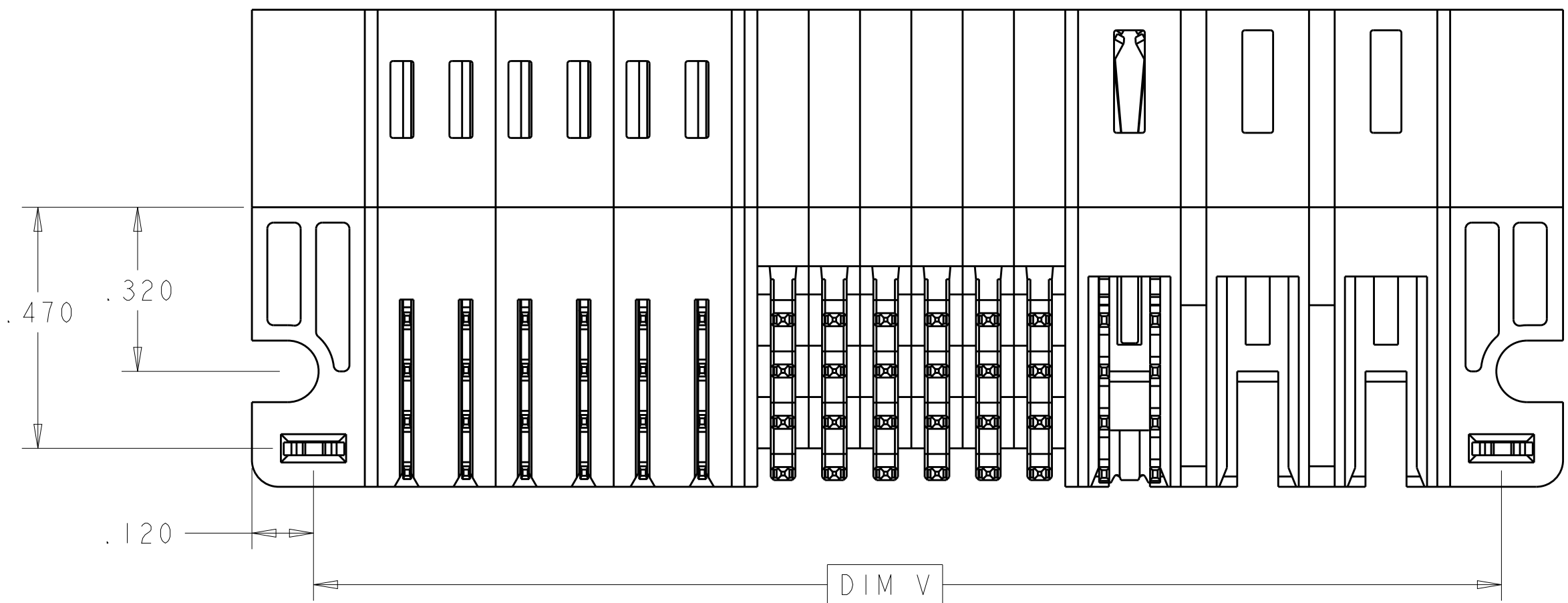
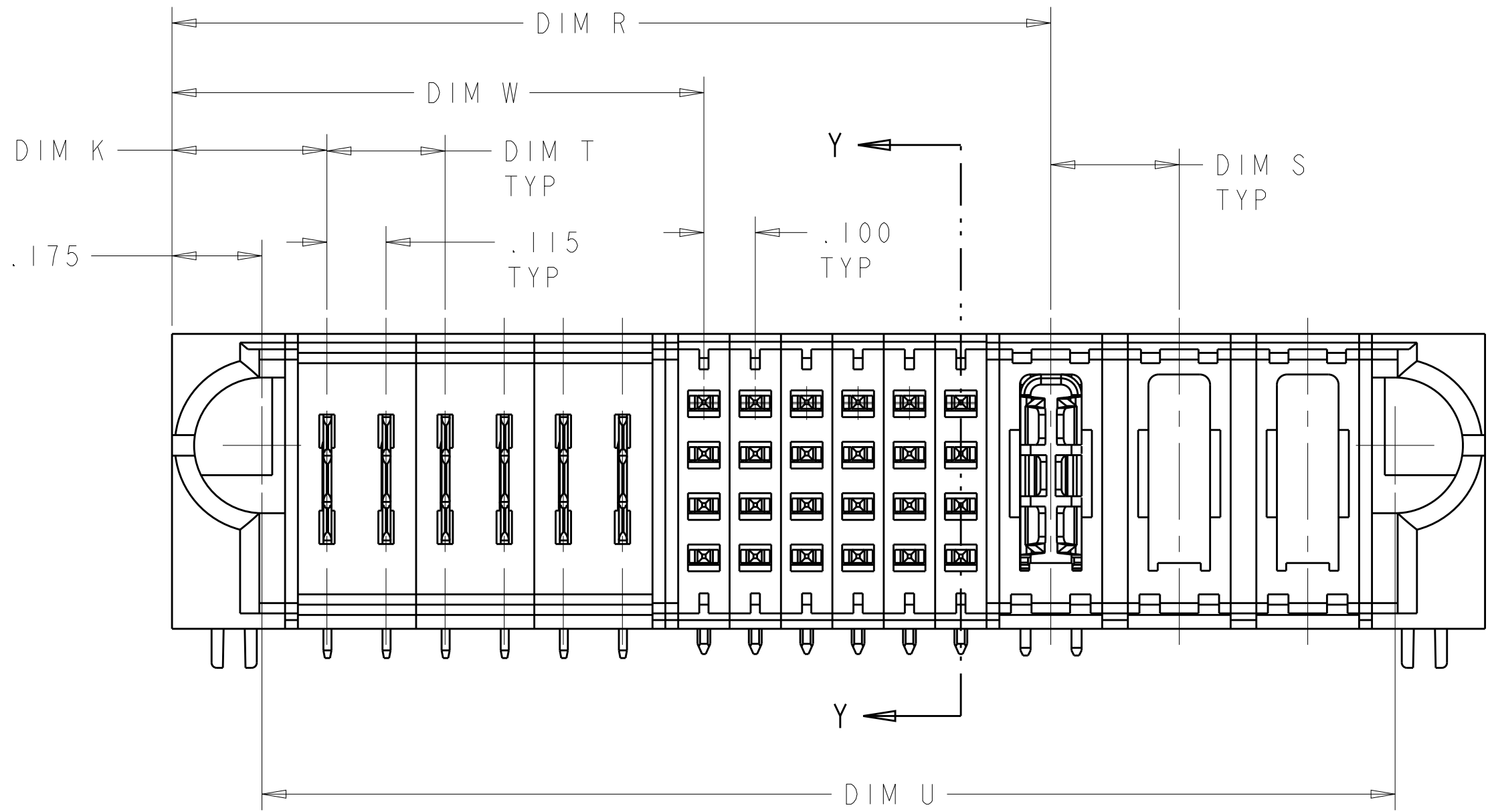
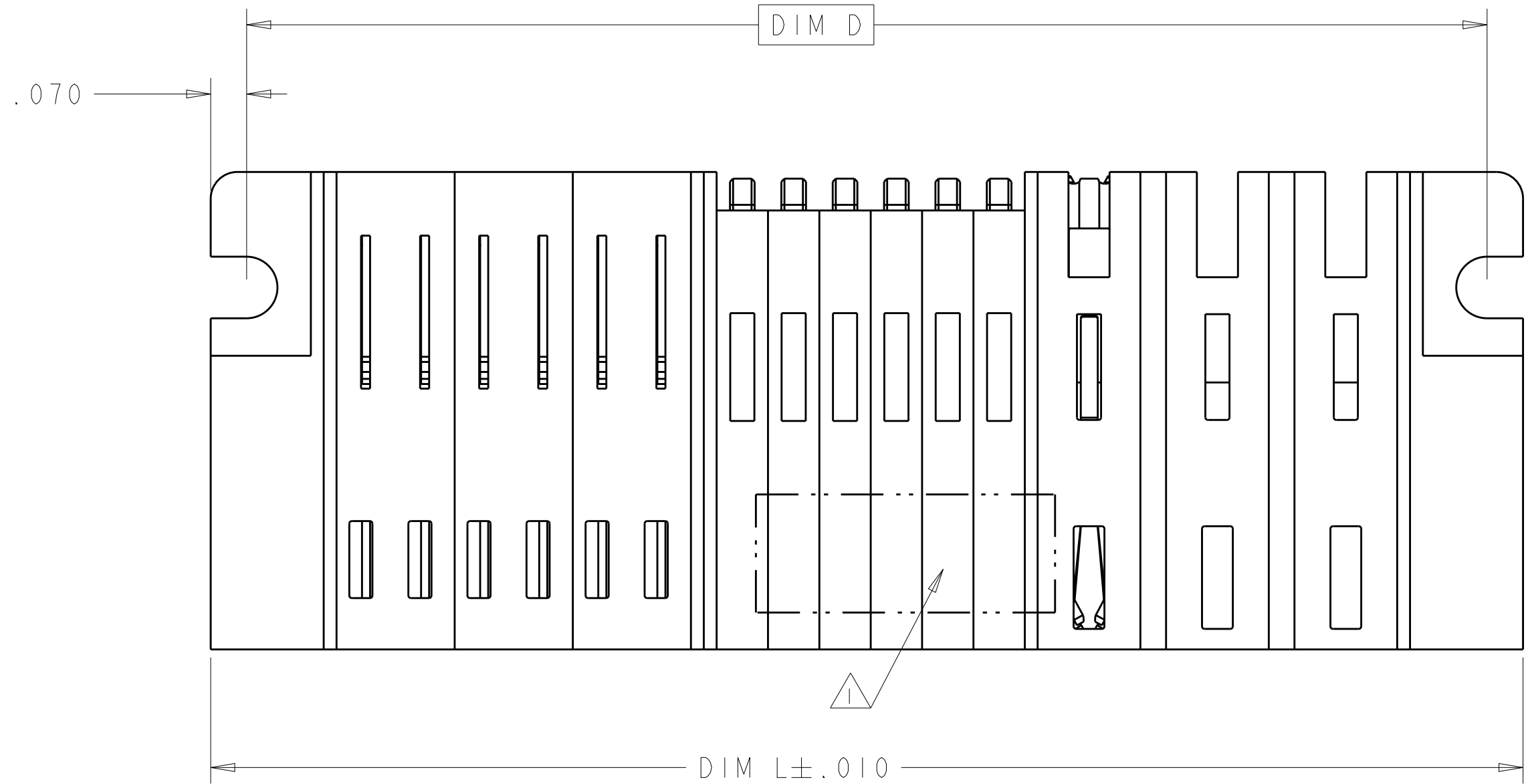
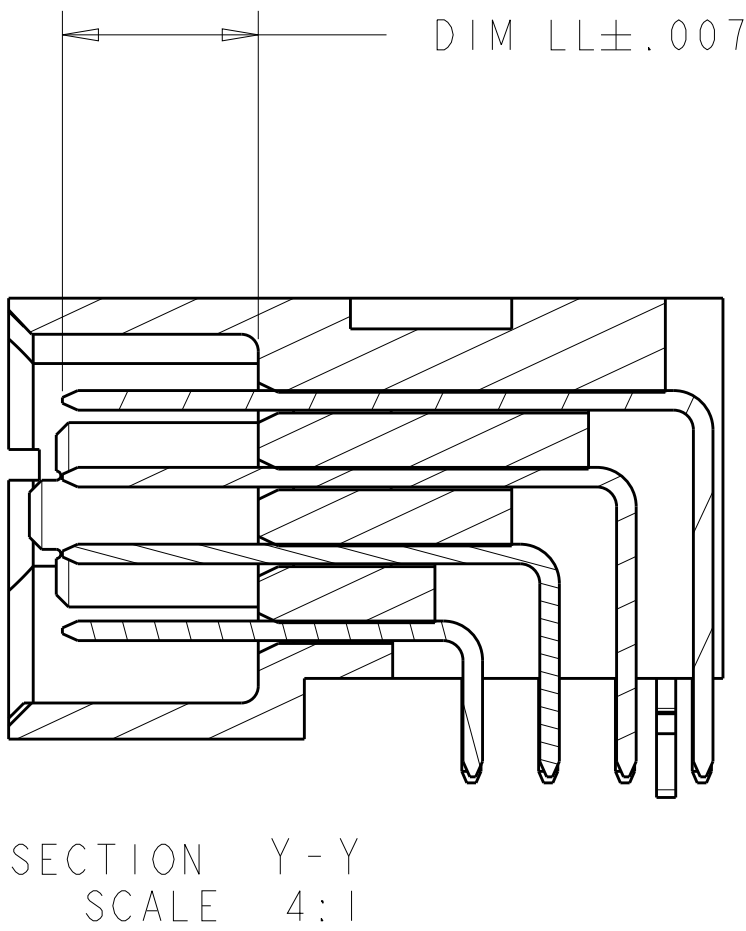
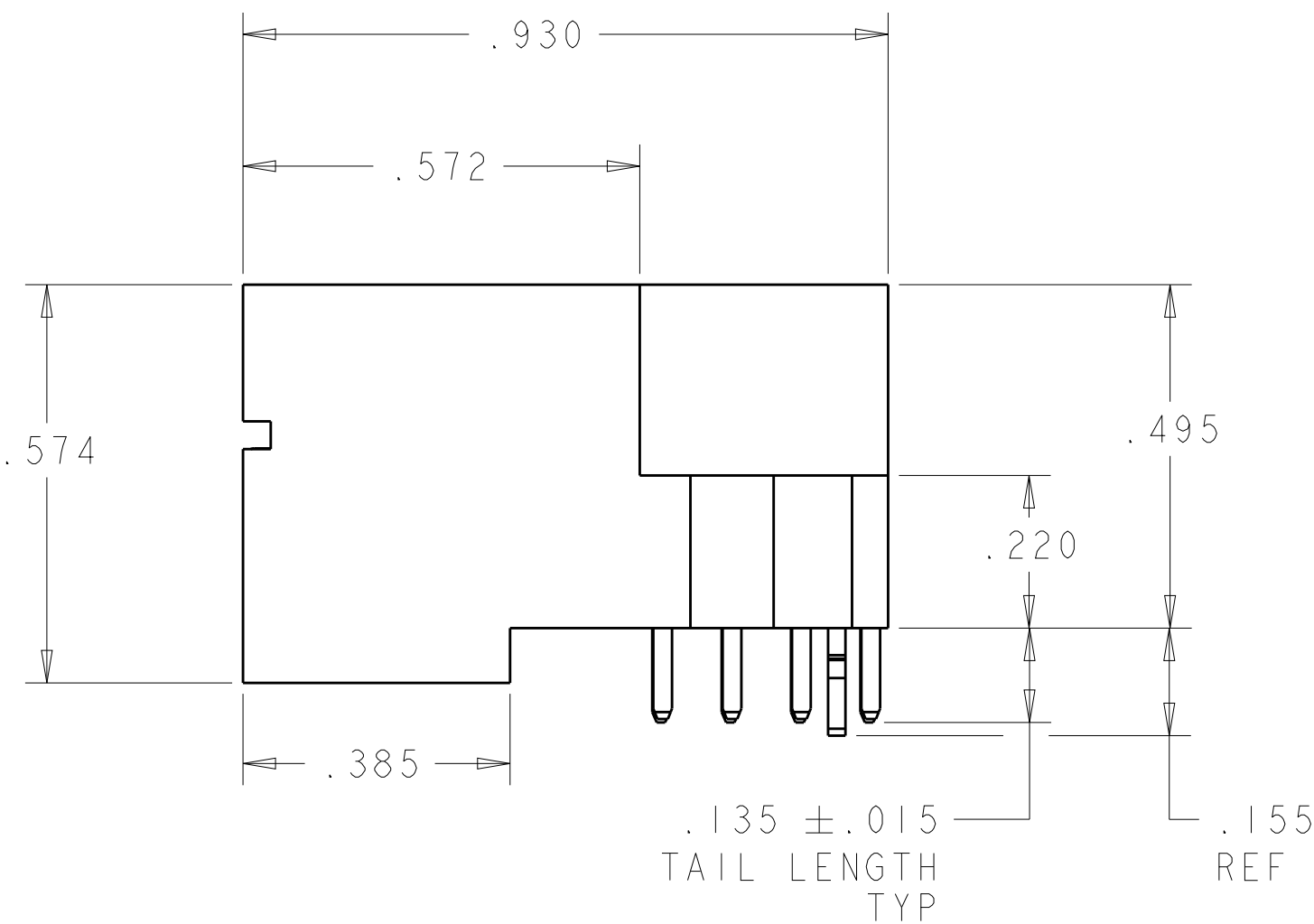


LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			R9	REVISED 8-1	05NOV2014	CZ	SZ
			S	ADD NEW DASH NUMBER 8-2	07FEB2015	CZ	SZ
			S2	REVISED 8-2 CUSTOMER	09MAR2015	CZ	SZ



- 1 "AMP", 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 DIMENTIONS.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S.ZHAO 10APR2007	TE Connectivity	
		CHK S.ZHAO 10APR2007		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME	
		0 PLC ±"	PRODUCT SPEC	
		1 PLC ±.01	108-2292	
		2 PLC ±.01	APPLICATION SPEC	
		3 PLC ±.005	114-13251	
		4 PLC ±.0020	WEIGHT	
MATERIAL		FINISH	SIZE CAGE CODE DRAWING NO	
2		3	A100779C=6450830	
			CUSTOMER DRAWING	
			SCALE 4:1 SHEET 1 OF 42 REV S2	

