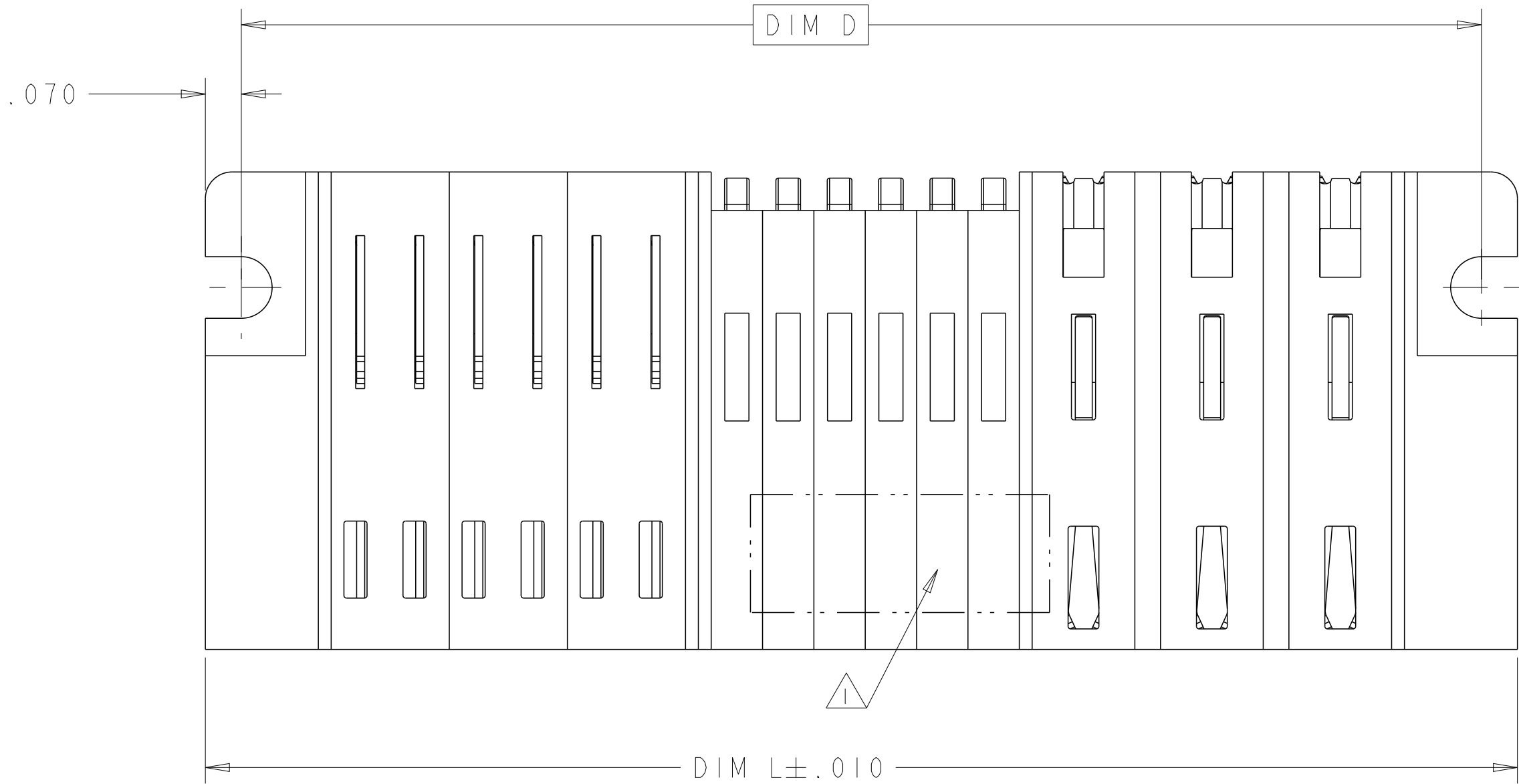
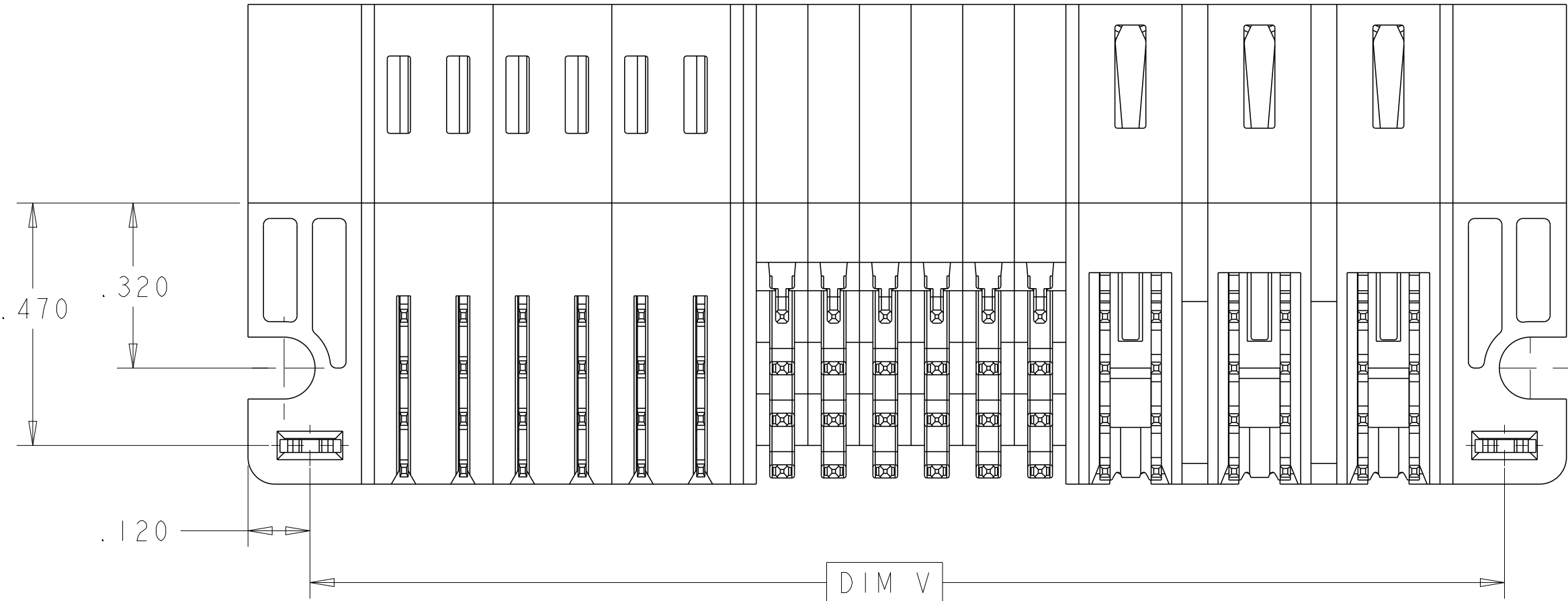
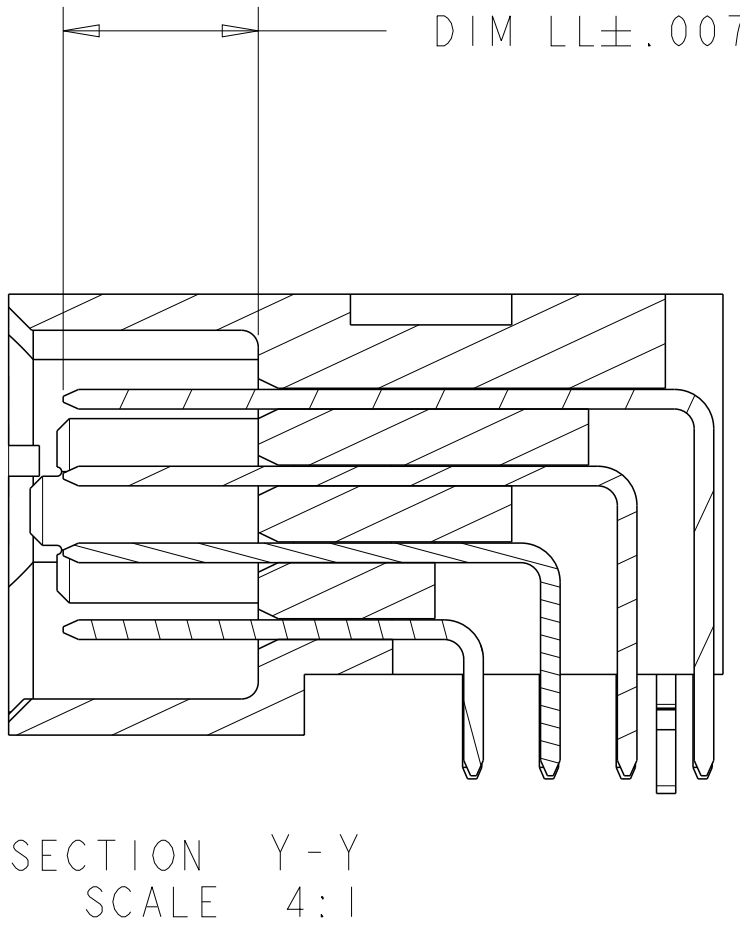
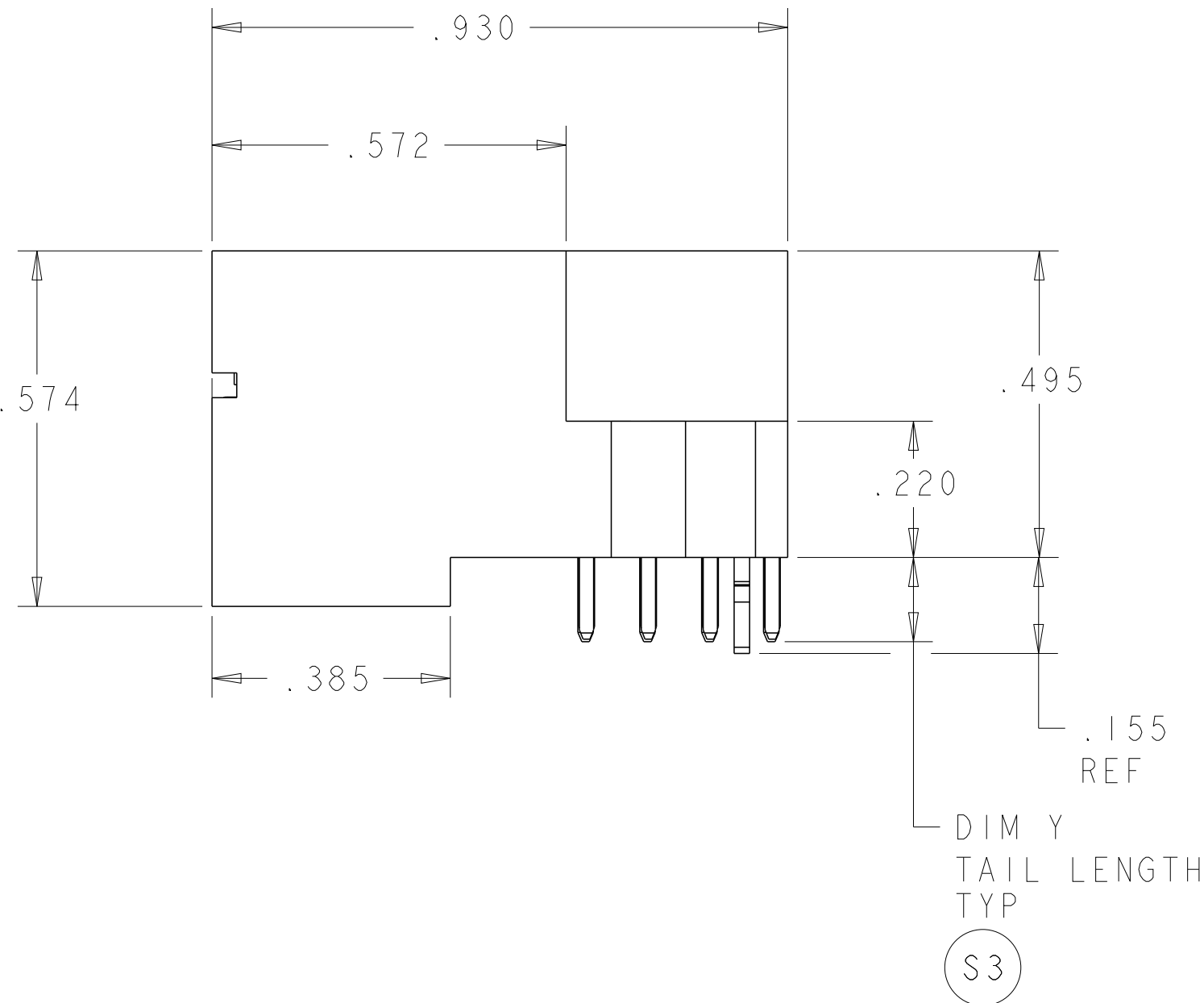
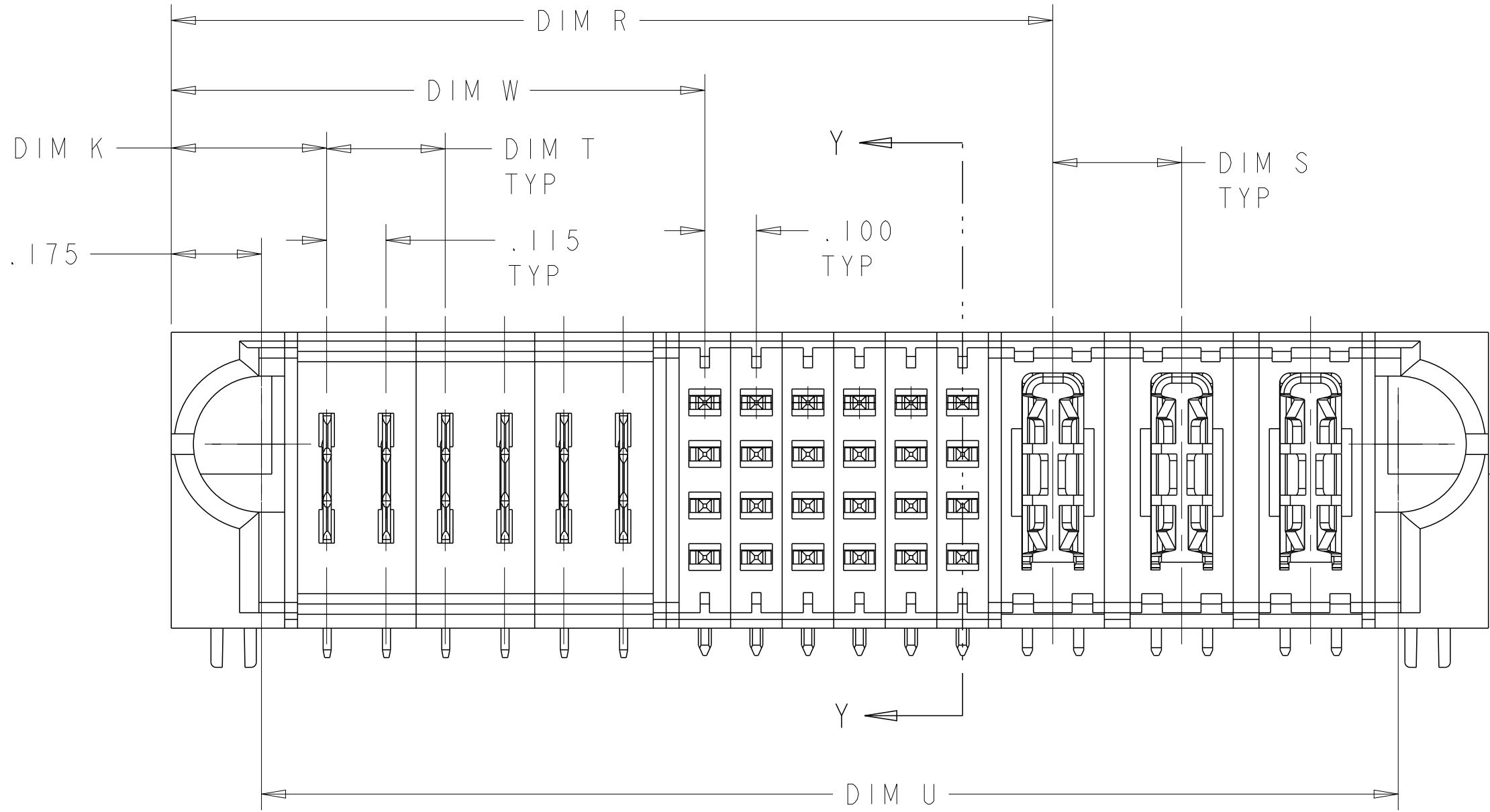


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
ES	00		R9	REVISED 8-1	05NOV2014	CZ	SZ	
			S	ADD NEW DASH NUMBER 8-2	07FEB2015	CZ	SZ	
			S2	REVISED 8-2 CUSTOMER	09MAR2015	CZ	SZ	
			S3	REVISED TE LOGO, ADDED TAIL LENGTH DIM Y	23OCT2024	VNB	PS	



- 1 "TE", PART NUMBER AND DATE CODE 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, UL94 V-0
SIGNAL CONTACT - HIGH CONDUCTIVITY 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 - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- 7 PCB - 0.0453 ±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn
OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 ±.030 HOLE
- 8 VARIABLE DIMENSIONS SHOW ON TABLE OR PART VIEW
- 9 REFER TO PAGE 10 FOR DETAIL DIMENSIONS.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. ZHAO	10APR2007	TE Connectivity RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
DIMENSIONS: INCHES		CHK S. ZHAO	10APR2007		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. ZHAO	-		
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH		PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 WEIGHT -	SIZE CAGE CODE DRAWING NO A100779C=6450830		
MATERIAL :		CUSTOMER DRAWING		SCALE 2:1	SHEET 1 OF 42
				REV S3	

8		7		6		5		4		3		2		1	
THIS DRAWING IS UNPUBLISHED.				RELEASED FOR PUBLICATION				20							
© COPYRIGHT 20				ALL RIGHTS RESERVED.											

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

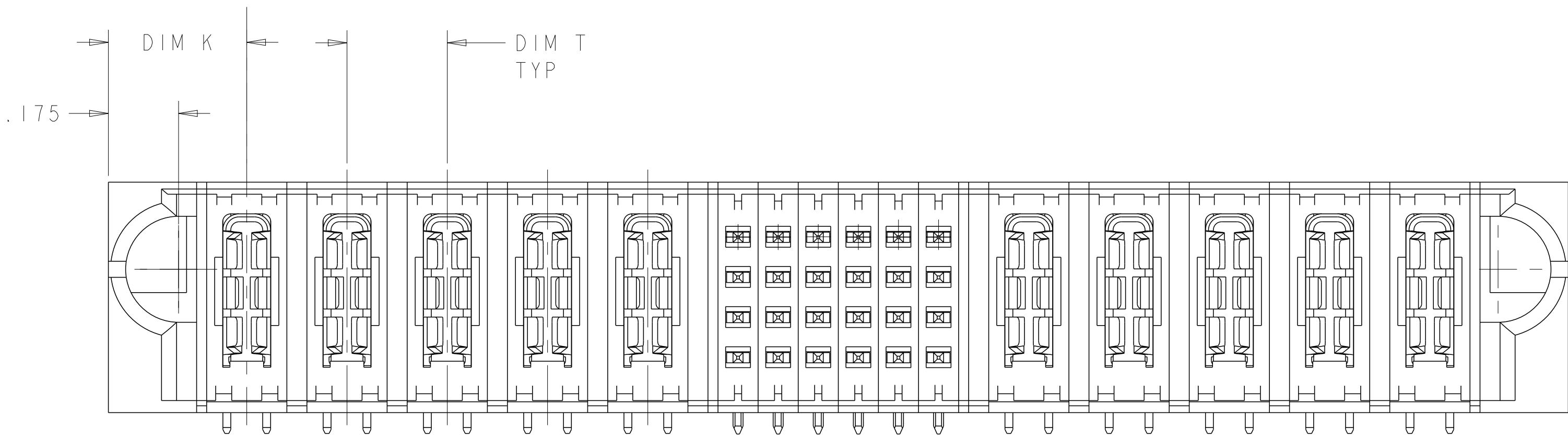
.135±.015	1.000	.895	.570	.890	-	-	1.100	1.240	.345	IP + 8S + IP	7-6450830-2
.135±.015	4.750	3.645	3.070	4.640	.250	△8	4.850	4.990	.370	3ACP + 7P + 20S + 5P	7-6450830-1
.135±.015	3.850	3.4675	1.010	3.740	.230	.230	3.950	4.090	.2775	6LP + 96S + 4LP	7-6450830-0
.135±.015	3.850	3.4675	1.010	3.740	.230	.230	3.950	4.090	.2775	6LP + 96S + 4LP	6-6450830-9
.135±.015	2.420	2.0375	.780	2.310	.230	.230	2.520	2.660	.2775	4LP + 48S + 4LP	6-6450830-8
.135±.015	5.400	4.5575	1.700	5.290	.230	.230	5.500	5.640	.2775	12LP + 112S + 8LP	6-6450830-7
.135±.015	2.860	2.4775	1.820	2.750	.230	.300	2.960	3.100	.370	5ACP + 24S + 4LP	6-6450830-6
.135±.015	2.225	1.620	1.045	2.115	.250	.250	2.325	2.465	.345	3P + 20S + 3P	6-6450830-4
.135±.015	3.600	2.895	1.795	3.490	.300	.250	3.700	3.840	.345	6P + 40S + 3ACP	6-6450830-3
.135±.015	3.030	△8	1.345△8	2.920	△8	△8	3.130	3.270	.345△8	5HDP + 24S + IP + 7LP	6-6450830-2
.135±.015	1.135	.9825	.550	1.025	-	-	1.235	1.375	.2775	2LP + 16S + 2LP	6-6450830-0
.135±.015	3.200	3.120	2.370	3.090	-	.300	3.300	3.440	.320	7ACP + 24S + IP	5-6450830-8
.135±.015	2.800	1.945	1.270	2.690	.250	.250	2.900	3.040	.345	4P + 24S + 4P	5-6450830-7
.135±.015	2.700	1.595	1.120	2.590	.250	.300	2.800	2.940	.345	3ACP + 16S + 5P	5-6450830-6
.135±.015	2.655	2.5025	2.145	2.545	.115	△8	2.755	2.895	.345	3ACP+3P+12S+2LP	5-6450830-5
.135±.015	1.350	1.020	.745	1.240	.250	.250	1.450	1.590	.320	2P + 8S + 2P	5-6450830-4
.135±.015	2.450	1.595	1.120	2.340	.250	.300	2.550	2.690	.345	3ACP + 16S + 4P	5-6450830-3
.135±.015	2.350	1.670	1.095	2.240	.200	.200	2.450	2.590	.320	4HDP + 20S + 4HDP	5-6450830-2
.135±.015	1.300	1.145	.520	1.190	-	-	1.400	1.540	.345	IP + 24S + IP	5-6450830-1
.135±.015	1.025	.7575	.550	.915	-	-	1.125	1.265	.2775	2LP + 8S + 3LP	5-6450830-0
.135±.015	2.300	1.6950	1.020	2.190	.250	.250	2.400	2.540	.3450	3P + 24S + 3P	4-6450830-9
.135±.015	2.995	2.190	1.415	2.885	.350	.280	3.095	3.235	.3025	8LP + 24S + 3P	4-6450830-8
.135±.015	1.280	.875	.575	1.170	.250	-	1.380	1.520	.3015	2LP + 8S + 2P	4-6450830-7
.135±.015	1.750	1.345	.845	1.640	.250	.250	1.850	1.990	.395	2P + 16S + 2P	4-6450830-6
.135±.015	2.300	1.6950	1.020	2.190	.250	.250	2.400	2.540	.3450	3P + 24S + 3P	4-6450830-5
.135±.015	1.600	1.245	.770	1.490	.250	.250	1.700	1.840	.3450	2P + 16S + 2P	4-6450830-4
.135±.015	6.100	2.195	1.845	5.990	.250	.375	6.200	6.340	.395	4P + 12S + 16P	4-6450830-3
.135±.015	2.500	1.645	1.270	2.390	.250	.250	2.600	2.740	.3450	4P + 12S + 4P	4-6450830-2
.135±.015	3.675	2.445	2.045	3.565	.375	.375	3.775	3.915	.3450	5ACP + 12S + 4ACP	3-6450830-8
.135±.015	1.190	-	1.060	1.080	-	.230	1.290	1.430	.3775	6LP + 8S	3-6450830-7
.135±.015	1.920	1.0775	.870	1.810	-	.300	2.020	2.160	.320	2ACP + 8S + 4LP	3-6450830-6
.135±.015	2.195	1.465	.865	2.085	△8	.215	2.295	2.435	.2775	3LP + 20S + 4HDP	3-6450830-5
.135±.015	4.400	3.220	2.695	4.290	△8	.300	4.500	4.640	.3700	8ACP + 16S + 4ACP	3-6450830-4
.135±.015	3.075	2.395	1.920	2.965	△8	.300	3.175	3.3150	.3700	4ACP + 12S + 3P	3-6450830-3
.135±.015	3.075	2.395	1.920	2.965	△8	.300	3.175	3.3150	.3700	4ACP + 12S + 3P	3-6450830-2
.135±.015	.935	.7825	.550	.825	-	-	1.035	1.175	.2775	2LP + 8S + 2LP	3-6450830-1
.135±.015	3.075	2.395	1.920	2.965	△8	.300	3.175	3.3150	.3700	4ACP + 12S + 3P	3-6450830-0
.135±.015	2.160	1.7775	1.145	2.050	-	.300	2.260	2.400	.3450	3ACP + 24S+ 4LP	2-6450830-9
.135±.015	1.600	1.295	.720	1.490	.200	.200	1.700	1.840	.3450	2P + 20S + 2P	2-6450830-8
.135±.015	1.500	1.195	.720	1.390	.200	.200	1.600	1.740	.3450	2P + 16S + 2P	2-6450830-7
.135±.015	1.475	1.320	.595	1.365	-	-	1.575	1.715	.3700	IP + 24S + IP	2-6450830-6
.135±.015	2.100	1.795	.720	1.990	.200	.200	2.200	2.340	.3450	2P + 40S + 2P	2-6450830-4
.135±.015	2.750	2.0450	1.270	2.640	.300	.250	2.850	2.990	.3450	4P + 28S + 3ACP	1-6450830-9
.135±.015	2.460	1.8575	.625	2.350	-	-	2.560	2.700	.1700	IP+2LP+48S+2LP+IP	1-6450830-7
.135±.015	-	-	-	-	-	-	-	-	-	4P+16S+24S+2HDP△9	1-6450830-8
.135±.015	2.750	2.0450	1.270	2.640	.300	.250	2.850	2.990	.3450	4P + 28S + 3ACP	1-6450830-5
.135±.015	1.800	1.4450	.770	1.690	.250	.250	1.900	2.040	.3450	2P + 24S + 2P	1-6450830-4
.135±.015	2.375	1.520	.845	2.265	.250	.300	2.475	2.615	.3450	2ACP + 24S + 4P	1-6450830-3
.135±.015	3.000	2.5025	1.945	2.890	.230	△8	3.000	3.240	.3200	8HDP + 20S + 5LP	1-6450830-2
.135±.015	3.615	1.6850	1.010	3.505	△8	.230	3.715	3.855	.2775	6LP + 24S + 10P	1-6450830-0
.135±.015	2.300	1.6950	1.020	2.190	.250	.250	2.400	2.540	.3450	3P + 24S + 3P	6450830-9
.135±.015	2.480	2.3275	1.520	2.370	-	.250	2.580	2.720	.3450	5P + 32S + 2LP	6450830-8
.135±.015	3.400	2.2950	1.570	3.290	.250	.250	3.500	3.640	.3450	5P + 24S + 5P	6450830-7
.135±.015	1.800	1.4450	.770	1.690	.250	.250	1.900	2.040	.3450	2P + 24S + 2P	6450830-5
.135±.015	1.780	1.6025	.770	1.670	-	.250	1.880	2.020	.3450	2P + 32S + 2LP	6450830-4
.135±.015	2.310	1.6725	1.240	2.200	.230	.230	2.410	2.550	.3025	8LP + 16S + 6LP	6450830-3
.135±.015	2.315	1.7100	1.035	2.205	.250	.230	2.415	2.555	.3025	6LP + 24S + 3P	6450830-2
.135±.015	.935	.7825	.550	.825	-	-	1.035	1.175	.2775	2LP + 8S + 2LP	6450830-1

