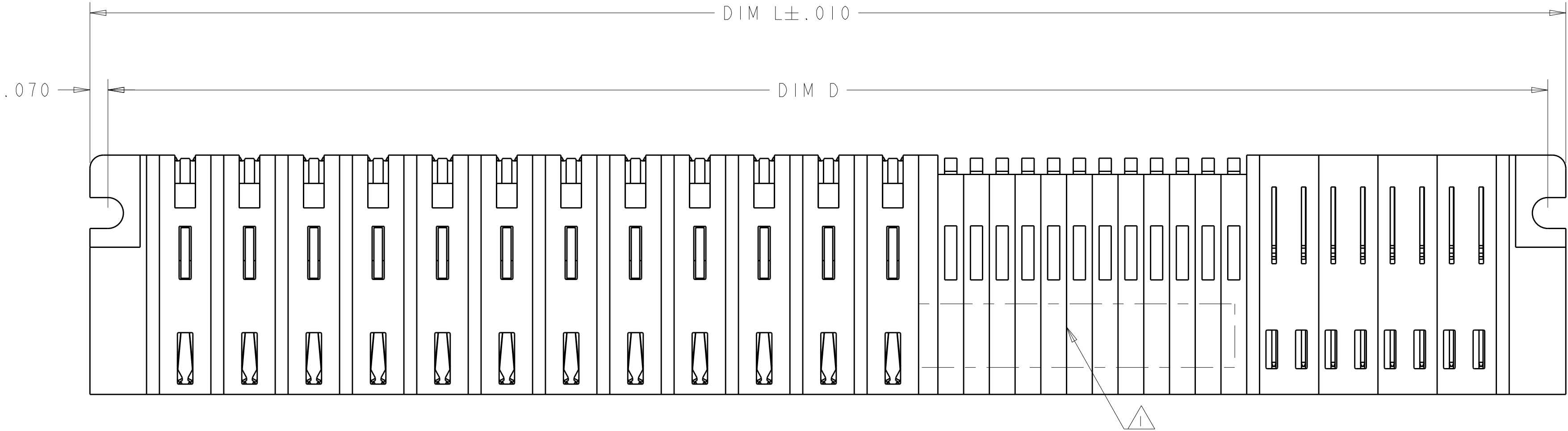
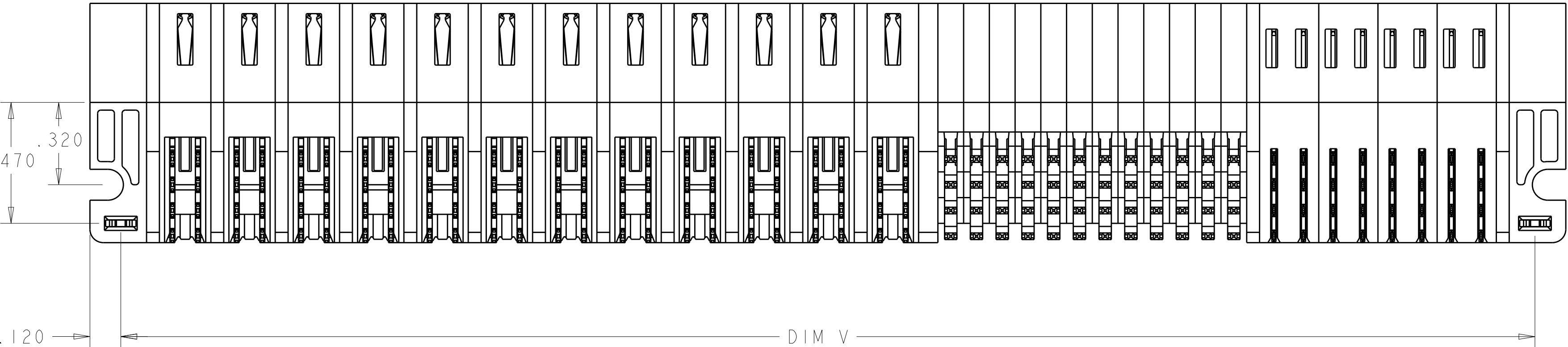
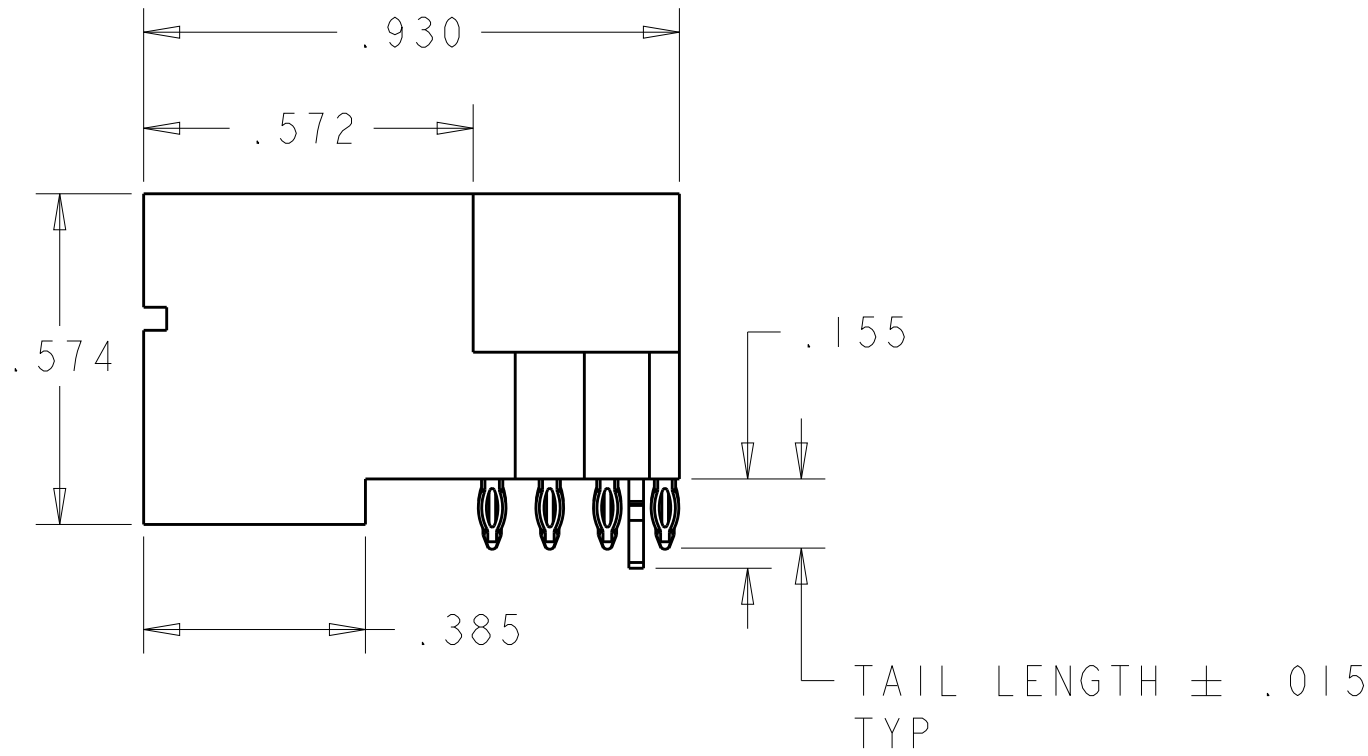
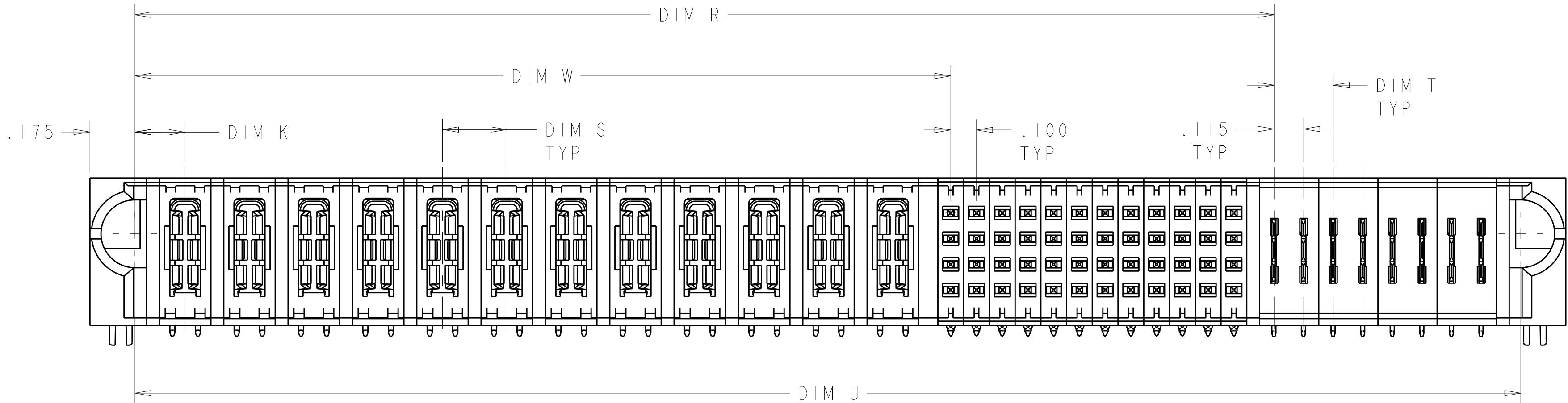


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
ES	00		G9	ADD NEW DASH NUMBER 2-9	04MAY2012	CZ	SZ	
			H2	REV PER ECR-12-020199	22NOV2012	CZ	SZ	
			H4	ADDED THE NEW DASH NUMBER -33	28DEC2012	ML	SZ	



- 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.



