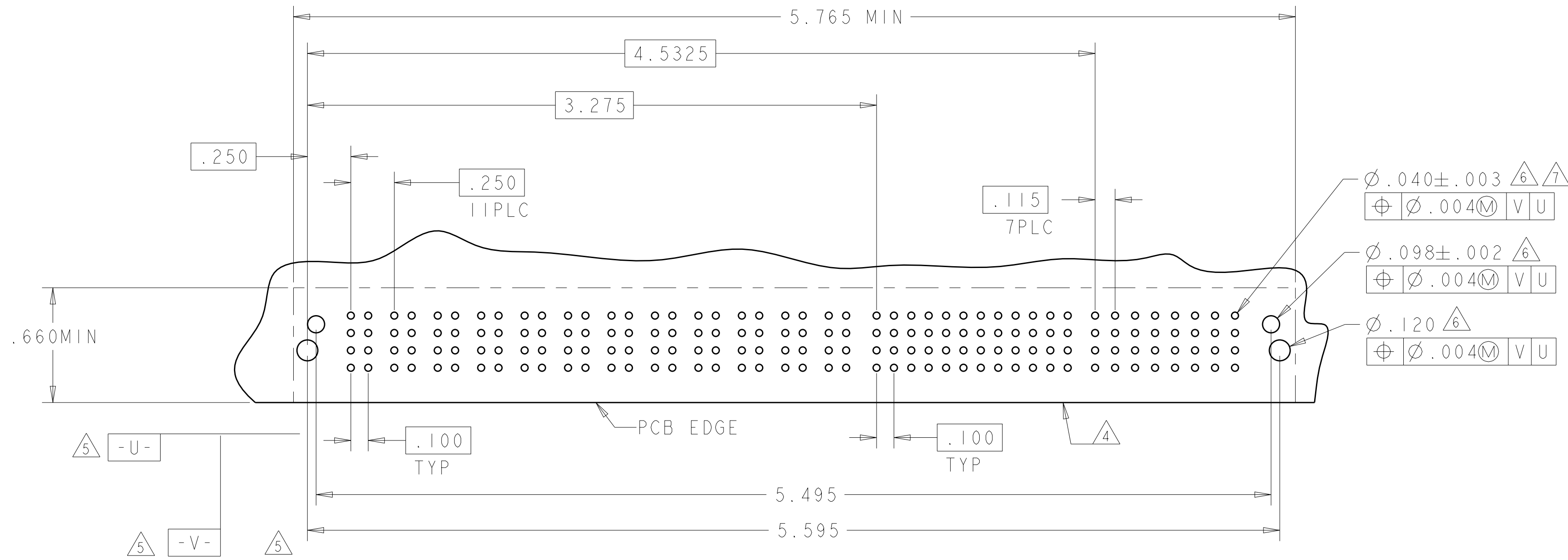
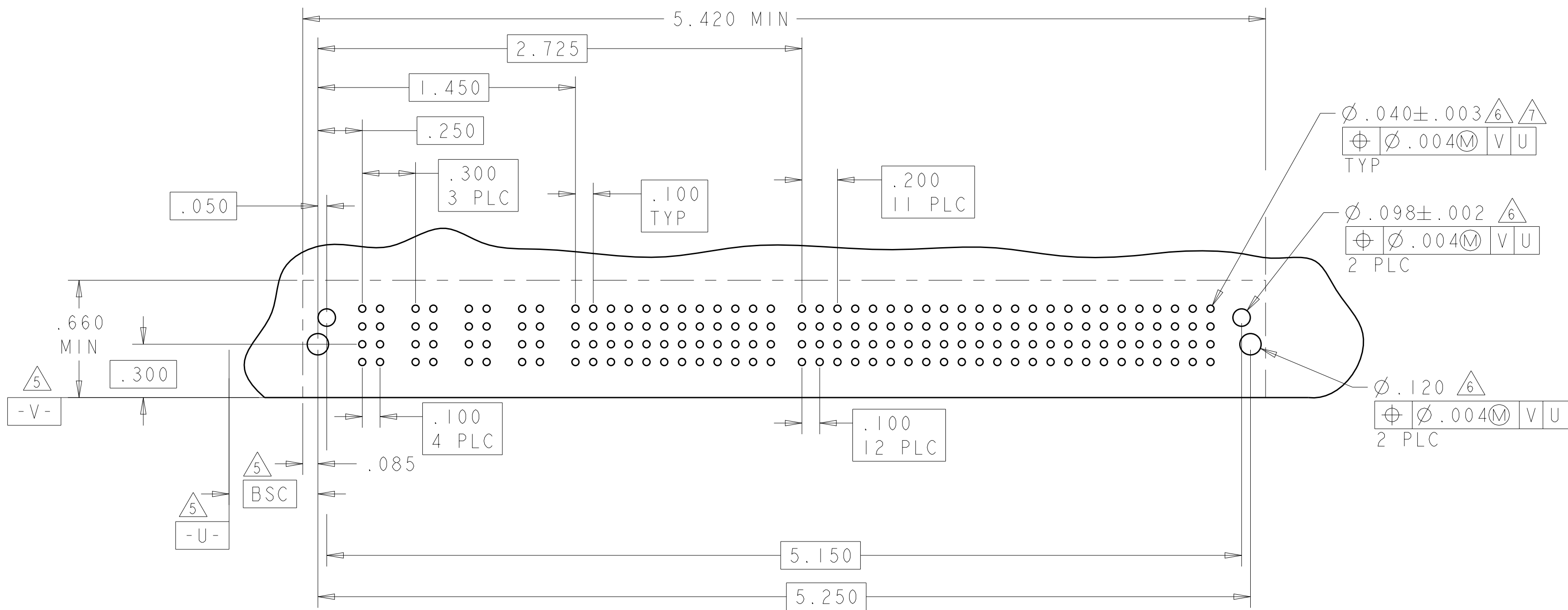
SHEET
2

OF
16

REV
H4



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		TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	LT	LT	LT	LT	LT	LT	LT	LT		
	Y5													Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5										
	R5													R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5										
	O5													O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5										
12P + 48S + 8LP																																			

[illegible]