DIM Y	DIM V	DIM R	DIM W	DIM U	DIM S	DIM T	DIM D	DIM L	DIM K	DESCRIPTION	PART NUMBER

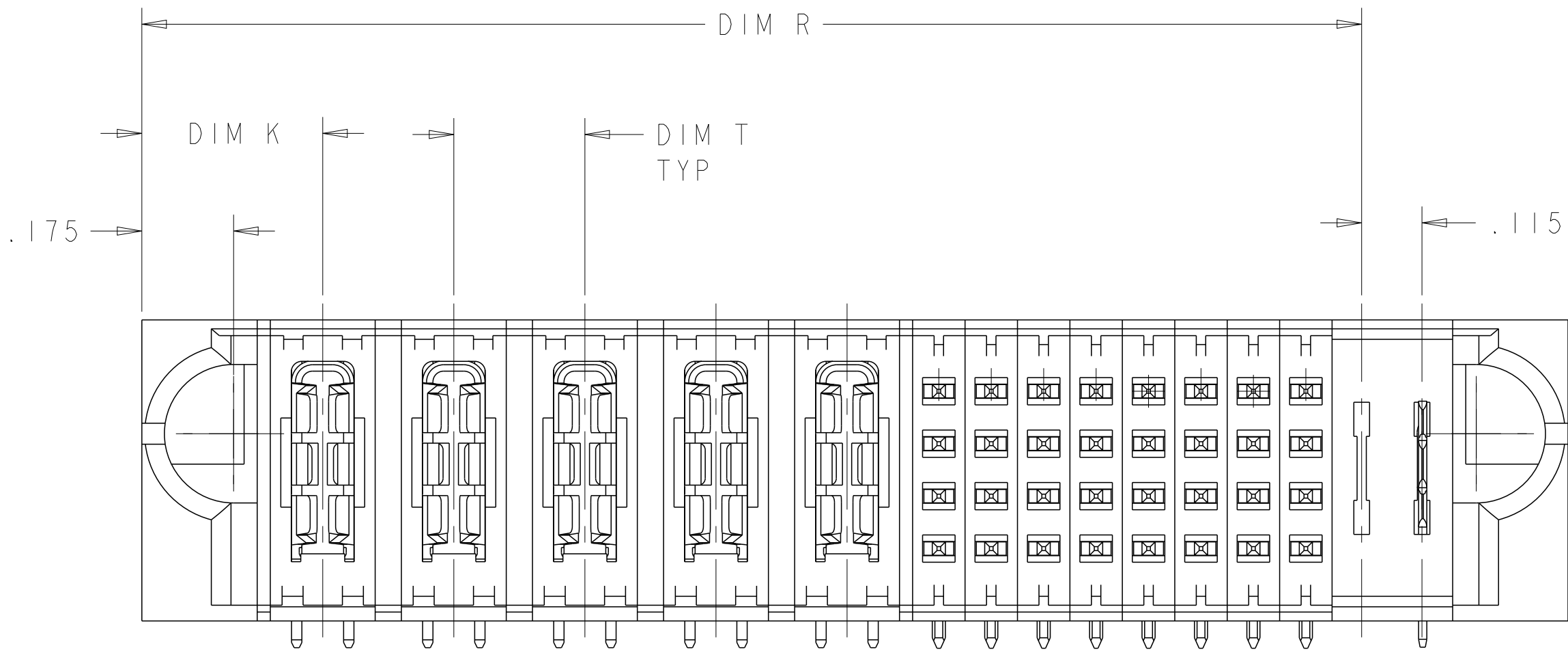
S3		S3	
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THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN S.ZHAO 10APR2007		APVD S.ZHAO 10APR2007		TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED.		0 PLC ±.001		1 PLC ±.001		2 PLC ±.001	
3 PLC ±.001		4 PLC ±.001		5 PLC ±.001		6 PLC ±.001		7 PLC ±.001	
8 PLC ±.001		9 PLC ±.001		10 PLC ±.001		11 PLC ±.001		12 PLC ±.001	
13 PLC ±.001		14 PLC ±.001		15 PLC ±.001		16 PLC ±.001		17 PLC ±.001	
18 PLC ±.001		19 PLC ±.001		20 PLC ±.001		21 PLC ±.001		22 PLC ±.001	
23 PLC ±.001		24 PLC ±.001		25 PLC ±.001		26 PLC ±.001		27 PLC ±.001	
28 PLC ±.001		29 PLC ±.001		30 PLC ±.001		31 PLC ±.001		32 PLC ±.001	
33 PLC ±.001		34 PLC ±.001		35 PLC ±.001		36 PLC ±.001		37 PLC ±.001	
38 PLC ±.001		39 PLC ±.001		40 PLC ±.001		41 PLC ±.001		42 PLC ±.001	
43 PLC ±.001		44 PLC ±.001		45 PLC ±.001		46 PLC ±.001		47 PLC ±.001	
48 PLC ±.001		49 PLC ±.001		50 PLC ±.001		51 PLC ±.001		52 PLC ±.001	
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223 PLC ±.001		224 PLC ±.001		225 PLC ±.001		226 PLC ±.001		227 PLC ±.001	
228 PLC ±.001		229 PLC ±.001		230 PLC ±.001		231 PLC ±.001		232 PLC ±.001	
233 PLC ±.001		234 PLC ±.001		235 PLC ±.001					

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



FOR "P+S+P"CONFIGURATION
UNSPECIFY DIMENSIONS PLEASE REFER TO PAGE 1



FOR "P+S+LP"CONFIGURATION
UNSPECIFY DIMENSIONS PLEASE REFER TO PAGE 1

HOLD DOWN	HD
.135 SIGNAL CON, ROW D,MFBL LL=.304	FJ
.135 SIGNAL CON, ROW C,MFBL LL=.304	FK
.135 SIGNAL CON, ROW B,MFBL LL=.304	FN
.135 SIGNAL CON, ROW A,MFBL LL=.304	FS
.135 SIGNAL CON, ROW D,MLBF LL=.204	E
.135 SIGNAL CON, ROW C,MLBF LL=.204	F
.135 SIGNAL CON, ROW B,MLBF LL=.204	G
.135 SIGNAL CON, ROW A,MLBF LL=.204	H
.135 SIGNAL CON, ROW D,STANDARD LL=.254	J
.135 SIGNAL CON, ROW C,STANDARD LL=.254	K
.135 SIGNAL CON, ROW B,STANDARD LL=.254	N
.135 SIGNAL CON, ROW A,STANDARD LL=.254	S
.135 STANDARD POWER CON,3 BEAMS	TM
.135 SOLDER LOWER POWER,MFBL	LMF
.135 SOLDER LOWER POWER,STD	LM
.135 SOLDER LOWER POWER,MLBF	LML
DESCRIPTION	IDENTIFIER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

S.ZHAO

10APR2007

CHK

S.ZHAO

10APR2007

DIMENSIONS:

INCHES

0 PLC

±"

1 PLC

±"

2 PLC

±"

3 PLC

±.010

4 PLC

±"

ANGLES

±2°

FINISH

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC

108-2292

APPLICATION SPEC

114-13251

WEIGHT

-

MATERIAL

-

CUSTOMER DRAWING

DWN

S.ZHAO

10APR2007

CHK

S.ZHAO

10APR2007

APVD

S.ZHAO

-

NAME

RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

SIZE

A1

CAGE CODE

00779

DRAWING NO

6450830

RESTRICTED TO

REV

S3

TE Connectivity

SCALE

4:1

SHEET

3

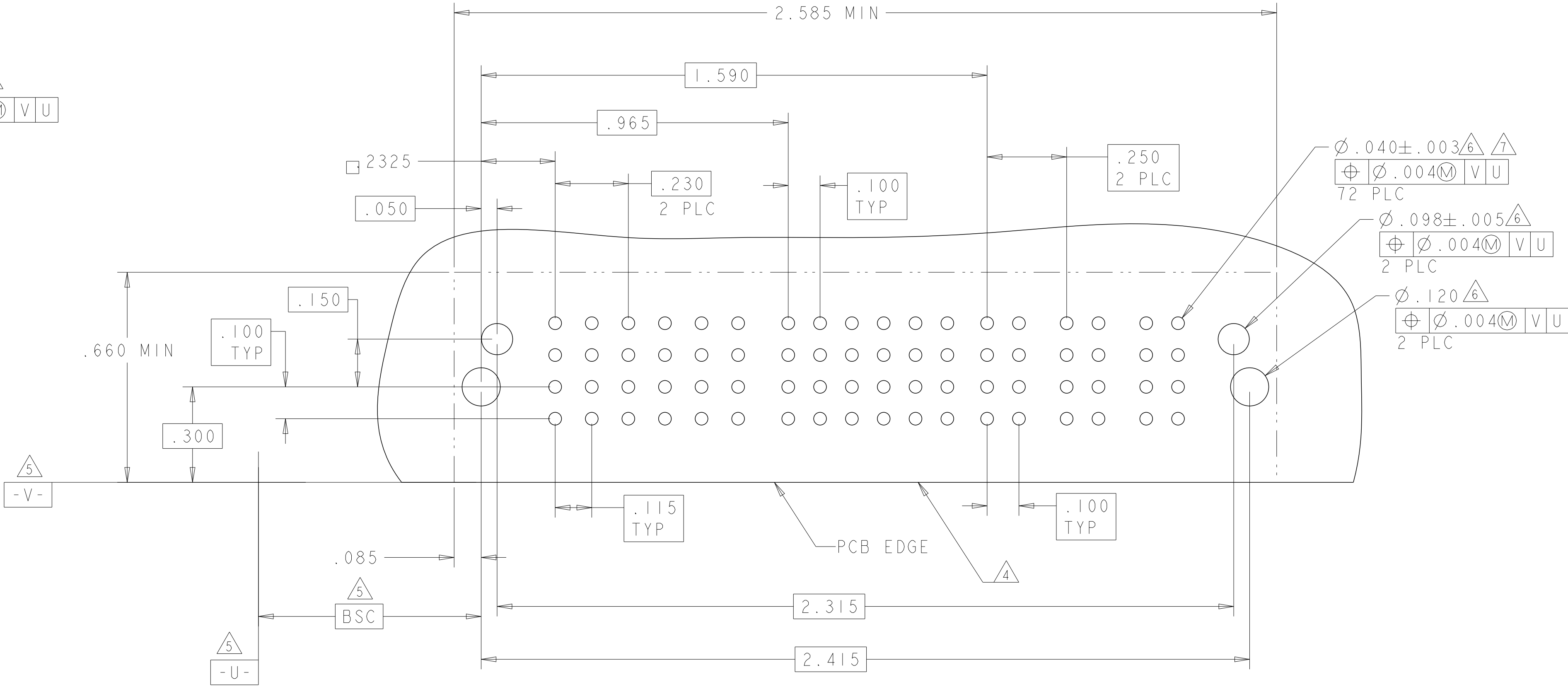
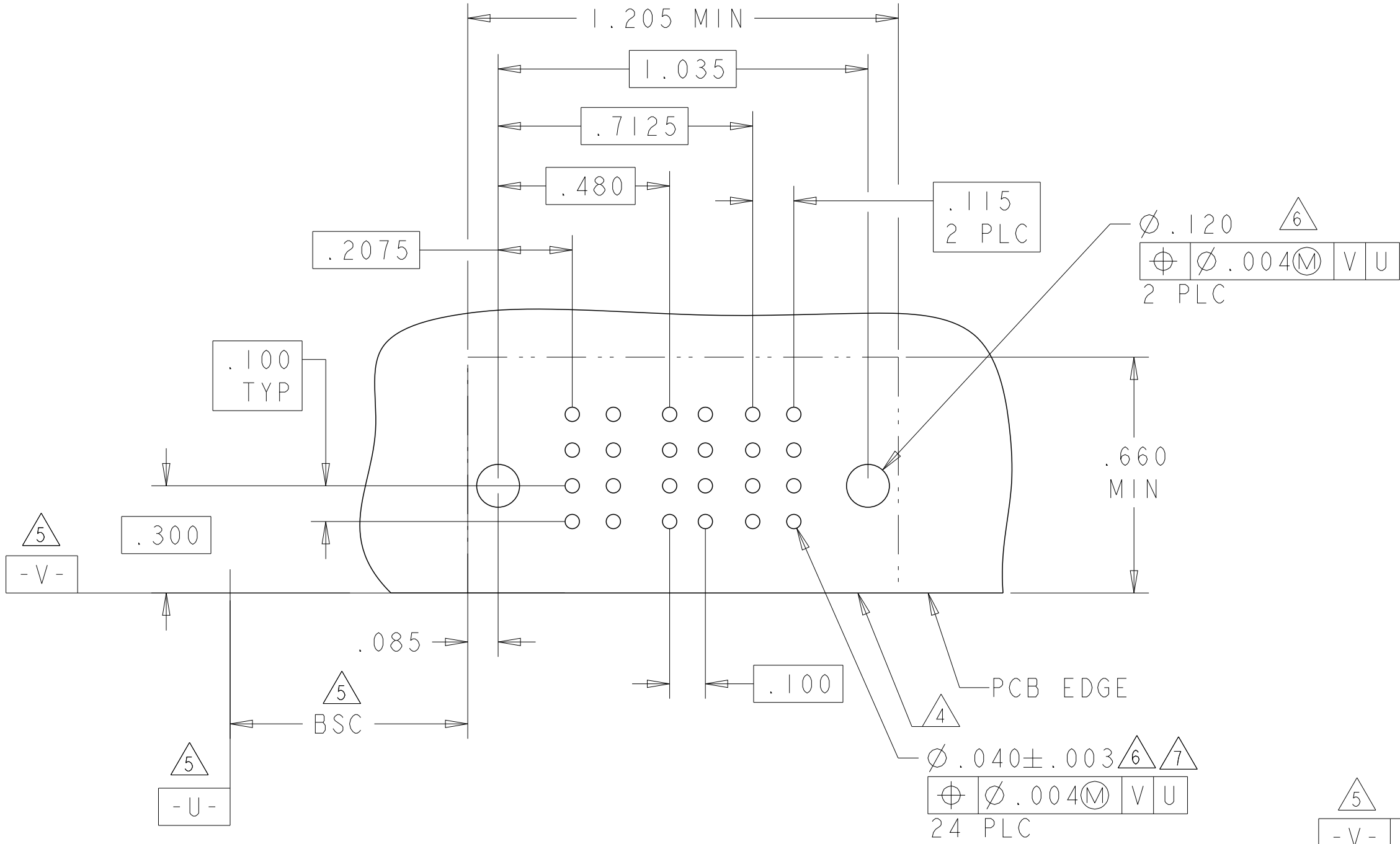
OF

42

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

PART NUMBER	ROWS		POWER		SIGNAL		POWER		
			P1	P2	1	2	P3	P4	
6450830-1	D C B A				J	J			
					K	K			
					N	N			
					S	S			
2LP + 8S + 2LP									

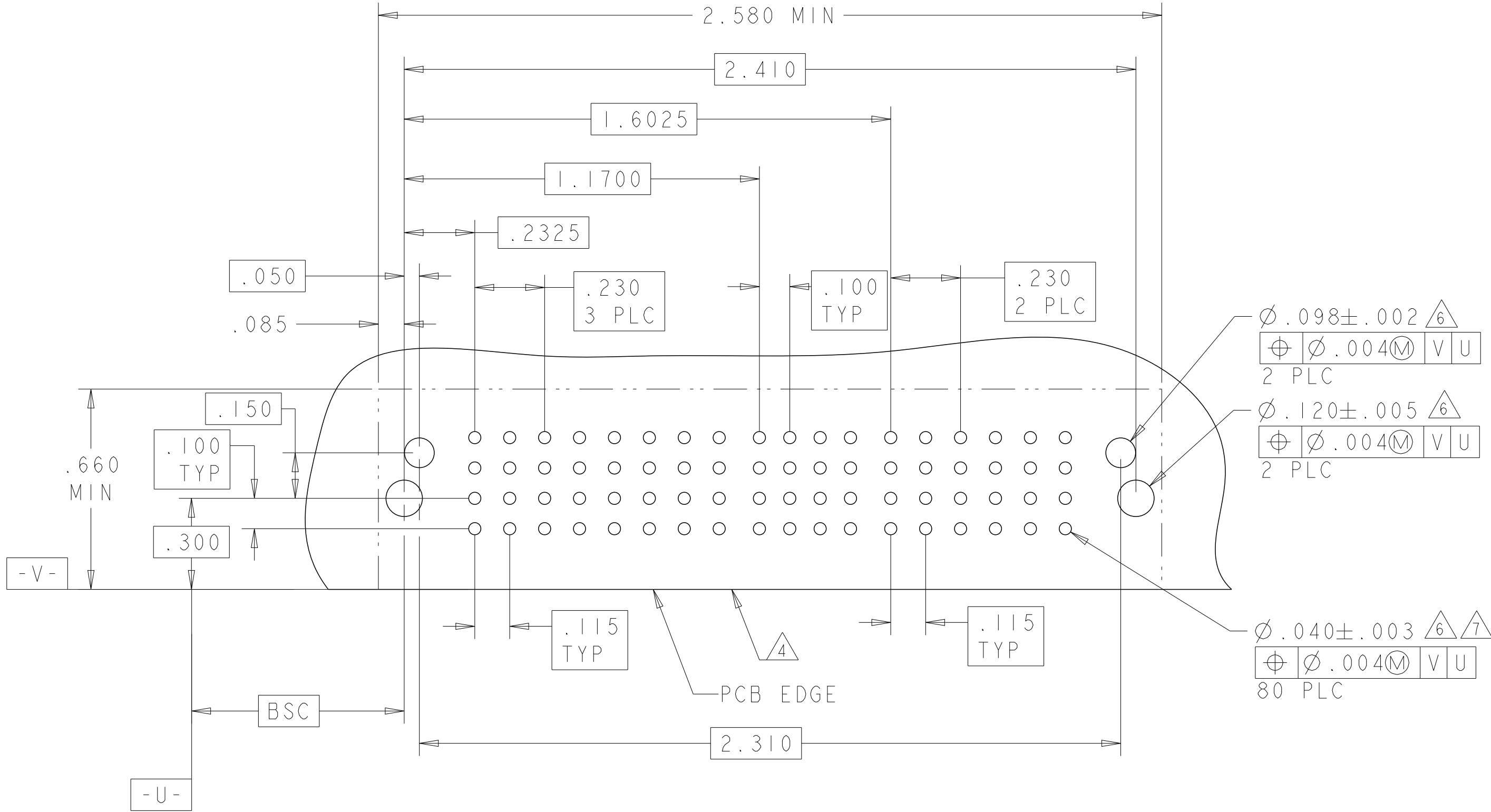
PART NUMBER	ROWS		POWER						SIGNAL						POWER												
			LP1	LP2	LP3	LP4	LP5	LP6	1	2	3	4	5	6	P1	P2	P3										
6450830-2	D C B A			LM		LM		LM		LM		LM		J	J	J	J	J	J		TM		TM		TM		HD
6LP + 24S + 3P																											