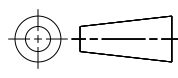
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ALEX SHOAL CHK Sunny Zhao APVD Sunny Zhao	14DEC2007 20DEC2007 20DEC2007	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251	NAME RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE	
MATERIAL		0 PLC ±" 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0050 ANGLES ±2° FINISH	SIZE 114-13251 WEIGHT -	SIZE A100779 CAGE CODE C=6450840 DRAWING NO Customer Drawing	
				RESTRICTED TO -	
				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 ±7°

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
-

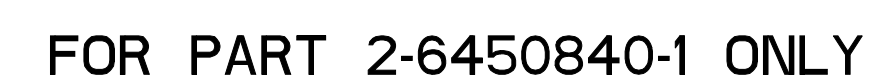
Customer Drawing

SCALE
1:1

SHEET
2

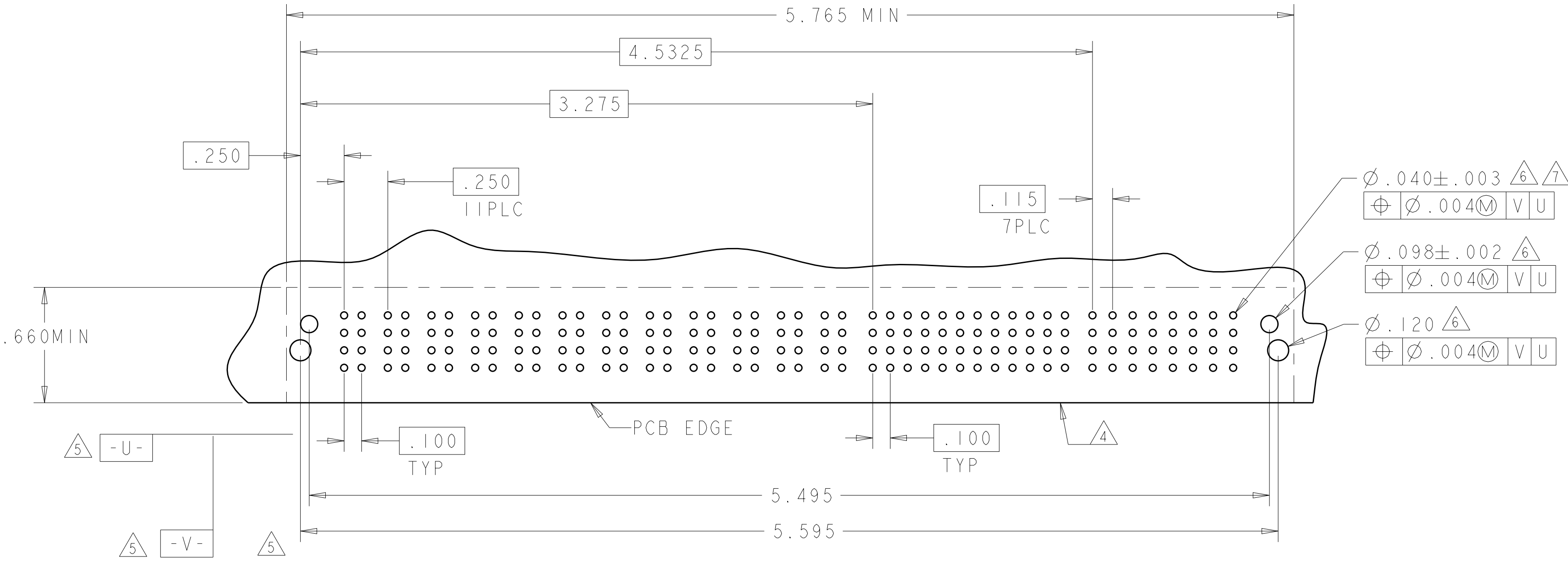
OF
16

REV
H4

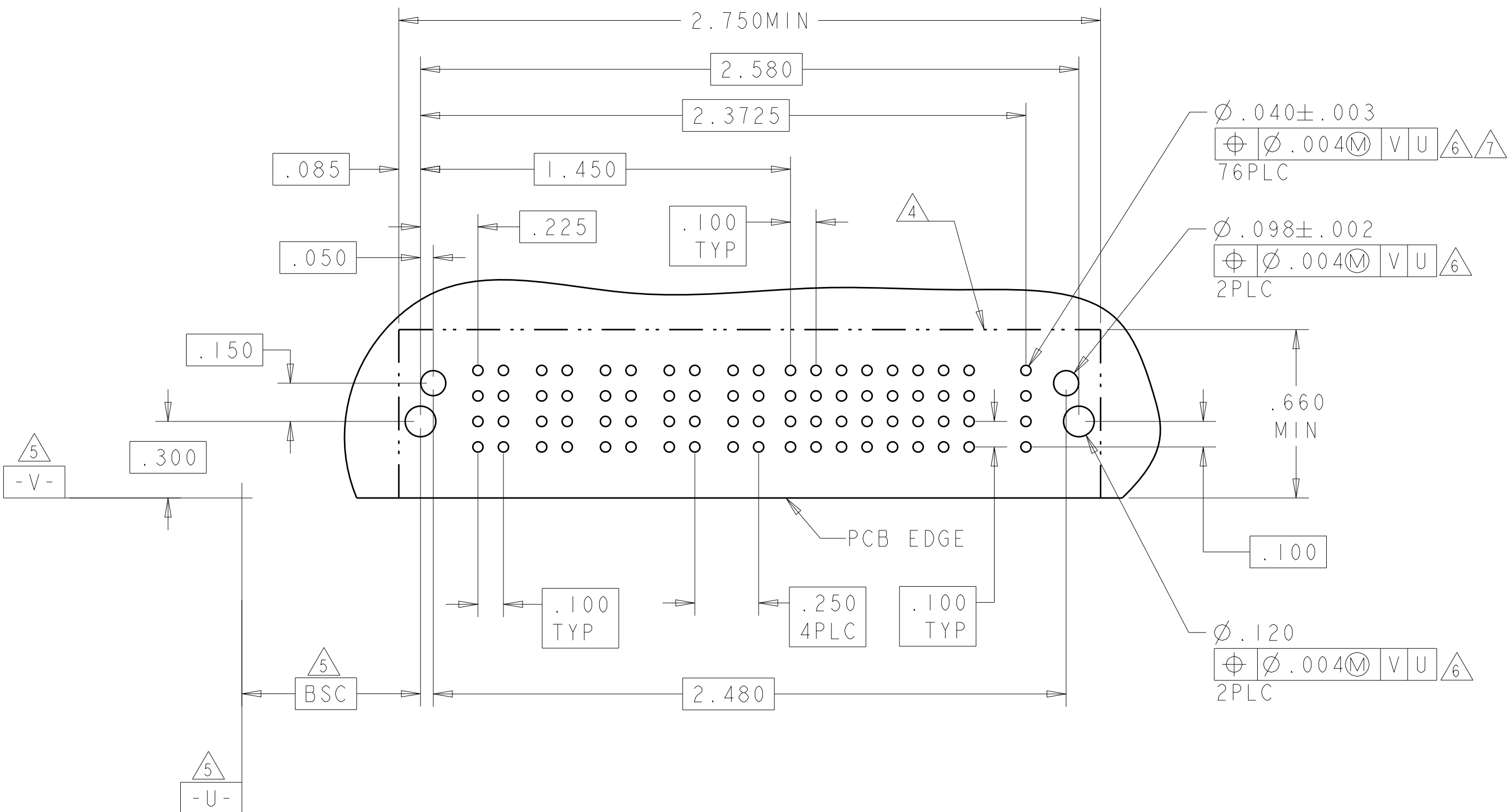


LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
ES	00	-	-	SEE SHEET 1	-	-

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		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									Y5		
	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		
12P + 48S + 8LP																																				