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
DESCRIPTION	IDENTIFIER

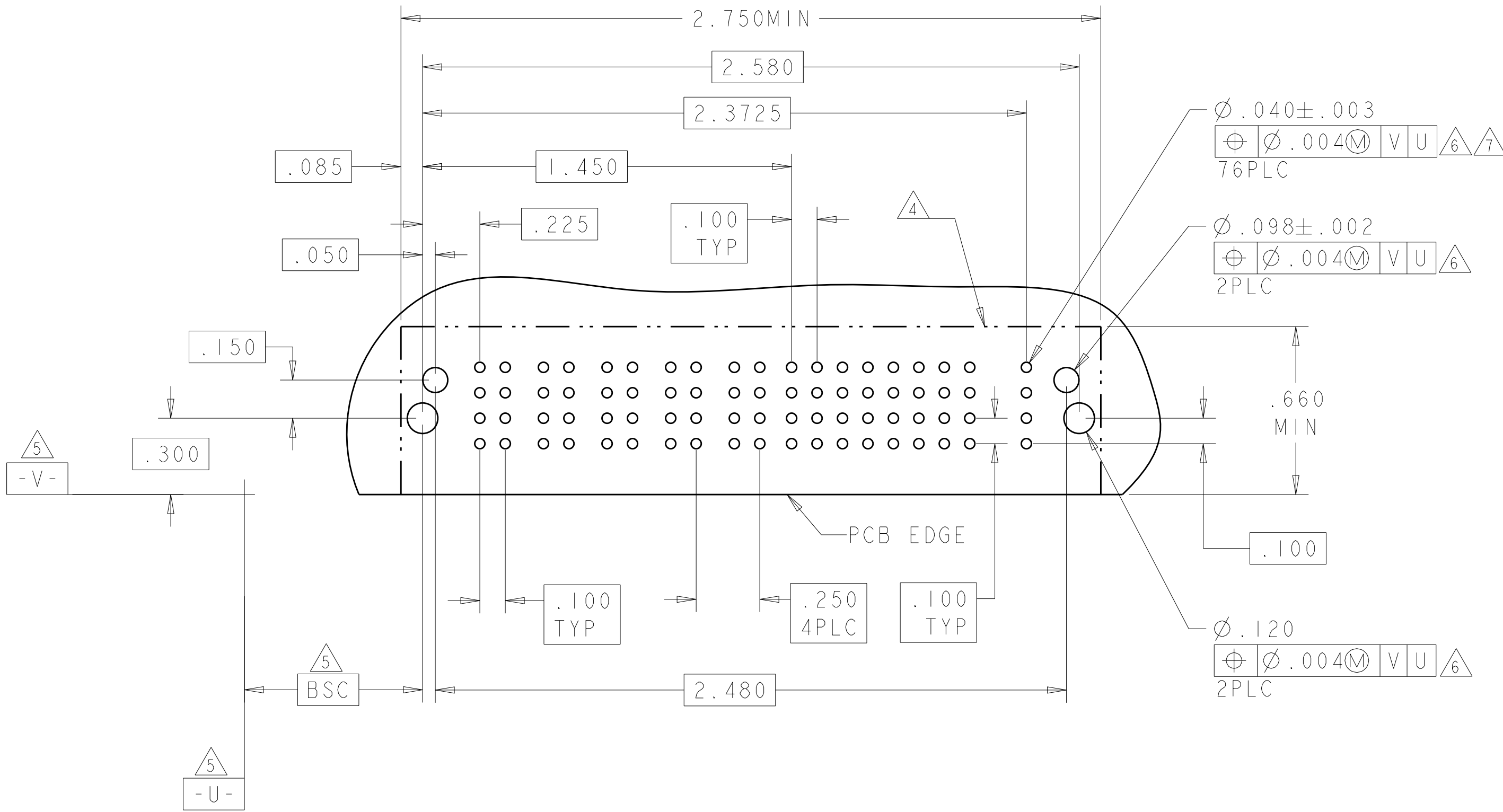
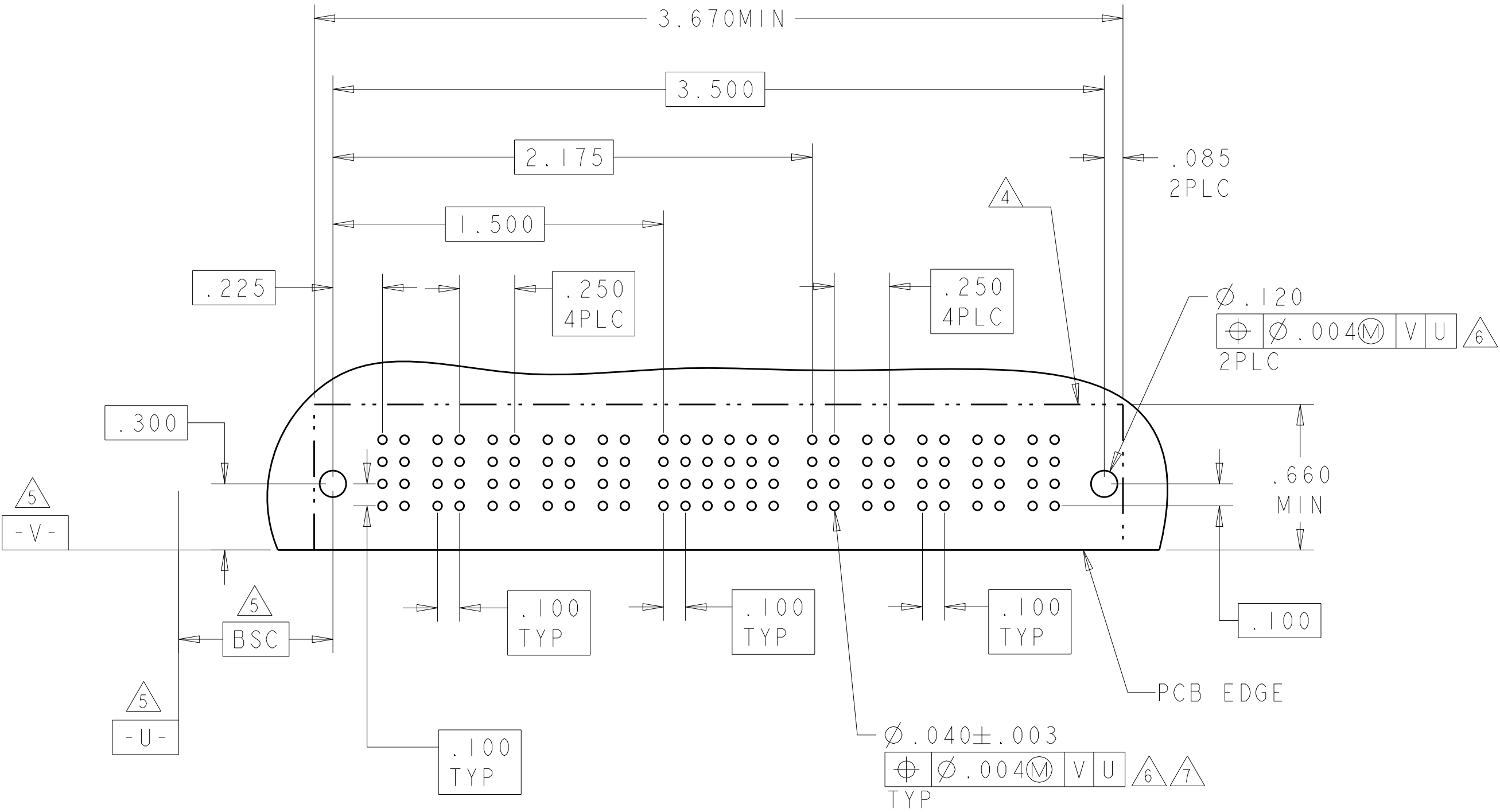
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ALEX SHOAL	14DEC2007	 TE Connectivity
		CHK Sunny Zhao	20DEC2007	
		APPD Sunny Zhao	20DEC2007	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC		NAME RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
	Ø PLC ±. PLC ±. PLC ±.01 PLC ±.005 PLC ±.0050 ANGLES ±°	APPLICATION SPEC		
MATERIAL -	FINISH -	WEIGHT -	SIZE CAGE CODE DRAWING NO A100779C6450840	RESTRICTED TO -
Customer Drawing		SCALE 1:1	SHEET 4 OF 16	REV H