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

2.100	1.495	1.020	1.990	0.250	0.250	2.200	2.340	.3450	3P + 16S + 3P	7-6450830-3
1.000	.895	.570	.890	-	-	1.100	1.240	.345	1P + 8S + 1P	7-6450830-2
4.750	3.645	3.070	4.640	.250		4.850	4.990	.370	3ACP + 7P + 20S + 5P	7-6450830-1
3.850	3.4675	1.010	3.740	.230	.230	3.950	4.090	.2775	6LP + 96S + 4LP	7-6450830-0
3.850	3.4675	1.010	3.740	.230	.230	3.950	4.090	.2775	6LP + 96S + 4LP	6-6450830-9
2.420	2.0375	.780	2.310	.230	.230	2.520	2.660	.2775	4LP + 48S + 4LP	6-6450830-8
5.400	4.5575	1.700	5.290	.230	.230	5.500	5.640	.2775	12LP + 112S + 8LP	6-6450830-7
2.860	2.4775	1.820	2.750	.230	.300	2.960	3.100	.370	5ACP + 24S + 4LP	6-6450830-6
2.225	1.620	1.045	2.115	.250	.250	2.325	2.465	.345	3P + 20S + 3P	6-6450830-4
3.600	2.895	1.795	3.490	.300	.250	3.700	3.840	.345	6P + 40S + 3ACP	6-6450830-3
3.030		1.345	2.920			3.130	3.270	.345	5HDP + 24S + 1P + 7LP	6-6450830-2
1.135	.9825	.550	1.025	-	-	1.235	1.375	.2775	2LP + 16S + 2LP	6-6450830-0
3.200	3.120	2.370	3.090	-	.300	3.300	3.440	.320	7ACP + 24S + 1P	5-6450830-8
2.800	1.945	1.270	2.690	.250	.250	2.900	3.040	.345	4P + 24S + 4P	5-6450830-7
2.700	1.595	1.120	2.590	.250	.300	2.800	2.940	.345	3ACP + 16S + 5P	5-6450830-6
2.655	2.5025	2.145	2.545	.115		2.755	2.895	.345	3ACP+3P+12S+2LP	5-6450830-5
1.350	1.020	.745	1.240	.250	.250	1.450	1.590	.320	2P + 8S + 2P	5-6450830-4
2.450	1.595	1.120	2.340	.250	.300	2.550	2.690	.345	3ACP + 16S + 4P	5-6450830-3
2.350	1.670	1.095	2.240	.200	.200	2.450	2.590	.320	4HDP + 20S + 4HDP	5-6450830-2
1.300	1.145	.520	1.190	-	-	1.400	1.540	.345	1P + 24S + 1P	5-6450830-1
1.025	.7575	.550	.915	-	-	1.125	1.265	.2775	2LP + 8S + 3LP	5-6450830-0
2.300	1.6950	1.020	2.190	.250	.250	2.400	2.540	.3450	3P + 24S + 3P	4-6450830-9
2.995	2.190	1.415	2.885	.350	.280	3.095	3.235	.3025	8LP + 24S + 3P	4-6450830-8
1.280	.875	.575	1.170	.250	-	1.380	1.520	.3015	2LP + 8S + 2P	4-6450830-7
1.750	1.345	.845	1.640	.250	.250	1.850	1.990	.395	2P + 16S + 2P	4-6450830-6
2.300	1.6950	1.020	2.190	.250	.250	2.400	2.540	.3450	3P + 24S + 3P	4-6450830-5
1.600	1.245	.770	1.490	.250	.250	1.700	1.840	.3450	2P + 16S + 2P	4-6450830-4
6.100	2.195	1.845	5.990	.250	.375	6.200	6.340	.395	4P + 12S + 16P	4-6450830-3
2.500	1.645	1.270	2.390	.250	.250	2.600	2.740	.3450	4P + 12S + 4P	4-6450830-2
3.675	2.445	2.045	3.565	.375	.375	3.775	3.915	.3450	5ACP + 12S + 4ACP	3-6450830-8
1.190	-	1.060	1.080	-	.230	1.290	1.430	.3775	6LP + 8S	3-6450830-7
1.920	1.0775	.870	1.810	-	.300	2.020	2.160	.320	2ACP + 8S + 4LP	3-6450830-6
2.195	1.465	.865	2.085		.215	2.295	2.435	.2775	3LP + 20S + 4HDP	3-6450830-5
4.400	3.220	2.695	4.290		.300	4.500	4.640	.3700	8ACP + 16S + 4ACP	3-6450830-4
3.075	2.395	1.920	2.965		.300	3.175	3.3150	.3700	4ACP + 12S + 3P	3-6450830-3
3.075	2.395	1.920	2.965		.300	3.175	3.3150	.3700	4ACP + 12S + 3P	3-6450830-2
.935	.7825	.550	.825	-	-	1.035	1.175	.2775	2LP + 8S + 2LP	3-6450830-1
3.075	2.395	1.920	2.965		.300	3.175	3.3150	.3700	4ACP + 12S + 3P	3-6450830-0
2.160	1.7775	1.145	2.050	-	.300	2.260	2.400	.3450	3ACP + 24S+ 4LP	2-6450830-9
1.600	1.295	.720	1.490	.200	.200	1.700	1.840	.3450	2P + 20S + 2P	2-6450830-8
1.500	1.195	.720	1.390	.200	.200	1.600	1.740	.3450	2P + 16S + 2P	2-6450830-7
1.475	1.320	.595	1.365	-	-	1.575	1.715	.3700	1P + 24S + 1P	2-6450830-6
2.100	1.795	.720	1.990	.200	.200	2.200	2.340	.3450	2P + 40S + 2P	2-6450830-4
2.750	2.0450	1.270	2.640	.300	.250	2.850	2.990	.3450	4P + 28S + 3ACP	1-6450830-9
2.460	1.8575	.625	2.350	-	-	2.560	2.700	.1700	1P+2LP+48S+2LP+1P	1-6450830-7
	-	-	-	-	-	-	-	-	4P+16S+24S+2HDP	1-6450830-8
2.750	2.0450	1.270	2.640	.300	.250	2.850	2.990	.3450	4P + 28S + 3ACP	1-6450830-5
1.800	1.4450	.770	1.690	.250	.250	1.900	2.040	.3450	2P + 24S + 2P	1-6450830-4
2.375	1.520	.845	2.265	.250	.300	2.475	2.615	.3450	2ACP + 24S + 4P	1-6450830-3
3.000	2.5025	1.945	2.890	.230		3.000	3.240	.3200	8HDP + 20S + 5LP	1-6450830-2
3.615	1.6850	1.010	3.505		.230	3.715	3.855	.2775	6LP + 24S + 10P	1-6450830-0
2.300	1.6950	1.020	2.190	.250	.250	2.400	2.540	.3450	3P + 24S + 3P	6450830-9
2.480	2.3275	1.520	2.370	-	.250	2.580	2.720	.3450	5P + 32S + 2LP	6450830-8
3.400	2.2950	1.570	3.290	.250	.250	3.500	3.640	.3450	5P + 24S + 5P	6450830-7
1.800	1.4450	.770	1.690	.250	.250	1.900	2.040	.3450	2P + 24S + 2P	6450830-5
1.780	1.6025	.770	1.670	-	.250	1.880	2.020	.3450	2P + 32S + 2LP	6450830-4
2.310	1.6725	1.240	2.200	.230	.230	2.410	2.550	.3025	8LP + 16S + 6LP	6450830-3
2.315	1.7100	1.035	2.205	.250	.230	2.415	2.555	.3025	6LP + 24S + 3P	6450830-2
.935	.7825	.550	.825	-	-	1.035	1.175	.2775	2LP + 8S + 2LP	6450830-1
DIM V	DIM R	DIM W	DIM U	DIM S	DIM T	DIM D	DIM L	DIM K	DESCRIPTION	PART NUMBER

4.350	2.405	1.380	4.240			4.450	4.590	.2775	9LP + 36S + 1P + 16LP	8-6450830-2
4.500	2.170	.795	4.390			4.600	4.740	.345	2P + 48S + 10P	8-6450830-1
2.250	1.645	1.170	2.140	.250	.300	2.300	2.490	.370	3ACP + 16S + 3P	8-6450830-0
4.300	2.695	2.020	4.190	.250	.250	4.400	4.540	.345	7P + 24S + 7P	7-6450830-9
4.180	3.325	1.700	4.070	.250	.230	4.280	4.420	.2775	12LP + 60S + 4P	7-6450830-8
2.650	2.545	1.270	2.540	-	.250	2.750	2.890	.345	4P + 48S + 1P	7-6450830-7
1.750	1.3675	1.060	1.755	.230	.230	1.850	1.990	.2775	3LP + 12S + 4LP	7-6450830-6
DIM V	DIM R	DIM W	DIM U	DIM S	DIM T	DIM D	DIM L	DIM K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

±
±.01
±.005
±.0020
#P

DWN
S. ZHAO

CHK
S. ZHAO

APVD
S. ZHAO

10APR2007

10APR2007

-

PRODUCT SPEC
108-2292

APPLICATION SPEC
114-13251

WEIGHT
-

CUSTOMER DRAWING

NAME
S. ZHAO

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

SIZE
A1

CAGE CODE
100779

DRAWING NO
6450830

RESTRICTED TO
-

SCALE
4:1

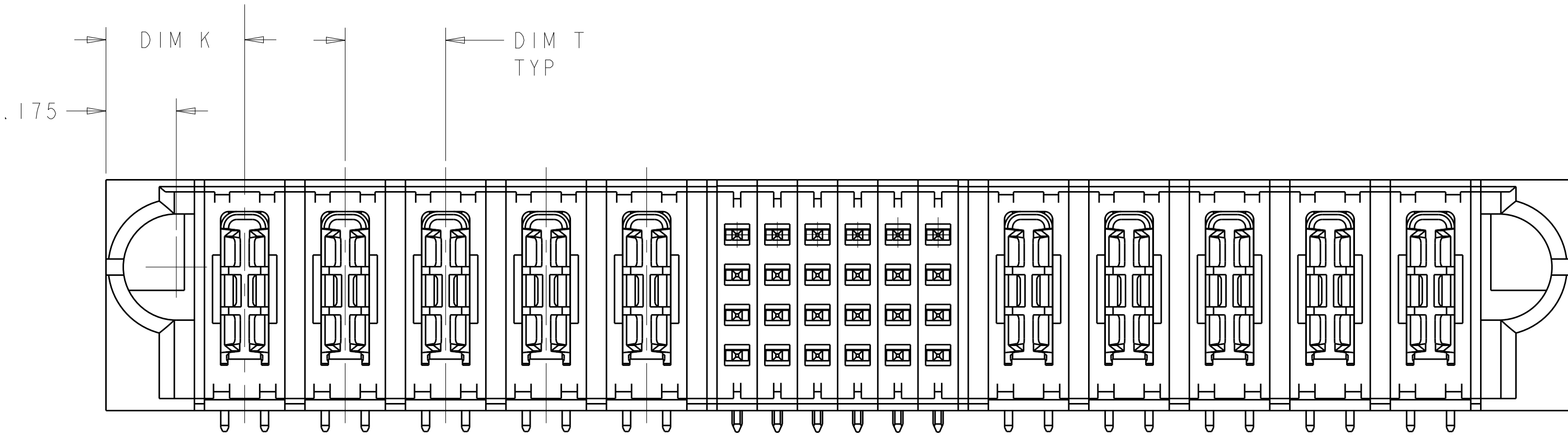
SHEET
2

OF
42

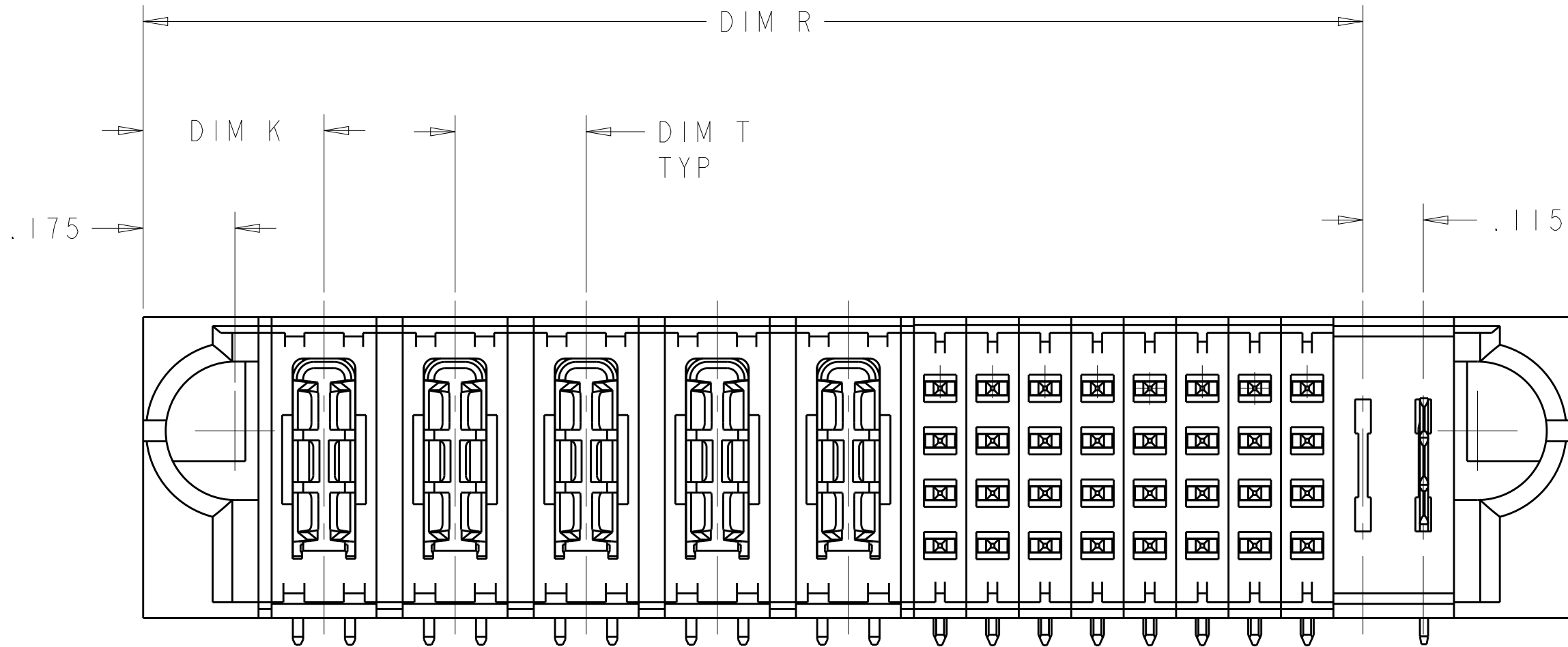
REV
S2

4805 (3/11)

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



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

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DWN
S.ZHAO

CHK
S.ZHAO

APVD
S.ZHAO

10APR2007

10APR2007

DIMENSIONS:
INCHES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±.01

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES ±2°

FINISH

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

-

SCALE

4:1

SHEET

3

OF

42

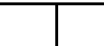
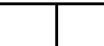
REV

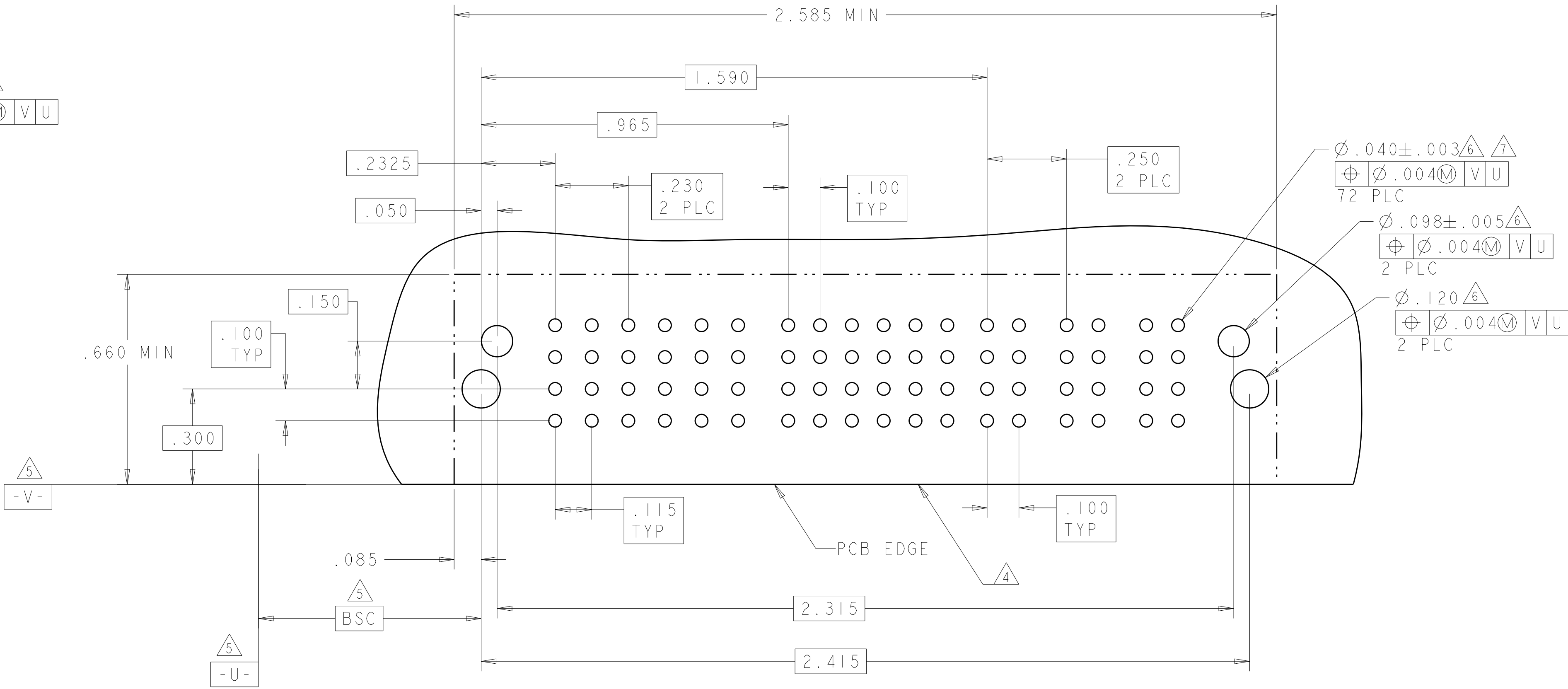
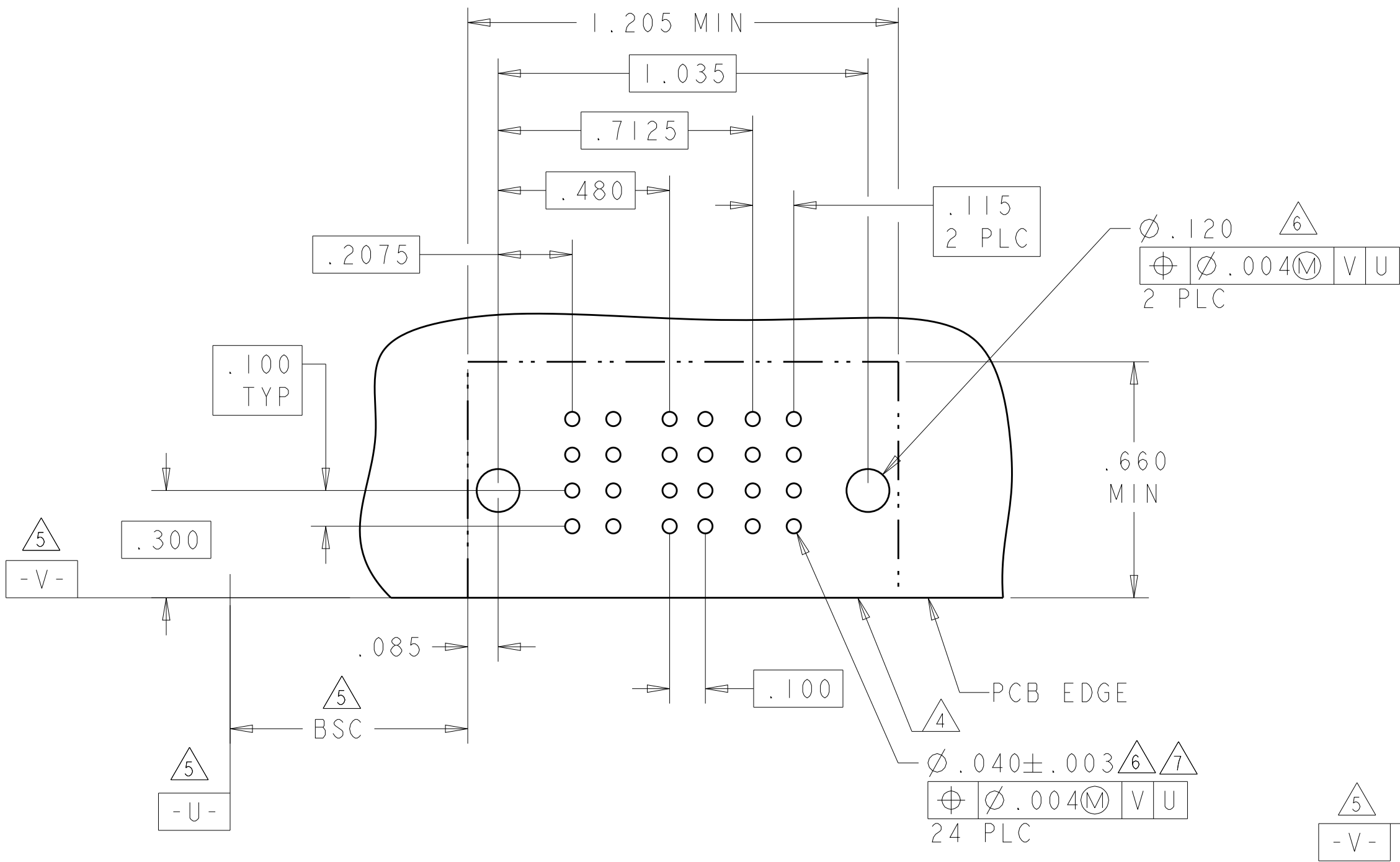
S2

TE Connectivity

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

PART NUMBER	ROWS		POWER		SIGNAL		POWER			
			P1	P2	1	2	P3	P4		
6450830-1	D C B A			LM	LM	J	J	LM	LM	
						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	LM	J	J	J	J	J	J	TM	TM	TM	
										K	K	K	K	K	K				
										N	N	G	N	N	N				
										S	S	S	S	S	S				
6LP + 24S + 3P																			



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DWN
S. ZHAO
CHK
S. ZHAO
APVD
S. ZHAO

10APR2007
10APR2007
-

DIMENSIONS:
INCHES

0 PLC ±.
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES #2°
FINISH

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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
C=6450830