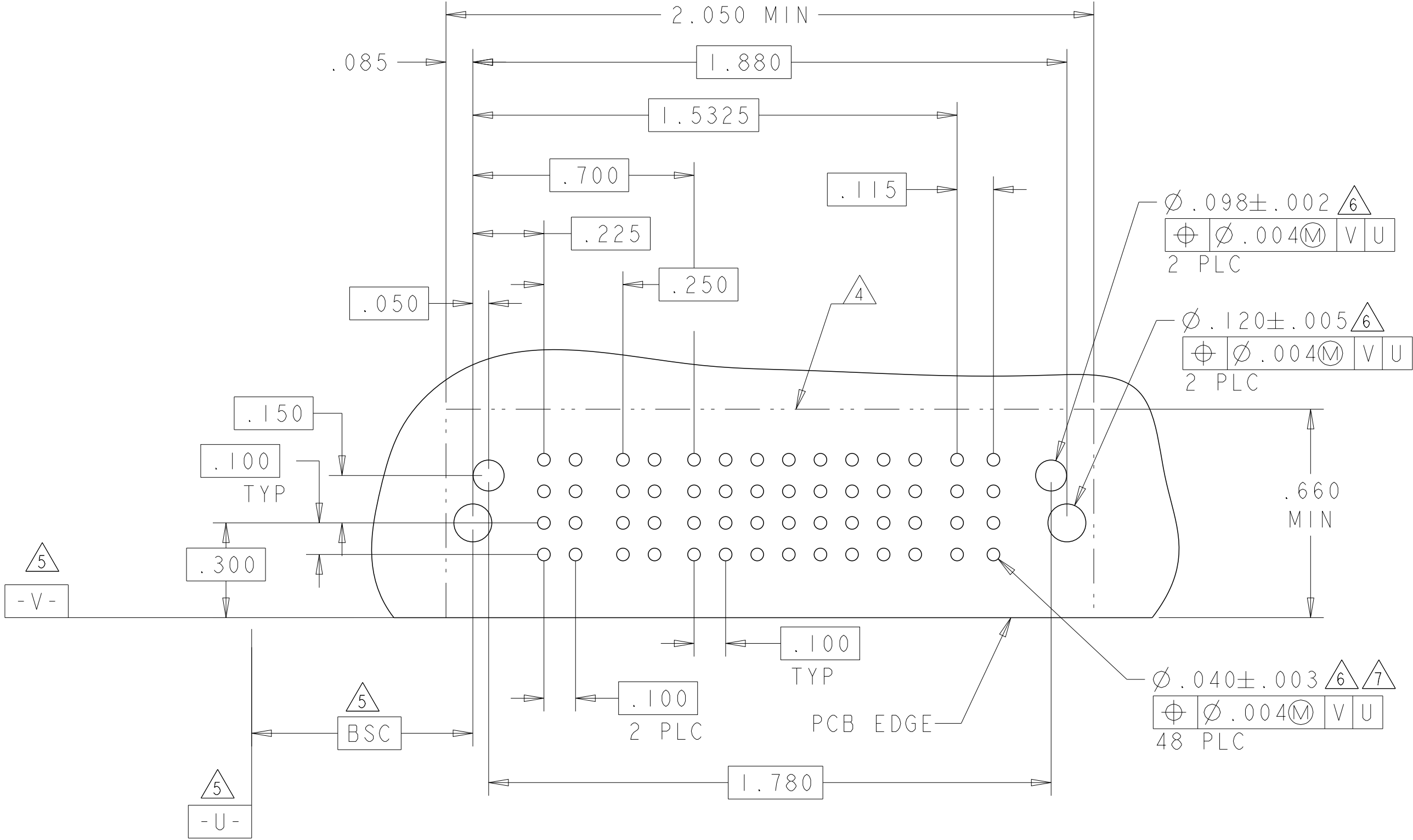
TE Connectivity

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

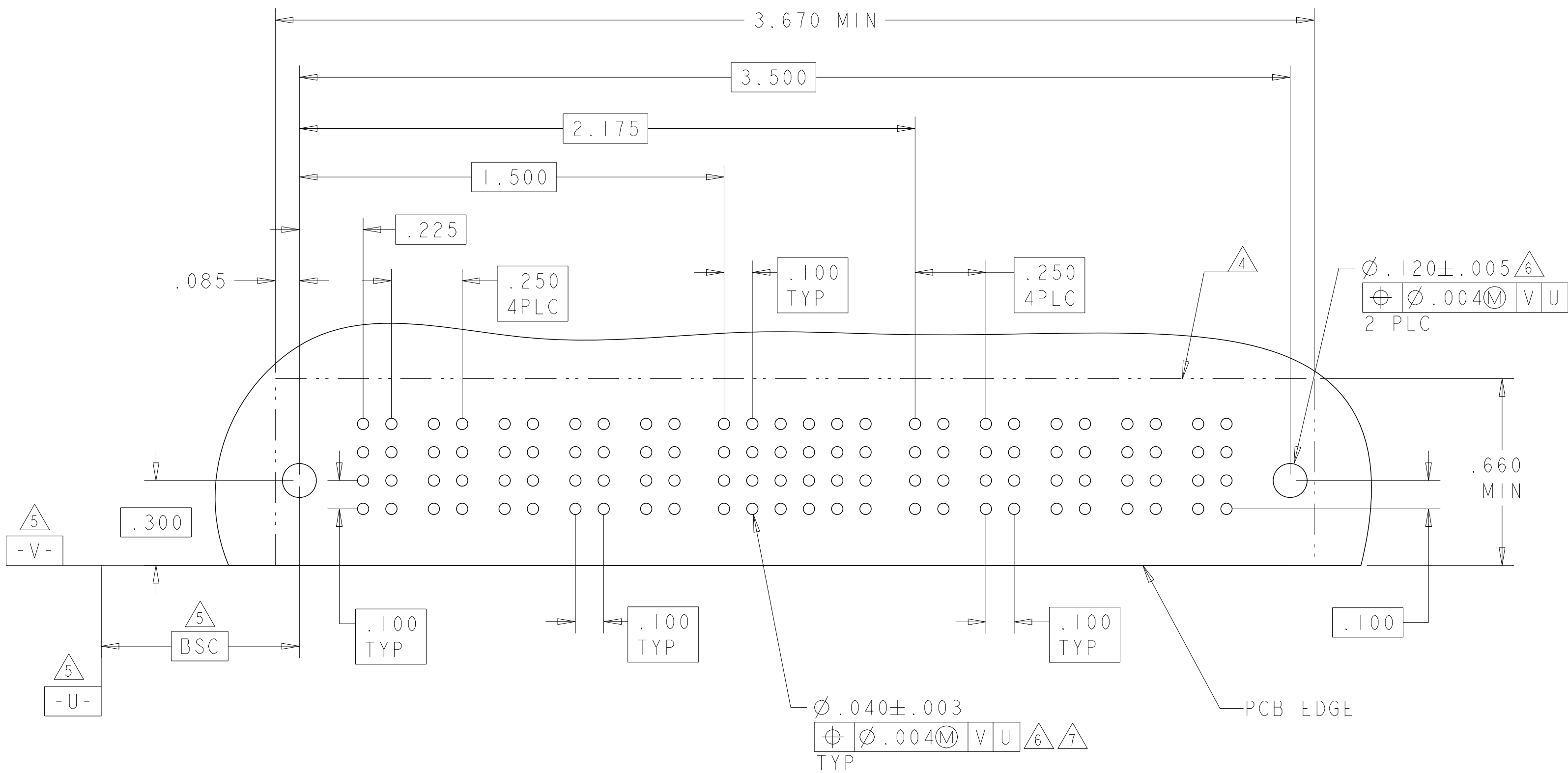
PART NUMBER	ROWS		POWER								SIGNAL				POWER						
			LP1	LP2	LP3	LP4	LP5	LP6	LP7	LP8	1	2	3	4	LP9	LP10	LP11	LP12	LP13	LP14	
6450830-3	D C B A		LM	LM	LM	LM	LM	LM	LM	J	J	J	J	LM	LM	LM	LM	LM	LM		
											K	K	K	K							
											N	N	N	N							
											S	S	S	S							
8LP + 16S + 6LP																					



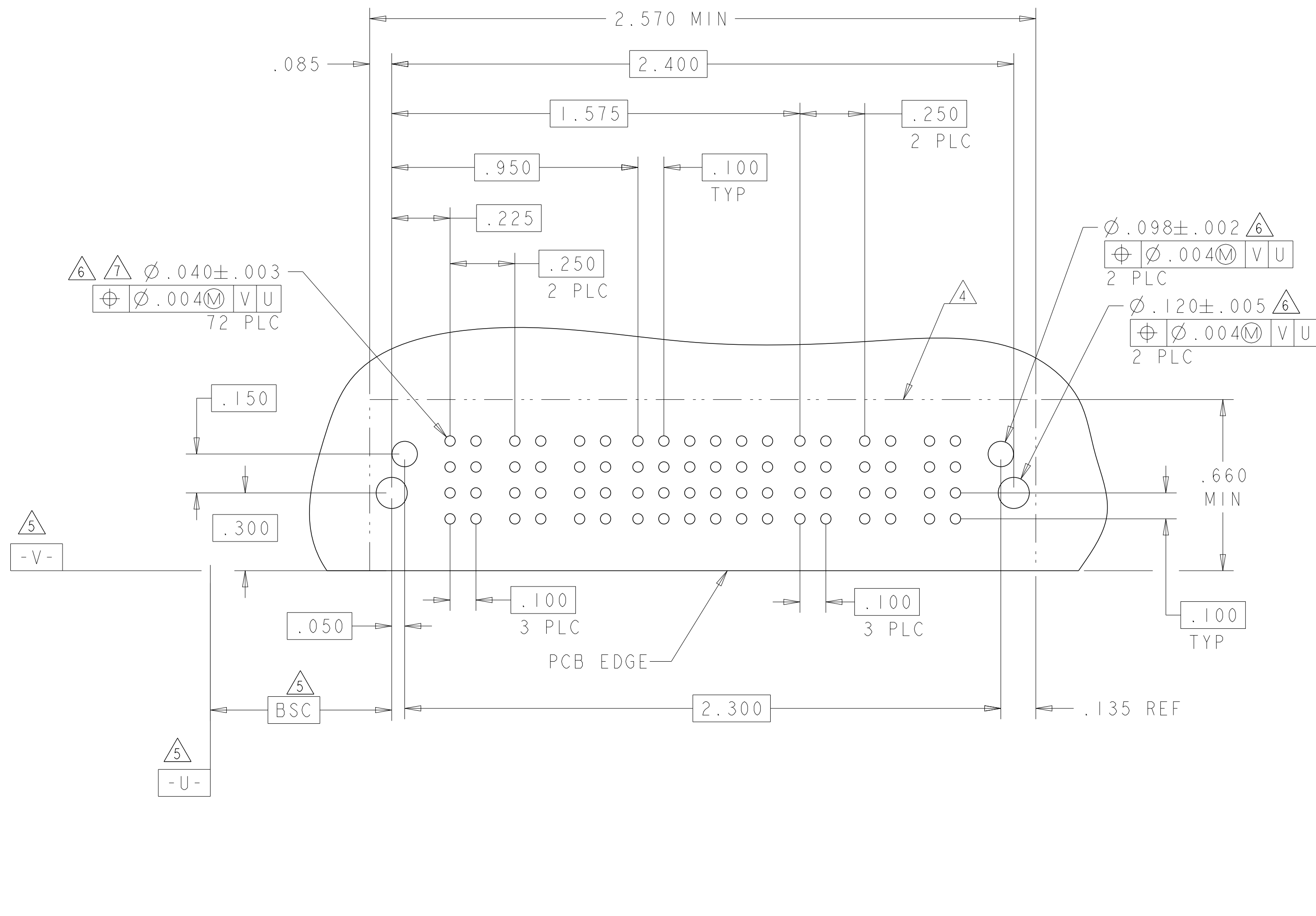
PART NUMBER	ROWS		POWER		SIGNAL								POWER		
			P1	P2	1	2	3	4	5	6	7	8	LP1	LP2	
6450830-4	D C B A		TM	TM	J	J	J	J	J	J	J	J	LM	LM	
					K	K	K	K	K	K	K	K			
					N	N	N	N	N	N	N	N			
					S	S	S	S	S	S	S	S			
2P + 32S + 2LP															

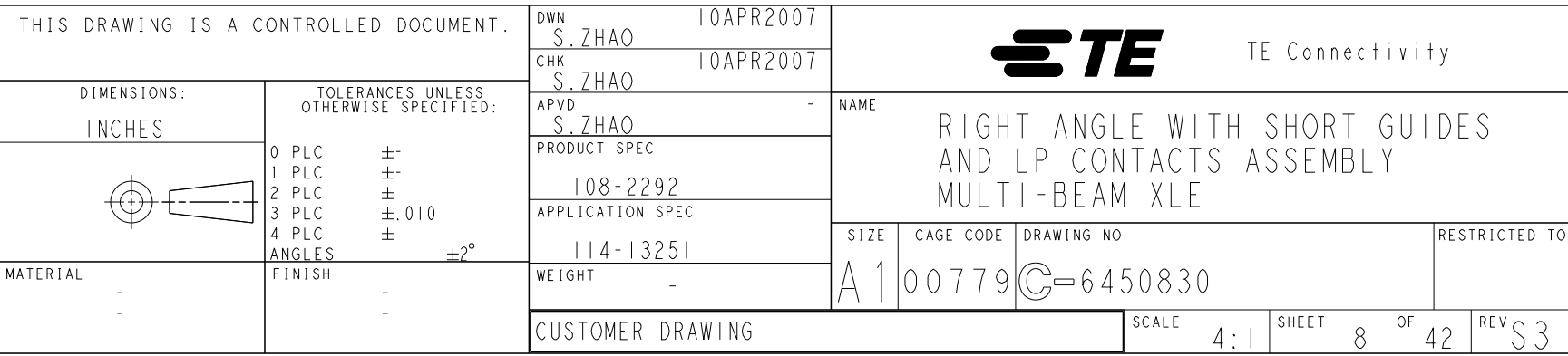


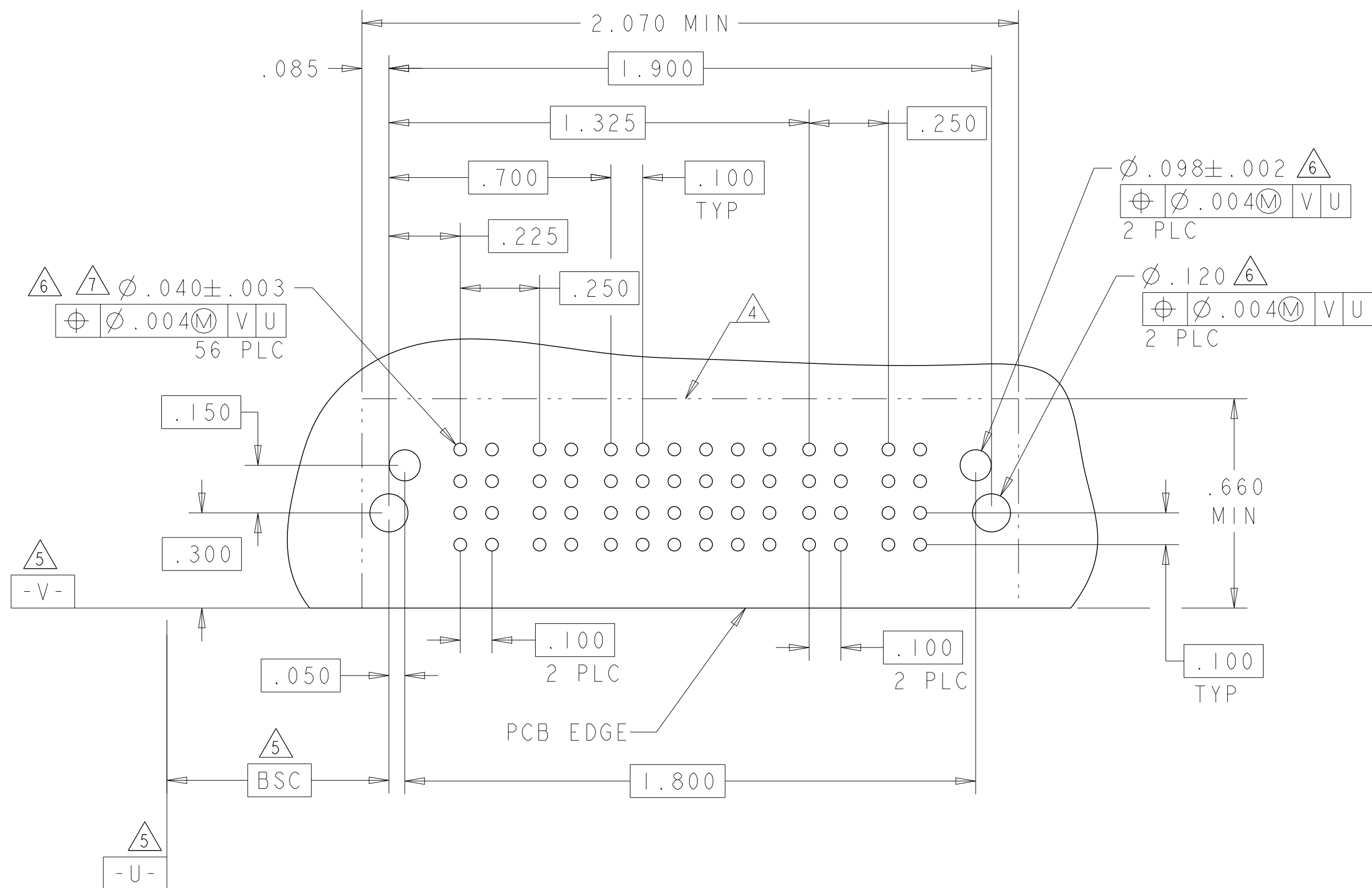
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN	S.ZHAO	10APR2007	TE Connectivity		
			CHK	S.ZHAO	10APR2007			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	S.ZHAO	NAME	RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
INCHES				PRODUCT SPEC				
				108-2292				
				APPLICATION SPEC				
MATERIAL		FINISH		114-13251		SIZE	CAGE CODE	DRAWING NO
				WEIGHT		A1	00779	C=6450830
CUSTOMER DRAWING			SCALE		4:1	SHEET	5	OF 42
						REV	S	3

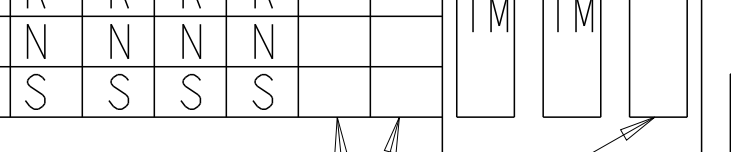
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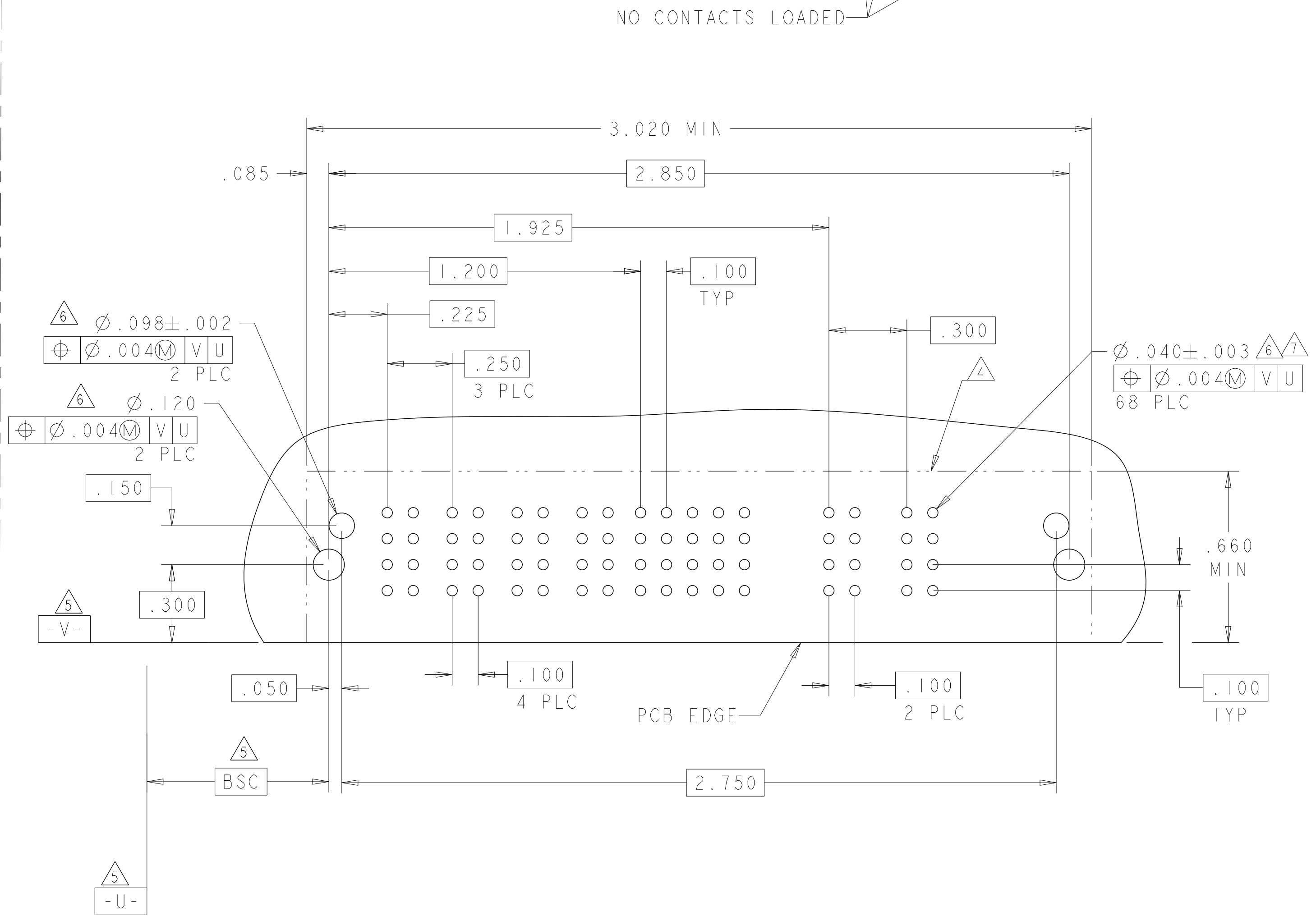
PART NUMBER	ROWS		POWER			SIGNAL						POWER					
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6			
6450830-9	D			TM		J	J	J	J	J	J		TM		TM		
	K					K	K	K	K	K							
	N					N	N	N	N	N							
	S					S	S	S	S	S							
3P + 24S + 3P																	

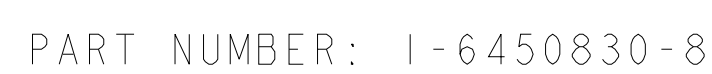
$$3P + 24S + 3P$$
4805 (3/11)

-NO CANTACTS LOADED

[illegible]4805 (3/11)

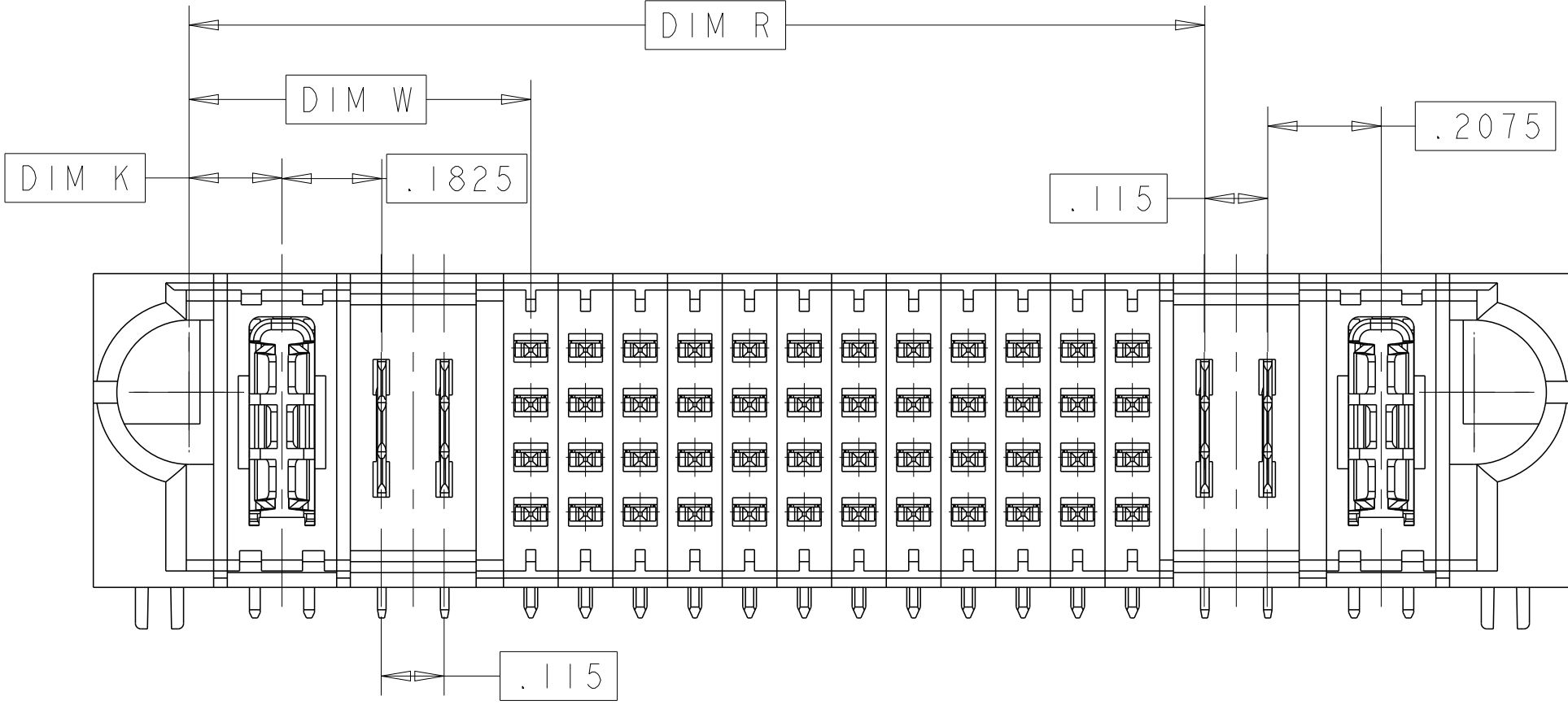
PART NUMBER	ROWS		POWER				SIGNAL							POWER						
			P1	P2	P3	P4	1	2	3	4	5	6	7	P5	P6	P7				
1-6450830-5	D C B A	 					J	J	J	J	J								 	
							K	K	K	K	K									
							N	N	N	N	N									
							S	S	S	S	S									
4P + 28S + 3ACP																				

4805 (3/11)