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

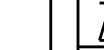
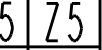
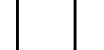
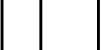
PART NUMBER	ROWS		POWER					SIGNAL						POWER					
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6450840-5	D		TT	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	TT	TT	TT	TT	TT	
	Y5							Y5	Y5	Y5	Y5	Y5							
	R5							R5	R5	R5	R5	R5							
	O5							O5	O5	O5	O5	O5							
5P + 24S + 5P																			

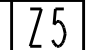
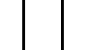
PART NUMBER	ROWS		POWER					SIGNAL								POWER		
			P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	LP1	LP2	
6450840-6	D		TT	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z1	LT		
	C							Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5			
	B							R5	R5	R5	R5	R5	R5	R5	R5			
	A							O5	O5	O5	O5	O5	O5	O5	O5			
5P + 32S + 2LP																		

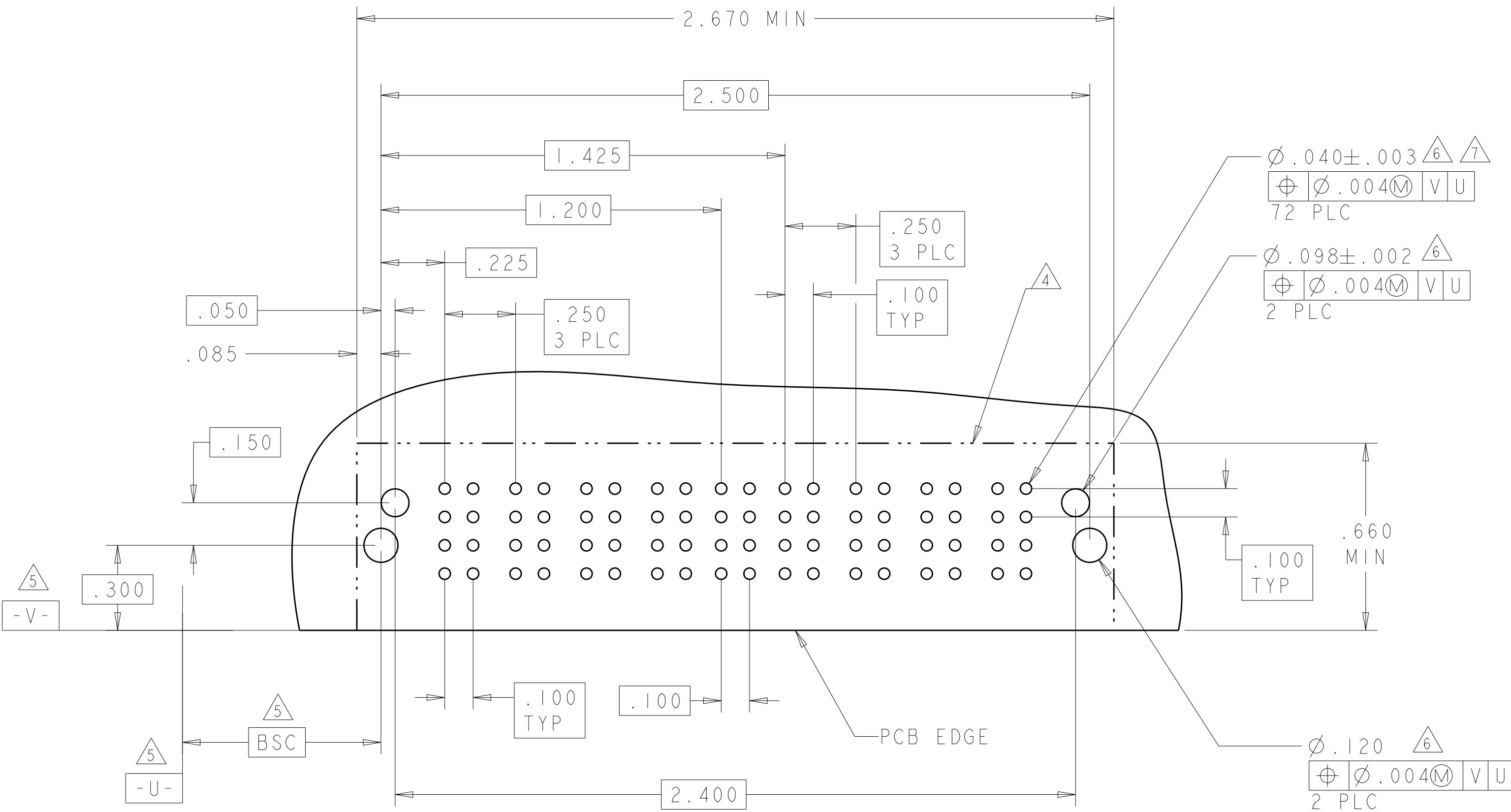
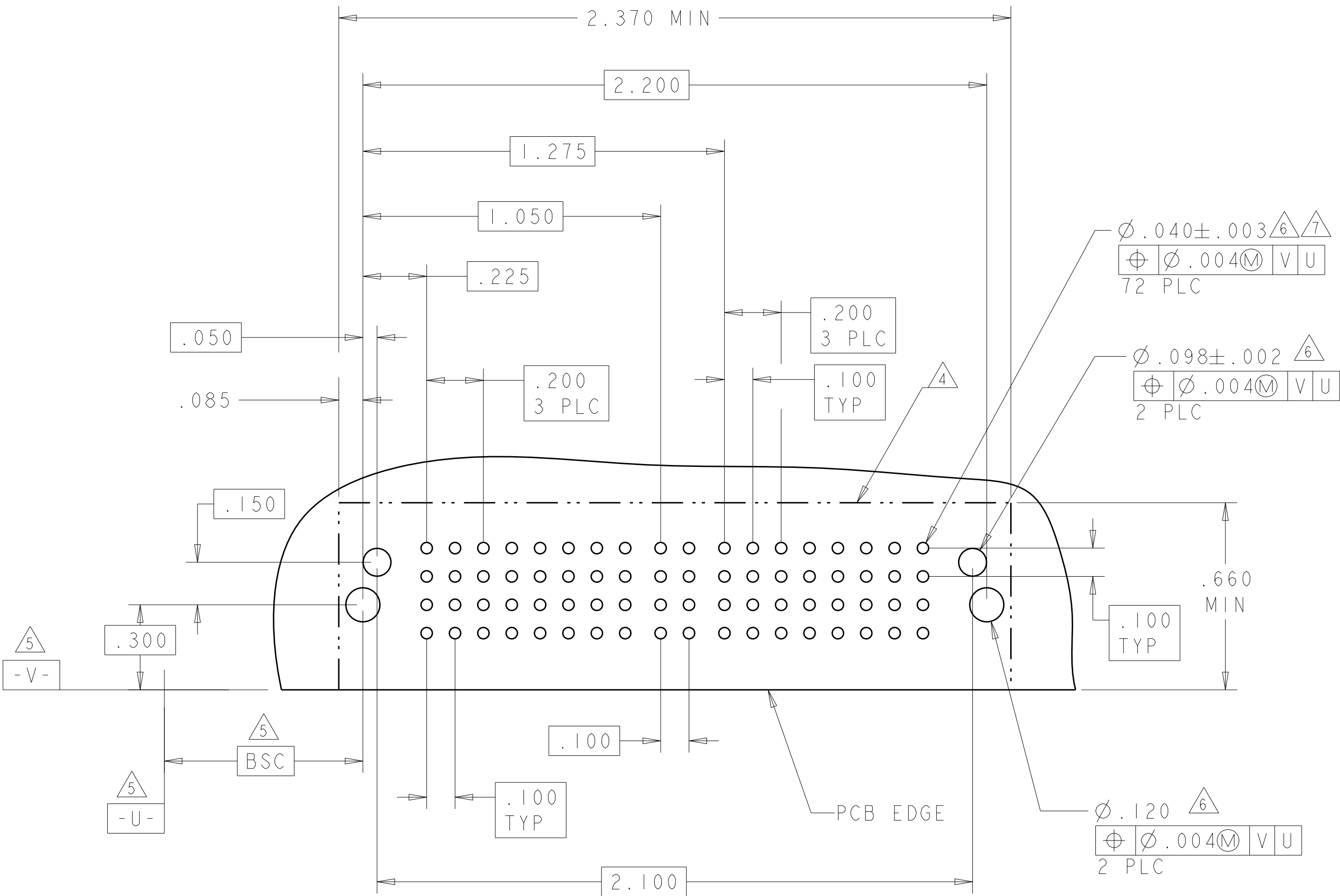
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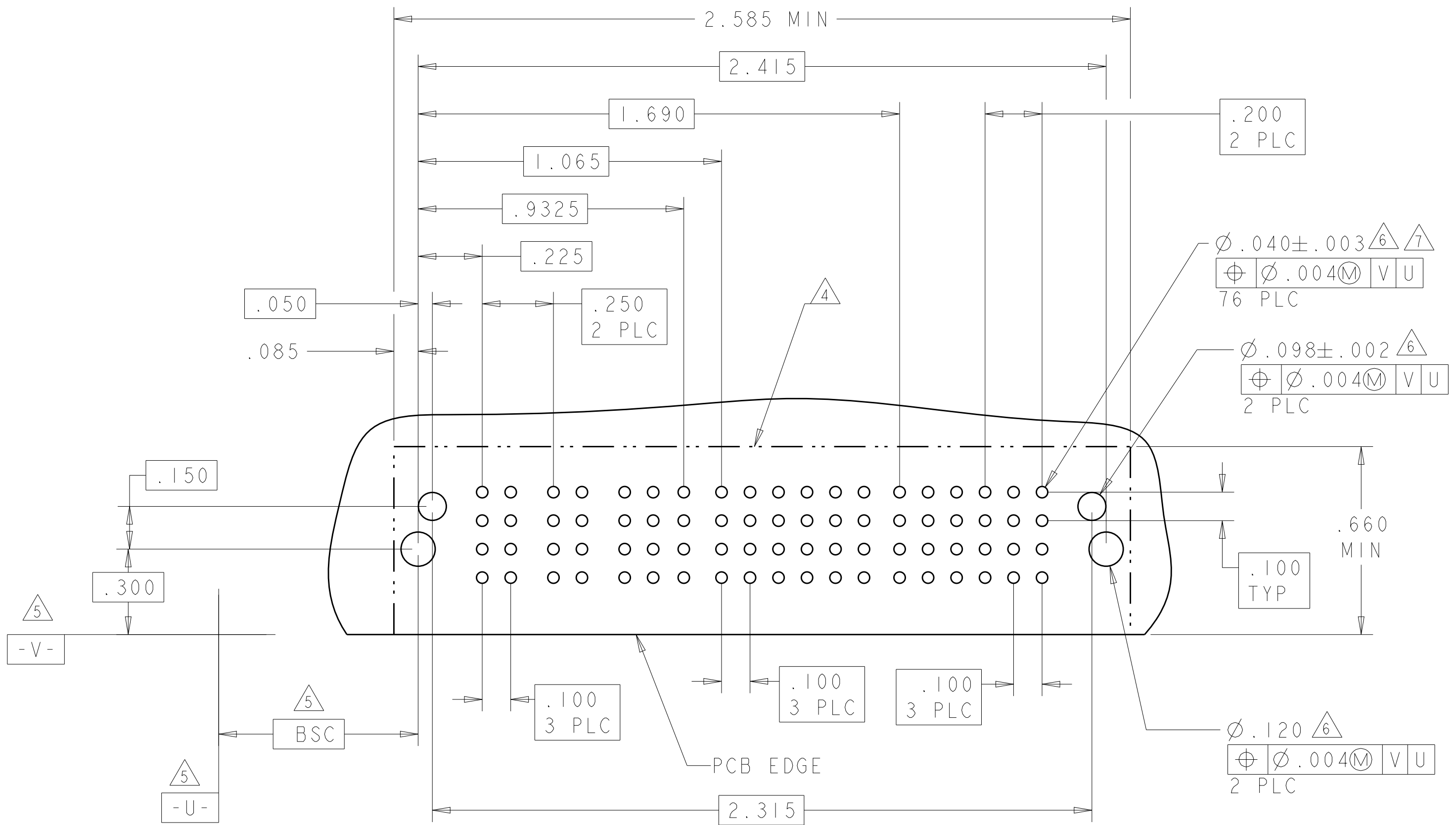
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