RESTRICTED TO
-

SCALE
4:1

SHEET
4

OF
42

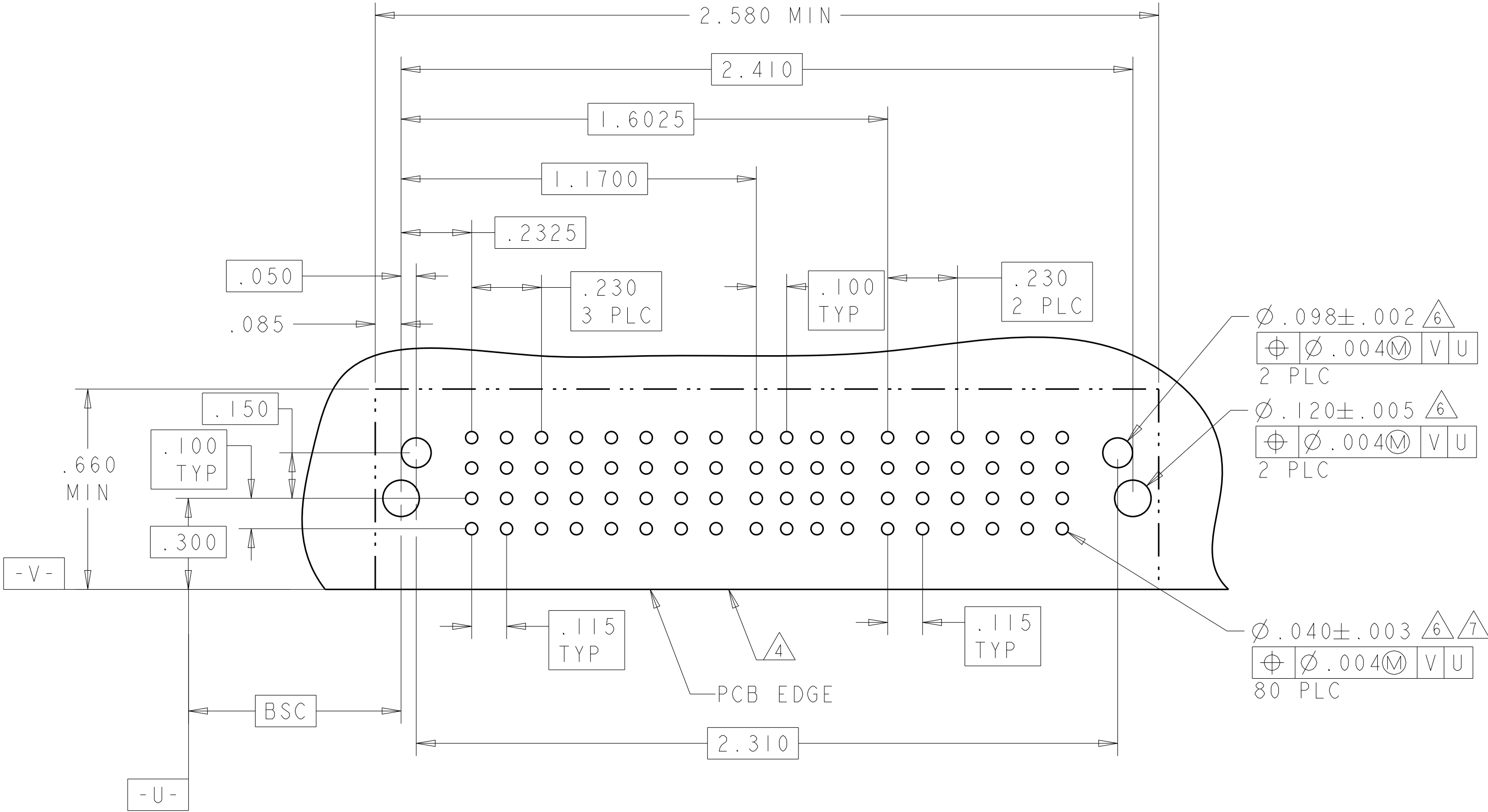
REV
S2

TE Connectivity

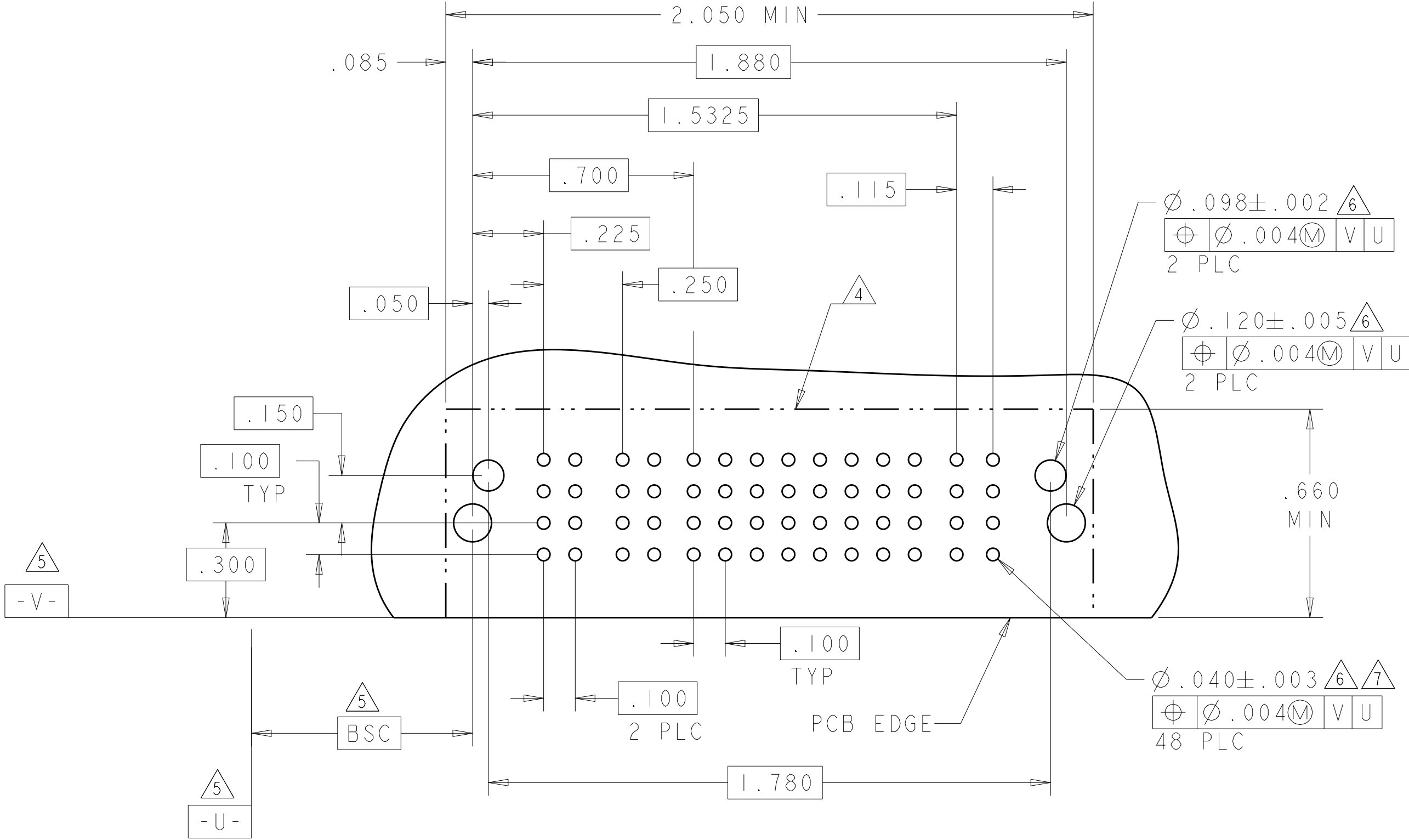
TE Connectivity

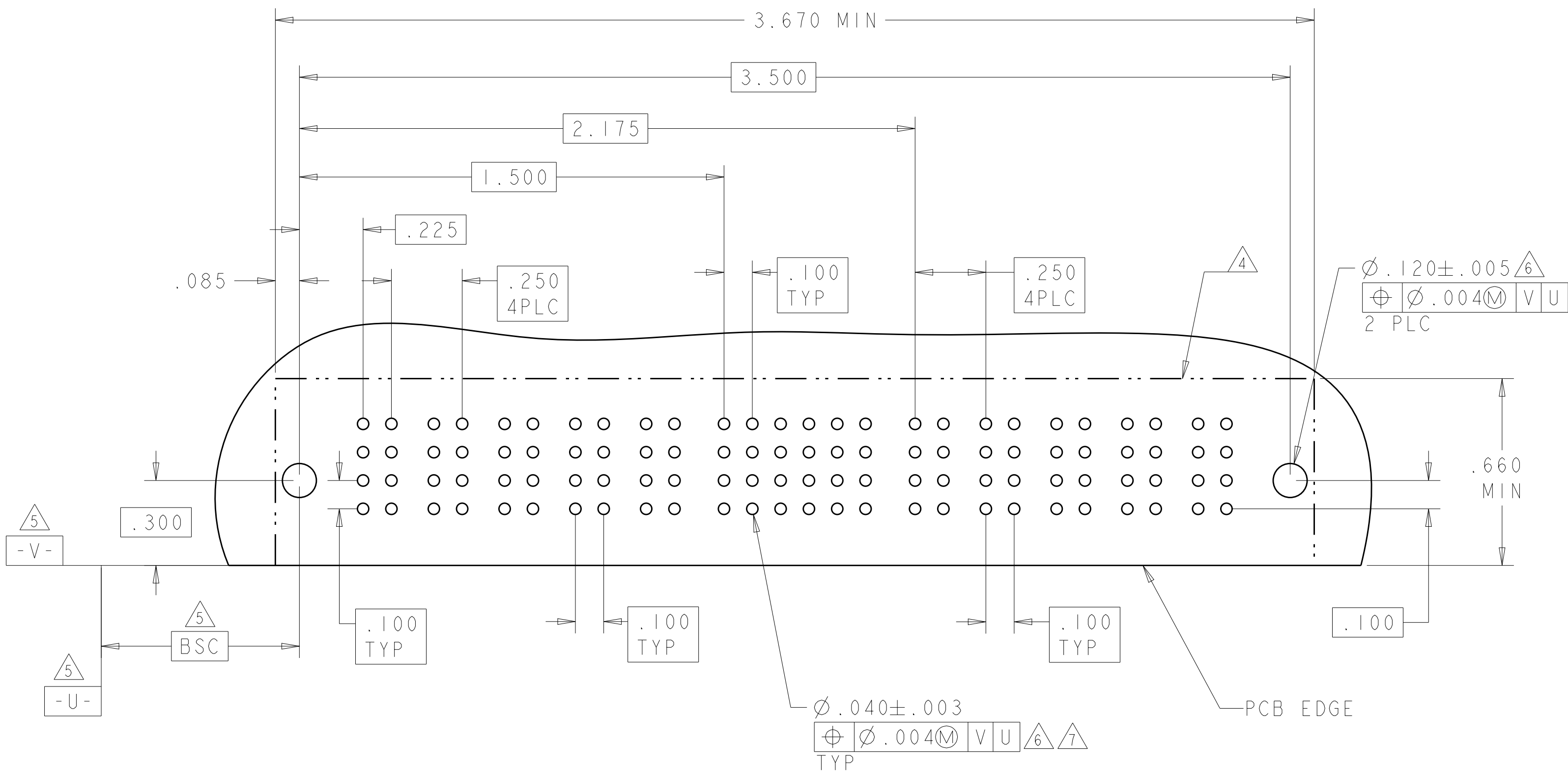
LOC		DIST		REVISIONS				
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
			-	SEE SHEET 1	-	-	-	

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									J	J	J	J								
											K	K	K	K							
											N	N	N	N							
8LP + 16S + 6LP										S	S	S	S								
																					
																					
																					
																					

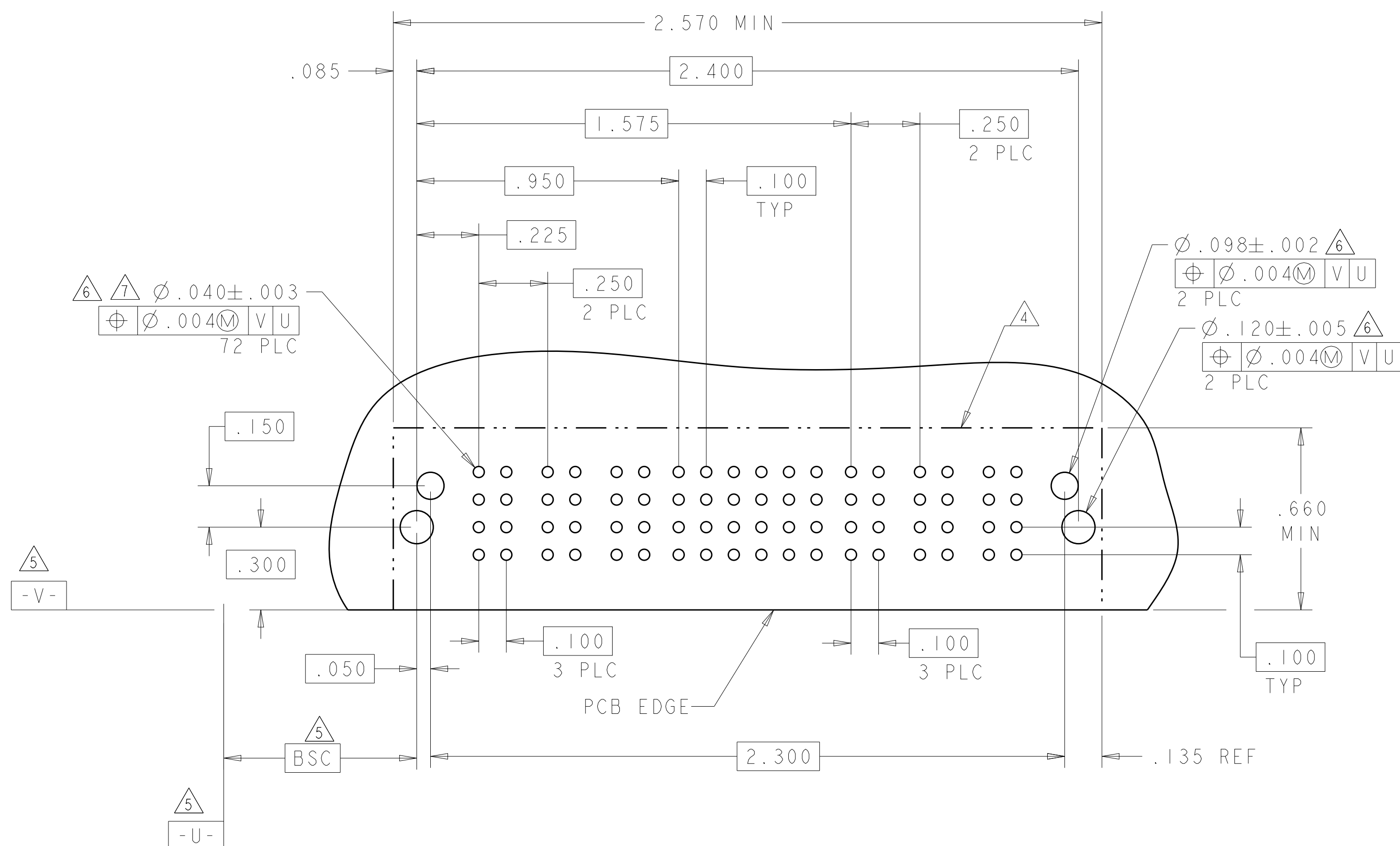


PART NUMBER	ROWS		POWER		SIGNAL								POWER		
			P1	P2	1	2	3	4	5	6	7	8	LPI	LP2	
6450830-4	D C B A		TM	TM	J	J	J	J	J	J	J	J	LM	LM	
					K	K	K	K	K	K	K	K			
					N	N	N	N	N	N	N	N			
					S	S	S	S	S	S	S	S			
2P + 32S + 2LP															



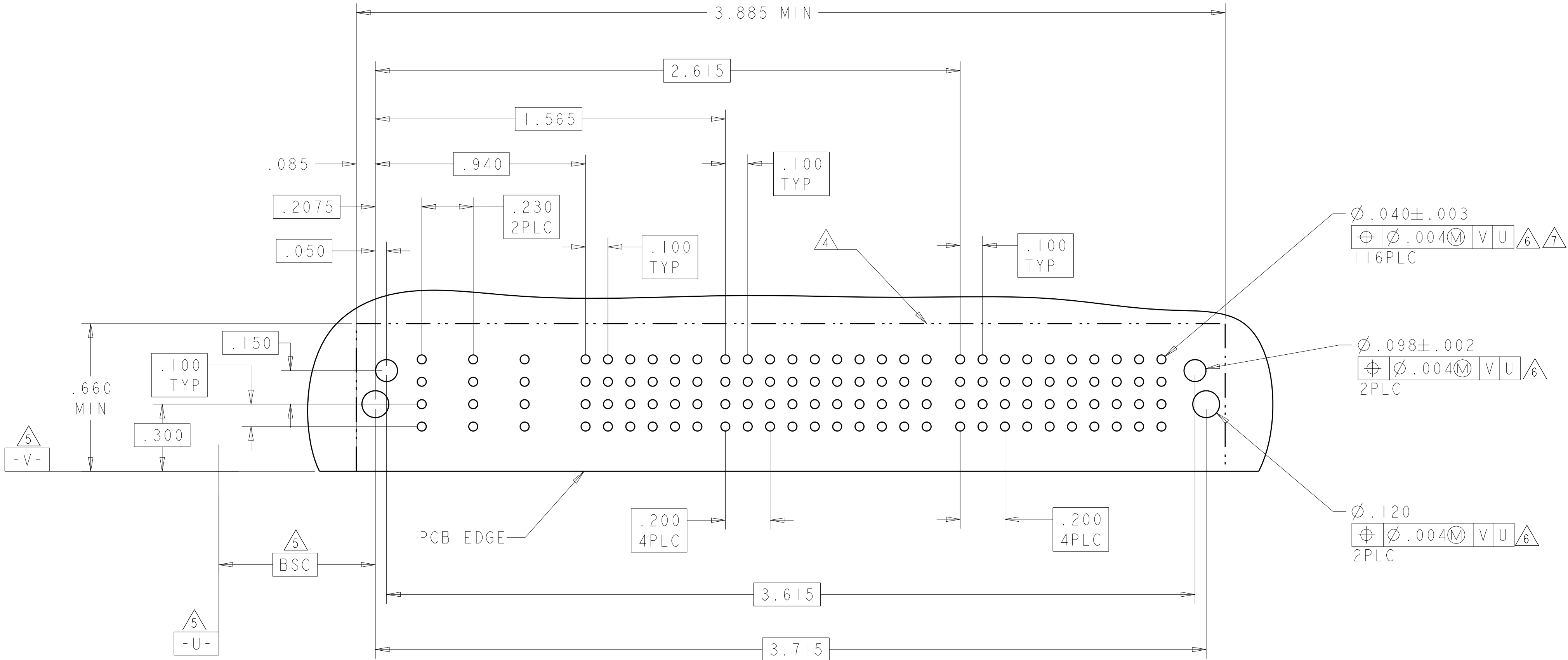
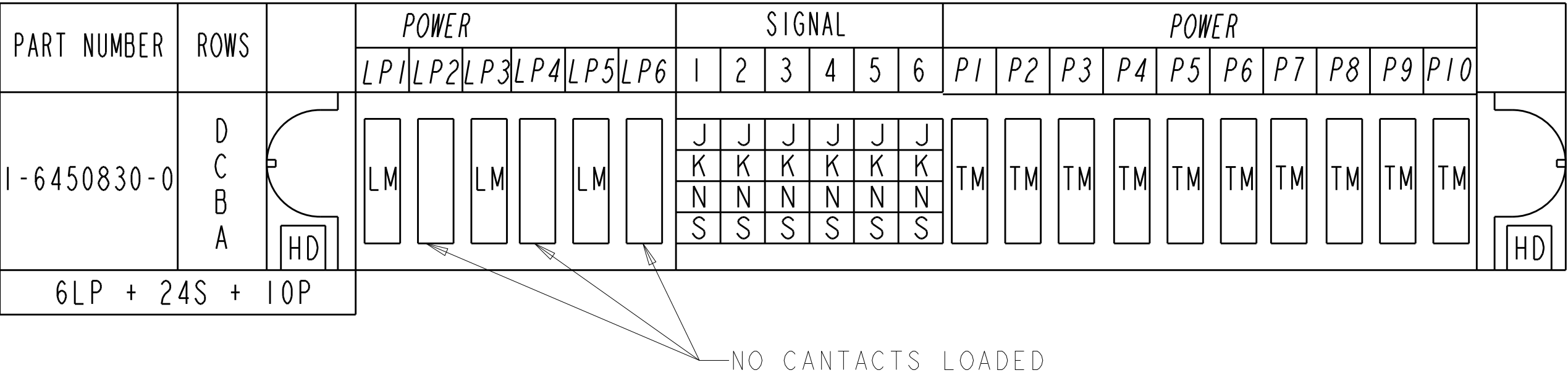
[illegible]4805 (3/11)

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

$$3P + 24S + 3P$$


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. ZHAO 10APR2007 CHG S. ZHAO 10APR2007 APP'D S. ZHAO		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
		0.010 0.010 0.005 0.020 0.010		PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251	
MATERIAL -		FINISH -		SIZE CAGE CODE DRAWING NO A100779 C6450830	
WEIGHT -		CUSTOMER DRAWING -		RESTRICTED TO -	
				SCALE 4:1 SHEET 7 of 42 REV S	