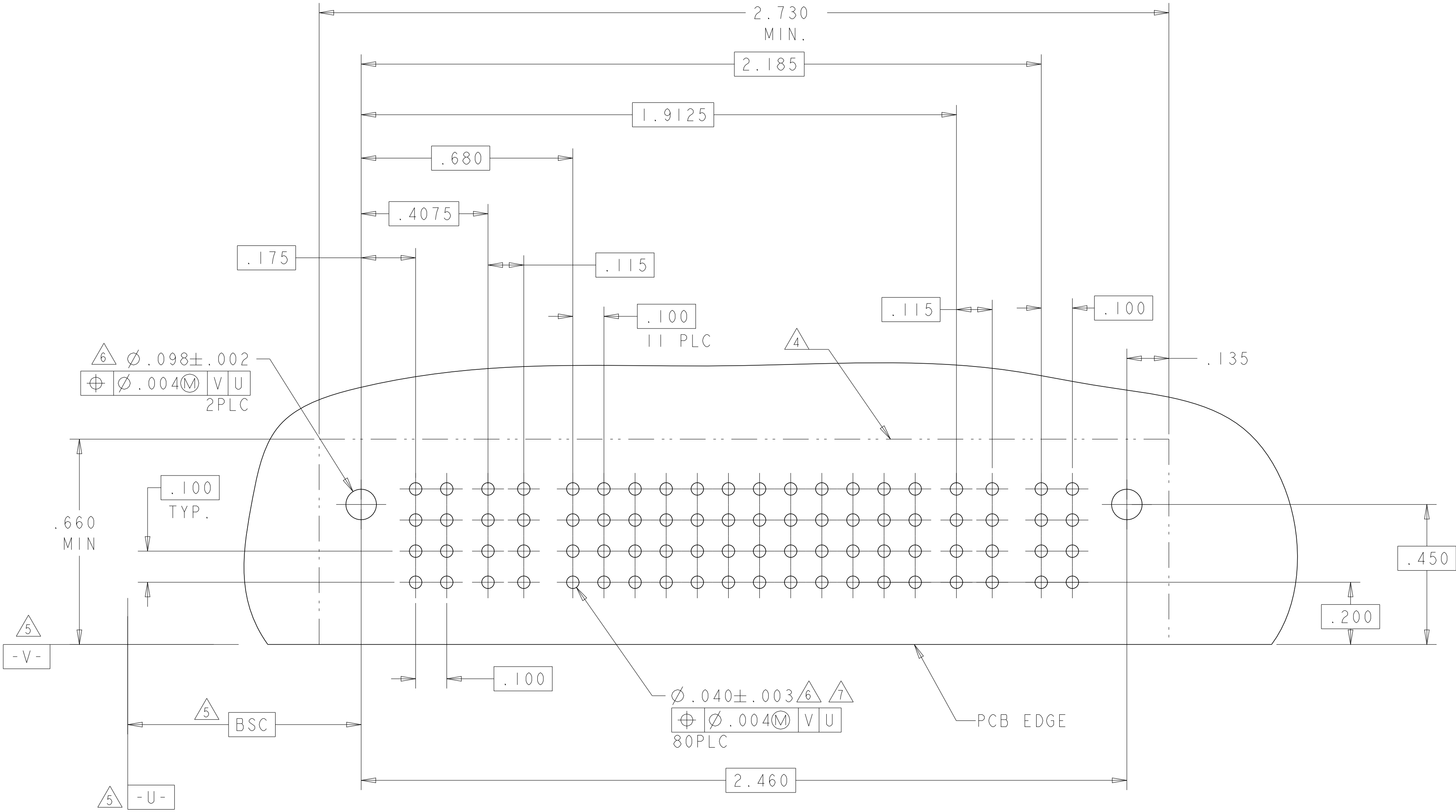
[illegible]4805 (3/11)

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

PART NUMBER	ROWS		POWER			SIGNAL															
			P1	LP1	LP2	1	2	3	4	5	6	7	8	9	10	11	12	LP3	LP4	P2	
1-6450830-7	D		TM	LML	LML	E	E	E	E	E	E	E	E	E	E	E	E	LML	LMF	TM	
	C					F	F	F	F	F	F	F	F	F	F	F	F				
	B					G	G	G	G	G	G	G	G	G	G	G	G				
	A	HD				H	H	H	H	H	H	H	H	H	H	H	H				HD
IP + 2LP + 48S + 2LP + IP																					



P/N:1-6450830-7 CONFIGURATION
UNSPECIFIED DIMENSION REFER TO SHEET 1



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.010

1 PLC ±.005

2 PLC ±.005

3 PLC ±.010

4 PLC ±.010

ANGLES ±2°

FINISH

MATERIAL

-

DWN S.ZHAO 10APR2007

CHK S.ZHAO 10APR2007

APVD S.ZHAO -

PRODUCT SPEC 108-2292

APPLICATION SPEC 114-13251

WEIGHT

CUSTOMER DRAWING

NAME

RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

SIZE A1

CAGE CODE 00779

DRAWING NO. 6450830

RESTRICTED TO

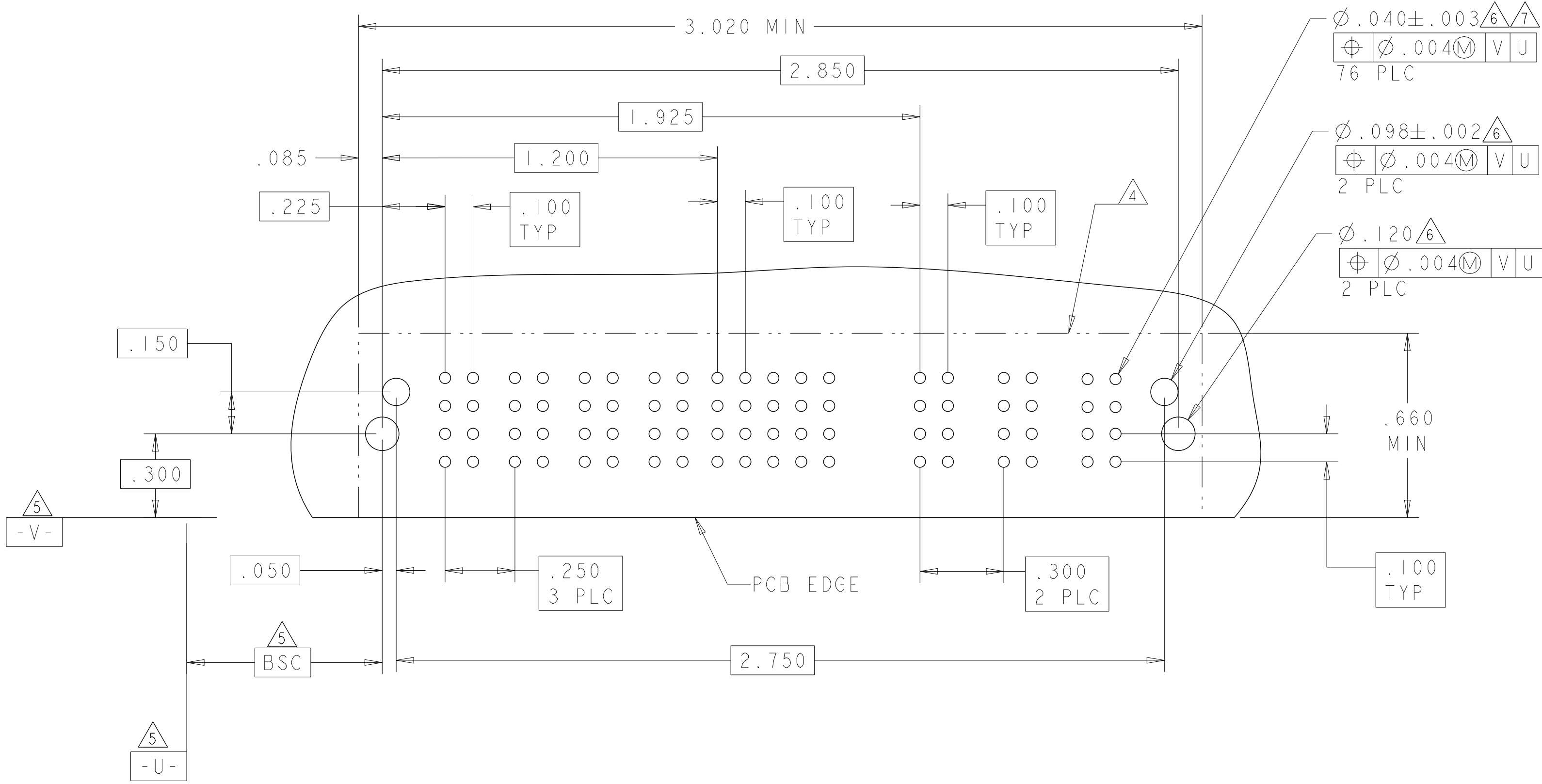
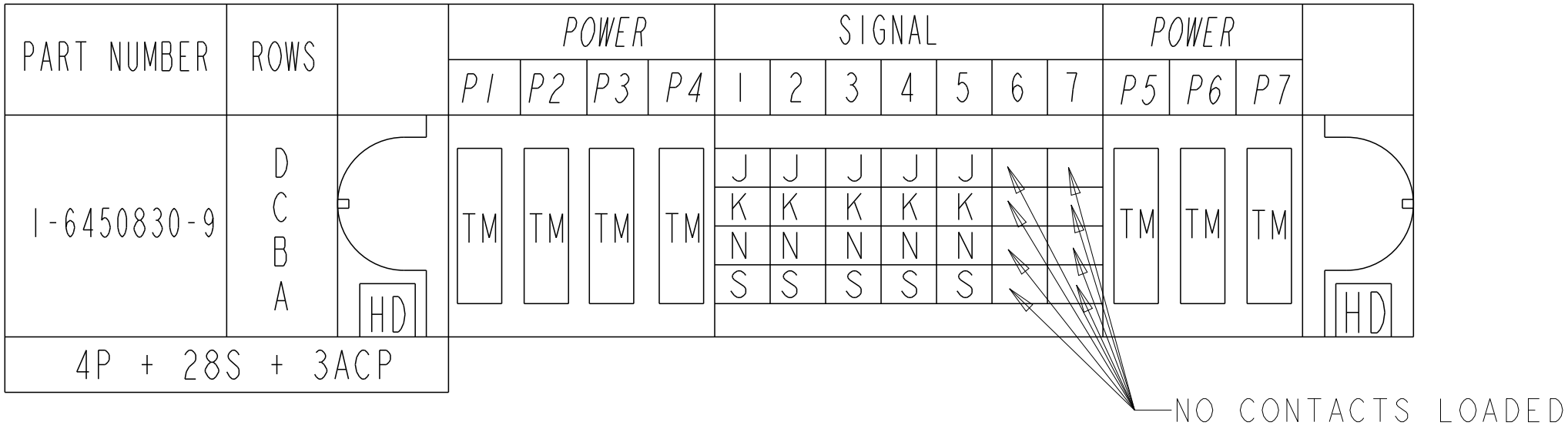
TE Connectivity

SCALE 4:1

SHEET 12 OF 42

REV S3

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

S. ZHAO

10APR2007

CHK

S. ZHAO

10APR2007

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.010

1 PLC ±.010

2 PLC ±.010

3 PLC ±.010

4 PLC ±.010

ANGLES ±2°

FINISH -

MATERIAL

-

APVD

S. ZHAO

-

PRODUCT SPEC

108-2292

APPLICATION SPEC

114-13251

WEIGHT

-

CUSTOMER DRAWING

NAME

RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

SIZE

A1

CAGE CODE

00779

DRAWING NO

6450830

RESTRICTED TO

REV S3

SCALE

4:1

SHEET

13

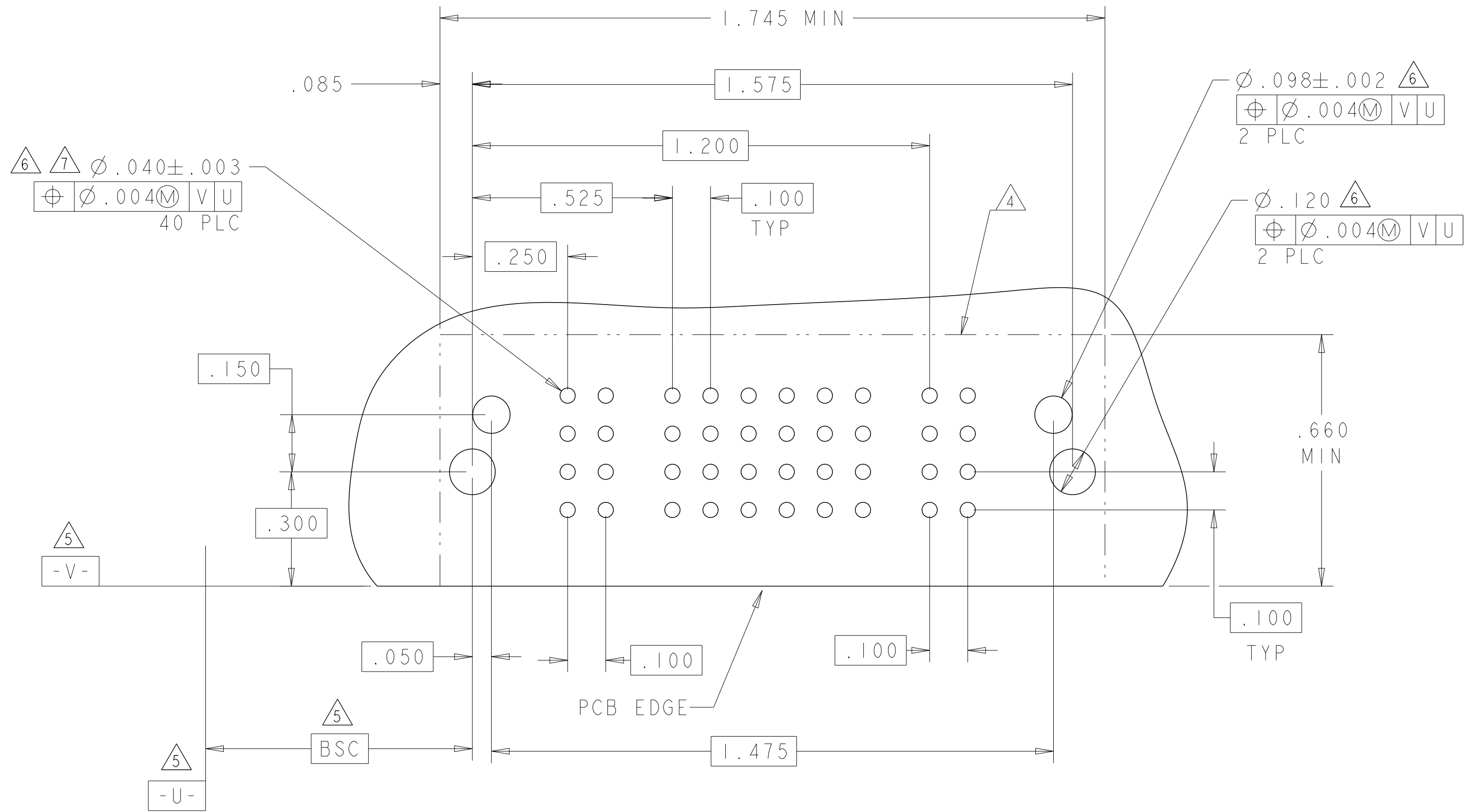
OF

42

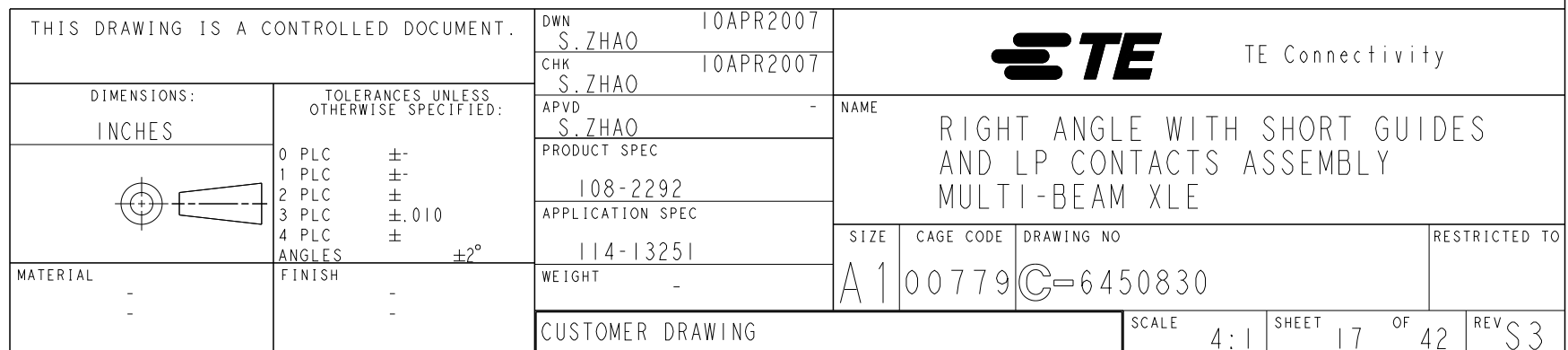
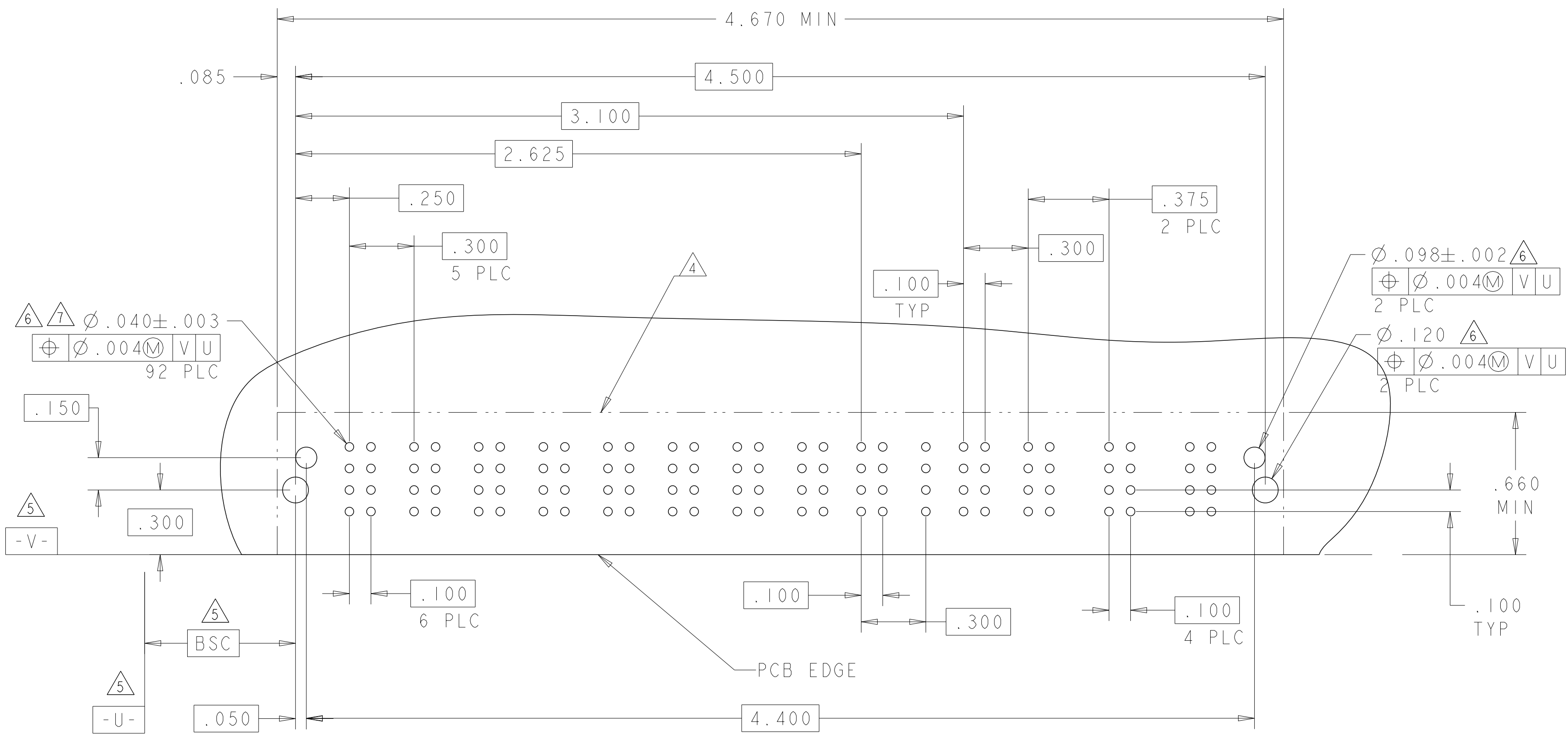
REV

S3

PART NUMBER	ROWS		POWER	SIGNAL						POWER	
			P1	1	2	3	4	5	6	P2	
2-6450830-6	D			J	J	J	J	J	J		
	K			K	K	K	K	K			
	N			N	N	N	N	N			
	H			S	S	S	S	S			
IP + 24S + IP											

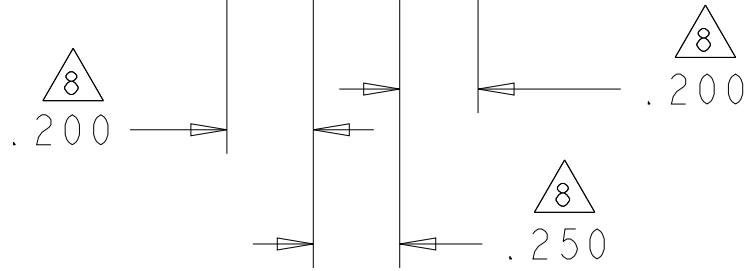
4805 (3/11)

PART NUMBER	ROWS		POWER								SIGNAL				POWER				
			P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	P9	P10	P11	P12	
3-6450830-4	D C B A		TM	TM	TM	TM	TM	TM	TM	E	E		J	TM	TM	TM	TM		
										F	F		K						
										G	G		N						
										H	H		S						
8ACP + 16S + 4ACP																			