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

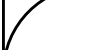
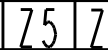
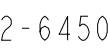
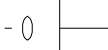
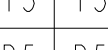
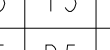
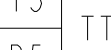
PART NUMBER	ROWS		POWER				SIGNAL		POWER				
			P1	P2	P3	P4	1	2	P5	P6	P7	P8	
1-6450840-0	D C B A					Z5	Z5						
						Y5	Y5						
						R5	R5						
						O5	O5						
4P + 8S + 4P													



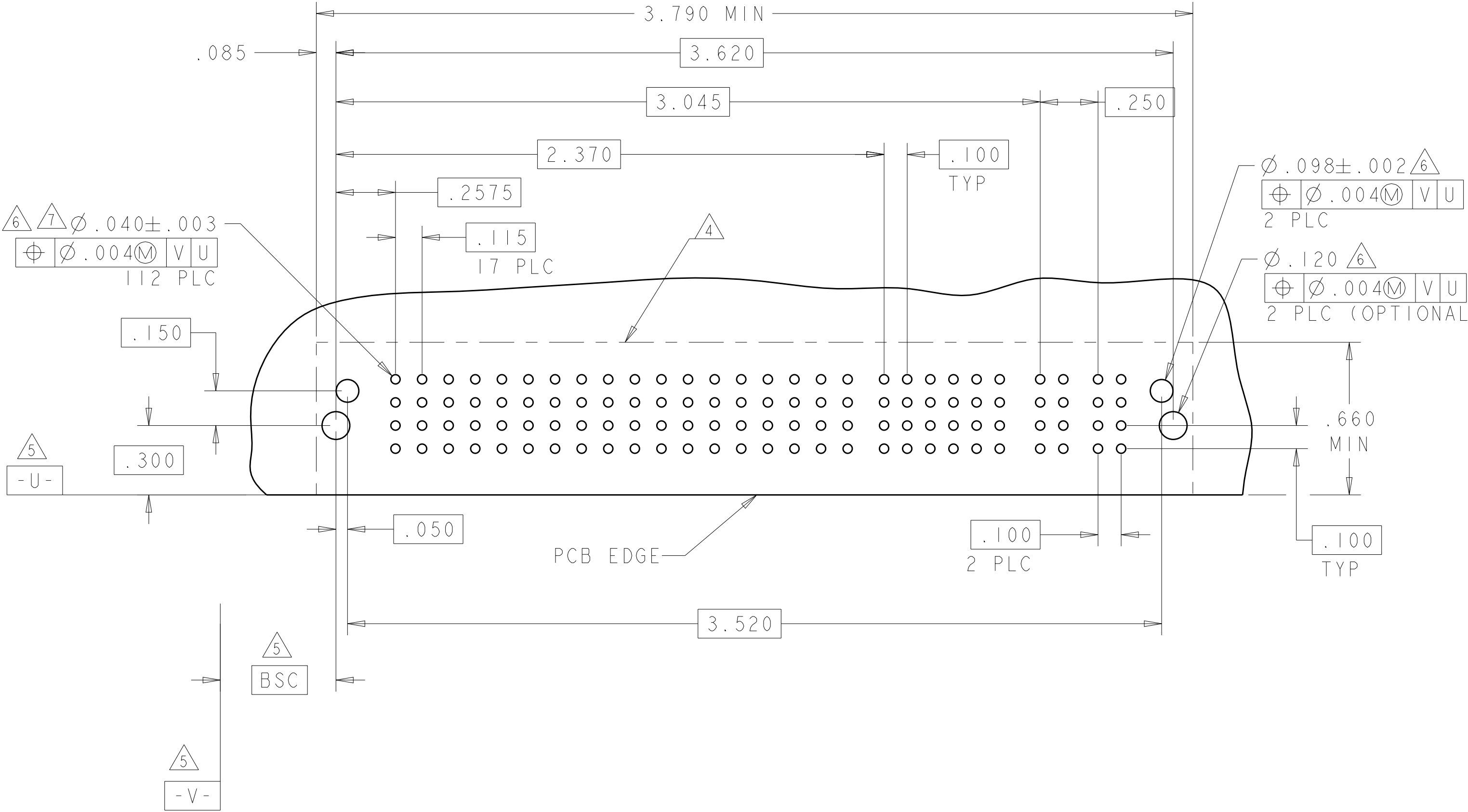
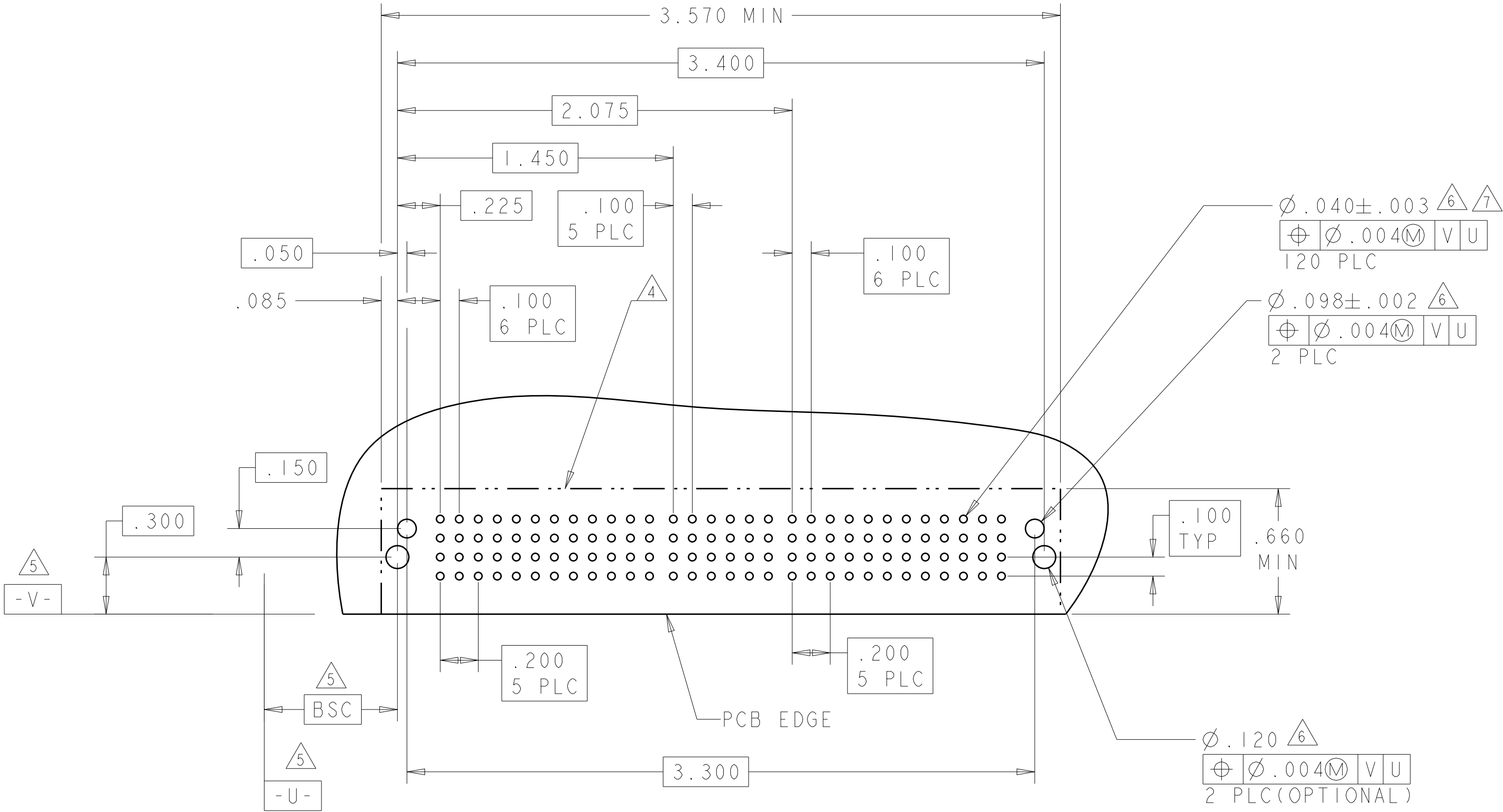
This technical drawing is a detailed floor plan of a building, likely a school or institutional structure, showing a symmetrical layout. The plan is oriented horizontally. At the far left and right ends are semi-circular features, possibly entrances or auditoriums, each containing a crosshair symbol. Moving inward from these ends, there are three large rectangular rooms on each side, each containing a U-shaped desk or seating arrangement. These are followed by a central corridor or staircase area, indicated by a vertical line with a crossbar. The central part of the plan consists of a large rectangular area divided into a grid of smaller rooms or classrooms. Each of these smaller rooms contains a desk or table. The entire plan is enclosed within a rectangular border, with various lines and symbols indicating walls, doors, and furniture. The drawing is a black and white line drawing, typical of architectural blueprints.