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

APVD

S.ZHAO

-

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

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

-

SCALE

4:1

SHEET

8

OF

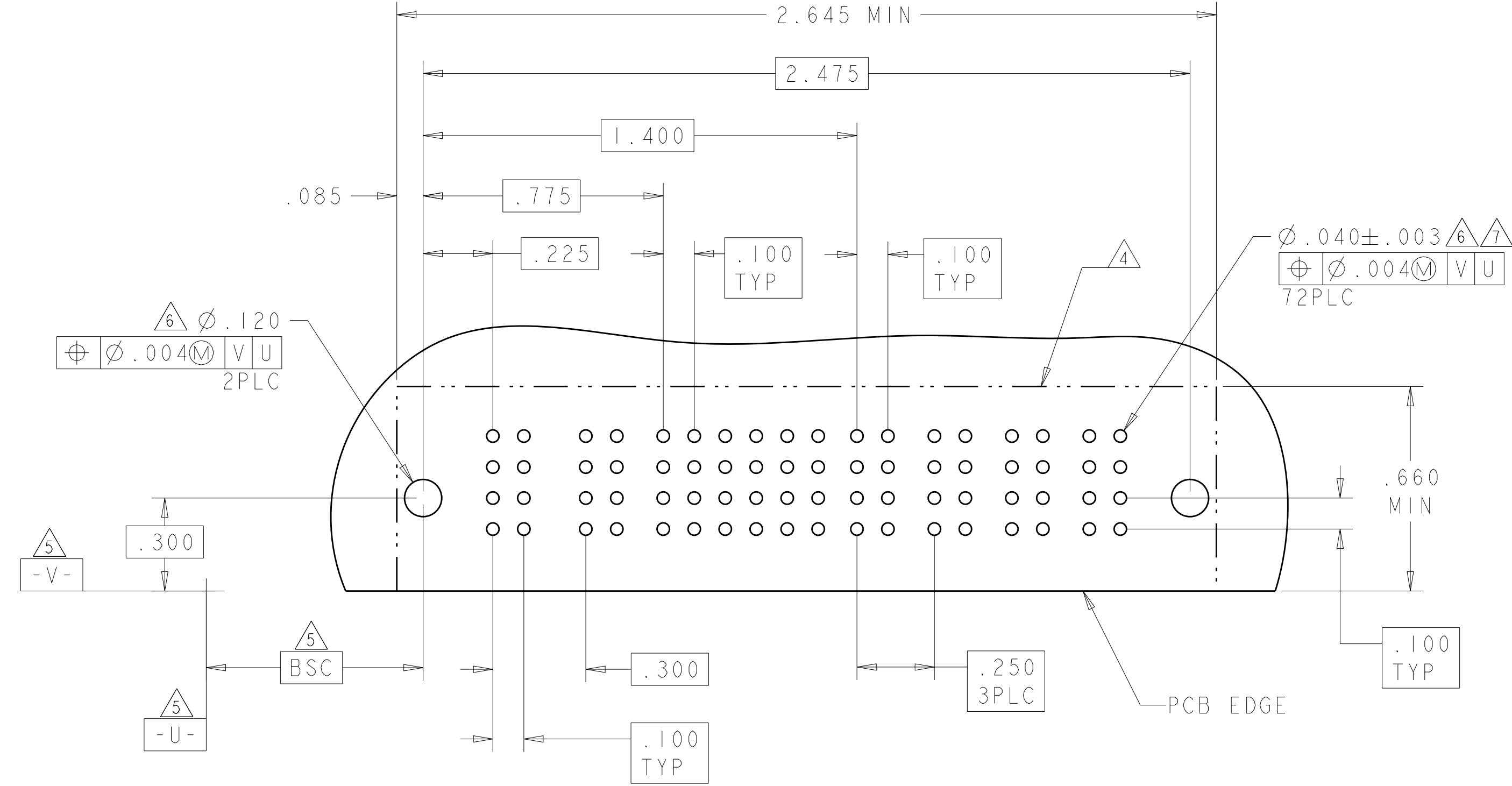
42

REV

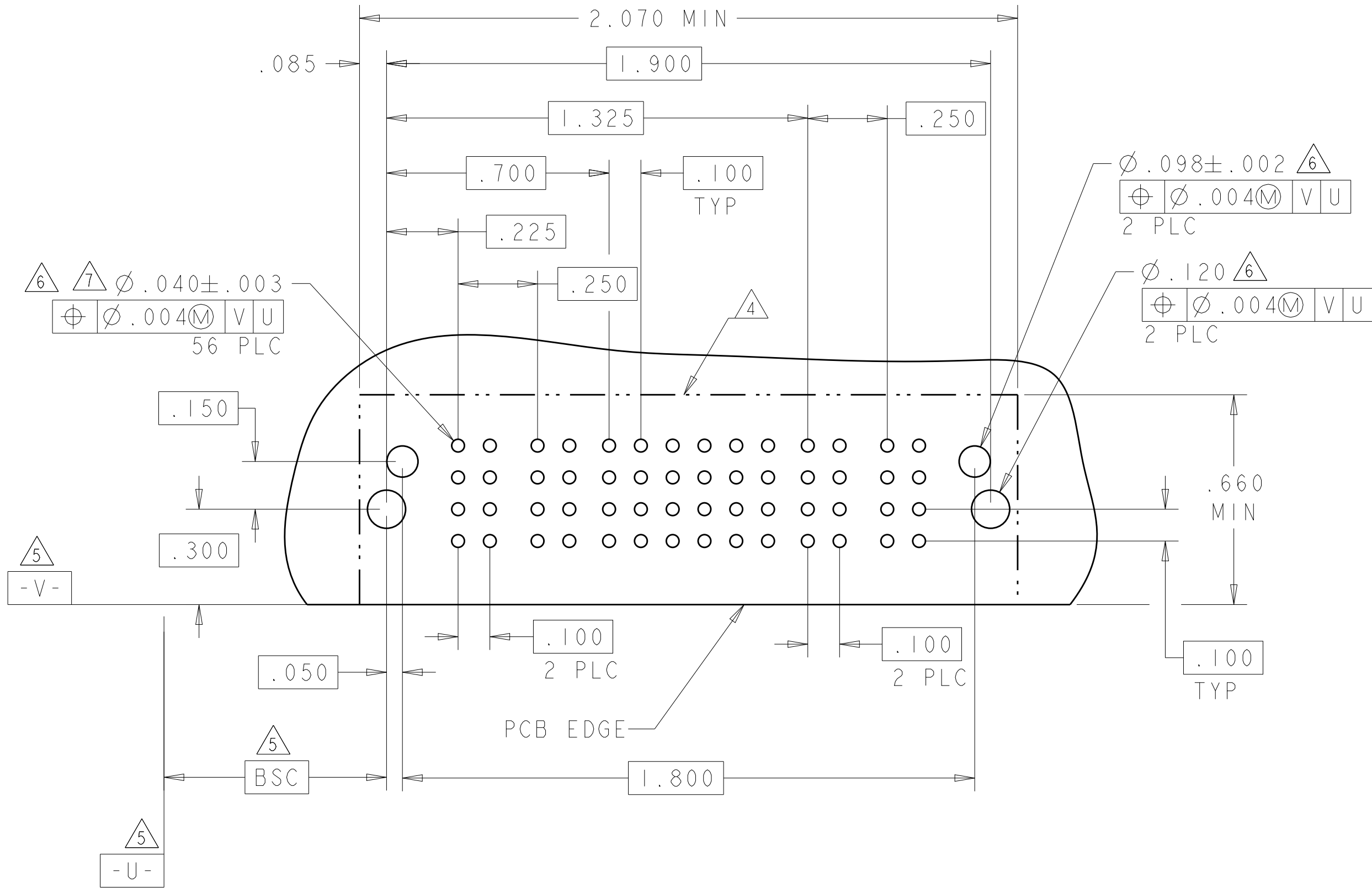
S2

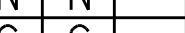
TE Connectivity

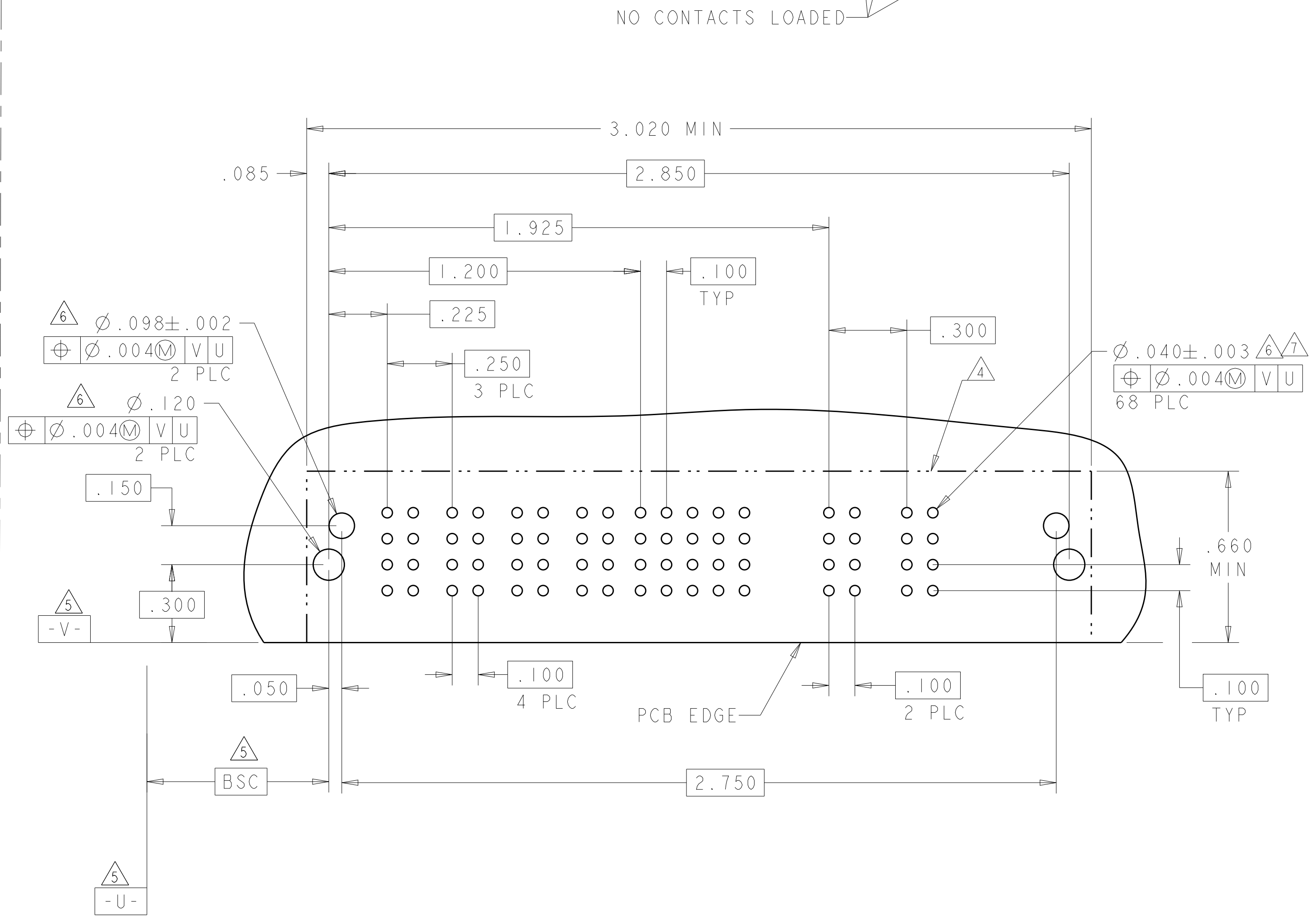
PART NUMBER	ROWS		POWER		SIGNAL						POWER				
			P1	P2	1	2	3	4	5	6	P3	P4	P5	P6	
I-6450830-3	D C B A		TM	TM	J	J	J	J	J	TM	TM	TM	TM		
					K	K	K	K	K						
					N	N	N	N	N						
					S	S	S	S	S						
2ACP + 24S + 4P															

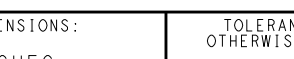


PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
I-6450830-4	D C B A		 TM	 TM	J	J	J	J	J	J	 TM	 TM	
					K	K	K	K	K	K			
					N	N	G	N	N	N			
					S	S	S	S	S	S			
2P + 24S + 2P													

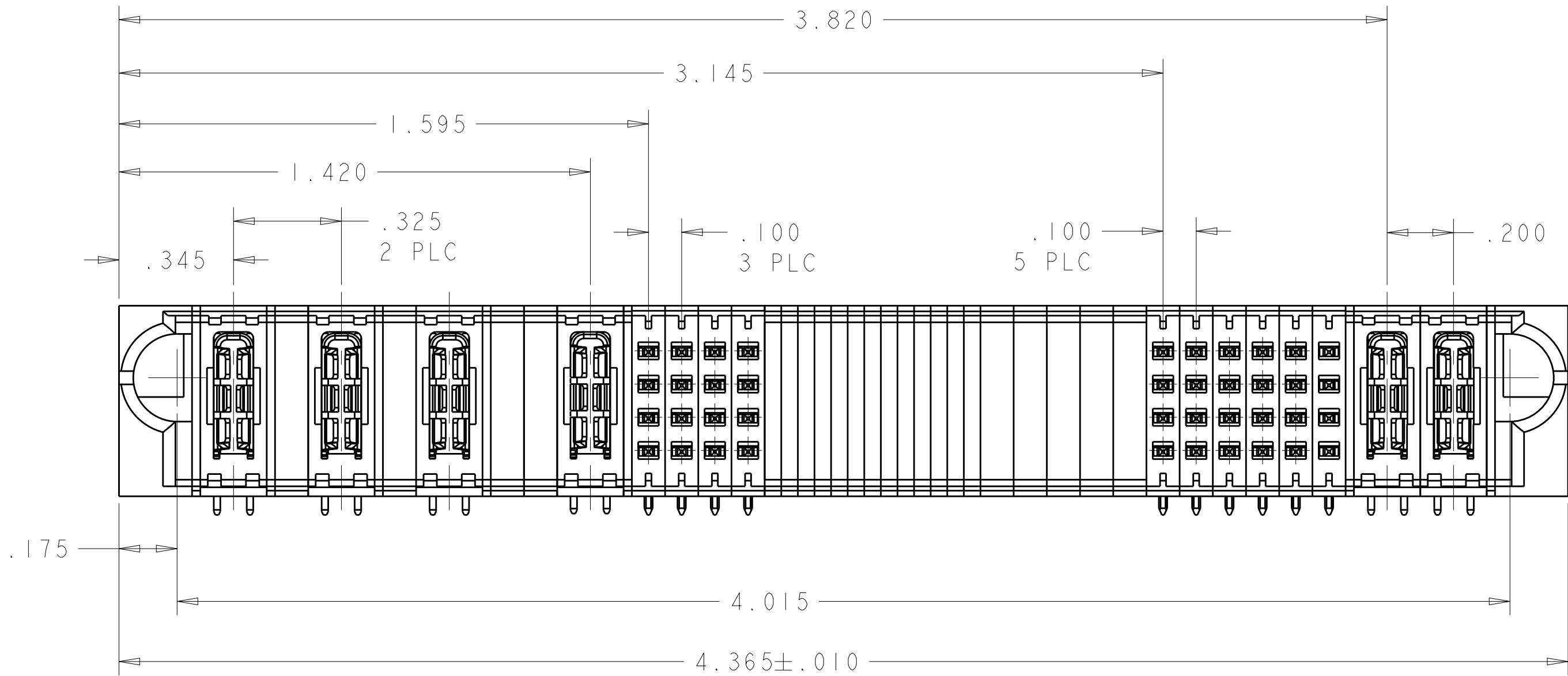


PART NUMBER	ROWS		POWER				SIGNAL							POWER			
			P1	P2	P3	P4	1	2	3	4	5	6	7	P5	P6	P7	
1-6450830-5	D		TM	TM	TM	TM	J	J	J	J	J			TM	TM		
	K						K	K	K	K							
	N						N	N	N	N							
	S						S	S	S	S							
4P + 28S + 3ACP																	



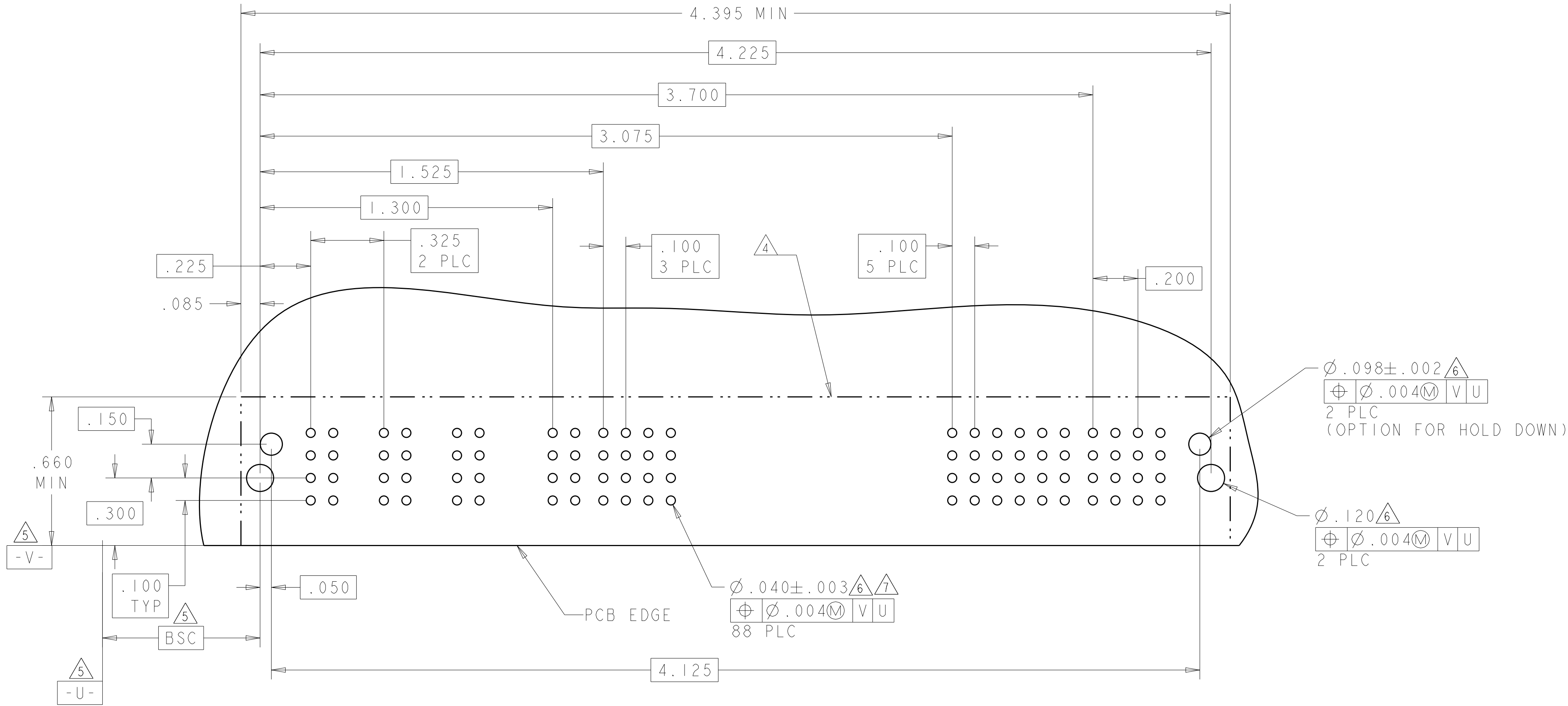
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S_ZHAO 10APR2007		 TE Connectivity	
DIMENSIONS: INCHES		CHG S_ZHAO 10APR2007			
		APVD S_ZHAO -			
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
		0 PLC ±			
		1 PLC ±.01			
		2 PLC ±.005			
4 PLC ±.0020		PRODUCT SPEC 108-2292		SIZE CAGE CODE DRAWING NO RESTRICTED TO A 100779 © 6450830 - CUSTOMER DRAWING SCALE 4:1 SHEET 10 OF 42 REV S2	
ANGLES ±°		APPLICATION SPEC 114-13251			
FINISH		WEIGHT -			
MATERIAL					