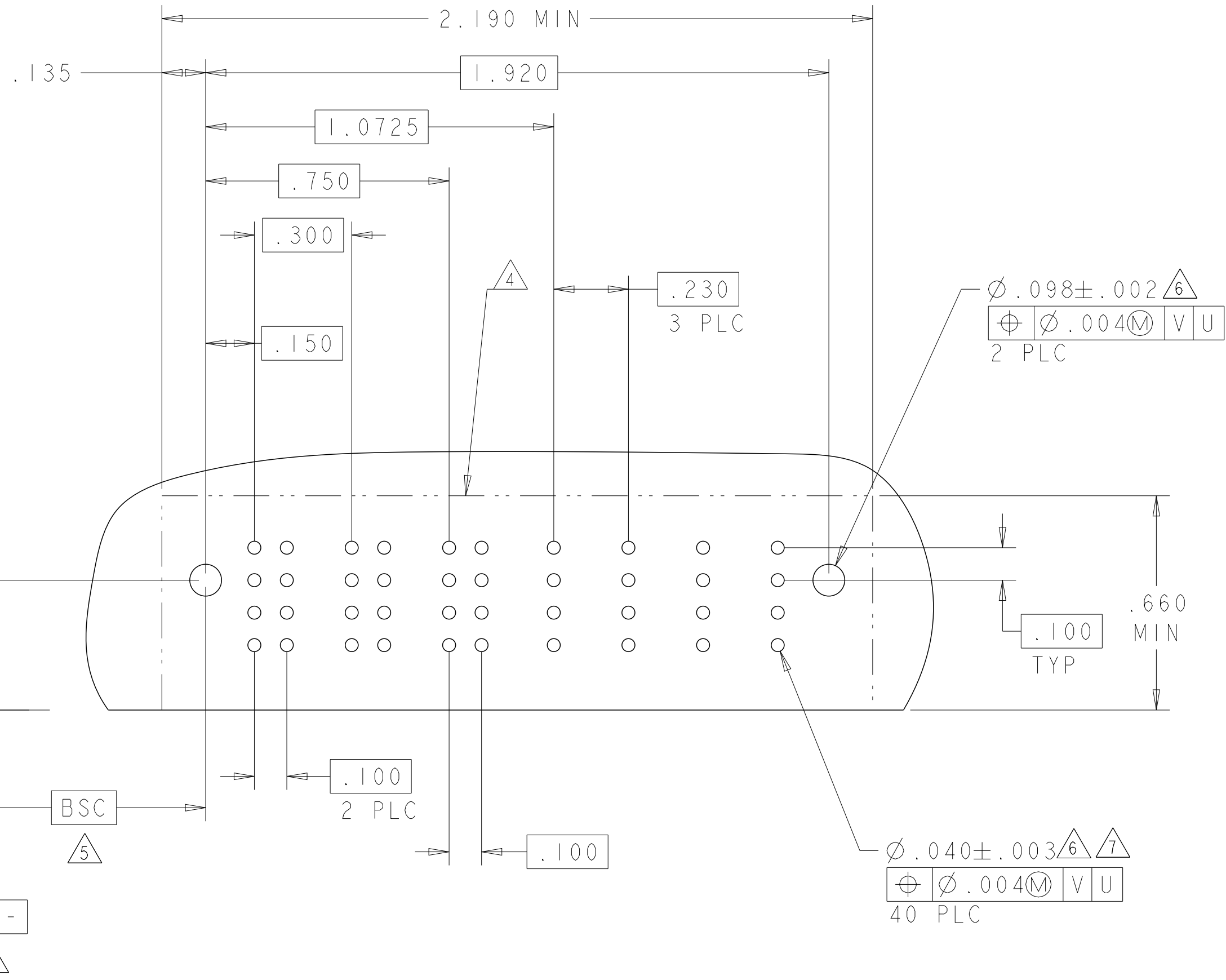
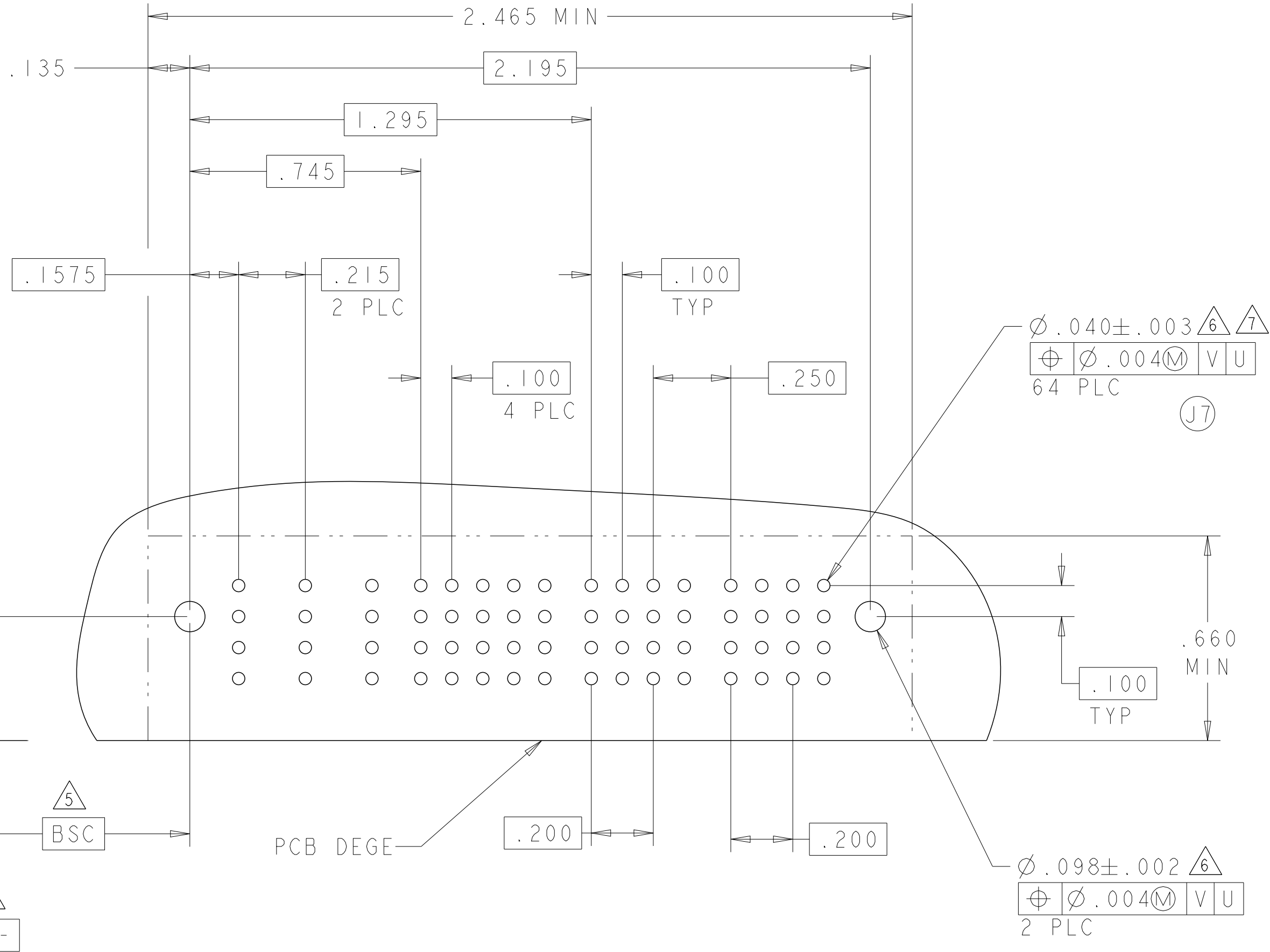


LOC		DIST		REVISIONS				
P	LYR	DESCRIPTION			DATE	DWN	APVD	
-	-	SEE SHEET 1			-	-	-	

PART NUMBER	ROWS		POWER			SIGNAL					POWER				
			LP1	LP2	LP3	1	2	3	4	5	P1	P2	P3	P4	
3-6450830-5	D C B A	HD	LM	LM	LM	J	J	J	J	J	TM	TM	TM	TM	HD
						K	K	K	K	K					
						N	N	N	N	N					
						S	S	S	S	S					
3LP + 20S + 4HDP															



PART NUMBER	ROWS		POWER		SIGNAL		POWER				
			P1	P2	1	2	LP1	LP2	LP3	LP4	
3-6450830-6	D C B A	HD	TM	TM	J	J	LM	LM	LM	LM	HD
					K	K					
					N	N					
					S	S					
2ACP + 8S + 4LP											



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

S.ZHAO

10APR2007

CHK

S.ZHAO

10APR2007

APVD

S.ZHAO

-

NAME

S.ZHAO

-

DIMENSIONS:

INCHES

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±

±

±.010

±

±2°

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC

108-2292

APPLICATION SPEC

114-13251

WEIGHT

-

MATERIAL

-

CUSTOMER DRAWING

SCALE

4:1

SHEET

18

OF

42

REV

S3

TE Connectivity

RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

SIZE

A1

CAGE CODE

00779

DRAWING NO

6450830

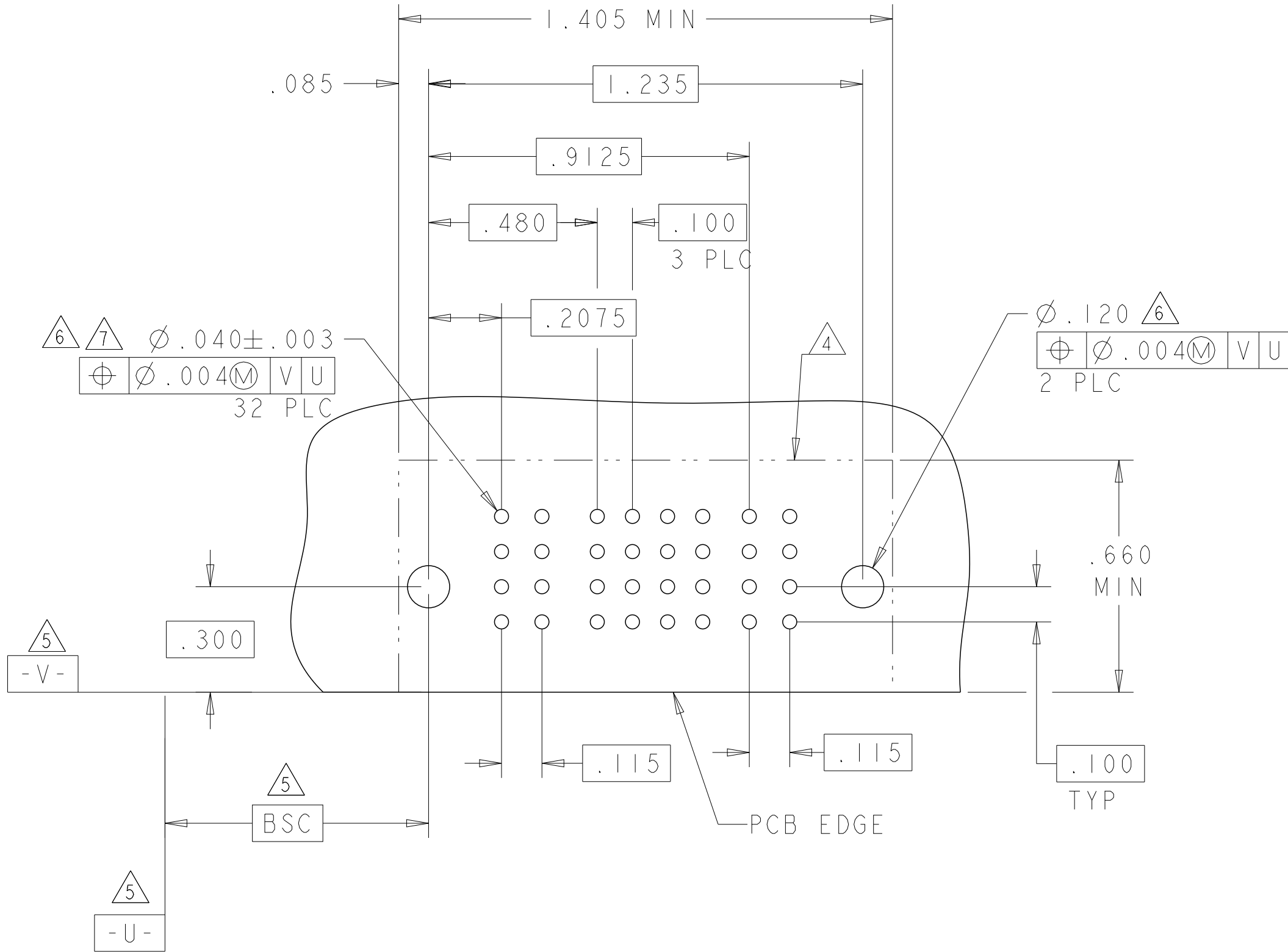
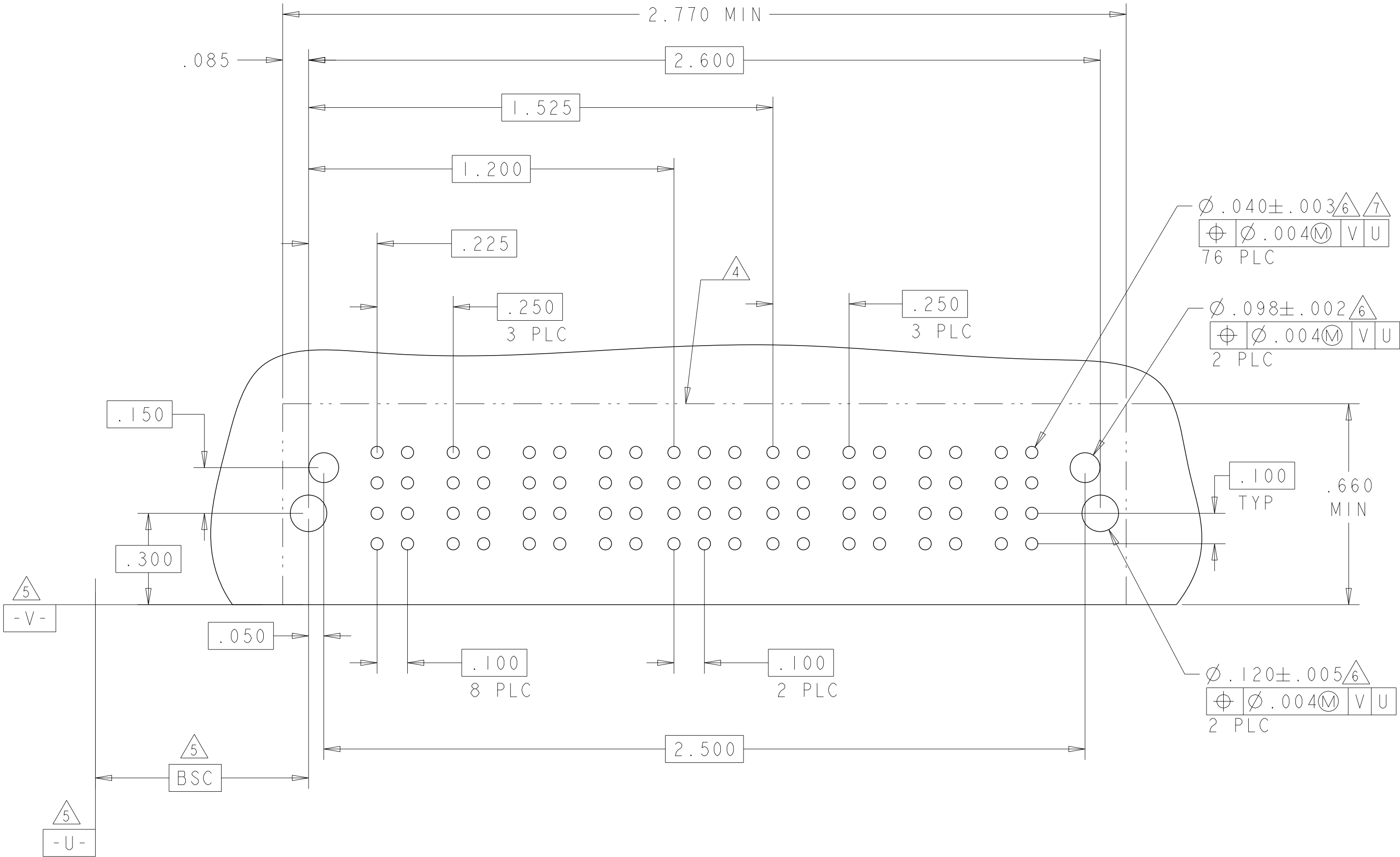
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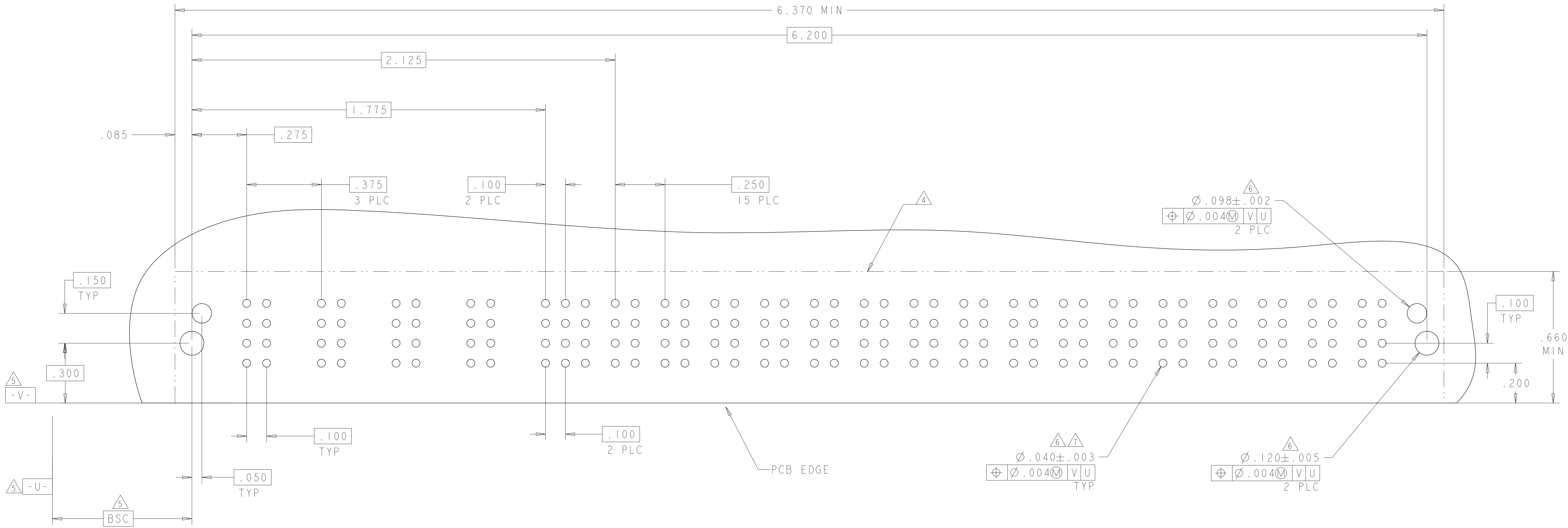
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	SEE SHEET 1		-	-	-

PART NUMBER	ROWS		POWER				SIGNAL			POWER				
			P1	P2	P3	P4	1	2	3	P5	P6	P7	P8	
4-6450830-2	D		TM	TM	TM	TM	J	J	J	TM	TM	TM	TM	
	C						K	K	K					
	B						N	N	N					
	A	HD					S	S	S					HD
4P + 12S + 4P														

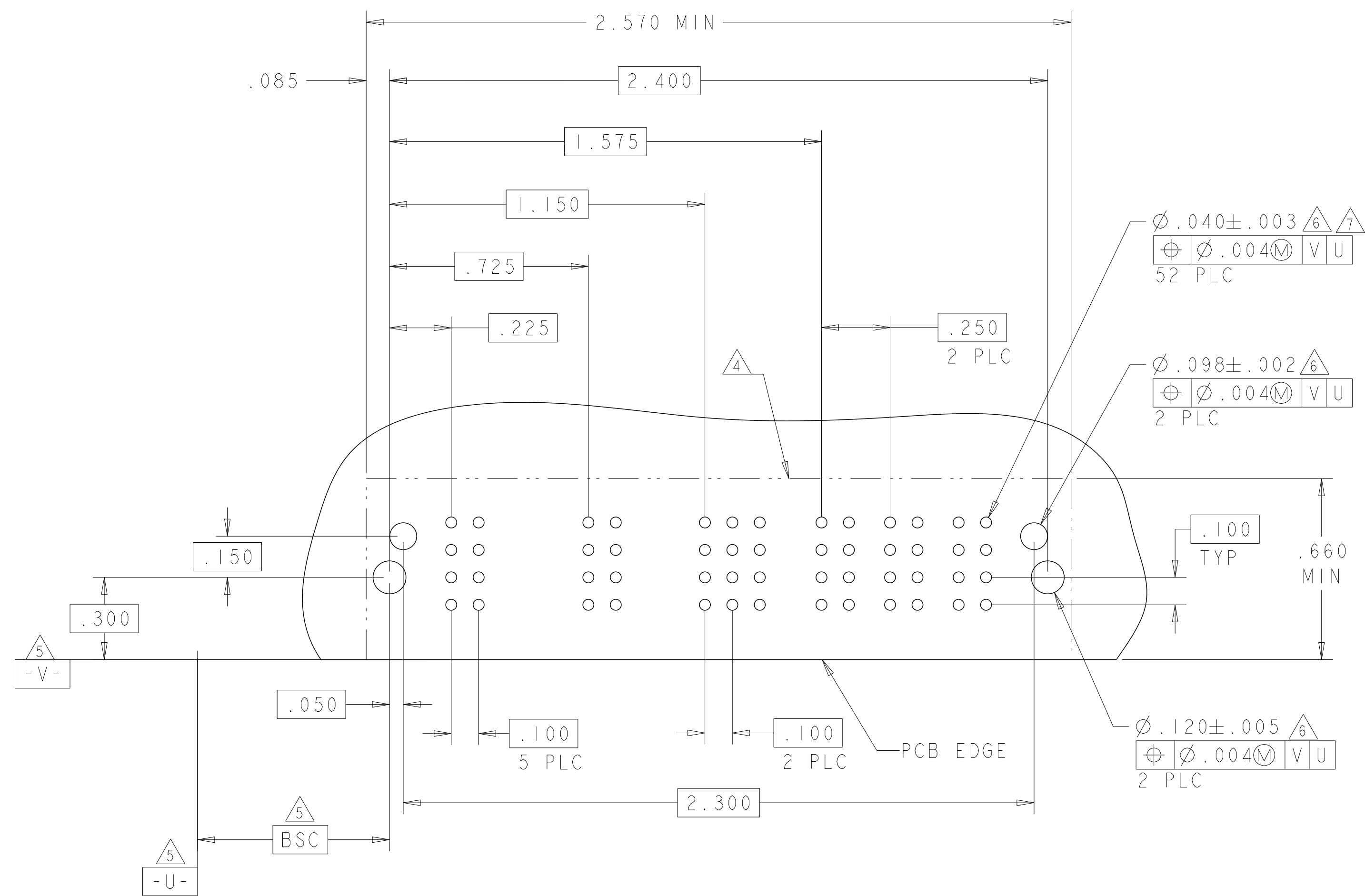
PART NUMBER	ROWS		LOW POWER		SIGNAL				LOW POWER		
			LPI	LP2	I	2	3	4	LP3	LP4	
6-6450830-0	D		LM	LM	J	J	J	E	LM	LM	
	C				K	K	K	K			
	B				N	N	N	N			
	A				S	S	S	S			
2LP + 16S + 2LP											



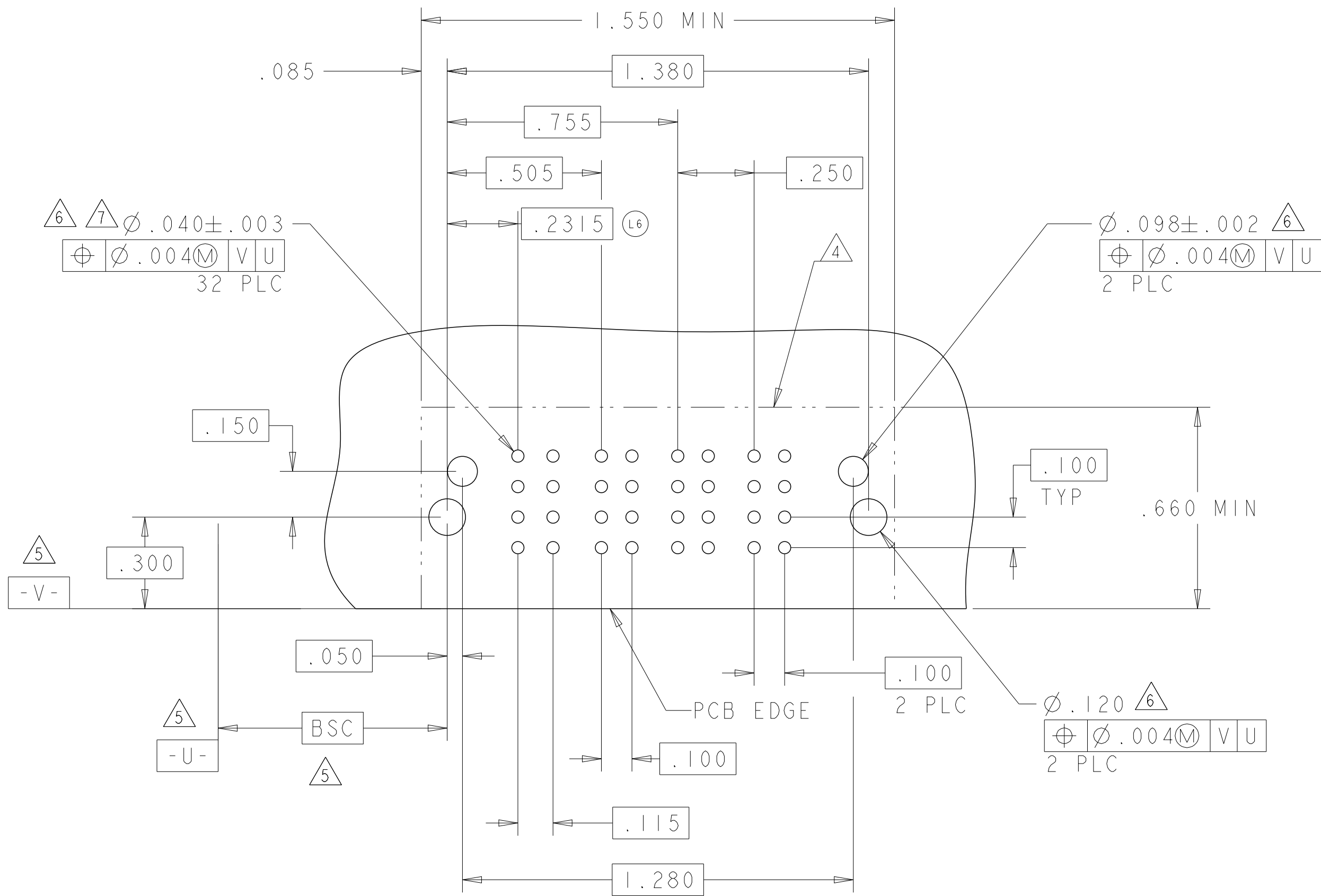
PART NUMBER	ROWS		POWER				SIGNAL			POWER																
			P1	P2	P3	P4	1	2	3	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	
4-6450830-3	D		TM	TM	TM	TM	J	J	J	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM		
	K						K	K																		
	N						N	N																		
	A	HD					S	S	S																	HD
4P + 12S + 16P																										