[illegible]4805 (3/11)

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

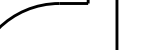
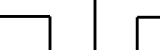
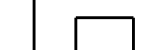
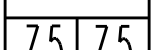
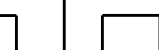
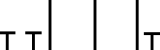
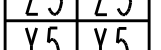
PART NUMBER	ROWS		POWER						SIGNAL						POWER																																																																																																																																																																																																																																																																																																																														
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	P11	P12																																																																																																																																																																																																																																																																																																																									
1-6450840-2	D C B A	 HD						Z5	Z5	Z5	Z5	Z5	Z5																																																																																																																																																																																																																																																																																																																																

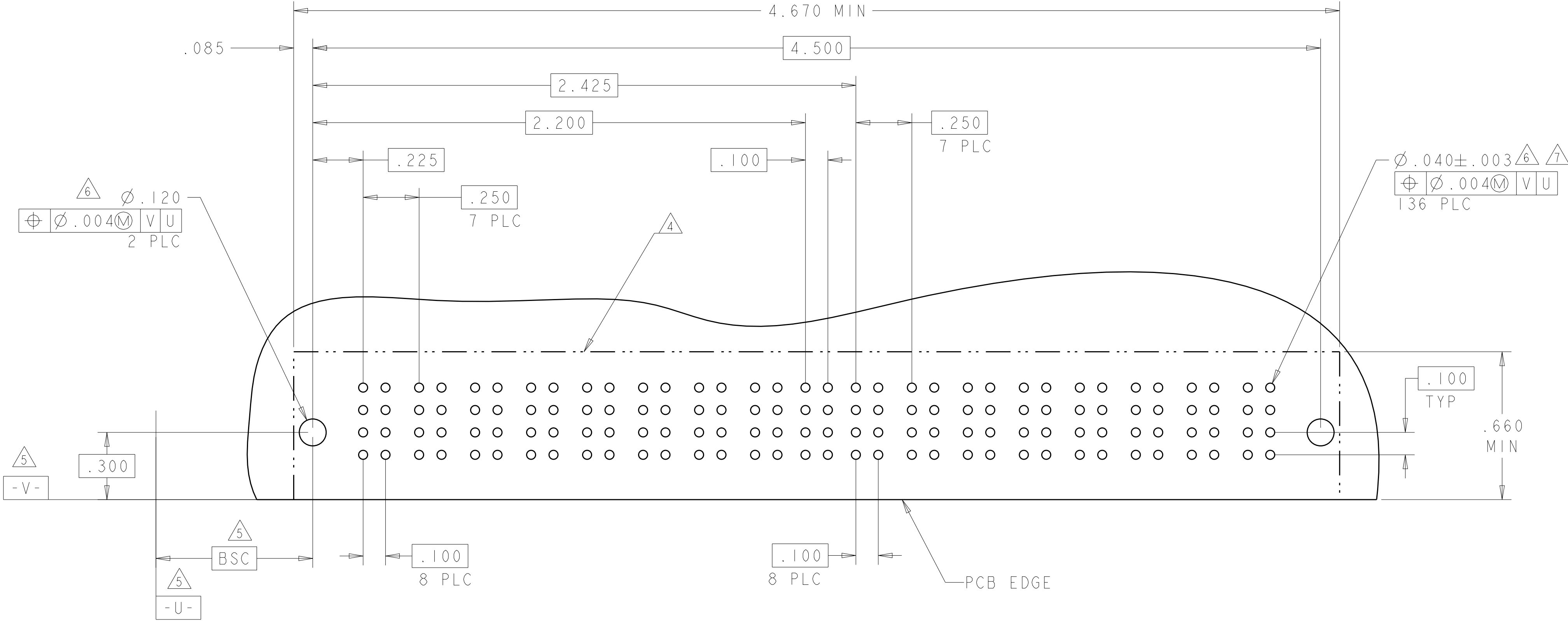
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2-6450840-0	D		LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	LT	Z5	Z5	Z5	Z5	Z5	Z5	TT	TT		
	C																			Y5	Y5	Y5	Y5	Y5	Y5				
	B																			R5	R5	R5	R5	R5	R5				R5
	A																			O5	O5	O5	O5	O5	O5				O5
18LP + 24S + 2P																													



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ALEX SHOAL	14DEC2007	 TE Connectivity
		CHK Sunny Zhao	20DEC2007	
		APVD Sunny Zhao	20DEC2007	
		NAME		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
		0 PLC ±"	108-2292	
		1 PLC ±.01	APPLICATION SPEC	
		2 PLC ±.005	114-13251	
		3 PLC ±.005	WEIGHT	A100779C=6450840
		4 PLC ±.0050	Customer Drawing	
		ANGLES ±2°	SCALE	
		FINISH	1:1	
MATERIAL			SHEET	9 OF 16
			REV	
			H4	

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	P8	1	2	P9	P10	P11	P12	P13	P14	P15	P16	
1-6450840-6	D C B A									Z5	Z5										
										Y5	Y5										
										R5	R5										
										O5	O5										
8P + 8S + 8P																					