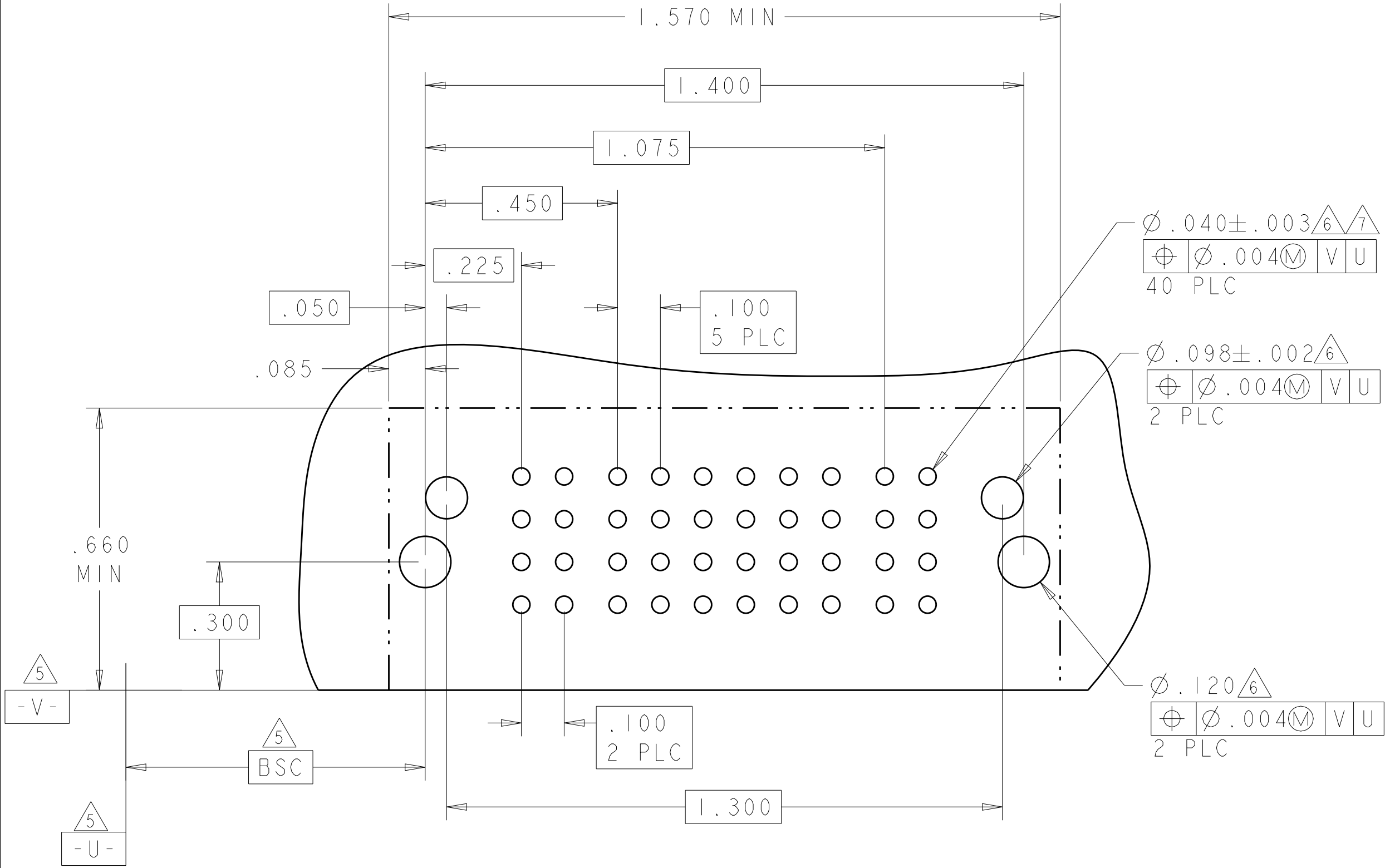


PART NUMBER	ROWS		POWER					SIGNAL								POWER		
			P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	LP1	LP2	
6450840-6	D		TT	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z1	LT		
	Y5							Y5	Y5	Y5	Y5	Y5	Y5	Y5				
	R5							R5	R5	R5	R5	R5	R5	R5				
	A	HD						05	05	05	05	05	05	05	05			05
5P + 32S + 2LP																		

4805 (3/11)

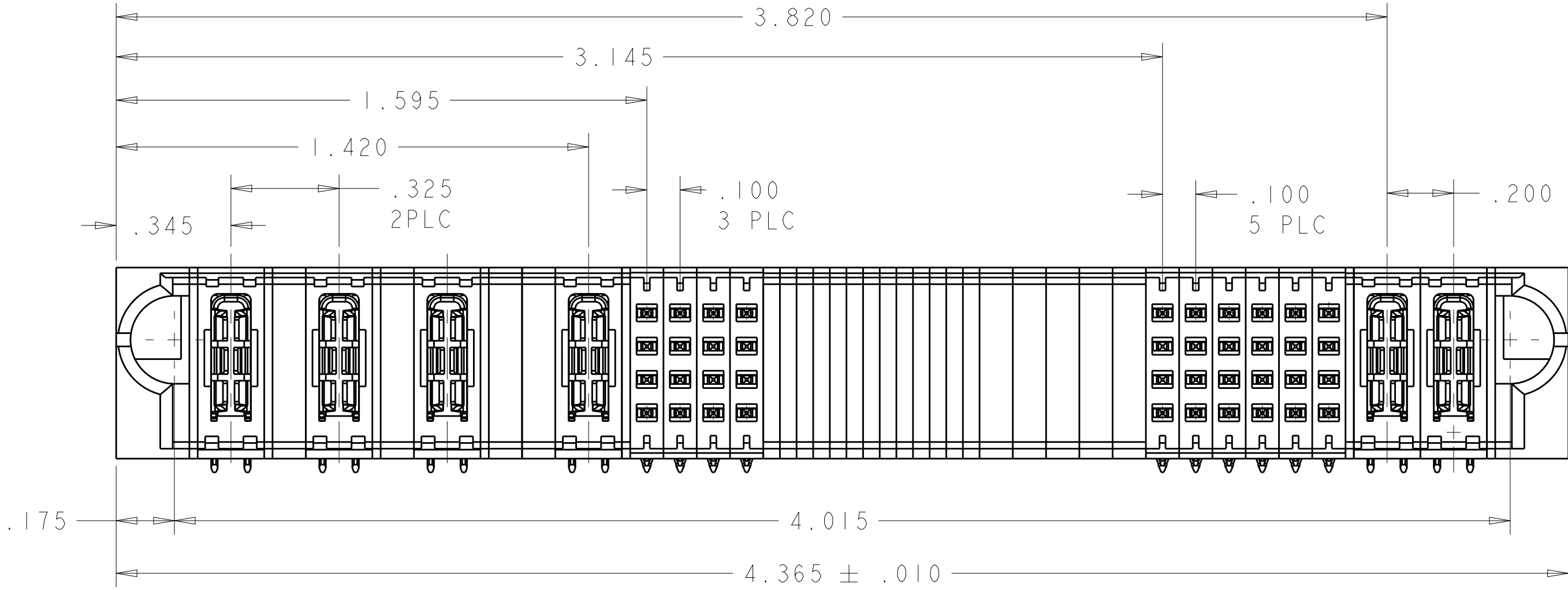
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER	SIGNAL						POWER	
			P1	1	2	3	4	5	6	P2	
6450840-7	D C B A		TT	Z5	Z5	Z5	Z5	Z5	Z5	TT	
				Y5	Y5	Y5	Y5	Y5	Y5		
				R5	R5	R5	R1	R5	R5		
				05	05	05	05	05	05		
IP + 24S + IP											