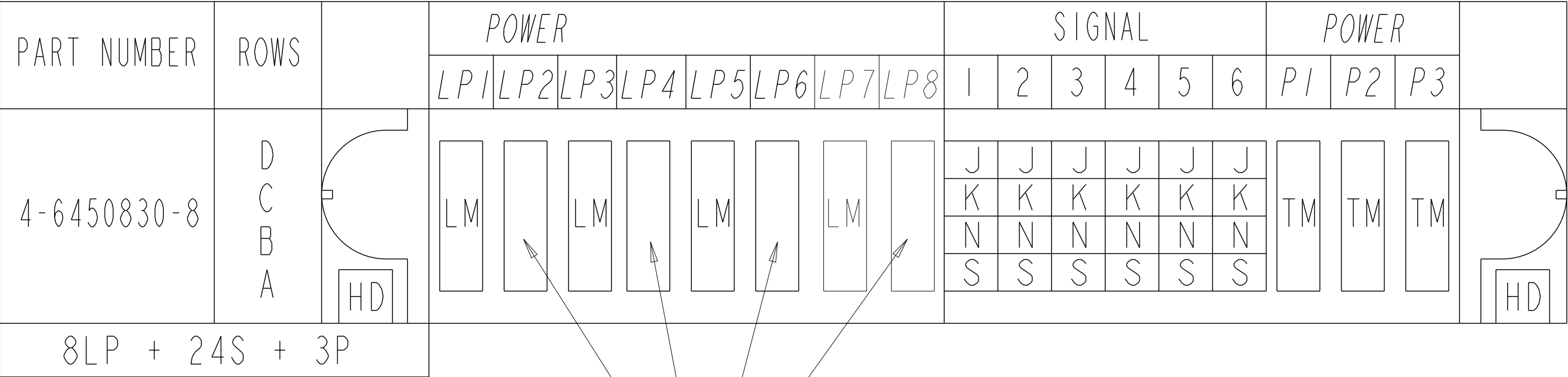
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S_ZHAO 10APR2007		 TE Connectivity	
		CHW S_ZHAO 10APR2007			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
INCHES		APVD -			
		S_ZHAO			
		PRODUCT SPEC			
		108-2292			
		APPLICATION SPEC		SIZE CASE CODE DRAWING NO.	
		114-13251			
		WEIGHT -			
MATERIAL		FINISH		RESTRICTED TO	
				A 100779 © 6450830	
CUSTOMER DRAWING				SCALE 4:1 SHEET 21 OF 42 REV S3	

[illegible]4805 (3/11)

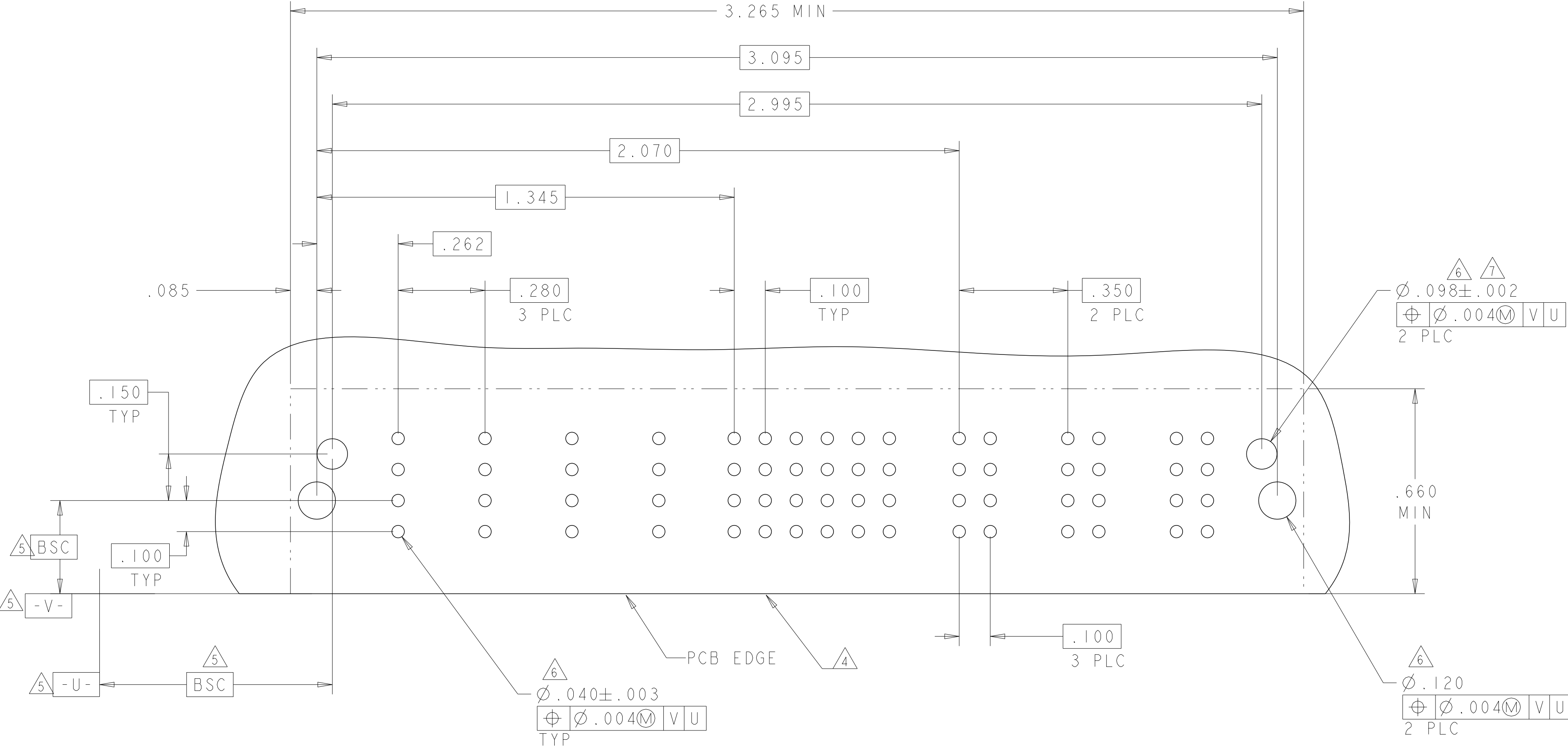
PART NUMBER	ROWS		POWER		SIGNAL		POWER		
			P1	P2	1	2	P3	P4	
4-6450830-7	D		LM	LM	FJE		TM	TM	
	C				K F				
	B				N N				
	A				S FS				
2LP + 8S + 2P			HD						HD

4805 (3/11)

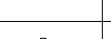
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET I	-	-	-

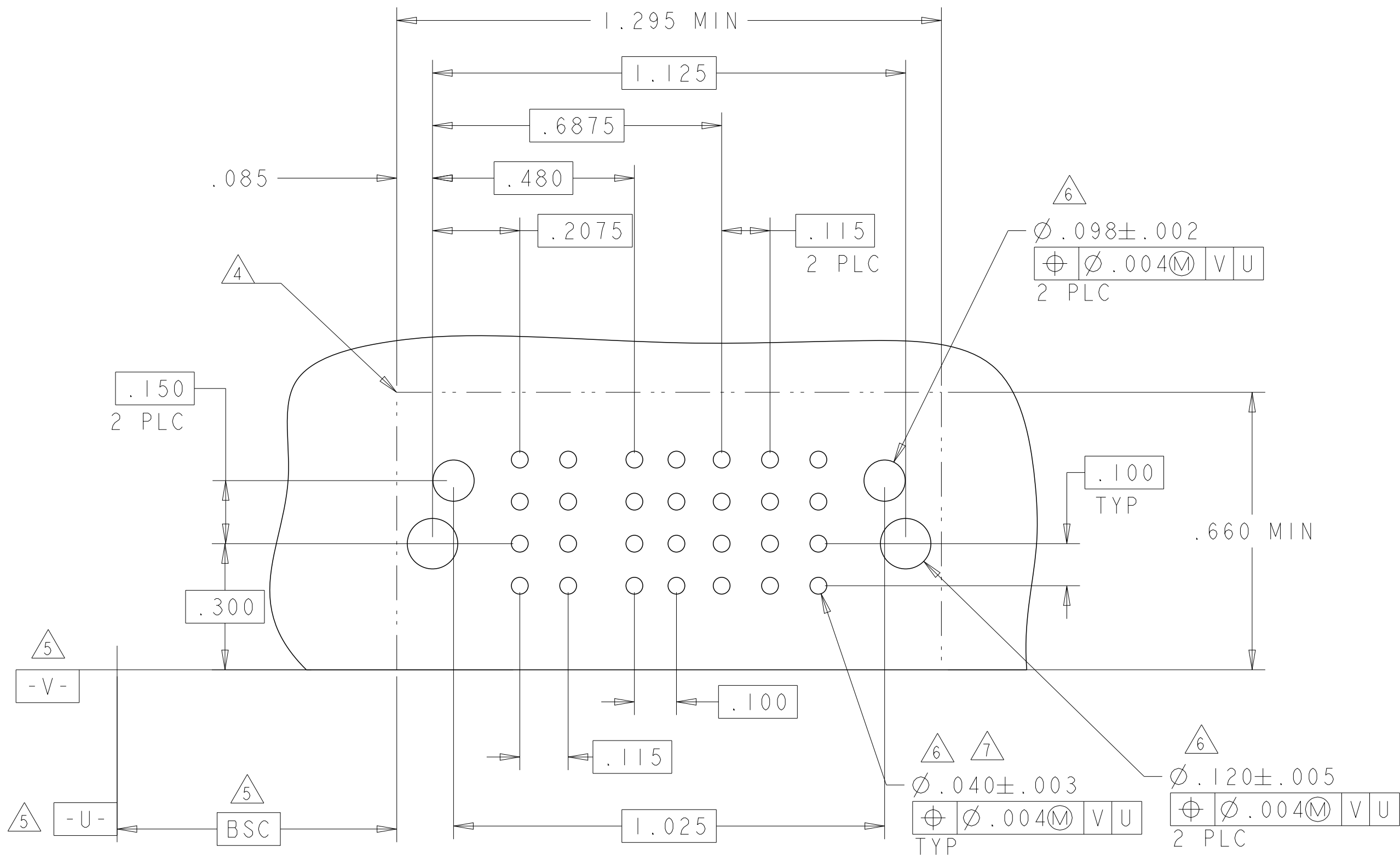


NO CONTACT LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT		DWN S_ZHAO		10APR2007			
		CHK S_ZHAO		10APR2007			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		 TE Connectivity			
INCHES		APPROVED S_ZHAO				NAME	
		PRODUCT SPEC 108-2232 APPLICATION SPEC 114-13251				RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
0 P.LC ±.1 1 P.LC ±.1 2 P.LC ±.1 3 P.LC ±.010 4 P.LC ±.1 ANGLES ±.2° FINISH		WEIGHT		SIZE CASE CODE DRAWING NO. RESTRICTED TO			
MATERIAL				A1 00779 C=6450830			
		CUSTOMER DRAWING		SCALE 4:1 SHEET 24 OF 42 REV 3			

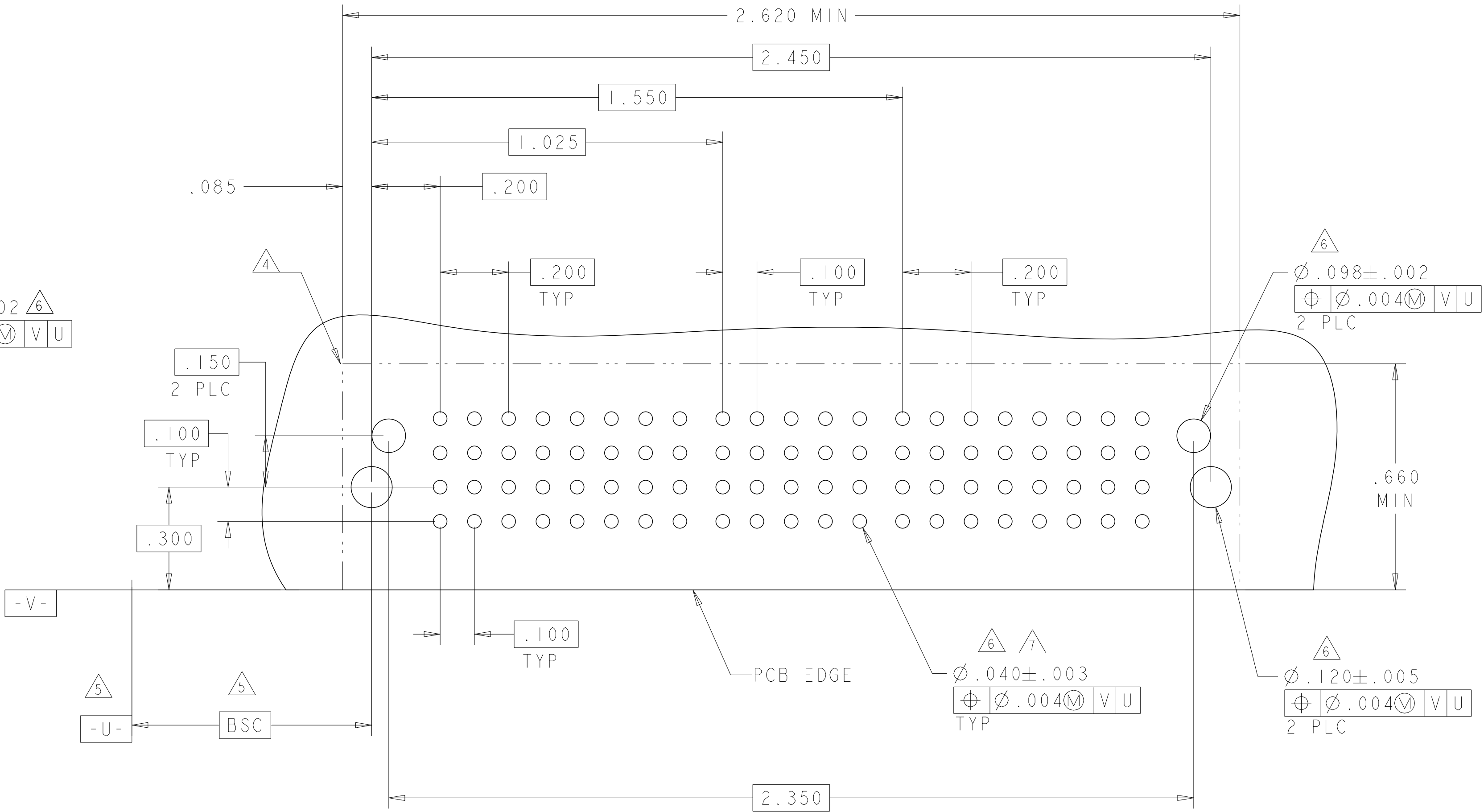
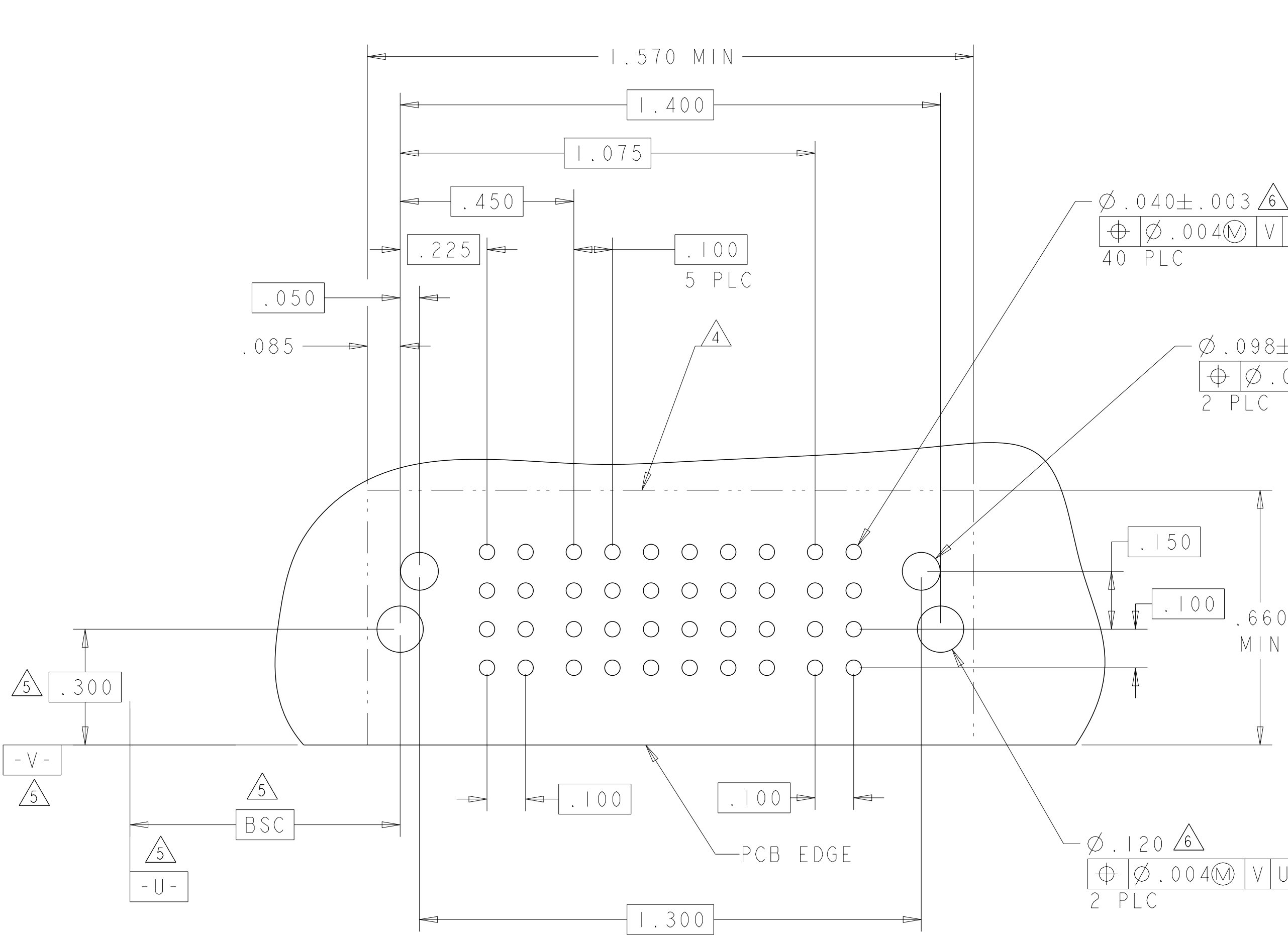
PART NUMBER	ROWS		POWER		SIGNAL		POWER			
			P1	P2	I	2	P3	P4	P5	
5-6450830-0	D		LM	LM	J	J	LMF	LMF	LMF	
	C				K	K				
	B				N	N				
	A				S	S				
2LP + 8S + 3LP		HD								

$$2LP + 8S + 3LP$$
4805 (3/11)

LOC		DIST		REVISIONS				
P	LYR	DESCRIPTION			DATE	DWN	APVD	
-		SEE SHEET 1			-	-	-	

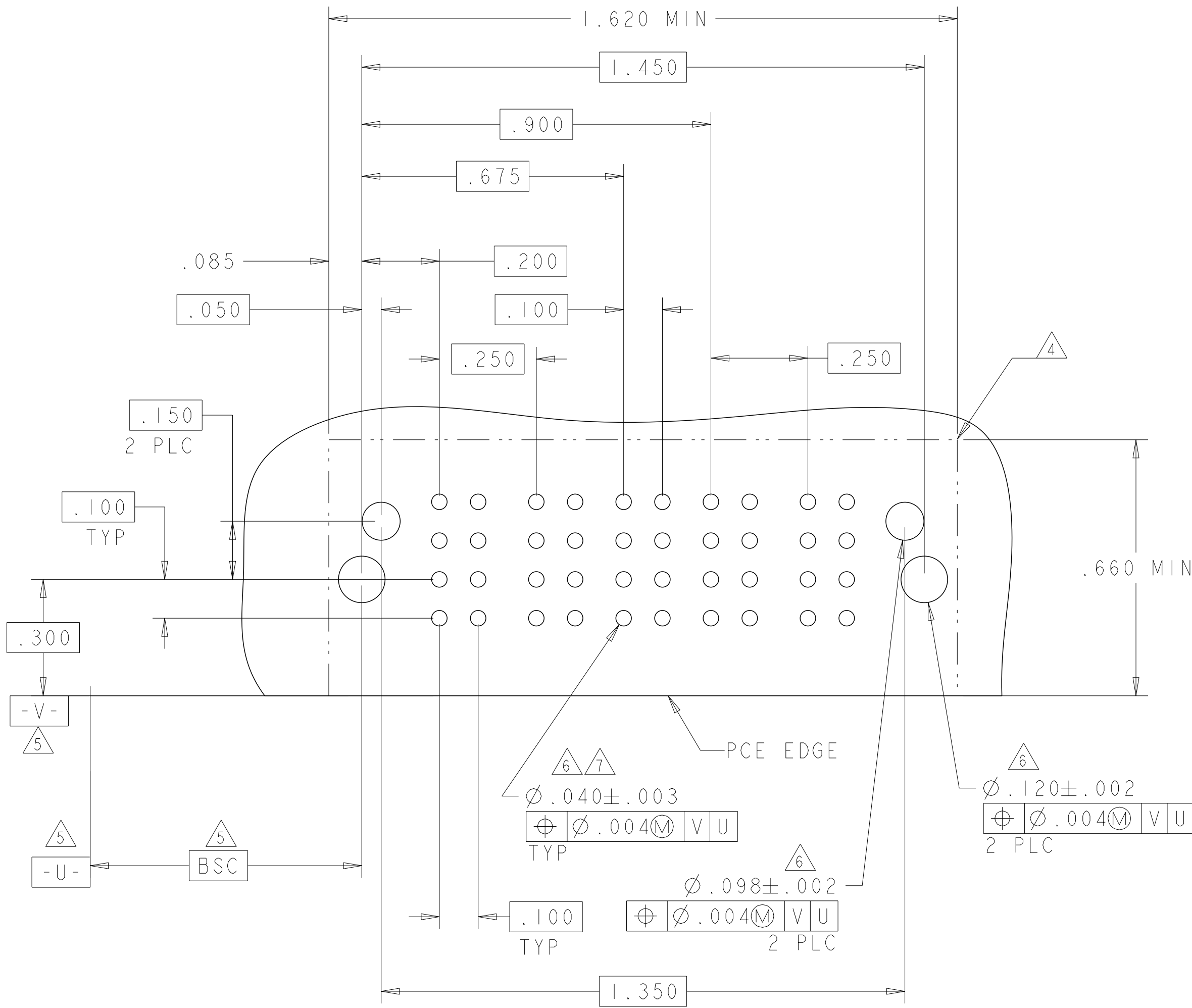
PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1		1	2	3	4	5	6	P2		
5-6450830-1	D		TM	J	J	J	J	J	J	TM			
	K			K	K	K	K	K					
	N			N	N	N	N	N					
	H			S	S	S	S	S					
IP + 24S + IP													

PART NUMBER	ROWS		POWER				SIGNAL					POWER				
			P1	P2	P3	P4	1	2	3	4	5	P5	P6	P7	P8	
5-6450830-2	D		TM	TM	TM	TM	J	J	J	J	J	TM	TM	TM	TM	
	C						K	K	K	K	K					
	B						N	N	N	N	N					
	A						H	S	S	S	S					
4P + 20S + 4P																