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



PART NUMBER: 1-6450830-8

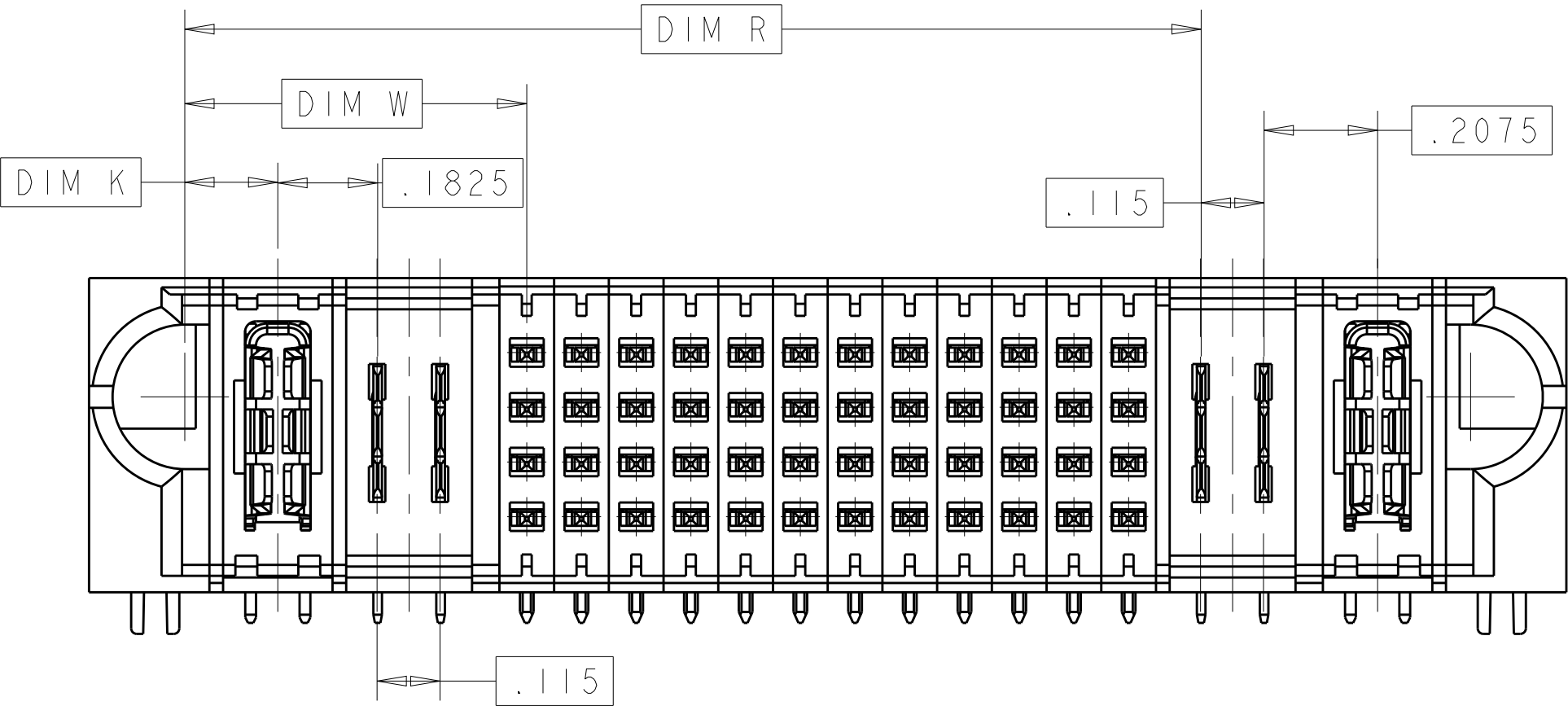
PART NUMBER	ROWS		POWER				SIGNAL				BLANK	SIGNAL						POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			P1	P2	P3	P4	1	2	3	4		5	6	7	8	9	10	P5	P6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1-6450830-8	D			TM		TM		TM		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		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		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		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		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		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		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		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		K		K	<



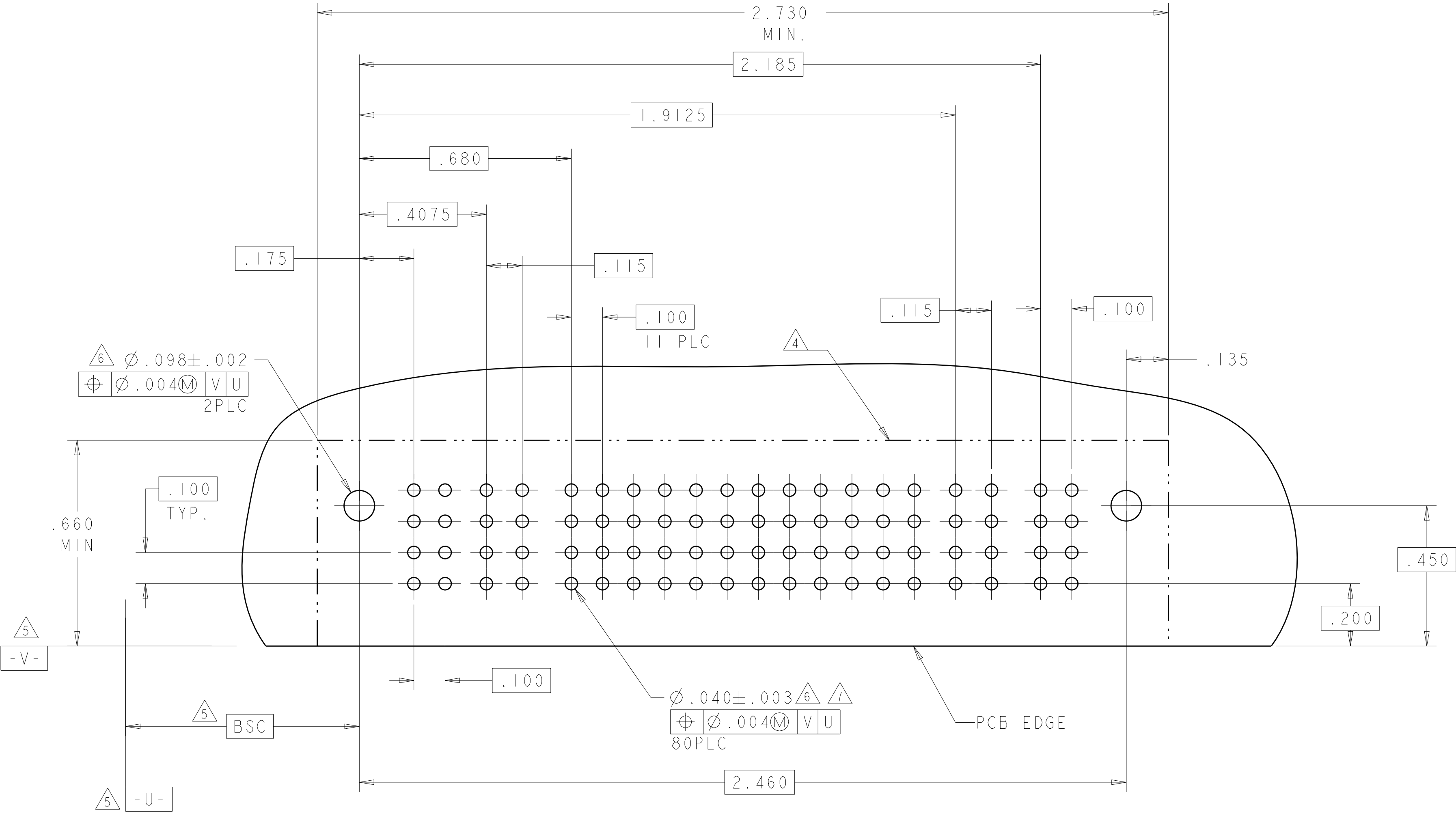
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S.ZHAO 10APR2007	TE Connectivity	
		CHK S.ZHAO 10APR2007		
DIMENSIONS:		APVD S.ZHAO -	NAME	
INCHES		PRODUCT SPEC	RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
		108-2292		
		APPLICATION SPEC		
		114-13251		
MATERIAL		WEIGHT		
		-		
		CUSTOMER DRAWING		

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

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	LML	LMF	TM		
	F					F	F	F	F	F	F	F	F	F	F	F					
	G					G	G	G	G	G	G	G	G	G	G	G					
	H					H	H	H	H	H	H	H	H	H	H	H					
IP + 2LP + 48S + 2LP + IP																					



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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

S. ZHAO

10APR2007

CHK

S. ZHAO

10APR2007

APVD

S. ZHAO

-

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES ±2°

FINISH

MATERIAL

-

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

-

SCALE

4:1

SHEET

12

OF

42

REV

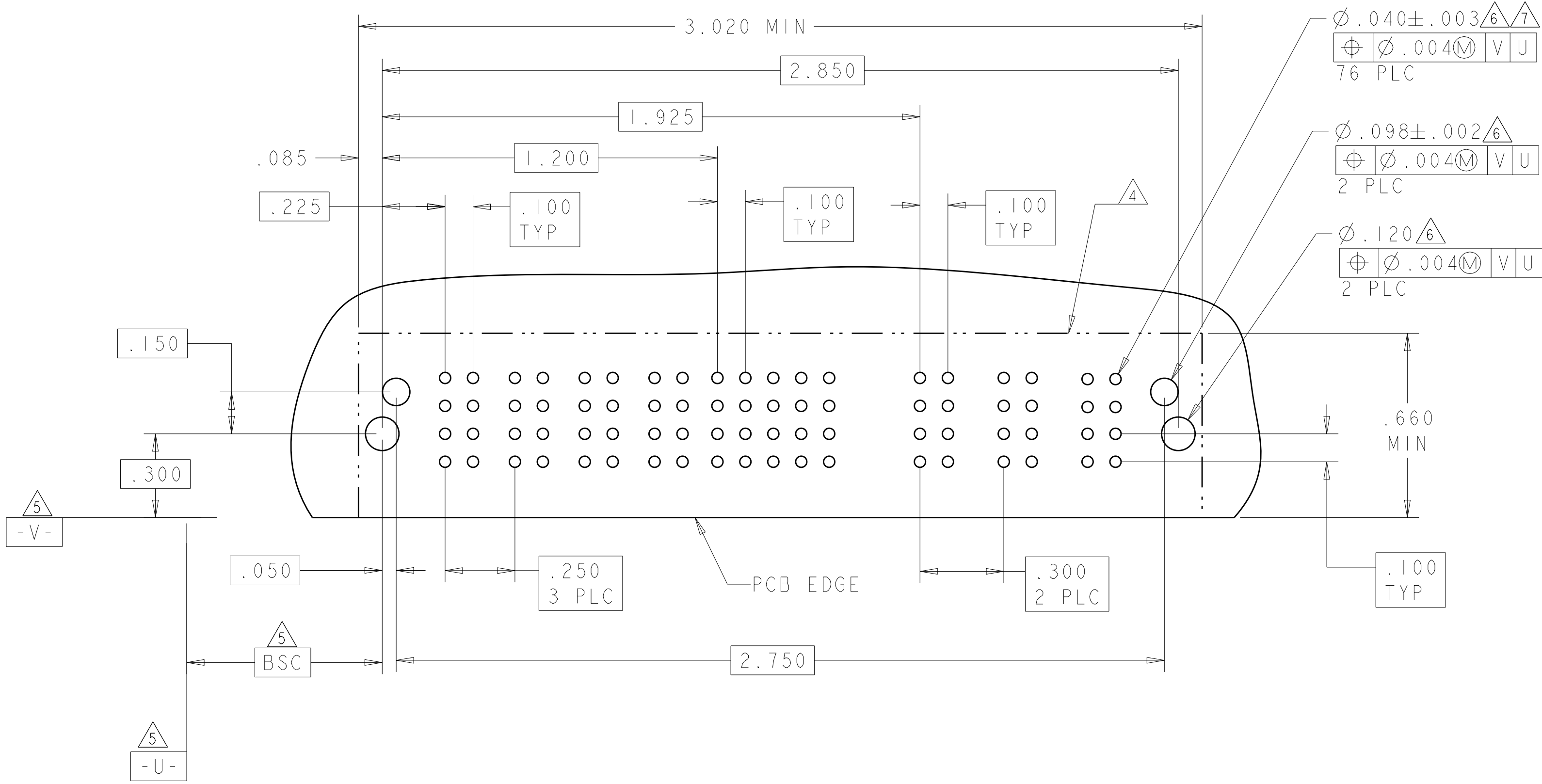
S2

TE Connectivity

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

PART NUMBER	ROWS		POWER				SIGNAL							POWER			
			P1	P2	P3	P4	1	2	3	4	5	6	7	P5	P6	P7	
I-6450830-9	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																	

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

S.ZHAO

10APR2007

CHK

S.ZHAO

10APR2007

APVD

S.ZHAO

-

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

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

-

SCALE

4:1

SHEET

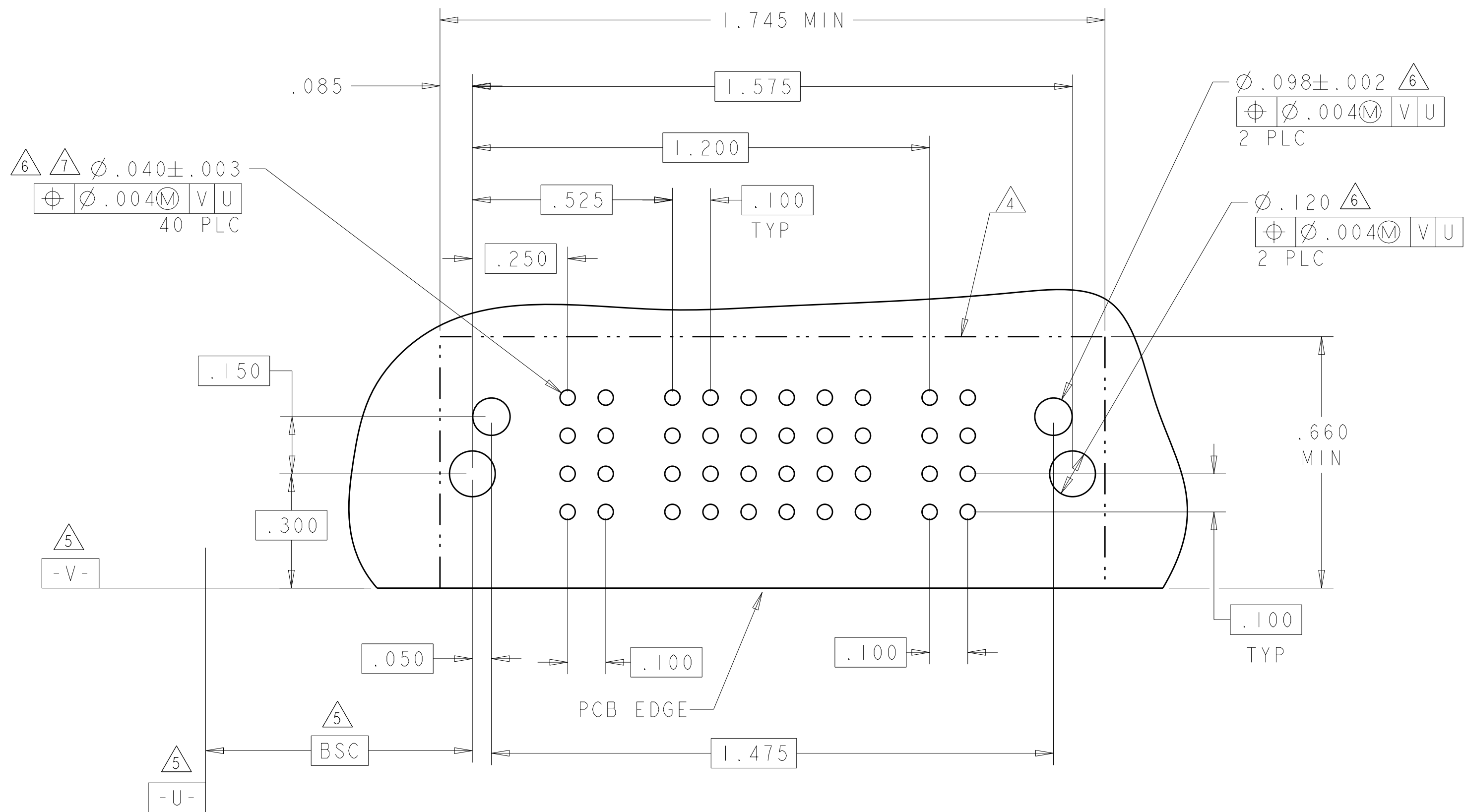
13

OF

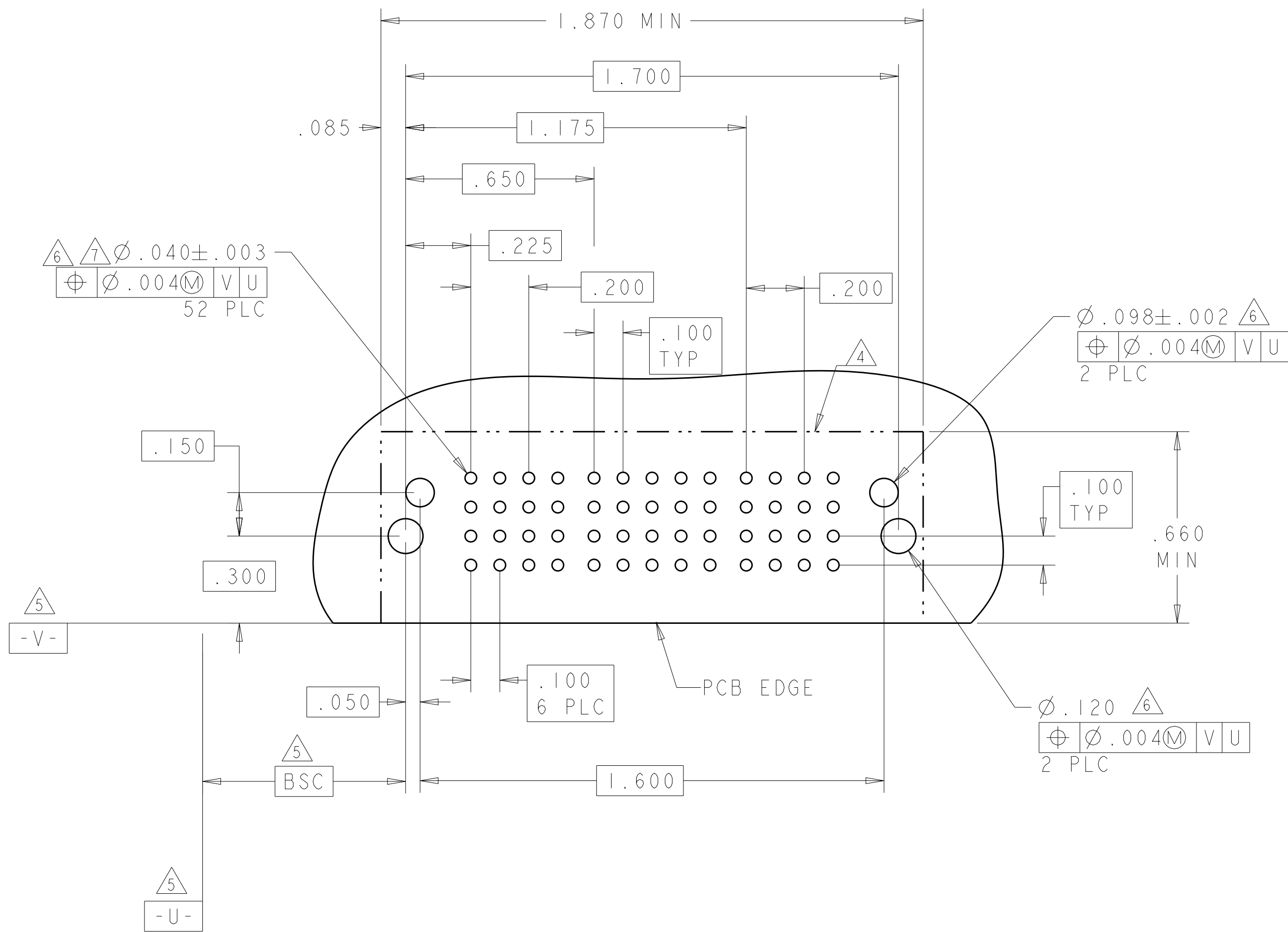
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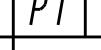
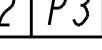
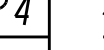
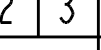
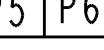
REV