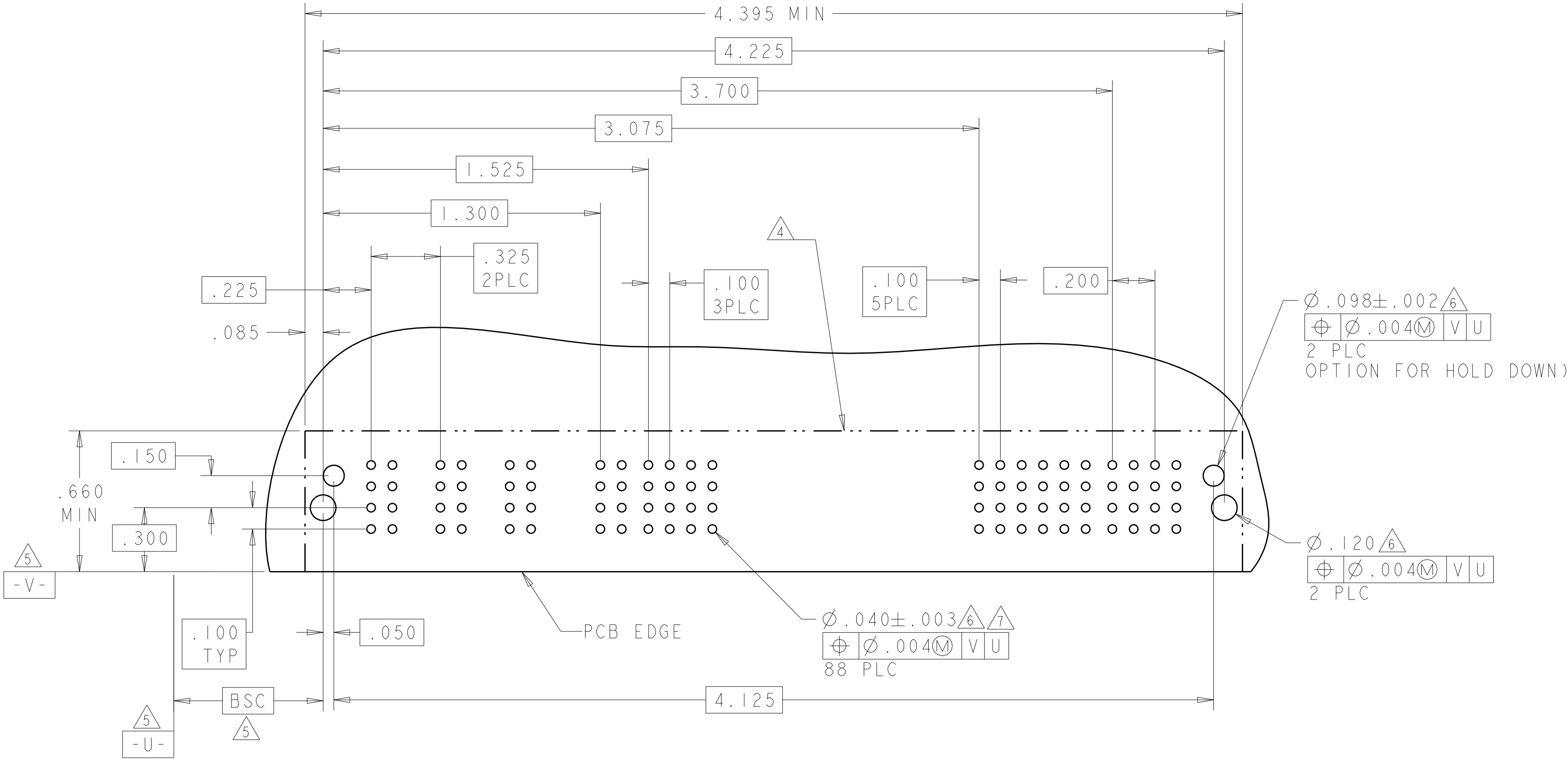


PART NUMBER	ROWS		POWER	SIGNAL						POWER	
			P1	1	2	3	4	5	6	P2	
1-6450840-5	D C B A		TT	Z5	Z5	Z5	Z5	Z5	Z5	TT	
				Y5	Y5	Y5	Y5	Y5	Y5		
				R5	R5	R5	R5	R5	R5		
				O5	O5	O1	O5	O5	O5		
IP + 24S + IP											

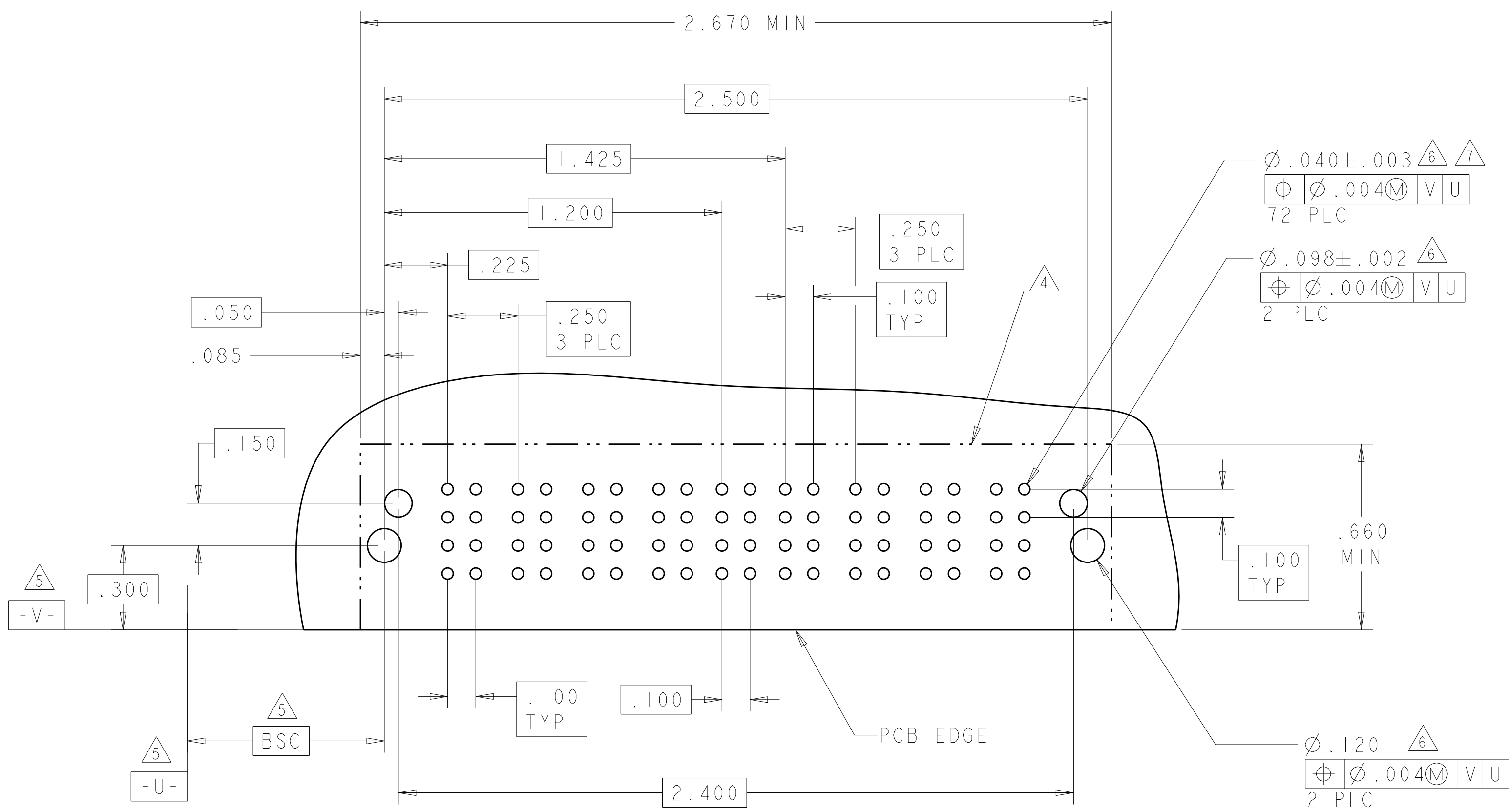
LAYOUT OF 1-6450840-5 IS SAME AS 6450840-7.