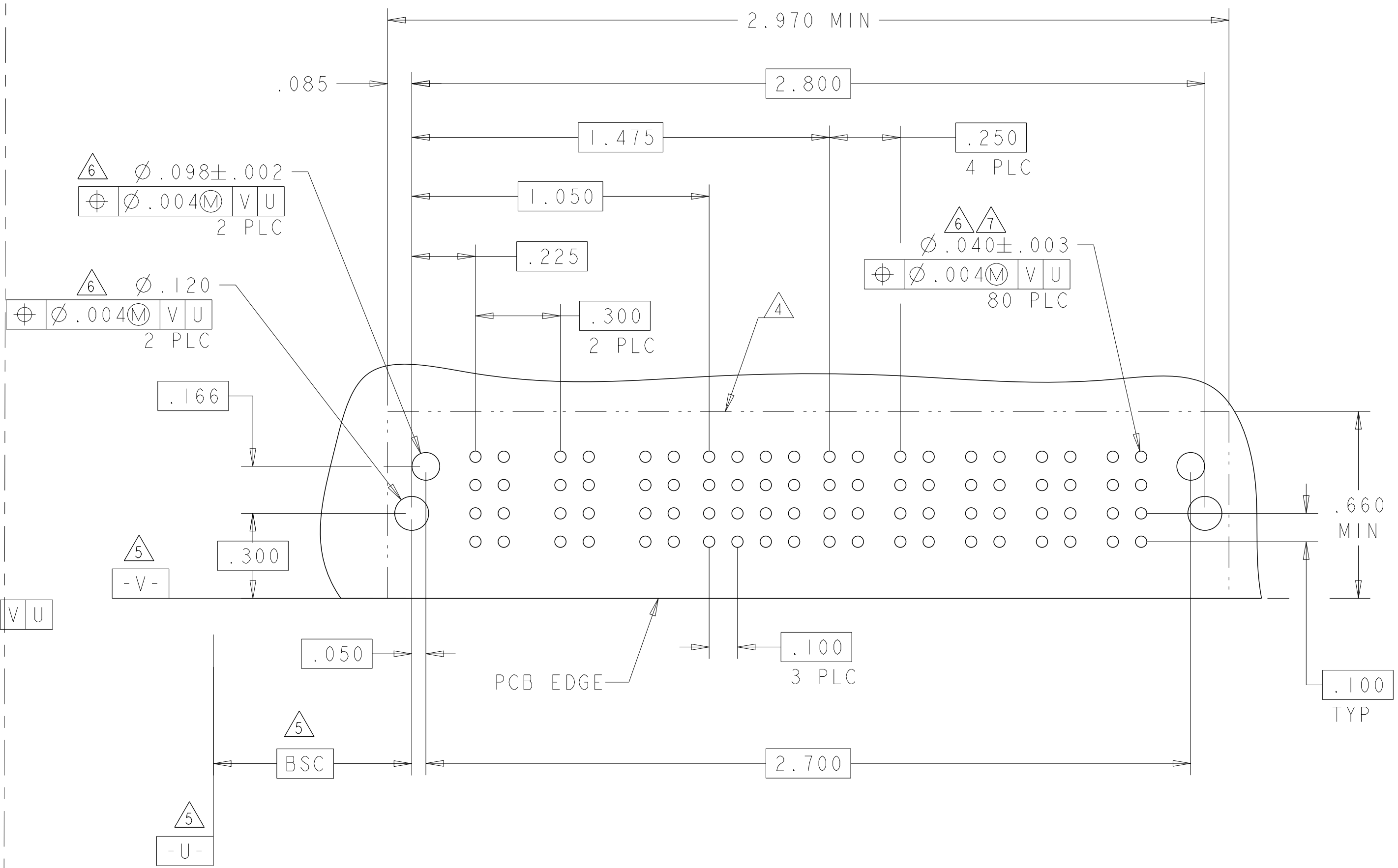


TE Connectivity

PART NUMBER	ROWS		POWER		SIGNAL		POWER		
			P1	P2	I	2	P4	P5	
5-6450830-4	D		TM	TM	J	J	TM	TM	
	K				K				
	N				N				
	S				S				
	A	HD							HD
2P + 8S + 2P									

4805 (3/11)

PART NUMBER	ROWS		POWER			SIGNAL				POWER					
			P1	P2	P3	1	2	3	4	P4	P5	P6	P7	P8	
5-6450830-6	D		TM	TM	TM	J	J	J	J	TM	TM	TM	TM	TM	
	K					K	K	K							
	N					N	N	N							
	S					S	S	S							
A	HD														HD
3ACP + 16S + 5P															

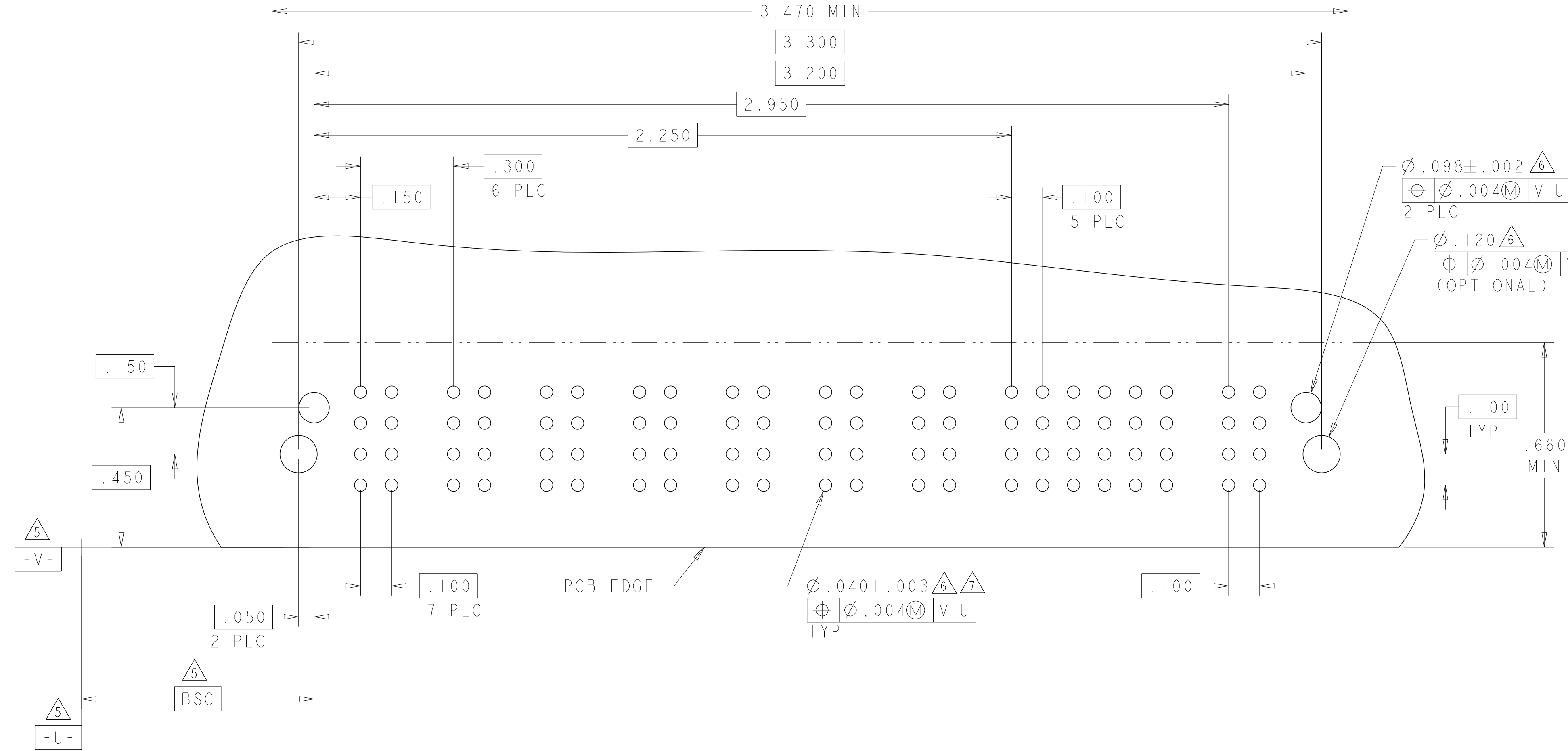
4805 (3/11)

.085
 2.900
 1.825
 1.200
 .100 TYP
 .250 3 PLC
 .225
 .250 3 PLC
 .150
 .300
 .050 2 PLC
 .100 4 PLC
 .100 TYP
 2.800
 .660 MIN
 .098 ± .002 6
 .004 (M) V U 2 PLC
 .120 6
 .004 (M) V U (OPTIONAL)
 PCB EDGE
 BSC
 -U-
 -V-

4805 (3/11)

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

PART NUMBER	ROWS		POWER							SIGNAL							
			P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6		
5-6450830-8	D		TM	TM	TM	TM	TM	TM	TM	FJ	FJ	FJ	FJ	FJ	FJ	TM	
	C									K	K	K	K	K	K		
	B									N	N	N	N	N	N		
	A	HD								S	S	S	S	S	S		HD
7ACP + 24S + 1P																	



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
S. ZHAO

CHK
S. ZHAO

APVD
S. ZHAO

10APR2007
10APR2007
-

DIMENSIONS:
INCHES

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±
±
±
±
±
±

±
±
±
±
±
±
±

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

PRODUCT SPEC
108-2292
APPLICATION SPEC
114-13251
WEIGHT
-

MATERIAL
-

CUSTOMER DRAWING

NAME
RIGHT ANGLE WITH SHORT GUIDES
AND LP CONTACTS ASSEMBLY
MULTI-BEAM XLE

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=6450830

RESTRICTED TO

SCALE
4:1

SHEET
30

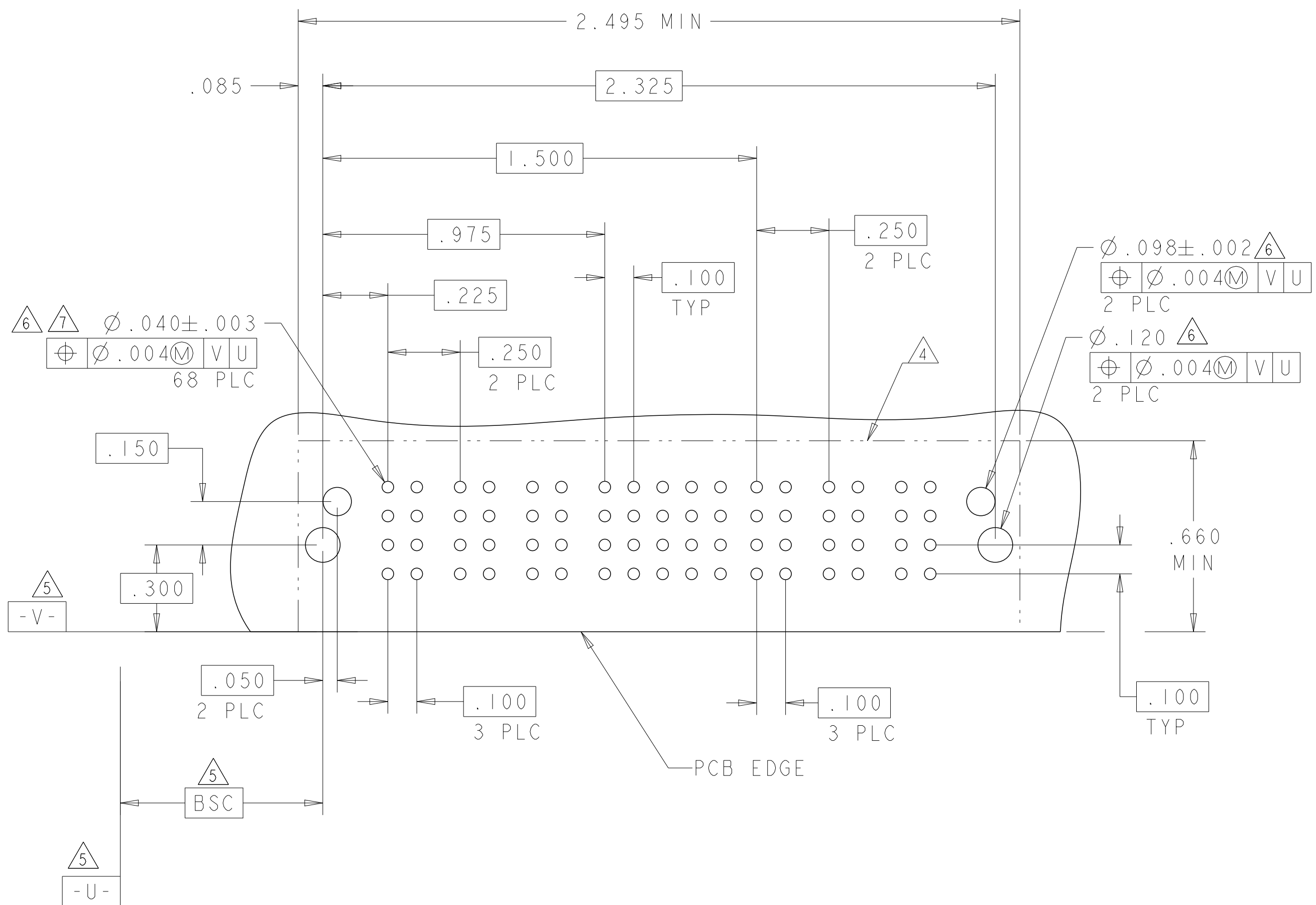
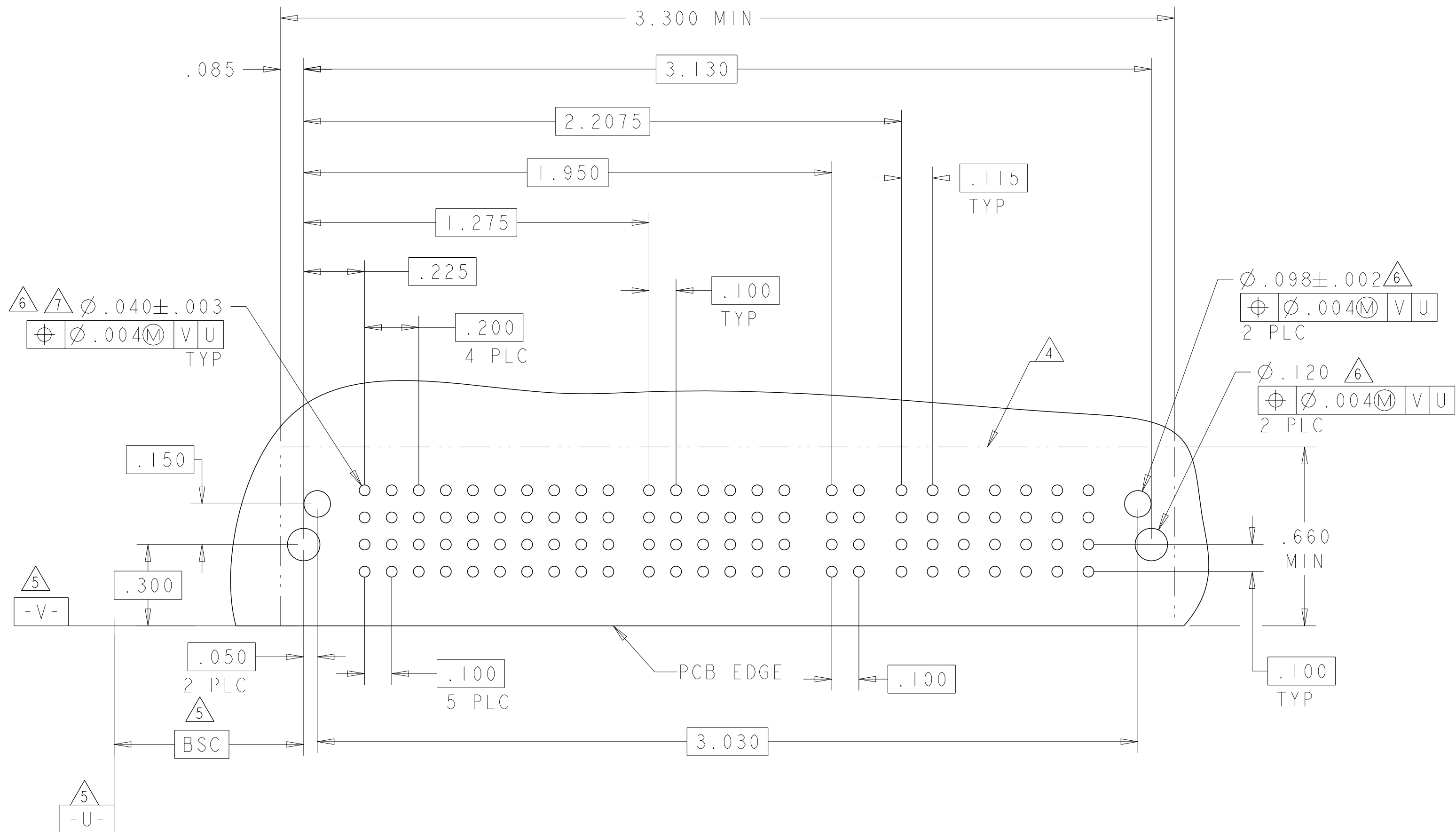
OF
42

REV
S3

TE Connectivity

TE Connectivity

PART NUMBER	ROWS		POWER			SIGNAL					POWER			
			P1	P2	P3	1	2	3	4	5	P4	P5	P6	
6-6450830-4	D		TM	TM	TM	J	J	J	J	J	TM	TM	TM	
	K					K	K	K	K					
	N					N	N	N	N					
	S					S	S	S	S					
	A	HD				S	S	S	S	S				HD
3P + 20S + 3P														



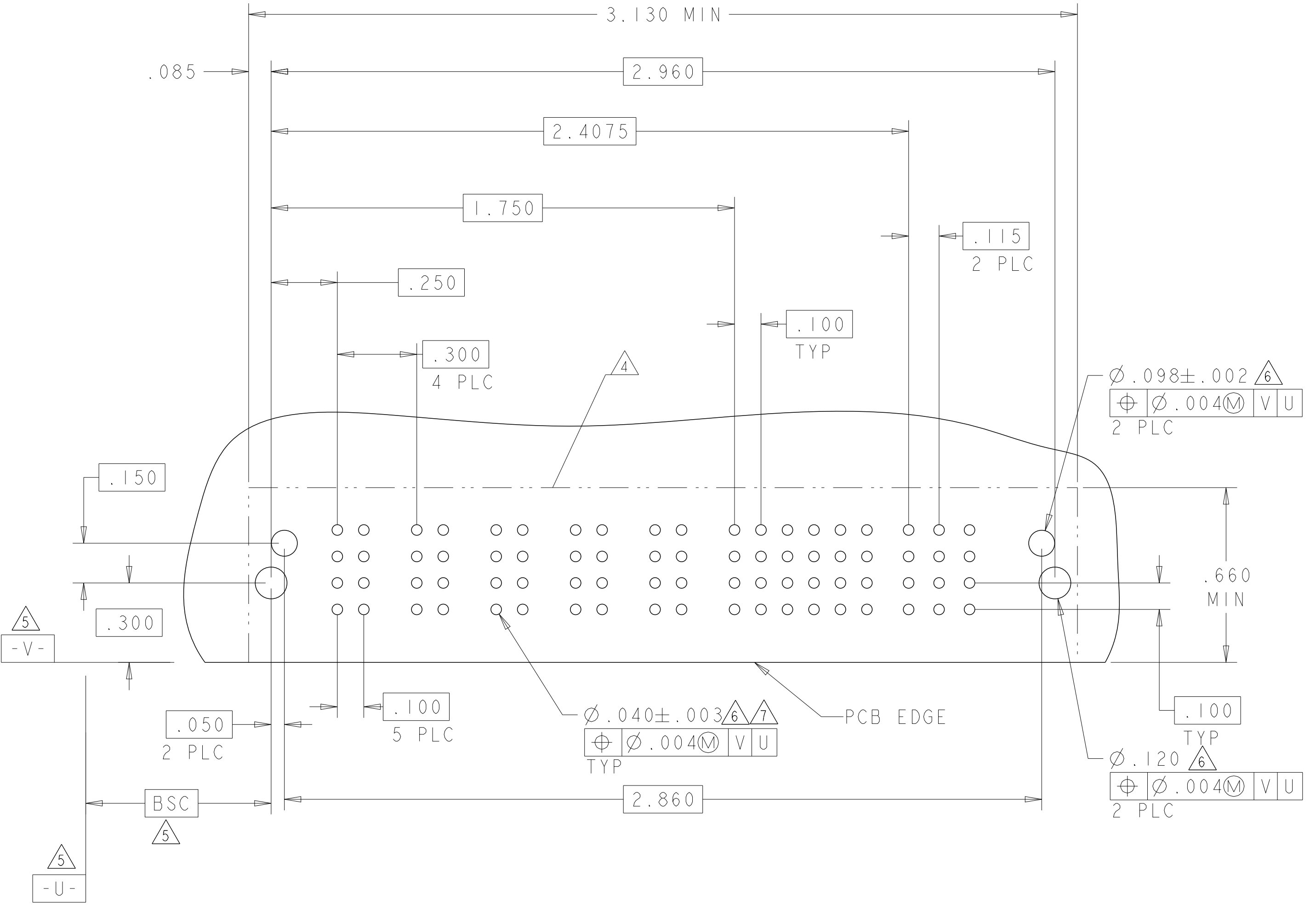
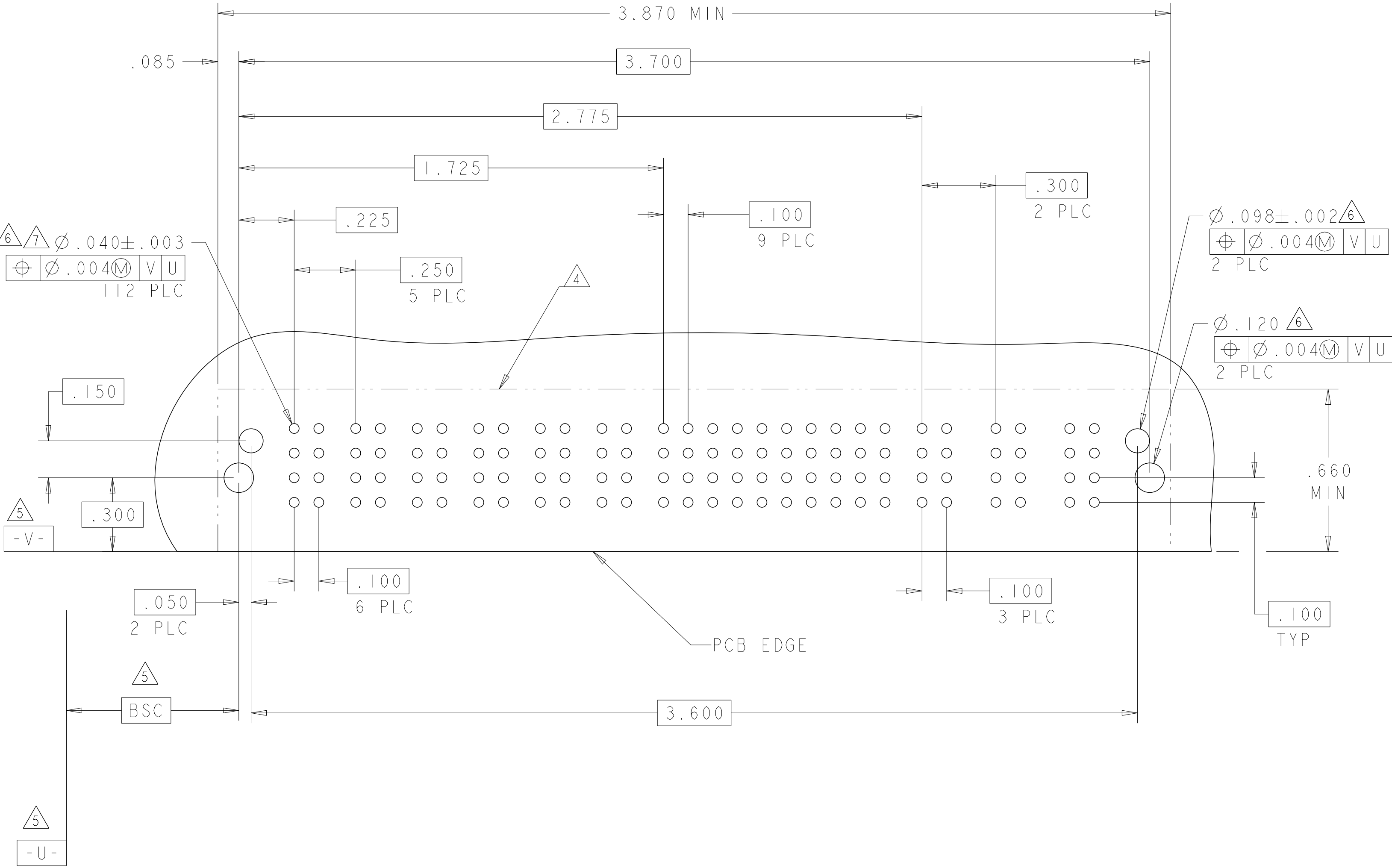
THIS DRAWING IS A CONTROLLED DOCUMENT...		DWG. S_ZHAO 10APR2007		 TE Connectivity	
		CHK. S_ZHAO 10APR2007			
DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME	
		P.L.C. ±.010		RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
		P.L.C. ±.010			
		P.L.C. ±.010			
		P.L.C. ±.010			
ANGLES		FINISH		SIZE	
-		-		CAGE CODE	
-		-		DRAWING NO	
-		-		RESTRICTED TO	
-		-		A 100779 © 6450830	
-		-		SCALE	
-		-		4:1	
-		-		SHEET 31	
-		-		OF 42	
-		-		REV. S	

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		
6-6450830-3	D		TM	TM	TM	TM	TM	TM	J	J	J	J	J	J	TM	TM	TM		
	K								K	K	K	K	K						
	N								N	N	N	N	N						
	A								HD										S
6P + 40S + 3ACP																			

PART NUMBER	ROWS		POWER					SIGNAL						POWER				
			P1	P2	P3	P4	P5	1	2	3	4	5	6	LP1	LP2	LP3	LP4	
6-6450830-6	D		TM	TM	TM	TM	TM	J	J	J	J	J	J	LMF	LM	LM		
	K							K	K	K	K	K						
	N							N	N	N	N	N						
	S							S	S	S	S	S						
5ACP + 24S + 4LP																		

NO CONTACTS LOADED



PART NUMBER	ROWS		LOW POWER						SIGNAL																								LOW POWER						
			LP1	LP2	LP3	LP4	LP5	LP6	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	21	22	23	24	LP7	LP8	LP9	LP10				
6-6450830-9	D		LMF	LM	LM	LM	LMF	LM	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	J				
	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	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	N
	A	HD							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
6LP + 96S + 4LP																																							

Technical drawing of a PCB layout showing dimensions, tolerances, and material specifications.