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
CHK
SURY
APVD

ALEX SHOAL
Sury Zhao
Sury Zhao

14DEC2007
20DEC2007
20DEC2007

DIMENSIONS:
INCHES

0 PLC ±
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0050
ANGLES ±2°
FINISH

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

PRODUCT SPEC
APPLICATION SPEC
114-13251

WEIGHT
Customer Drawing

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

SIZE
A1

CAGE CODE
100779

DRAWING NO
C=6450840

RESTRICTED TO
-

SCALE
1:1

SHEET
10

OF
16

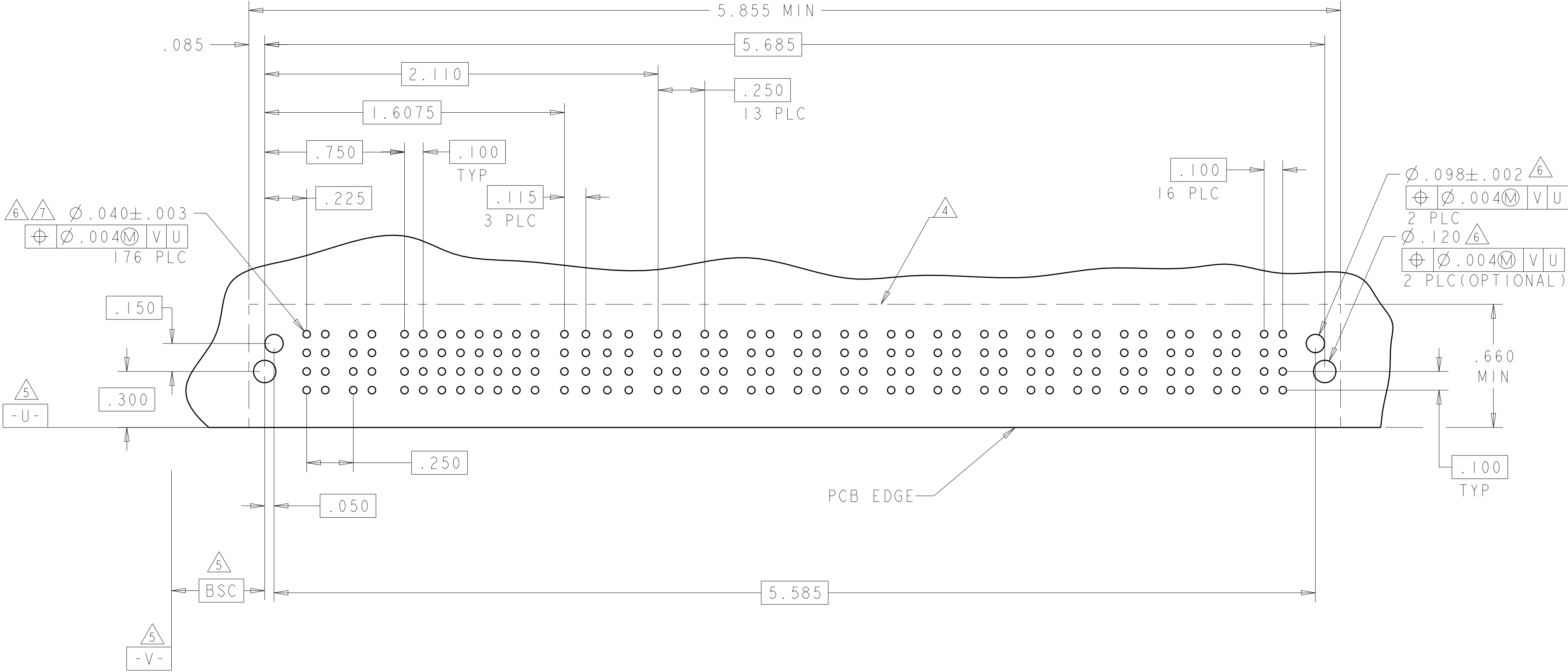
REV
H4

TE Connectivity

Customer Drawing

LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	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			
	Y5				Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5																				Y5	
	R5				R5	R5	R5	R5	R5	R5	R5	R5																				R5	R5
	A	HD			O5	O5	O5	O5	O5	O5	O5	O5	O5																			HD	
2P + 32S + 4LP + 14P																																	



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: ALEX SHOAL
CHK: Sunny Zhao
APVD: Sunny Zhao

DRAWING NO: 14DEC2007
Z0DEC2007
Z0DEC2007

DIMENSIONS:
INCHES

0 PLC ±
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0050
ANGLES #2°
FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

14DEC2007
Z0DEC2007
Z0DEC2007

PRODUCT SPEC
108-2292
APPLICATION SPEC
114-13251
WEIGHT

MATERIAL

-

Customer Drawing

NAME

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

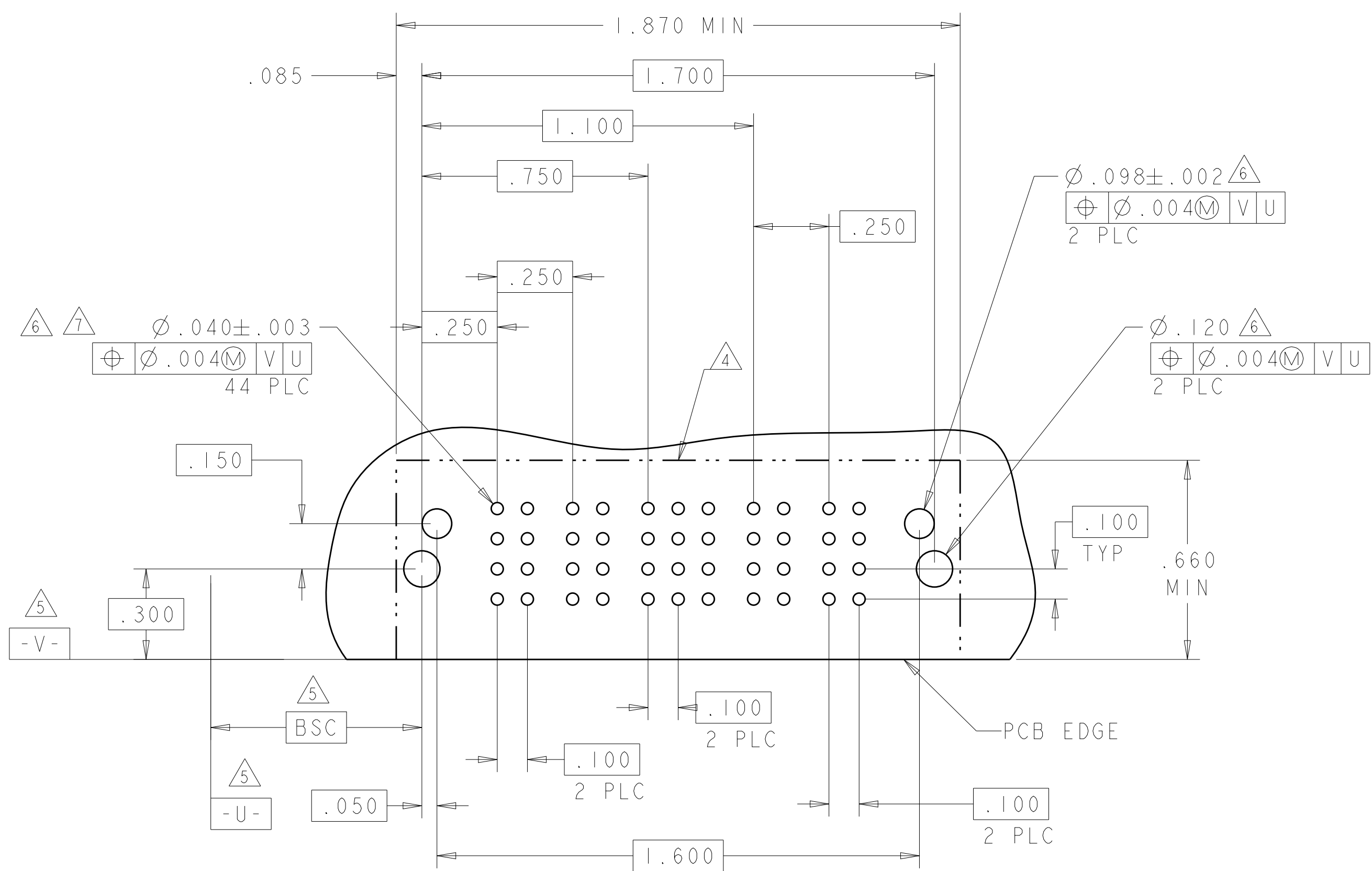
SIZE: A1
CAGE CODE: 00779
DRAWING NO: C=6450840