PART NUMBER	ROWS		POWER				SIGNAL				BLANK	SIGNAL						POWER				
			P1	P2	P3	P4	1	2	3	4		5	6	7	8	9	10	P5	P6			
6450840-8	D C B A						Z5	Z5	Z5	Z5	BLANK	Z5	Z5	Z5	Z5	Z5	Z5					
							Y5	Y5	Y5	Y5		Y5	Y5	Y5	Y5	Y5	Y5					
							R5	R5	R5	R5		R5	R5	R5	R5	R5	R5					
							05	05	05	05		05	05	05	05	05	05					
4P + 16S + 24S + 2HDP																						

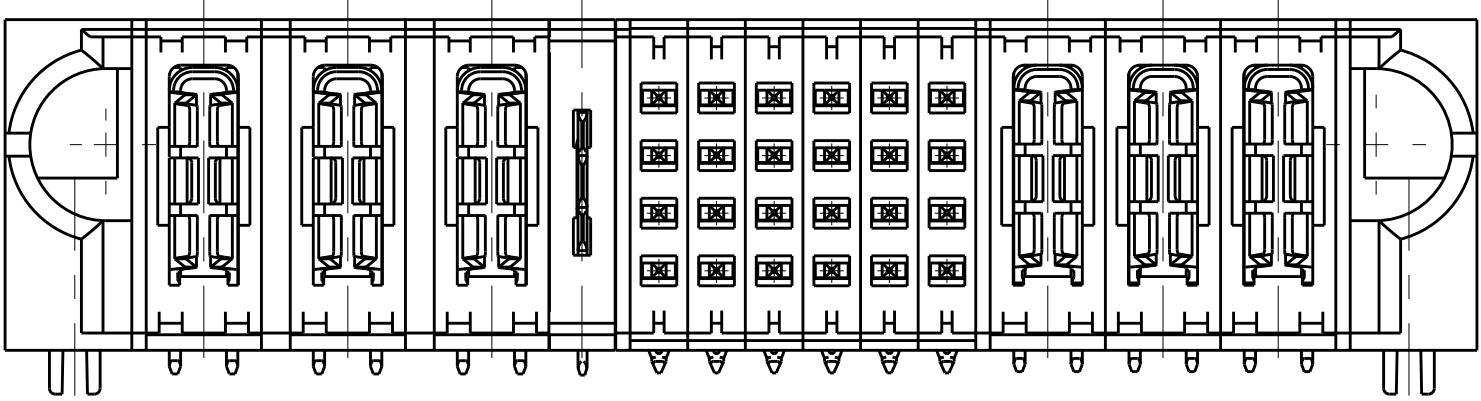


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN ALEX SHOAL	14DEC2007		TE Connectivity	
DIMENSIONS: INCHES		CHK Sunny Zhao	20DEC2007		NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD Sunny Zhao	20DEC2007		RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE	
0 PLC ±.01		PRODUCT SPEC			SIZE	
1 PLC ±.01		108-2292			CAGE CODE	
2 PLC ±.01		APPLICATION SPEC			DRAWING NO	
3 PLC ±.005		114-13251			RESTRICTED TO	
4 PLC ±.0050		WEIGHT			A100779	
ANGLES FINISH		Customer Drawing			C6450840	
MATERIAL		SCALE		1:1		
-		SHEET		6 OF 16		
-		REV		H4		

[illegible]4805 (3/11)

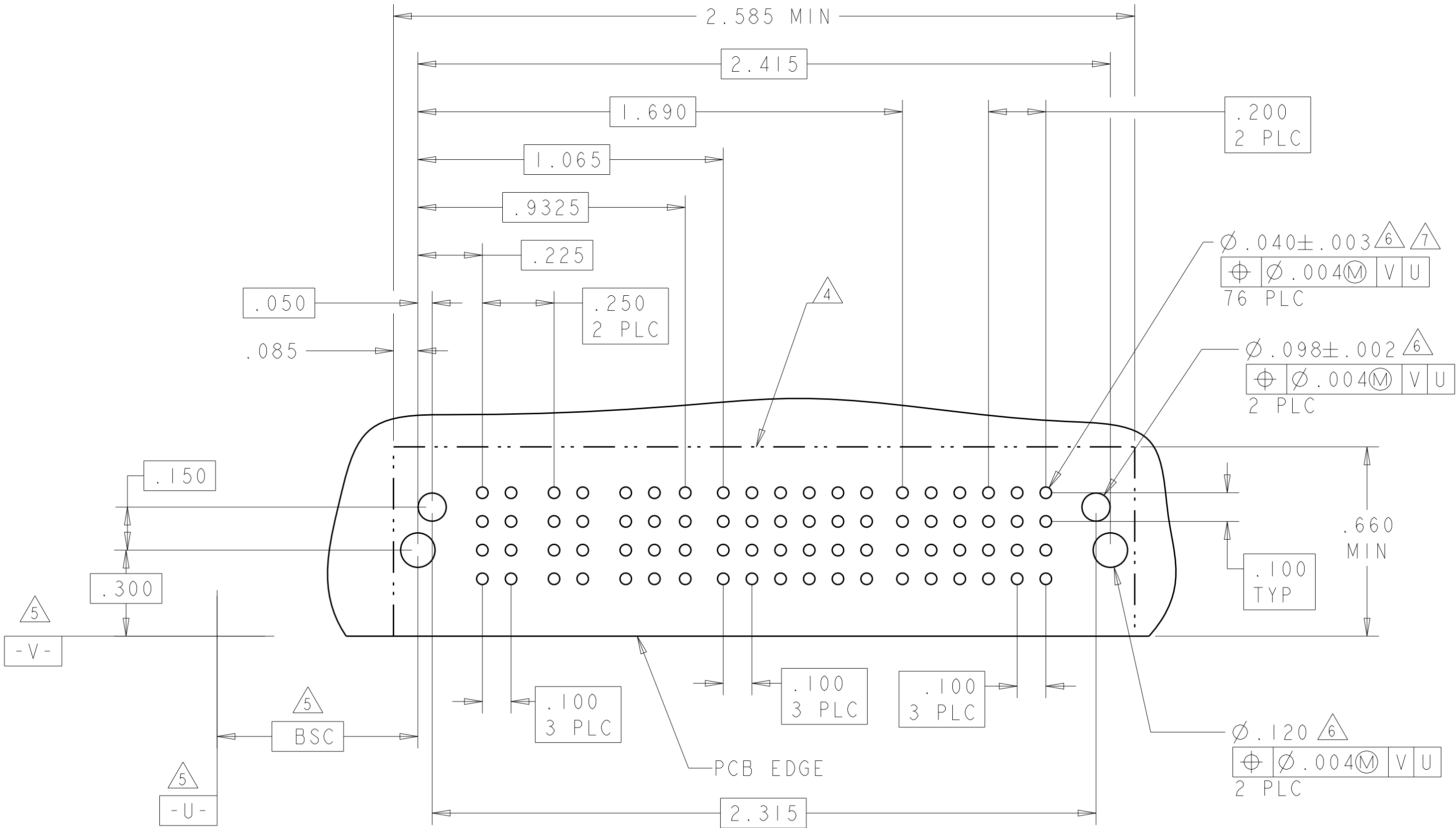
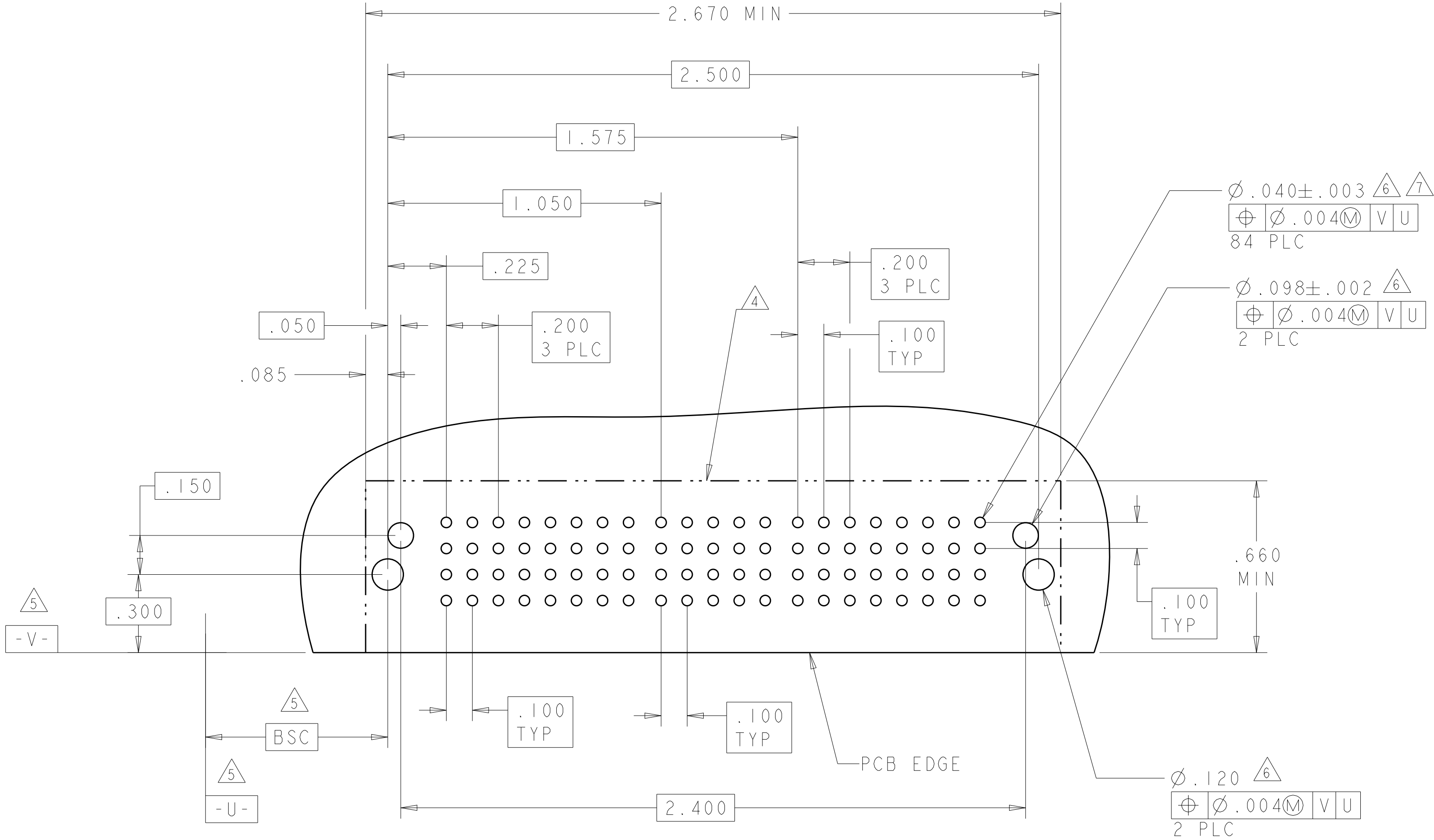
LOC		DIST		REVISONS			
P	LTR	DESCRIPTION		DATE	OWN	APVD	
-	-	SEE SHEET 1		-	-	-	