Overall dimensions and tolerances:

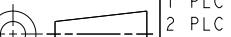
- Top horizontal dimension: 4.120 MIN
- Top horizontal dimension: 3.950
- Top horizontal dimension: 3.3975
- Top horizontal dimension: .115 (3 PLC)
- Top horizontal dimension: .940
- Top horizontal dimension: .100 (TYP)
- Top horizontal dimension: .2075
- Top horizontal dimension: .115 (5 PLC)
- Bottom horizontal dimension: .150
- Bottom horizontal dimension: .300
- Bottom horizontal dimension: .050 (2 PLC)
- Bottom horizontal dimension: .100 (TYP)
- Bottom horizontal dimension: .120 (2 PLC)
- Bottom horizontal dimension: .040 ± .003 (6/7) (TYP) (Ø .004 M V U)
- Bottom horizontal dimension: .098 ± .002 (6) (Ø .004 M V U) (2 PLC)
- Bottom horizontal dimension: .660 MIN
- Bottom horizontal dimension: .3850

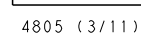
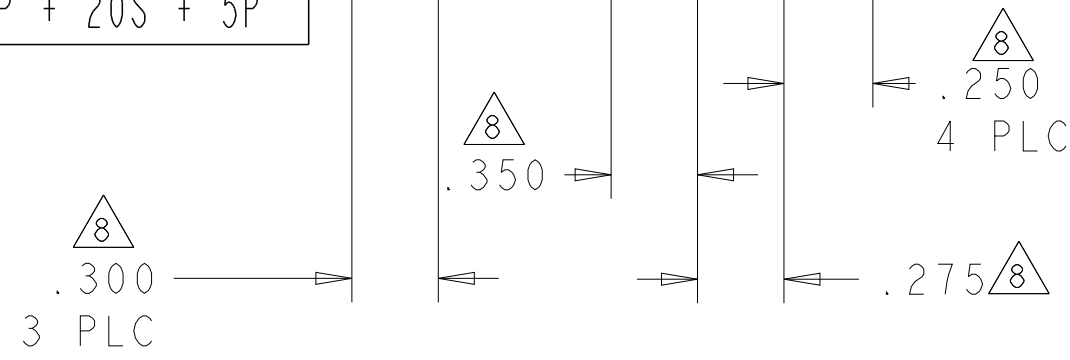
Material specifications and tolerances:

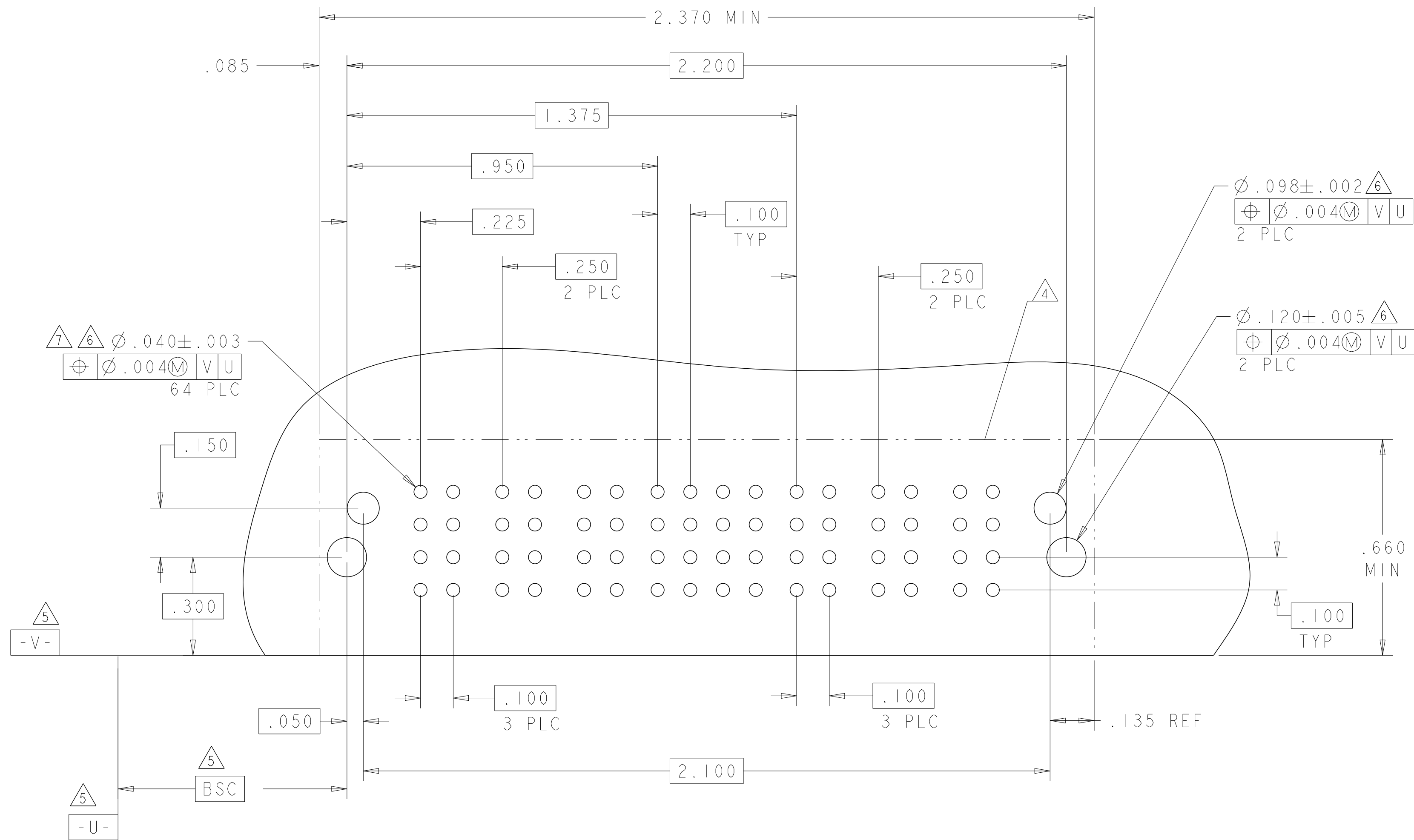
- Material: BSC
- Material: -V-
- Material: -U-
- Material: 4
- Material: 5
- Material: 6
- Material: 7
- Material: 8
- Material: 9
- Material: 10
- Material: 11
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- Material: 97
- Material: 98
- Material: 99
- Material: 100

Other features:

- PCB EDGE
- PLC (Plating Layer Control)
- TYP (Typical)
- MIN (Minimum)
- Ø (Diameter)
- M (Material)
- V (Value)
- U (Unit)

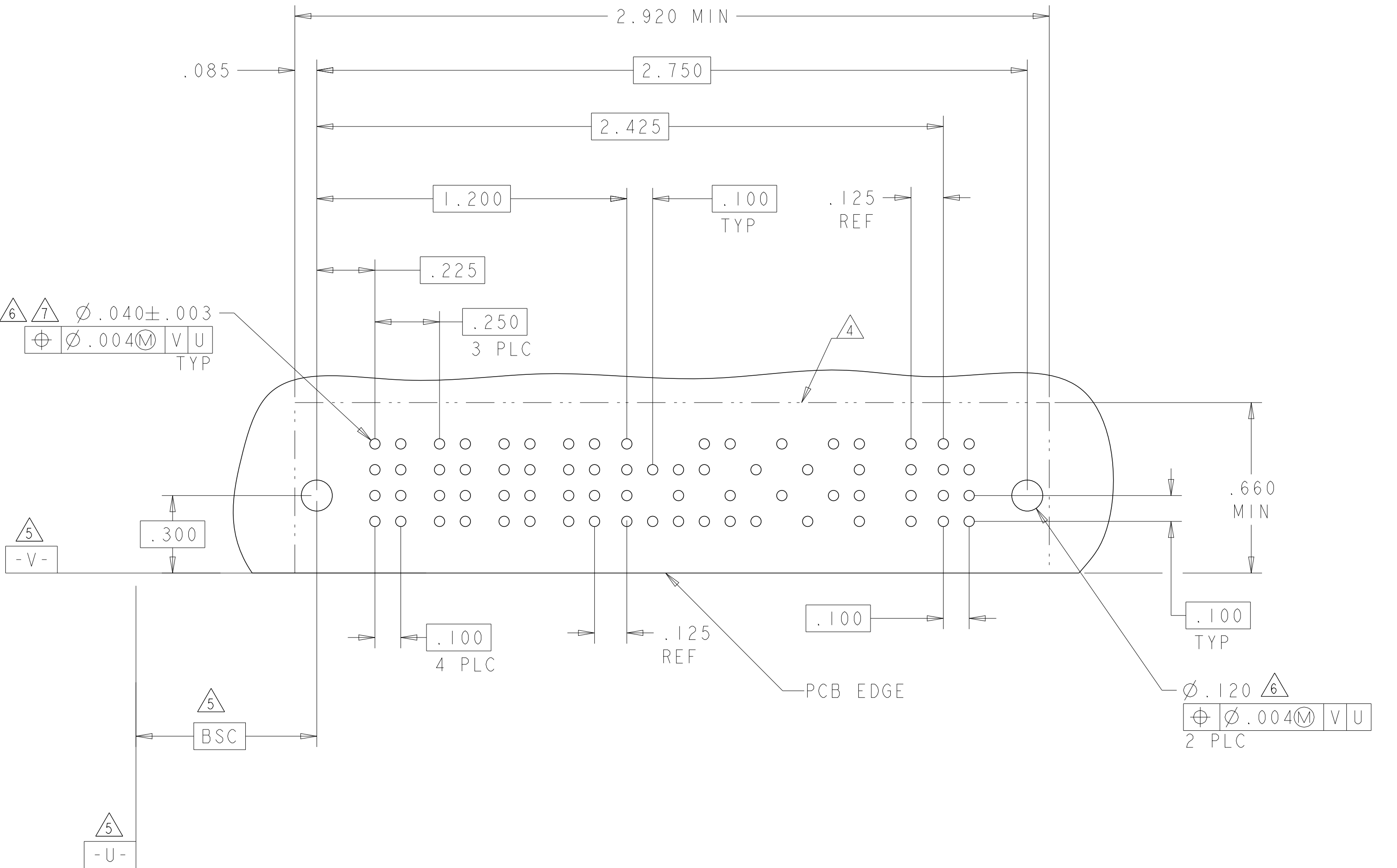
THIS DRAWING IS A CONTROLLED DOCUMENT.						DWN	10APR2007						
DIMENSIONS: INCHES 						S_ZHAO	10APR2007	 TE Connectivity					
						CW							
						S_ZHAO	10APR2007						
						APVD	-						
TOLERANCES UNLESS OTHERWISE SPECIFIED:						NAME	RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE						
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ±.010 4 PLC ± ANGLES ±°						PRODUCT SPEC							
						APPLICATION SPEC							
						114-13251							
MATERIAL	FINISH					WEIGHT	-	A		SIZE	CAGE CODE	DRAWING NO.	RESTRICTED TO
-	-							100779		©	6450830		
CUSTOMER DRAWING						SCALE	4:1	SHEET	34	OF	42	REV	S3



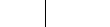
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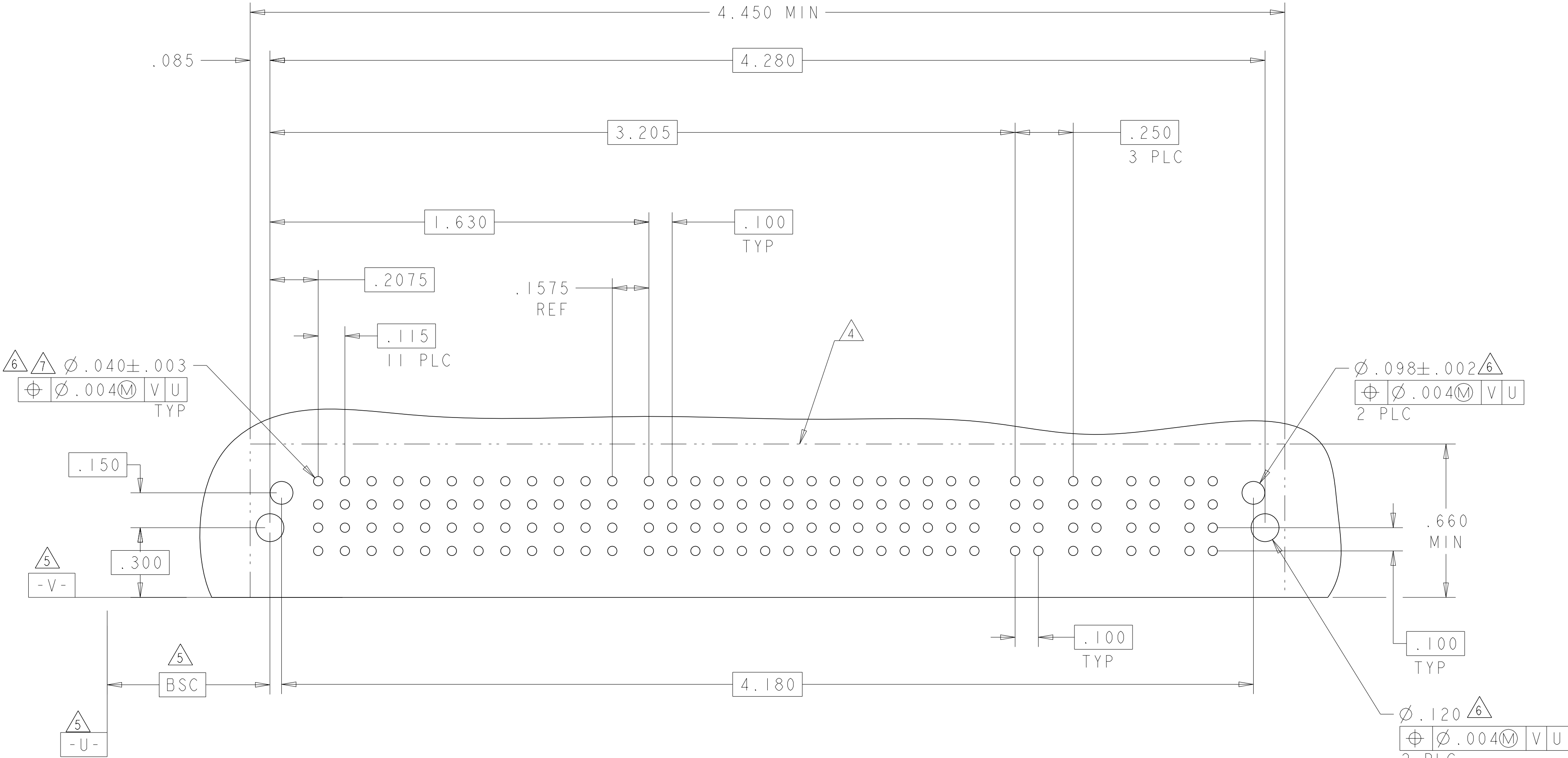
S3

PART NUMBER	ROWS		POWER				SIGNAL												POWER	
			P1	P2	P3	P4	1	2	3	4	5	6	7	8	9	10	11	12	P4	
7-6450830-7	D		TM	TM	TM	TM	E			E	J		J		J	E		E	TM	
	F						F	F	F		K		K		F		F			
	G							G		N		N		G		N				
	H						H	H	H	H	H		S		H		H			
4P + 48S + 1P																				

4805 (3/11)

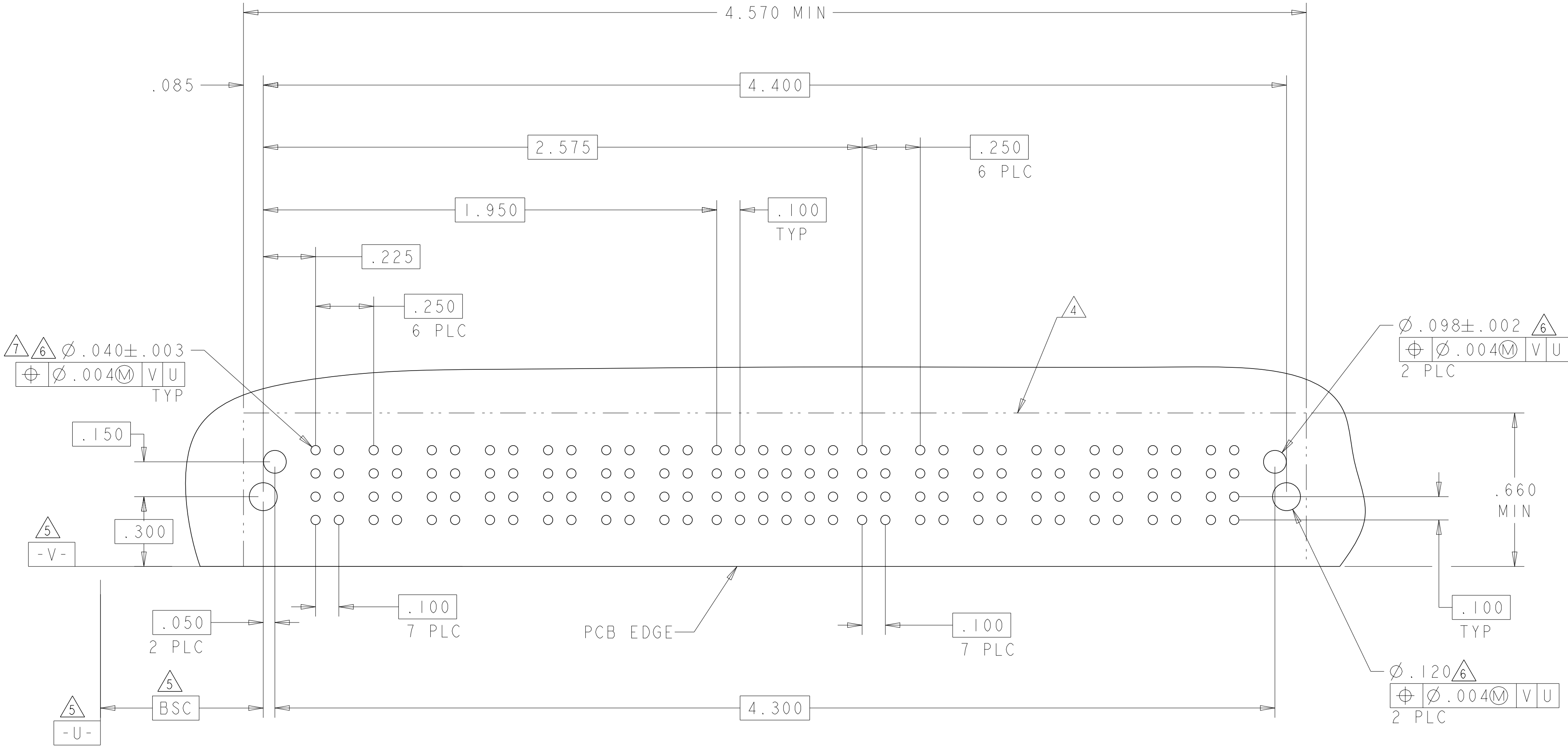
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	-		SEE SHEET 1	-	-	-

PART NUMBER	ROWS		LOW POWER												SIGNAL															POWER					
			LP1	LP2	LP3	LP4	LP5	LP6	LP7	LP8	LP9	LP10	LP12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	P1	P2	P3	P4			
7-6450830-8	D		LM	LM	LM	LM	LM	LM	LM	LM	LM	LM	LM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	TM	TM	TM	TM				
	C													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
	A													HD	S	S	S	S	S	S	S	S	S	S	S	S	S						S	S	S
12LP + 60S + 4P																																			



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	P8	P9	P10	P11	P12	P13	P14	
7-6450830-9	D		TM	TM	TM	TM	TM	TM	TM	E	E	E	E	E	E	TM	TM	TM	TM	TM	TM	TM	
	C									F	F	F	F	F	F								
	B									G	G	G	G	G	G								
	A									HD	H	H	H	H	H								
7P + 24S + 7P																							

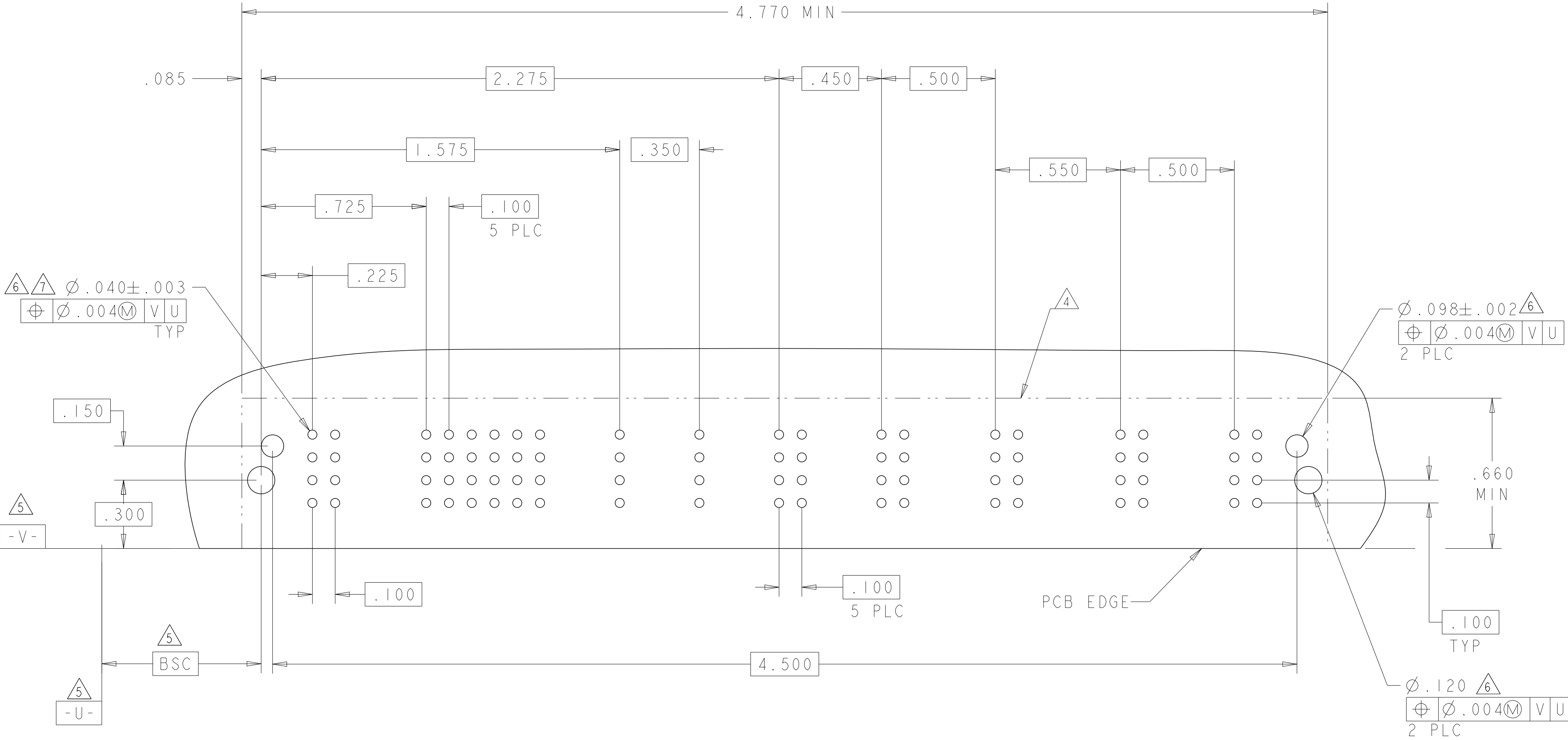


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S_ZHAO 10APR2007	 TE Connectivity			
		CHK S_ZHAO 10APR2007				
DIMENSIONS: INCHES		APVD S_ZHAO -	NAME	RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:					
	PRODUCT SPEC					
	108-2292					
	APPLICATION SPEC					
	114-13251					
MATERIAL -		WEIGHT -	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
			A1	00779	C=6450830	
CUSTOMER DRAWING			SCALE	4:1	SHEET 39 OF 42	REV S3

NO CONTACTS LOADED

NO CONTACTS LOADED

NO CONTACTS LOADED

4805 (3/11)

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

PART NUMBER	ROWS		LOW POWER									SIGNAL									POWER	LOW POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			LP1	LP2	LP3	LP4	LP5	LP6	LP7	LP8	LP9	1	2	3	4	5	6	7	8	9		PI	LP10	LP11	LP12	LP13	LP14	LP15	LP16	LP17	LP18	LP19	LP20	LP21	LP22	LP23	LP24	LP25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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