RESTRICTED TO

-

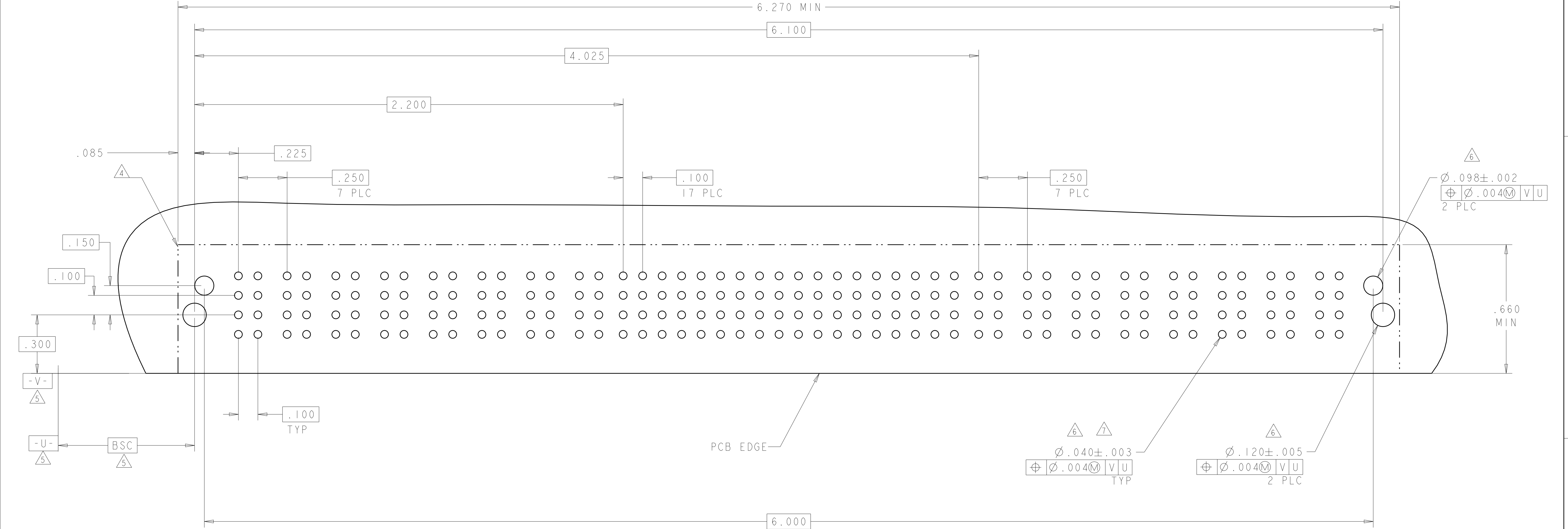
SCALE: 1:1
SHEET: 11
OF: 16
REV: H4

PART NUMBER	ROWS		POWER		SIGNAL				POWER		
			P1	P2	1	2	3	4	P3	P4	
2-6450840-5	D			TT	TT	Z5	Z5	Z5	TT	TT	
	C					Y5	Y5	Y5			
	B					R5	R5	R5			
	A					O5	O5	O5			
HD											
2P + 16S + 2P											

4805 (3/11)

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

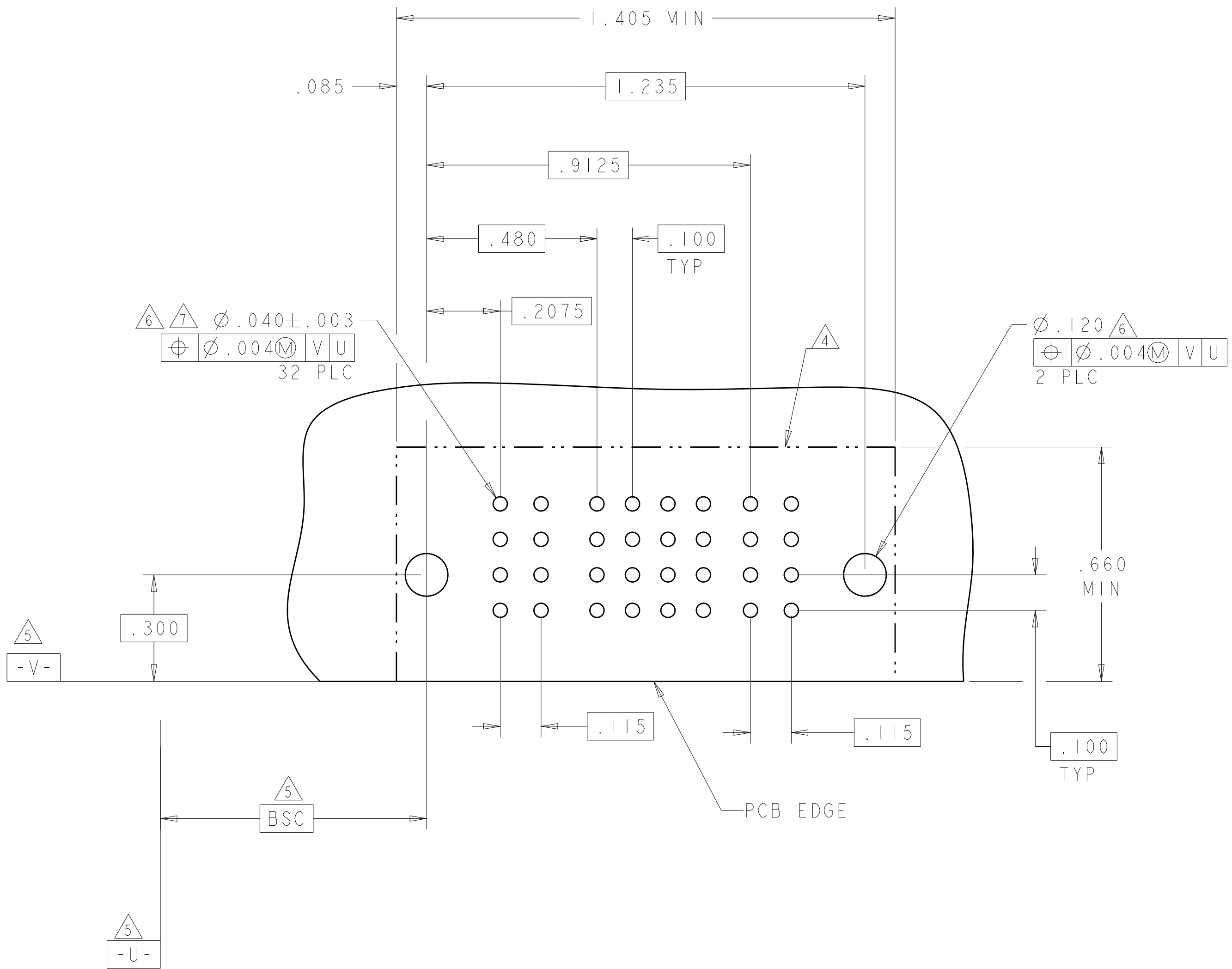
PART NUMBER	ROWS		POWER								SIGNAL																		POWER													
			P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	P9	P10	P11	P12	P13	P14		P15	P16					
2-6450840-3	D C B A		TT	TT	TT	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	TT	TT	TT	TT	TT	TT	TT	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
										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
										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
8P + 72S + 8P																																			HD							



G7

4805 (3/11)

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											

4805 (3/11)

C