PART NUMBER	ROWS		POWER				SIGNAL					POWER				
			P1	P2	P3	P4	1	2	3	4	5	P5	P6	P7	P8	
1-6450840-1	D	HD	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	TT	TT	TT	TT	HD
	C						Y5	Y5	Y5	Y5	Y5					
	B						R5	R5	R5	R5	R5					
4HDP + 20S + 4HDP	A						O5	O5	O5	O5	O5					



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	HD	TT	TT	TT	LT	Z5	Z5	Z5	Z5	Z5	Z5	TT	TT	TT	HD
	C						Y5	Y5	Y5	Y5	Y5	Y5				
	B						R5	R5	R5	R5	R5	R5				
3P + 1LP + 24S + 3HDP	A						O5	O5	O5	O5	O5	O5				



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

PRODUCT SPEC
108-2292

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

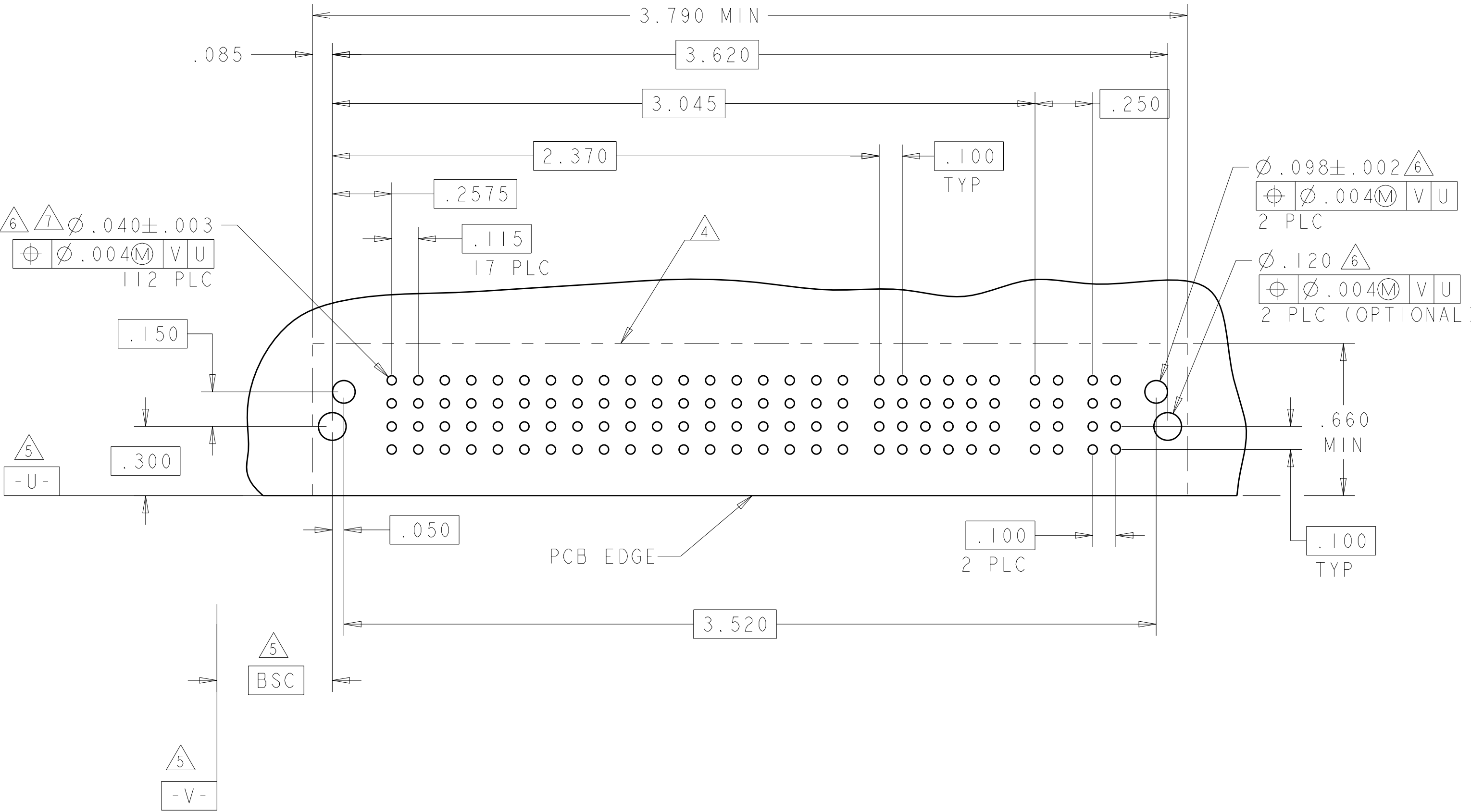
SHEET
8

OF
16

REV
H4

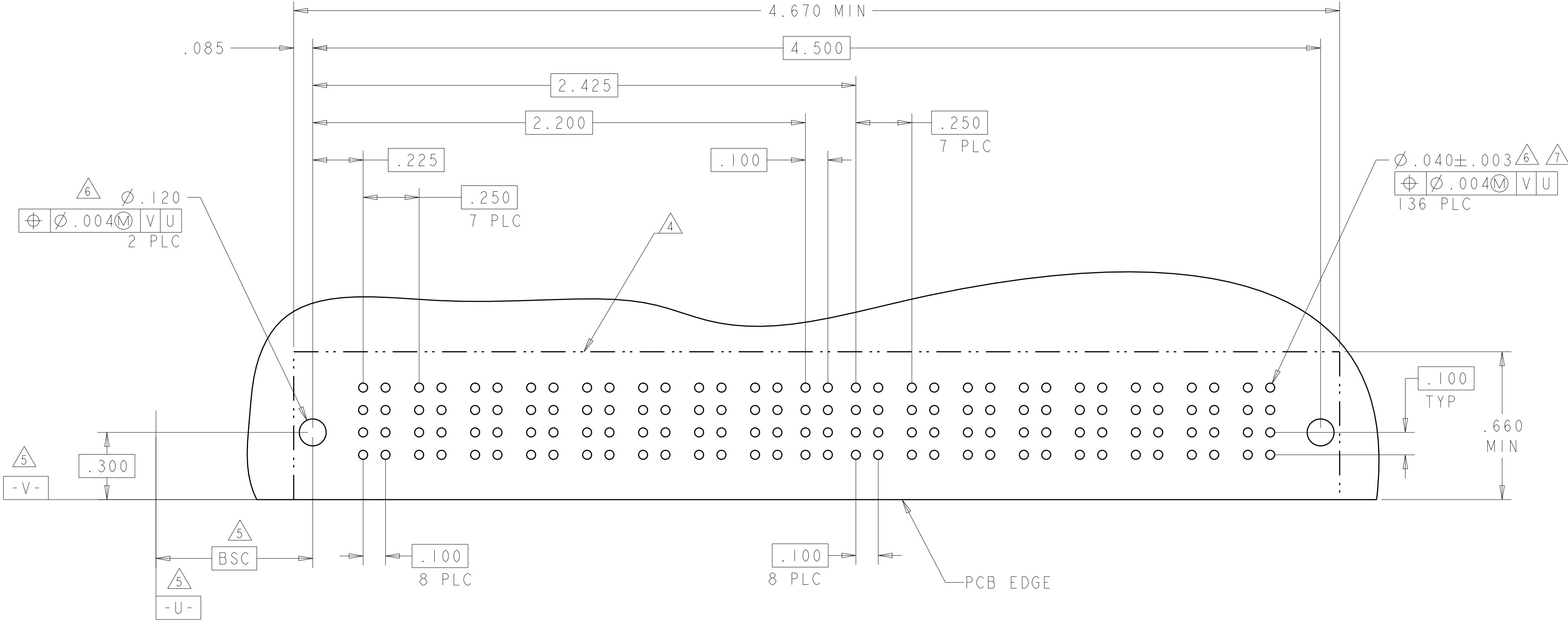
TE Connectivity

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	Z5	Z5	Z5	Z5	Z5	Z5	TT	TT		
	Y5																			Y5	Y5	Y5	Y5	Y5					
	R5																			R5	R5	R5	R5	R5					