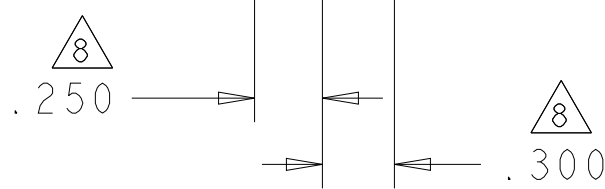
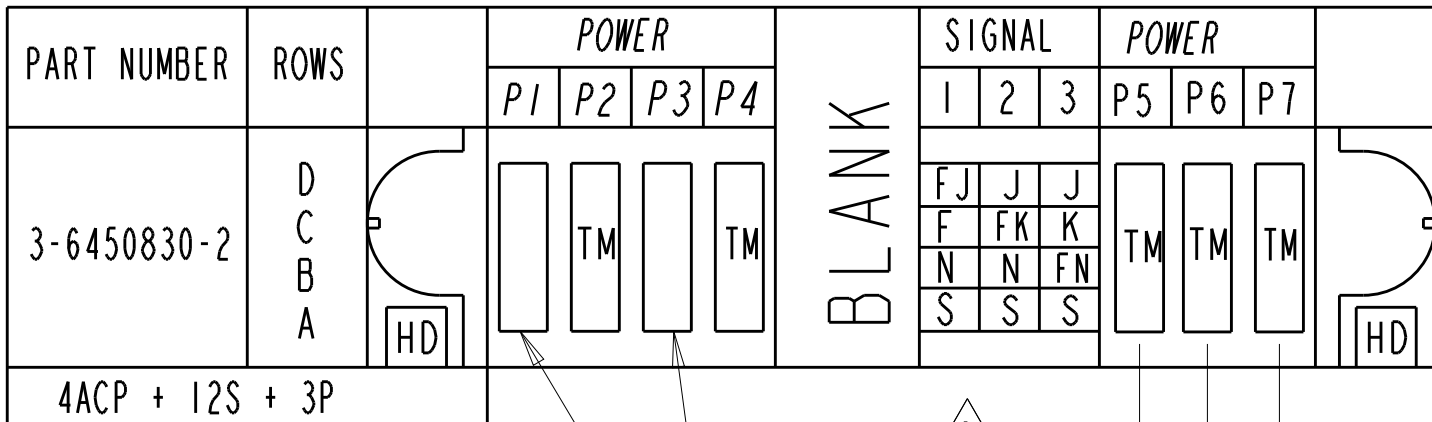
S2

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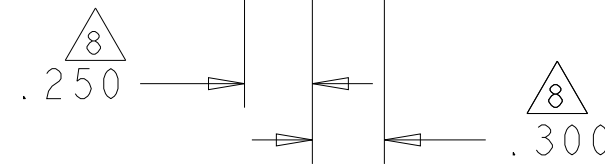
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			P1	P2	1	2	3	4	5	P3	P4	
2-6450830-8	D		TM	TM	J	J	J	J	J	TM	TM	
	K				K	K	K	K				
	N				N	N	N	N				
	S				S	S	S	S				
	A	HD										HD
2P + 20S + 2P												

4805 (3/11)

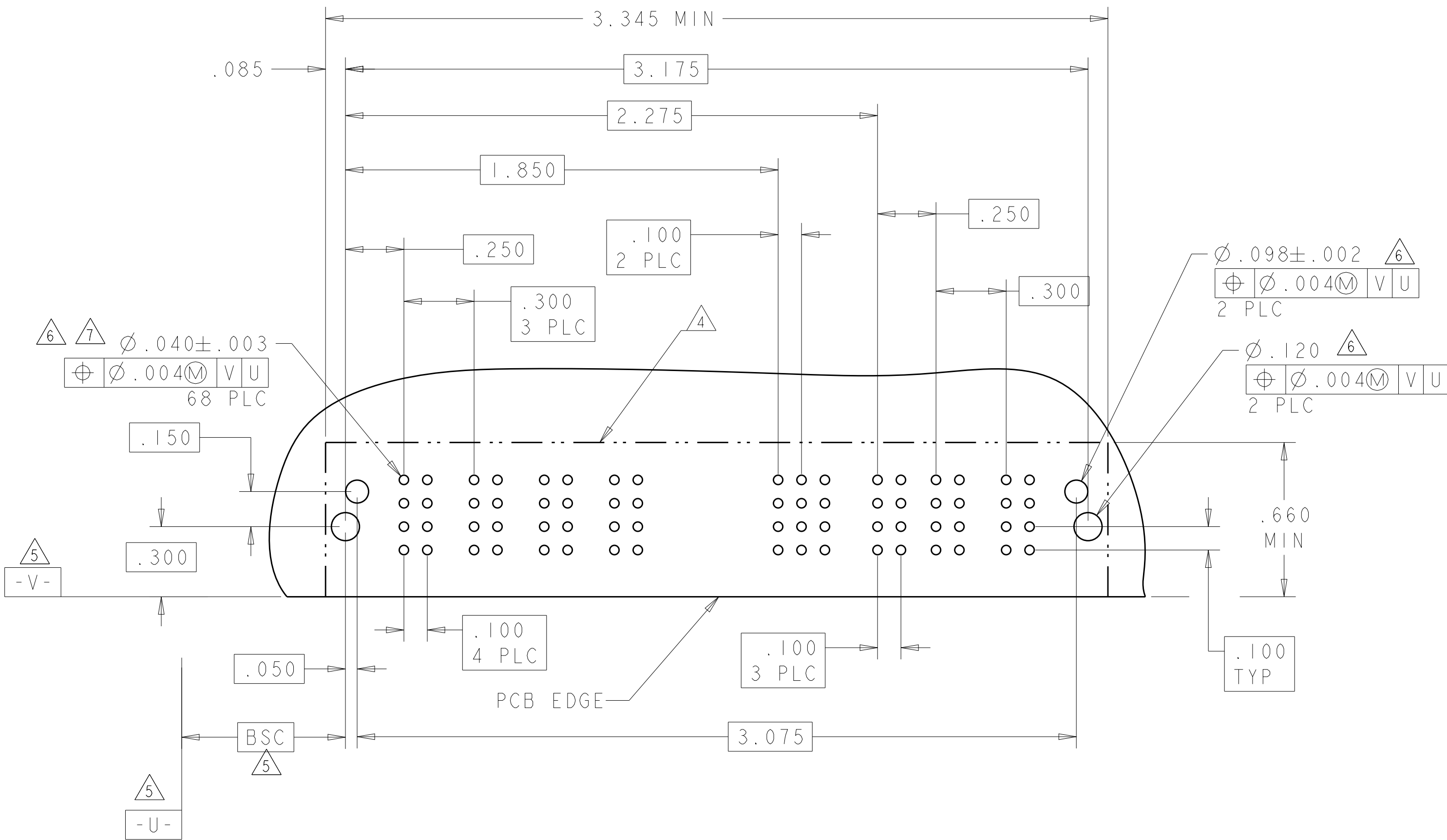
PART NUMBER	ROWS		POWER				BLANK	SIGNAL			POWER						
			P1	P2	P3	P4		1	2	3	P5	P6	P7				
3-6450830-0	D C B A						F	J	J								
														F	F	K	K
														N	N	N	N
														S	S	S	S
4ACP + 12S + 3P																	



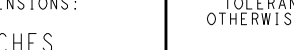
PART NUMBER	ROWS		POWER				BLANK	SIGNAL			POWER			
			P1	P2	P3	P4		1	2	3	P5	P6	P7	
3-6450830-3	D						BLANK	F	J	J				
	C							F	N	K				
	B							N	N	N				
	A							S	S	S				
4ACP + 12S + 3P														



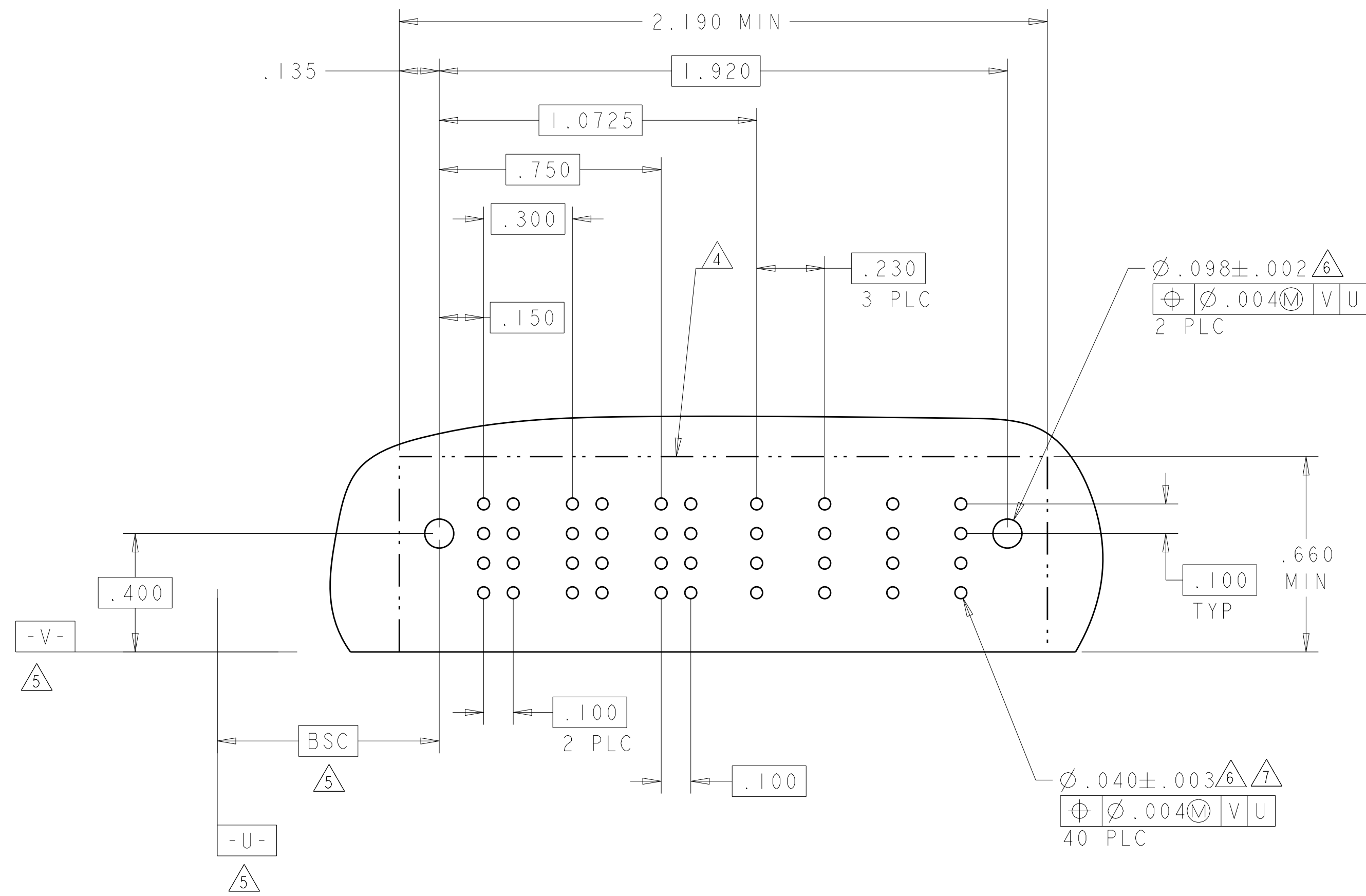
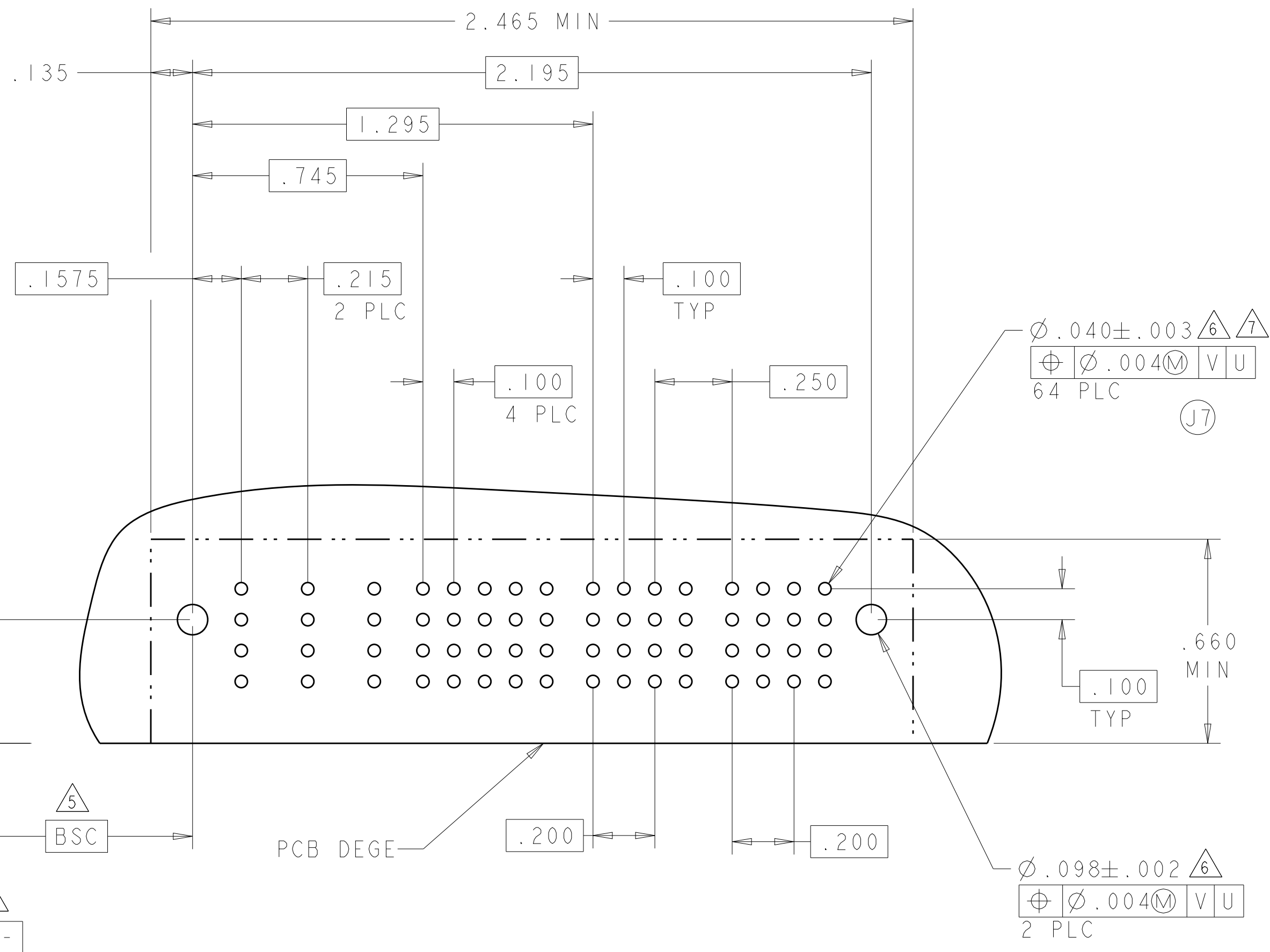
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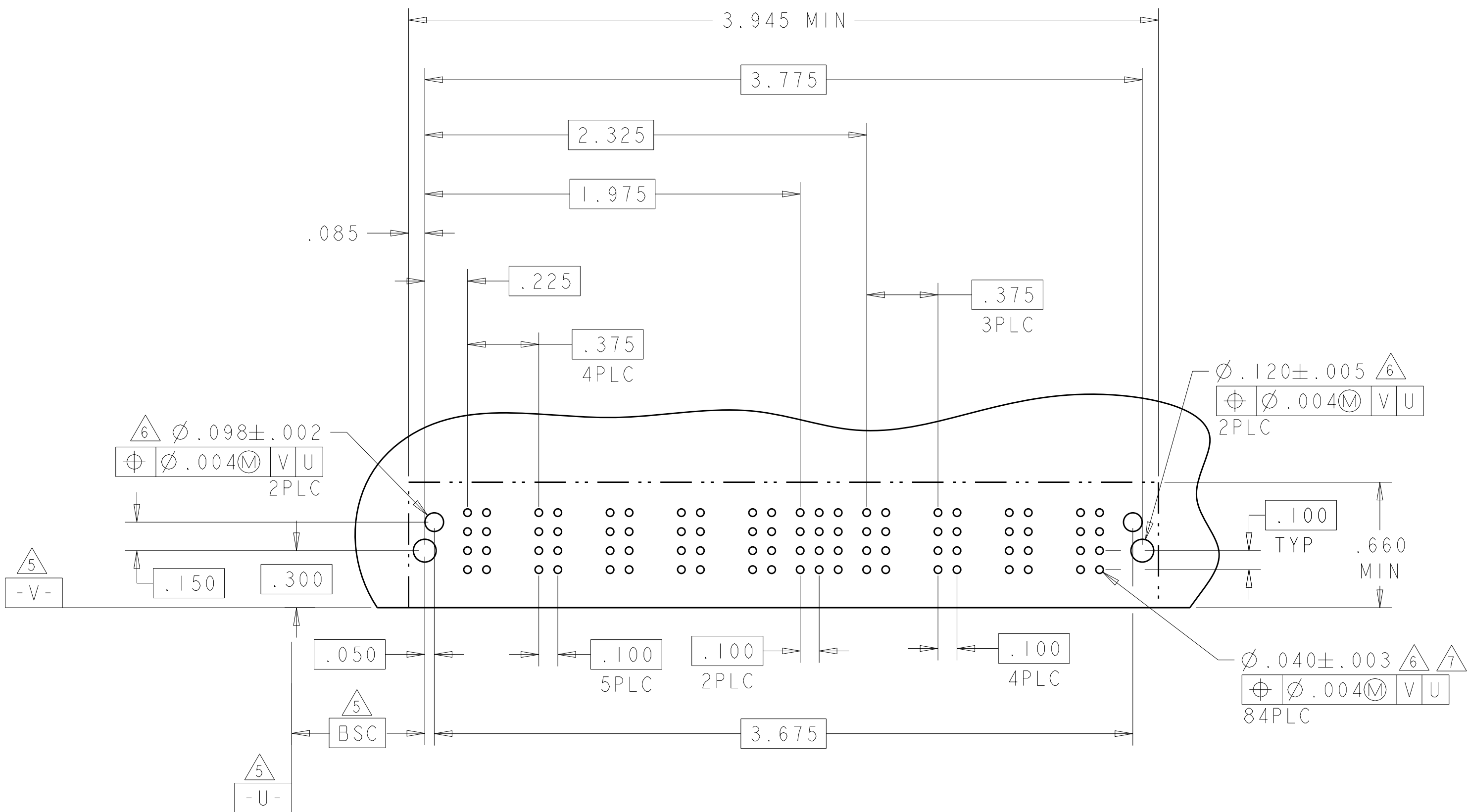
RECOMMENDED PCB LAYOUT FOR 3-6450830-0, 3-6450830-2 AND 3-6450830-3

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S_ZHAO 10APR2007		 TE Connectivity	
DIMENSIONS: INCHES		CHG S_ZHAO 10APR2007			
		APVD S_ZHAO -			
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
		0 PLC ±.			
		1 PLC ±.			
		2 PLC ±.01			
		3 PLC ±.005		PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251	
		4 PLC ±.0020			
		ANGLES ±°			
		FINISH			
MATERIAL		WEIGHT		SIZE CAGE CODE DRAWING NO RESTRICTED TO A 100779 © 6450830 -	
		CUSTOMER DRAWING		SCALE 4:1 SHEET 16 OF 42 REV S2	