	O5	O5																		O5	O5	O5	O5						
	A	HD																									HD		
18LP + 24S + 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	P9	P10	P11	P12	P13	P14	P15	P16	
1-6450840-6	D C B A										Z5	Z5									
											Y5	Y5									
											R5	R5									
											Q5	Q5									
8P + 8S + 8P																					



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN

CHK

APVD

DATE

ALEX SHOAL

Sunny Zhao

Sunny Zhao

14DEC2007

PRODUCT SPEC

APPLICATION SPEC

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

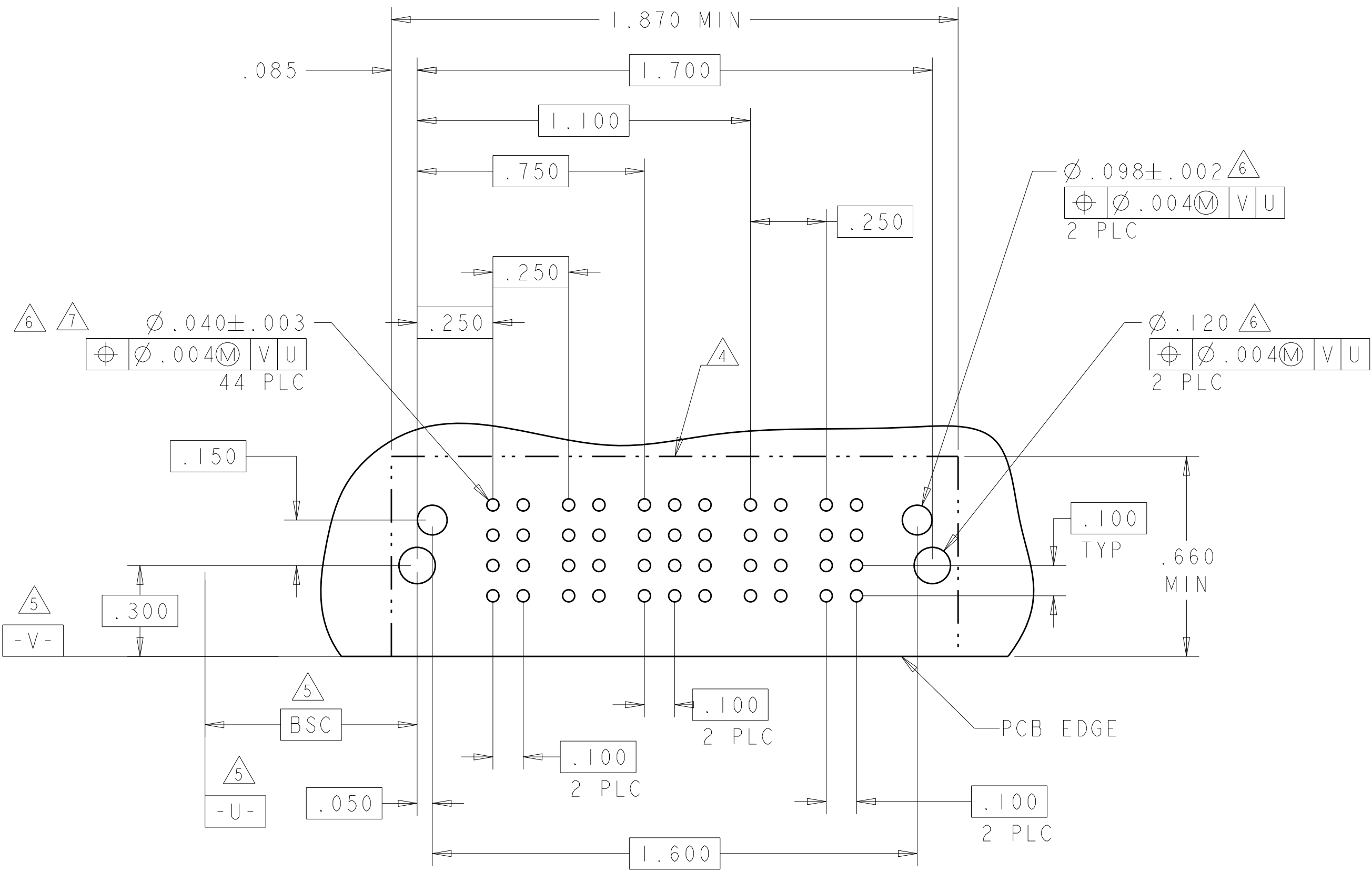
16

REV

H4

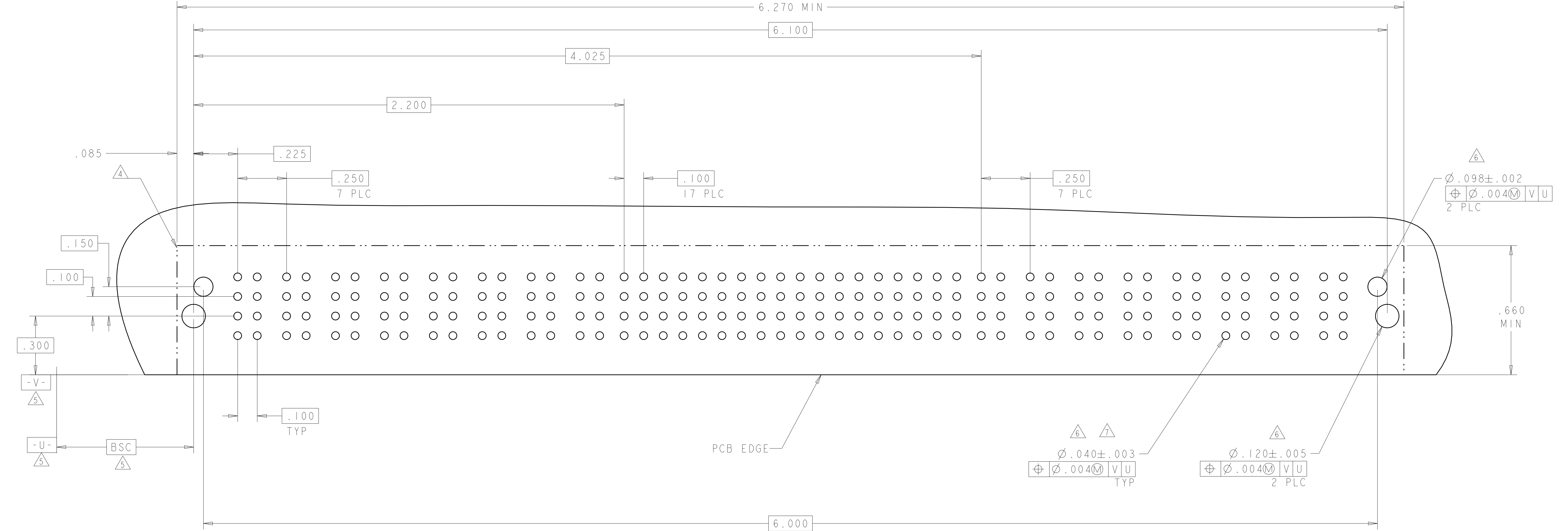
[illegible]4805 (3/11)

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	HD	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	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	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	O5
8P + 72S + 8P																																			HD								

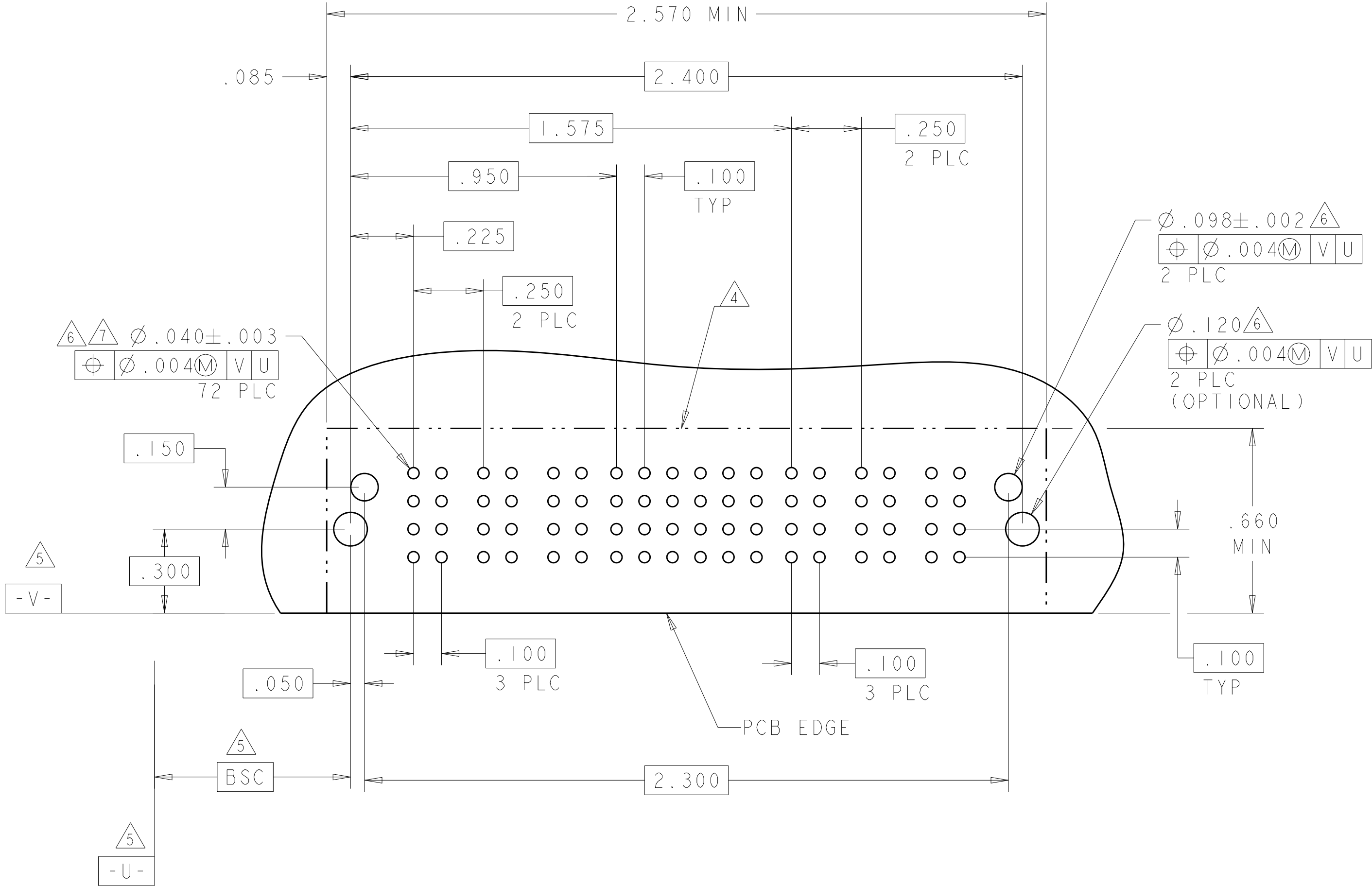


G7

4805 (3/11)

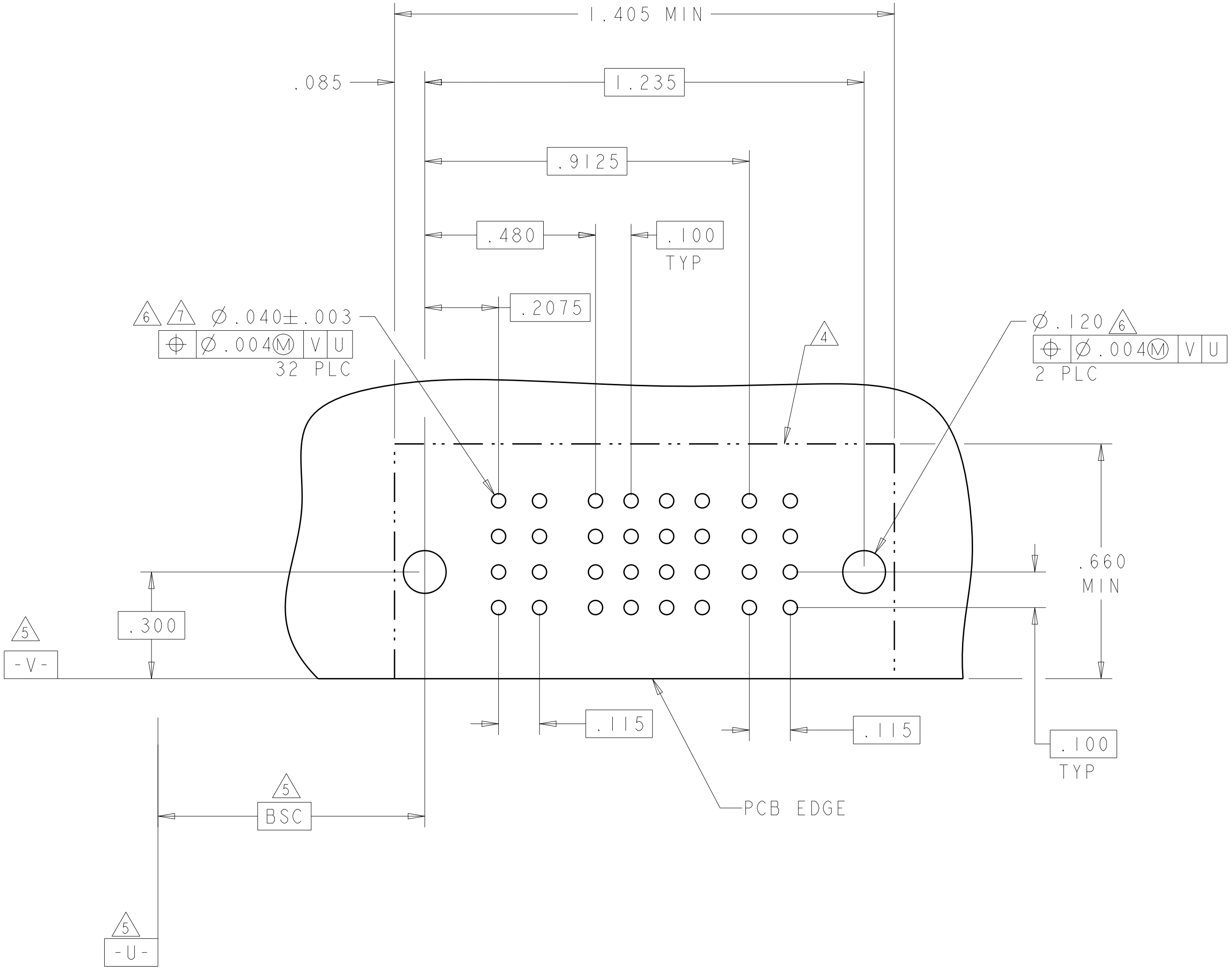
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	-		SEE SHEET 1	-	-	-

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	
	Y5					Y5	Y5	Y5	Y5	Y5					
	R5					R5	R5	R5	R5	R5					
	01					05	05	05	05	05					
3P + 24S + 3P															



H2

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				05	05	05	05			
2LP + 16S + 2LP											



THIS DRAWING IS A CONTROLLED DOCUMENT				DWN ALEX SHOAL 14DEC2007	 TE Connectivity			
DIMENSIONS: INCHES 				CHE Sunny Zhao 20DEC2007				
				APVD Sunny Zhao 20DEC2007				
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0. PLC .01 1. PLC .01 2. PLC .01 3. PLC .005 4. PLC .0050 ANGLES FILLISH				NAME RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE		RESTRICTED TO -		
				PRODUCT SPEC 108-2232				
				APPLICATION SPEC 114-13251				
				WEIGHT -				
				MATERIAL -				
Customer Drawing				SCALE 1:1		SHEET 16 OF 16		REV. H