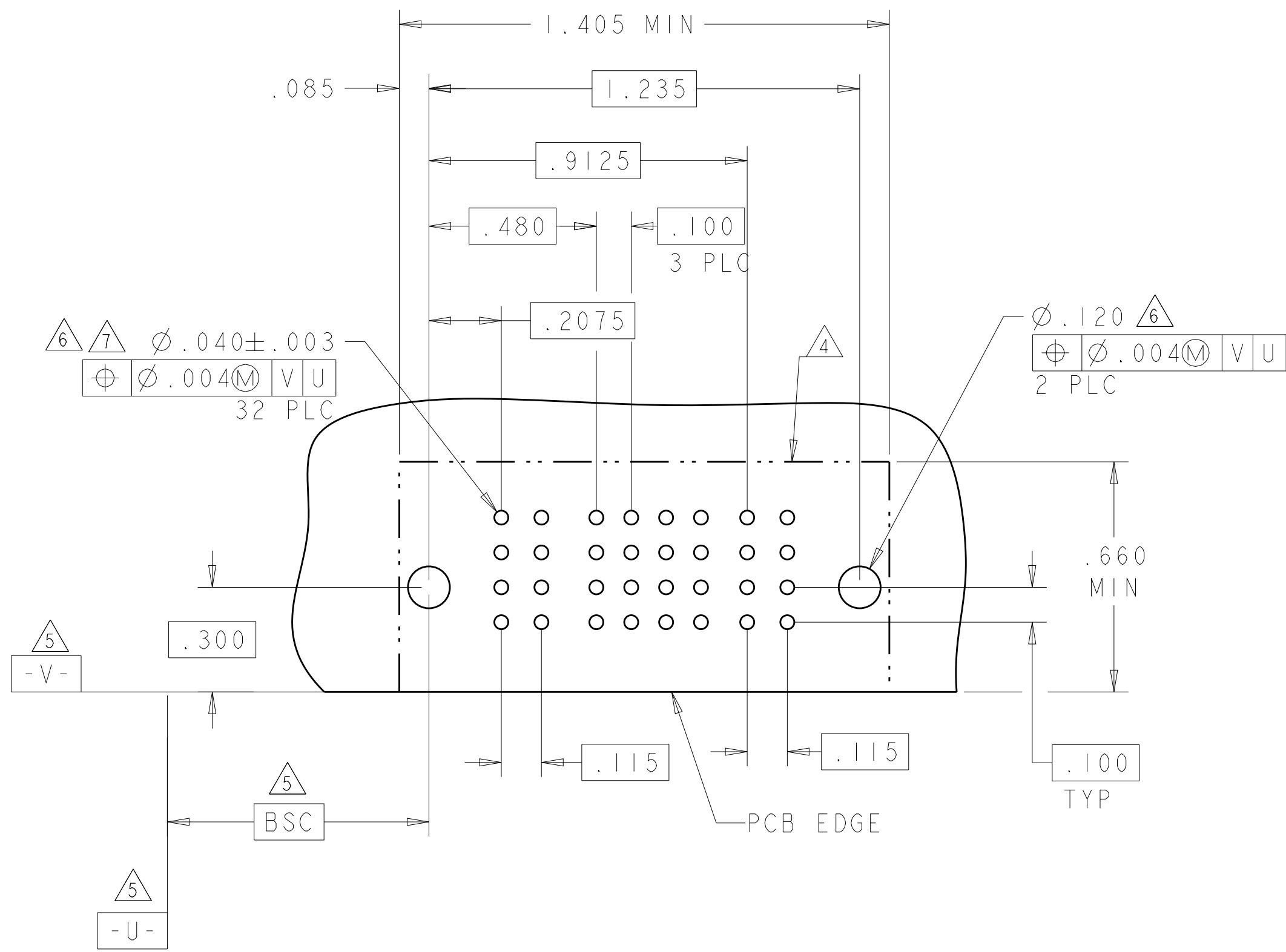
PART NUMBER	ROWS		POWER		SIGNAL		POWER				
			P1	P2	1	2	LP1	LP2	LP3	LP4	
3-6450830-6	D		TM	TM	J	J	LM	LM	LM	LM	
	C				K	K					
	B				N	N					
	A				S	S					
HD											HD
2ACP + 8S + 4LP											

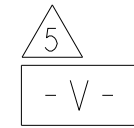
4805 (3/11)

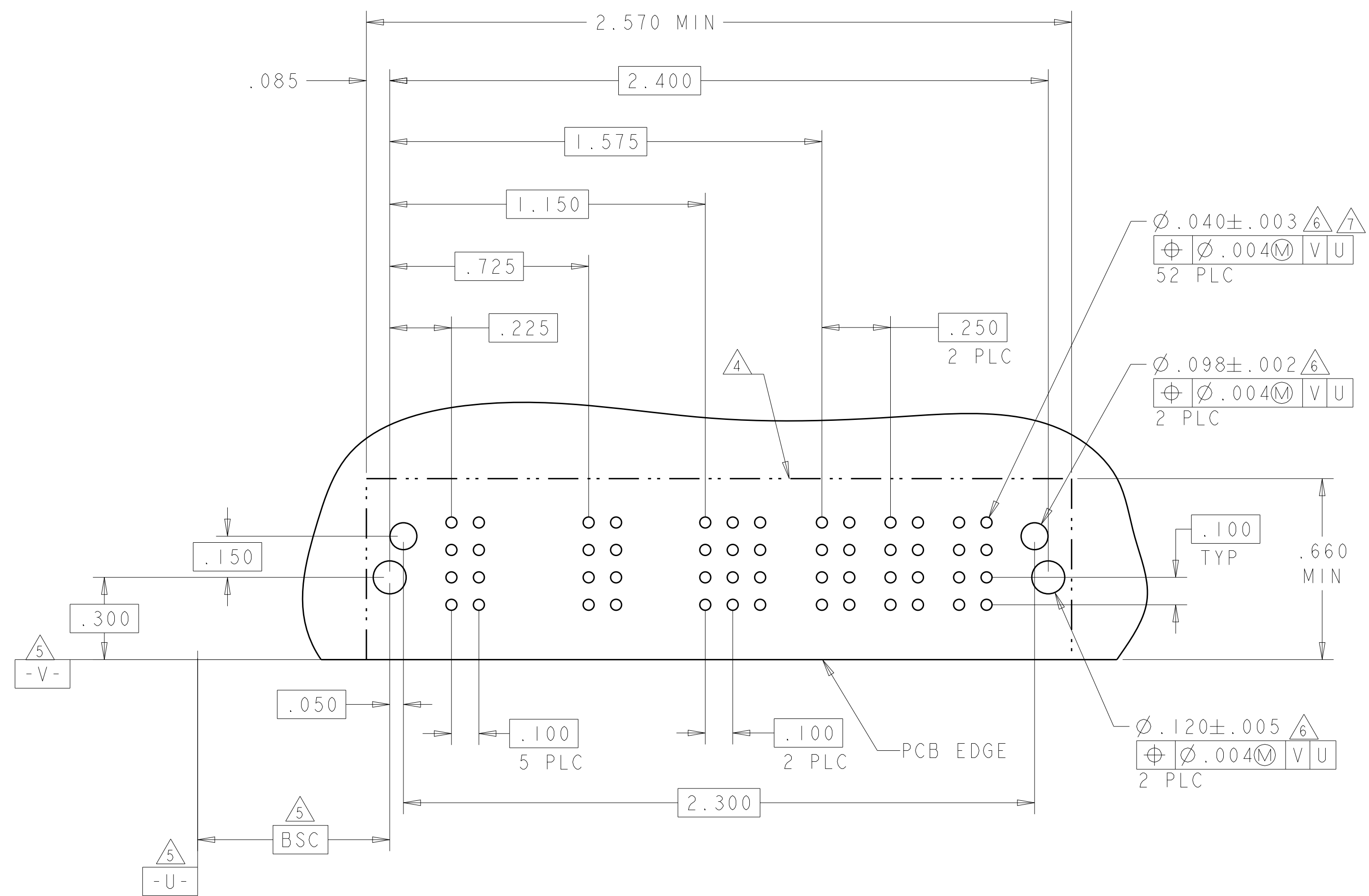
PART NUMBER	ROWS		POWER					SIGNAL			POWER				
			P1	P2	P3	P4	P5	1	2	3	P6	P7	P8	P9	
3-6450830-8	D C B A		TM	TM	TM	TM	TM	J K N S	J K N S	J K N H	TM	TM	TM	TM	
5ACP + 12S + 4ACP															

4805 (3/11)

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											

4805 (3/11)

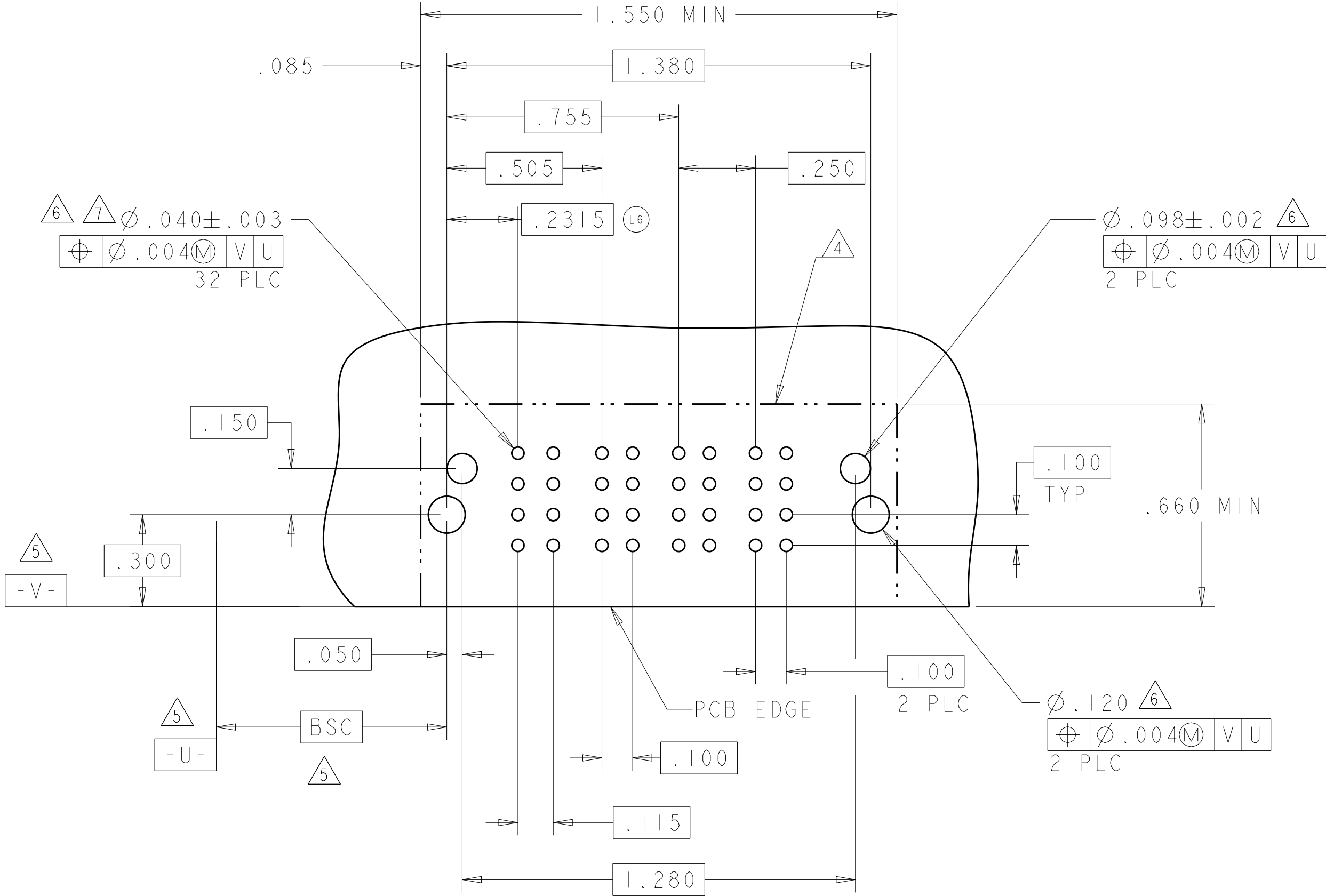
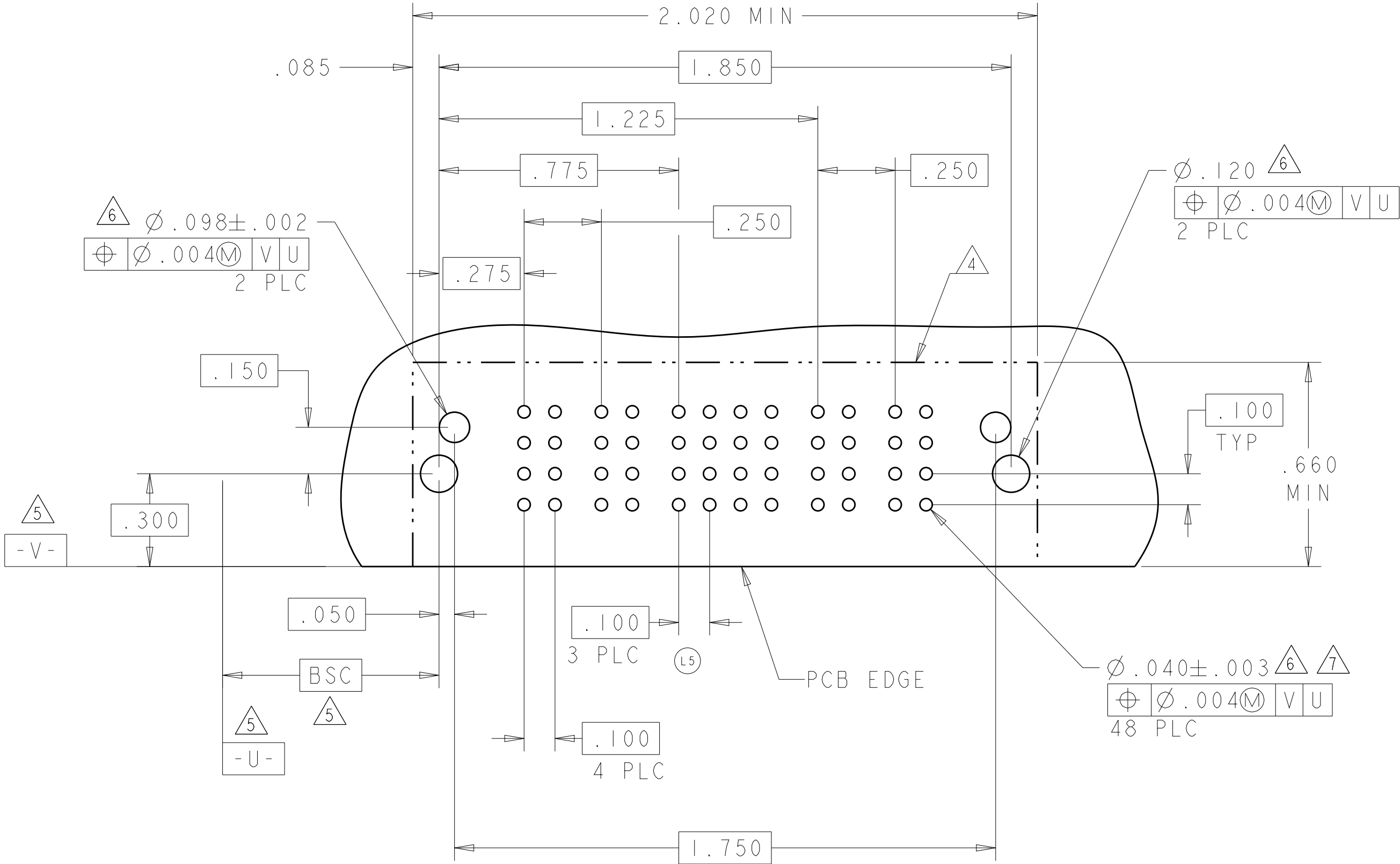
4805 (3/11)

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

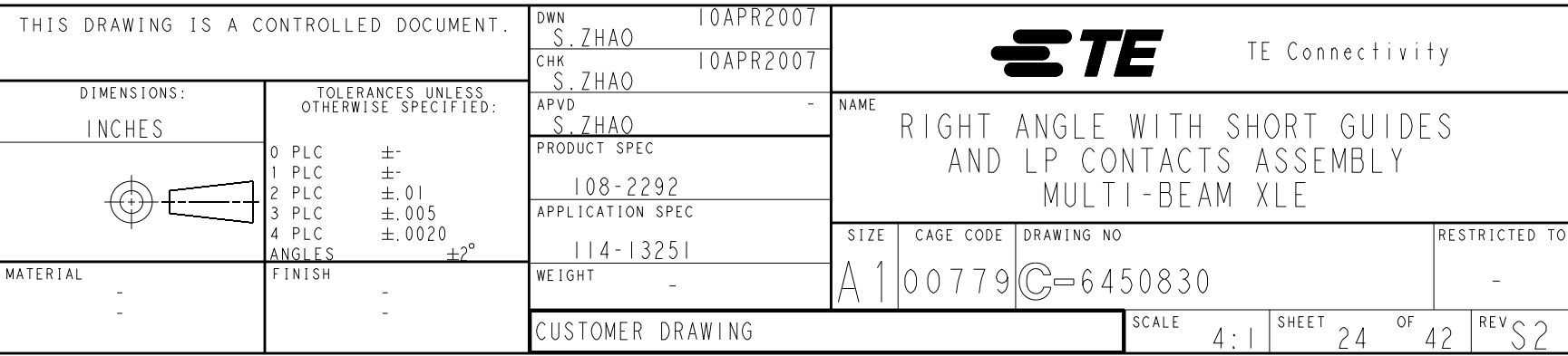
PART NUMBER	ROWS		POWER		SIGNAL				POWER		
			P1	P2	1	2	3	4	P3	P4	
4-6450830-6	D C B A		TM	TM	J	J	J	J	TM	TM	
					FK	FK	FK	FK			
					G	G	G	G			
			S		S		S				
2P + 16S + 2P											

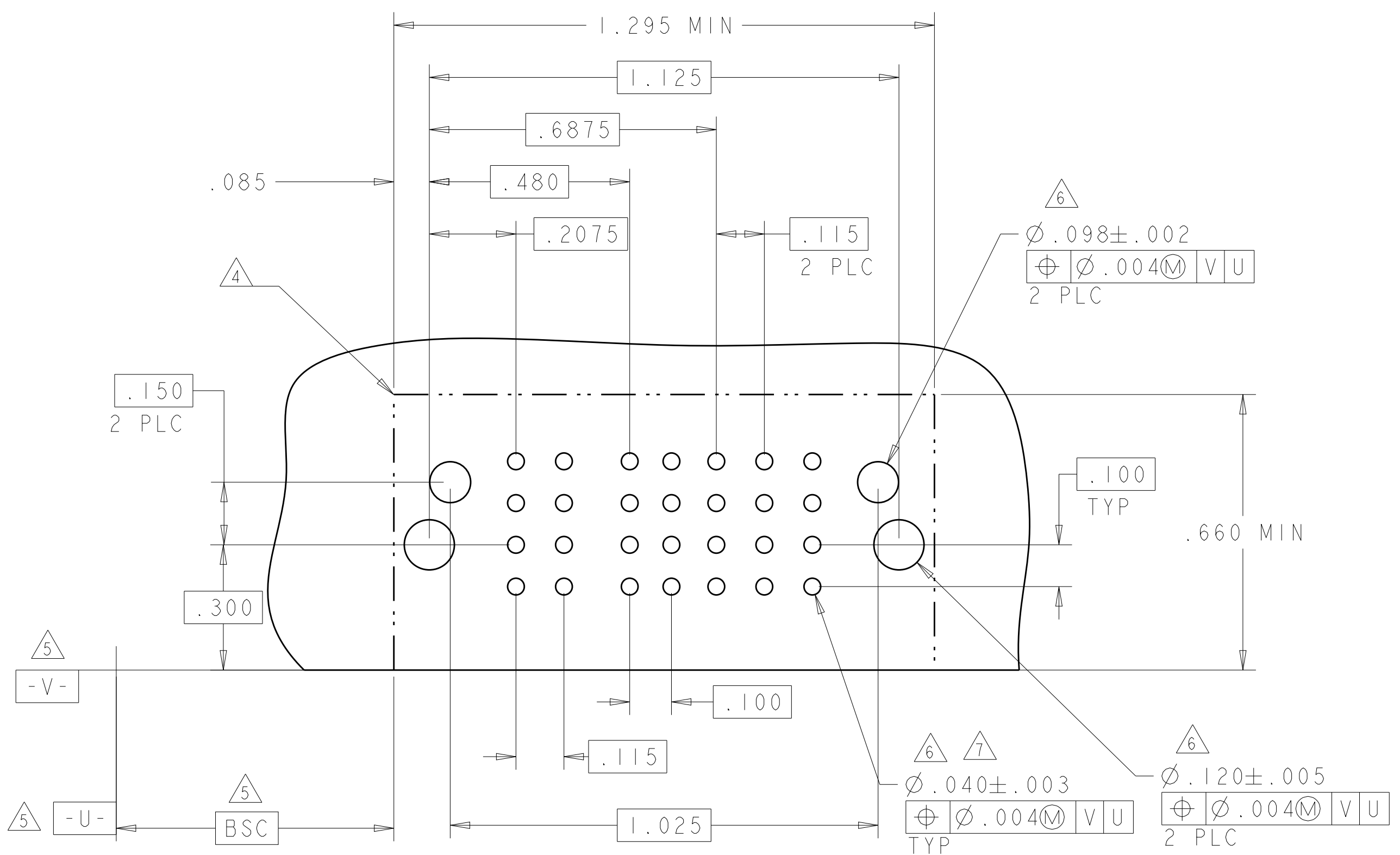
PART NUMBER	ROWS		POWER		SIGNAL		POWER		
			P1	P2	1	2	P3	P4	
4-6450830-7	D C B A		LM	LM	F	J	TM	TM	
					K	E			
					N	N			
			S		F	S			
2LP + 8S + 2P									



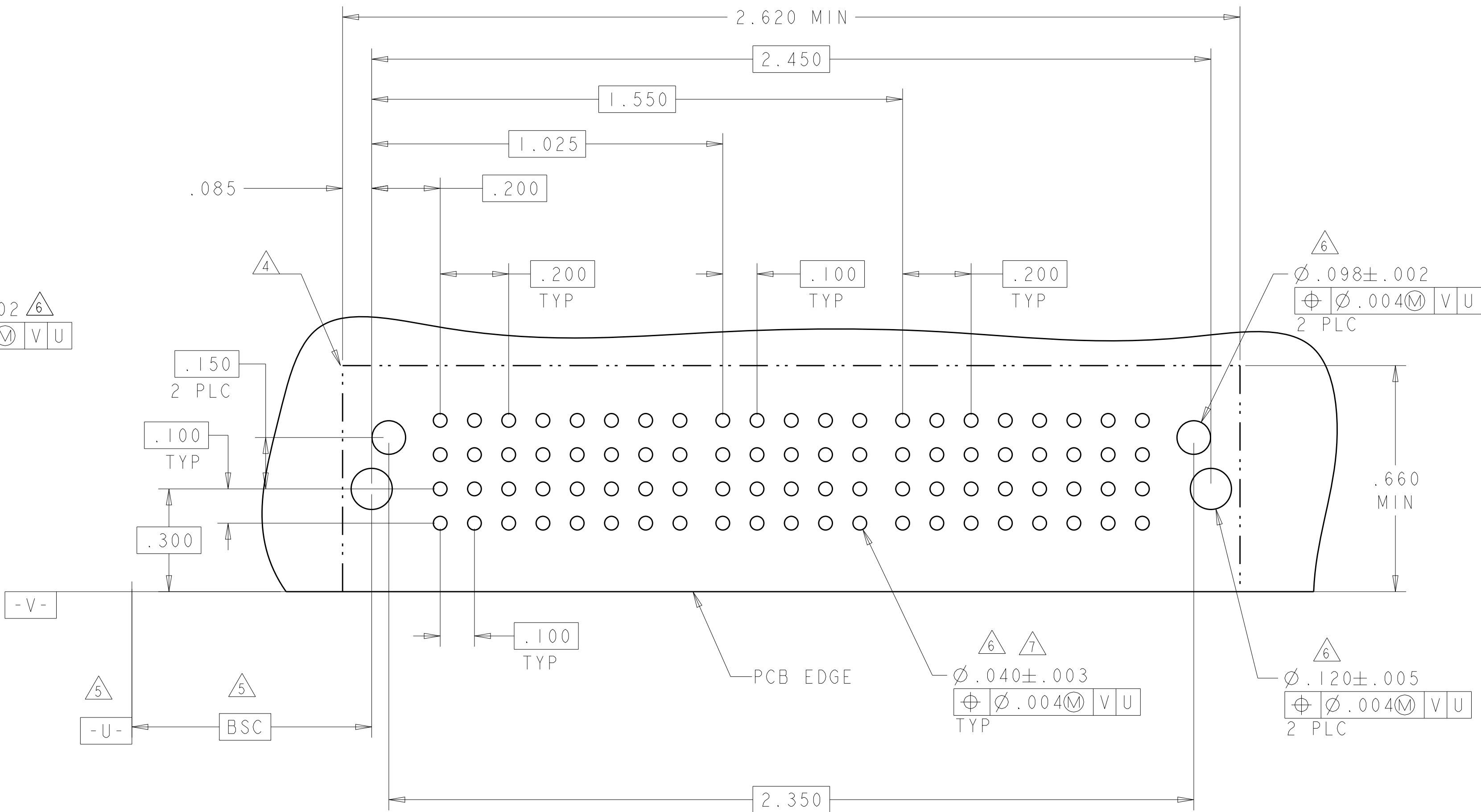
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. ZHAO	10APR2007	TE Connectivity	
DIMENSIONS: INCHES		CHK S. ZHAO	10APR2007		
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH		RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
MATERIAL		PRODUCT SPEC		SIZE	
		APPLICATION SPEC		CAGE CODE	
		114-13251		DRAWING NO	
		WEIGHT		RESTRICTED TO	
		CUSTOMER DRAWING		A100779C=6450830	
		SCALE		4:1	
		SHEET		23	
		OF		42	
		REV		S2	

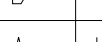
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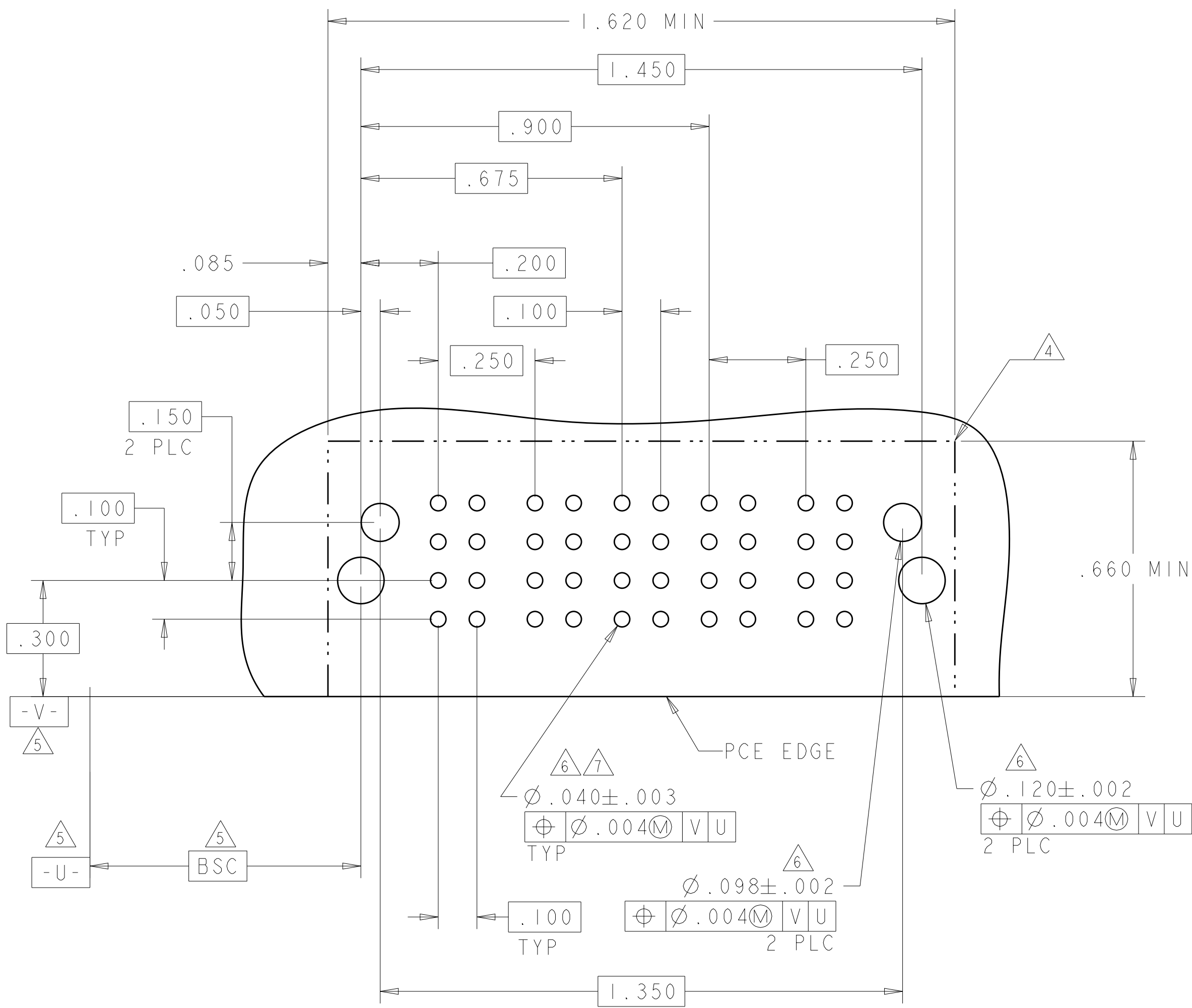


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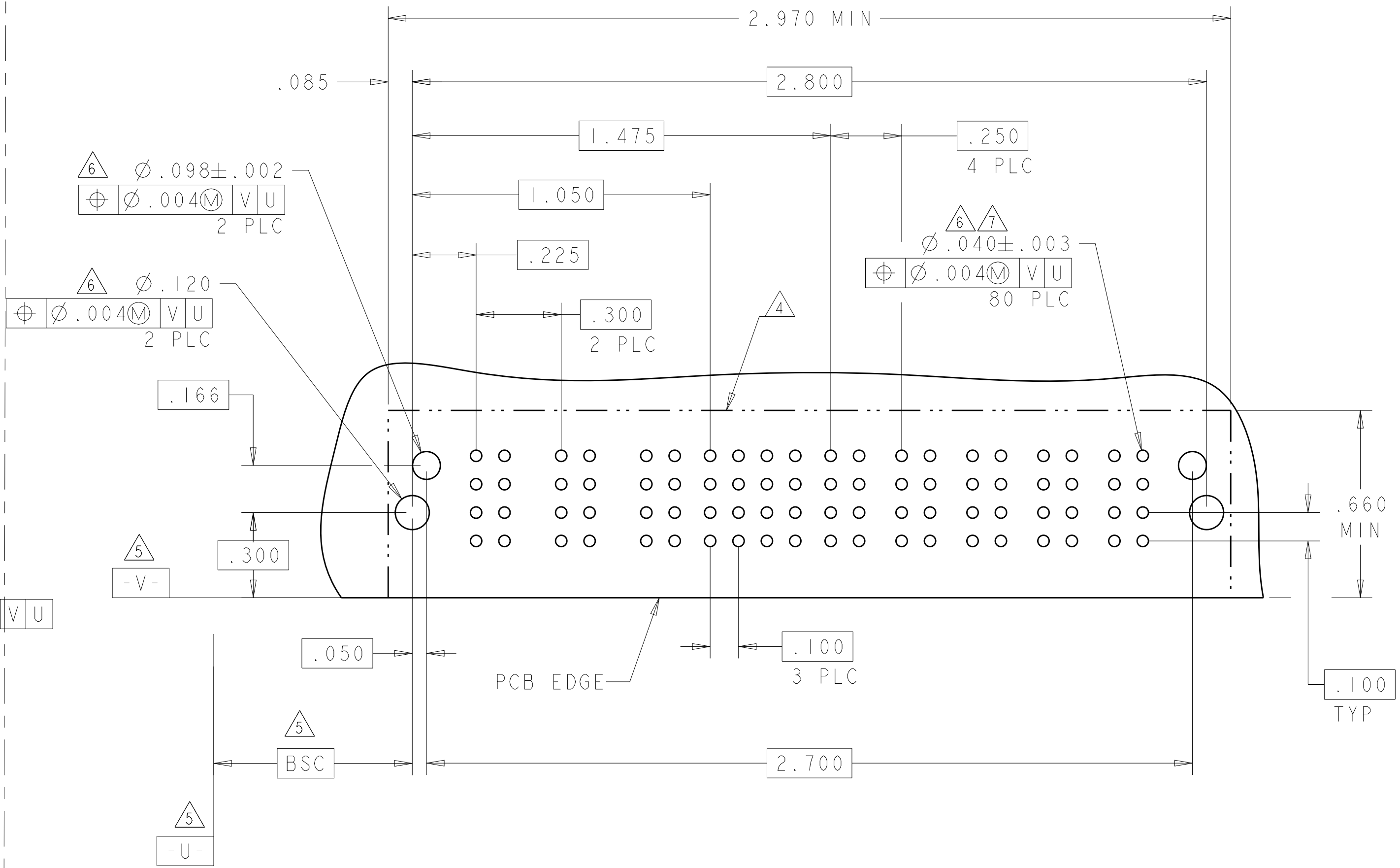
PART NUMBER	ROWS		POWER				SIGNAL					POWER				
			P1	P2	P3	P4	1	2	3	4	5	P5	P6	P7	P8	
5-6450830-2	D		TM	TM	TM	TM	J	J	J	J	J	TM	TM	TM	TM	
	K						K	K	K	K						
	N						N	N	N	N						
	A	HD														
4P + 20S + 4P																

4805 (3/11)

PART NUMBER	ROWS		POWER		SIGNAL		POWER		
		P1	P2	I	2	P4	P5		
5-6450830-4	D		TM	TM	J	J	TM	TM	
	C				K	K			
	B				N	N			
	A	HD			S	S			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	C		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					S	S	S	S						HD
3ACP + 16S + 5P															

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This mechanical drawing illustrates the dimensions and tolerances for a PCB edge connector. The drawing includes the following specifications:

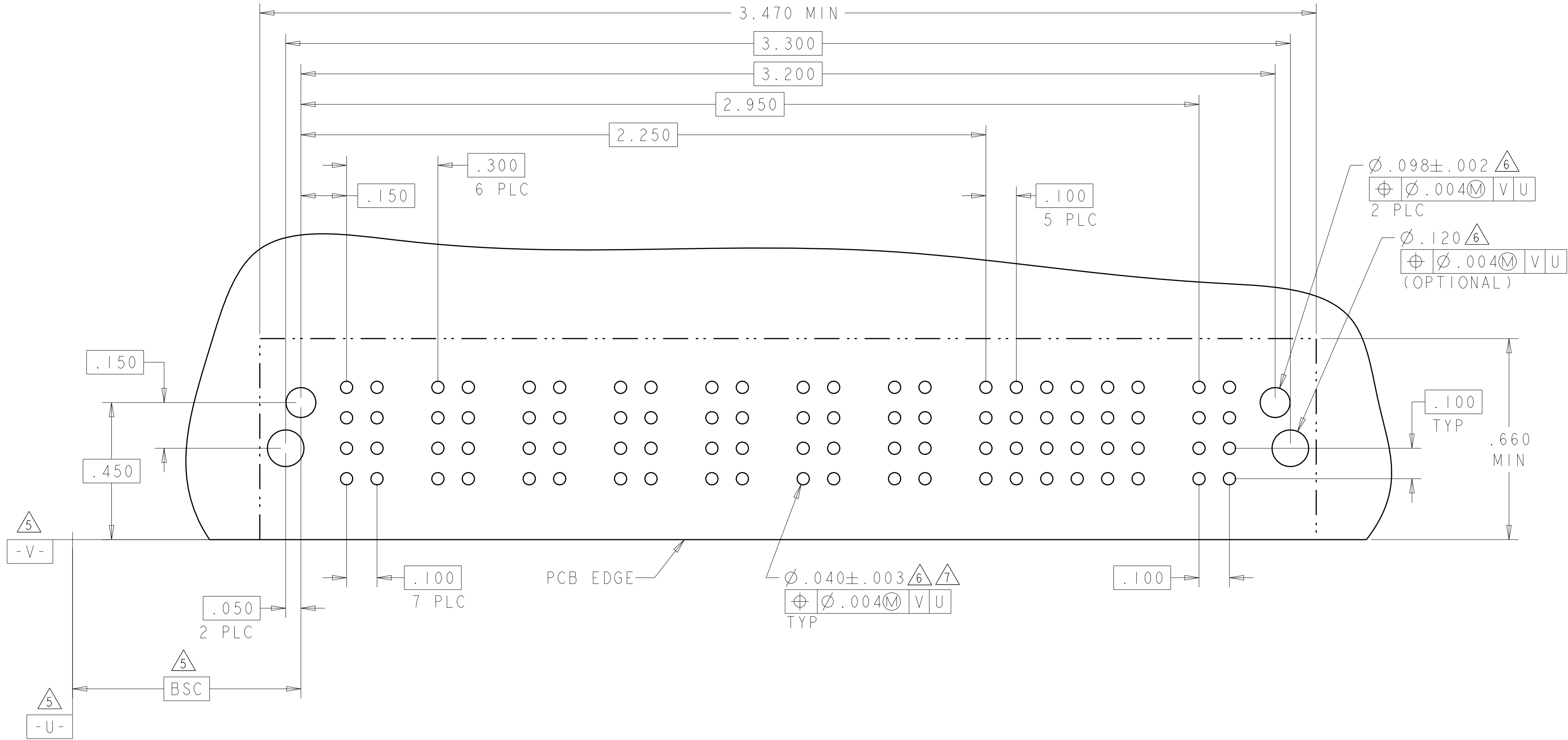
- Overall Dimensions:**
 - Top width: 3.070 MIN
 - Bottom width: 2.800
 - Left side width: .085
 - Right side width: .660 MIN
- Internal Spacing and Features:**
 - Top spacing: 2.900, 1.825, 1.200, .250 (3 PLC), .100 TYP, .250 (3 PLC), .225
 - Bottom spacing: .150, .300, .050 (2 PLC), .100 (4 PLC), .100 (4 PLC), .100 TYP
 - PCB EDGE label pointing to the bottom edge.
- Feature Callouts and Tolerances:**
 - Top left: $\phi .040 \pm .003$ (Feature 6, 7), $\phi .004 \text{ (M)} \text{ V U}$ (192 PLC)
 - Top right: $\phi .098 \pm .002$ (Feature 6), $\phi .004 \text{ (M)} \text{ V U}$ (2 PLC)
 - Bottom right: $\phi .120$ (Feature 6), $\phi .004 \text{ (M)} \text{ V U}$ (OPTIONAL)
 - Bottom left: BSC (Feature 5), -U- (Feature 5)
- Other Labels:**
 - 4 (Feature 4)
 - 5 (Feature 5)
 - 6 (Feature 6)
 - 7 (Feature 7)
 - V-

4805 (3/11)

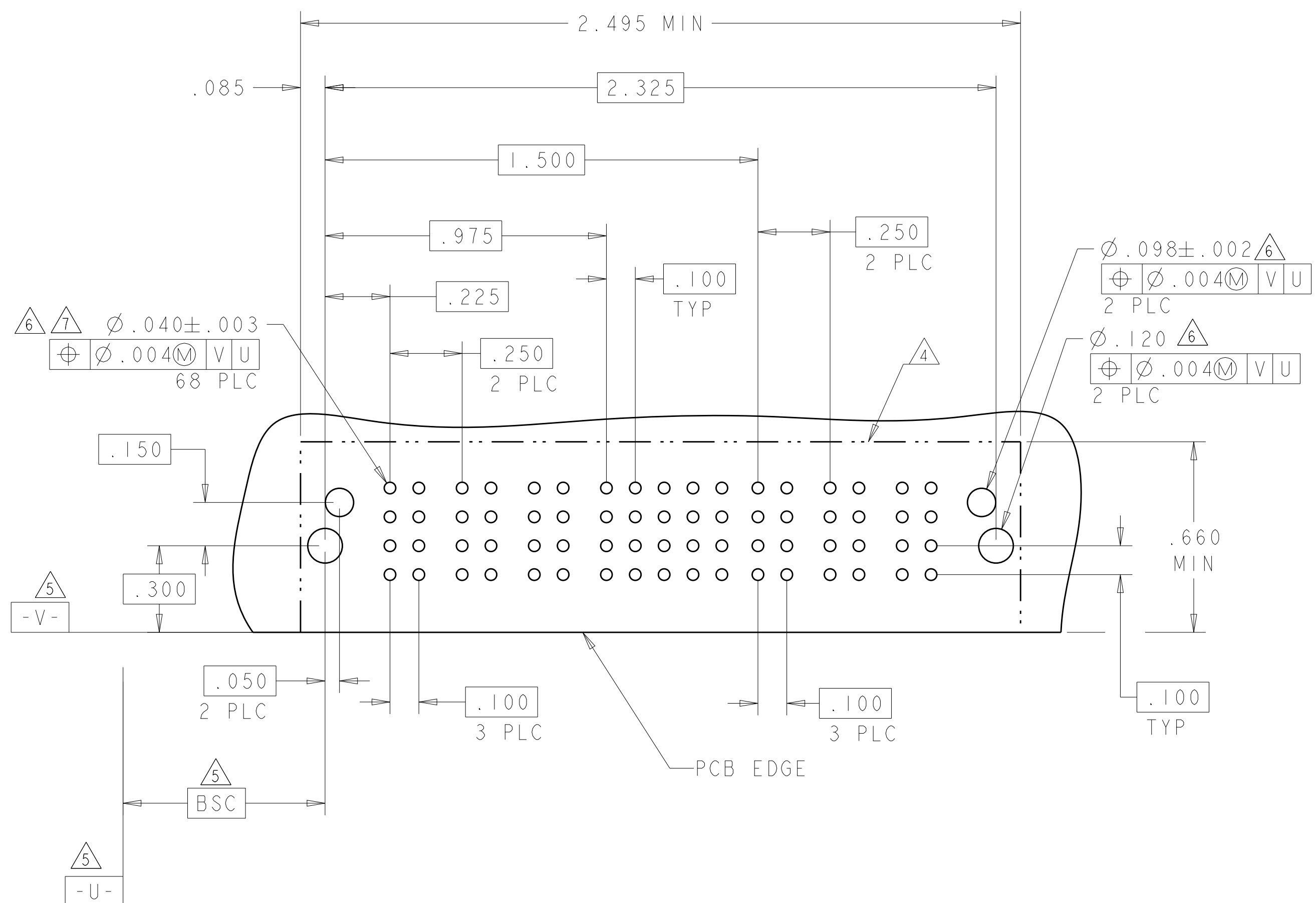
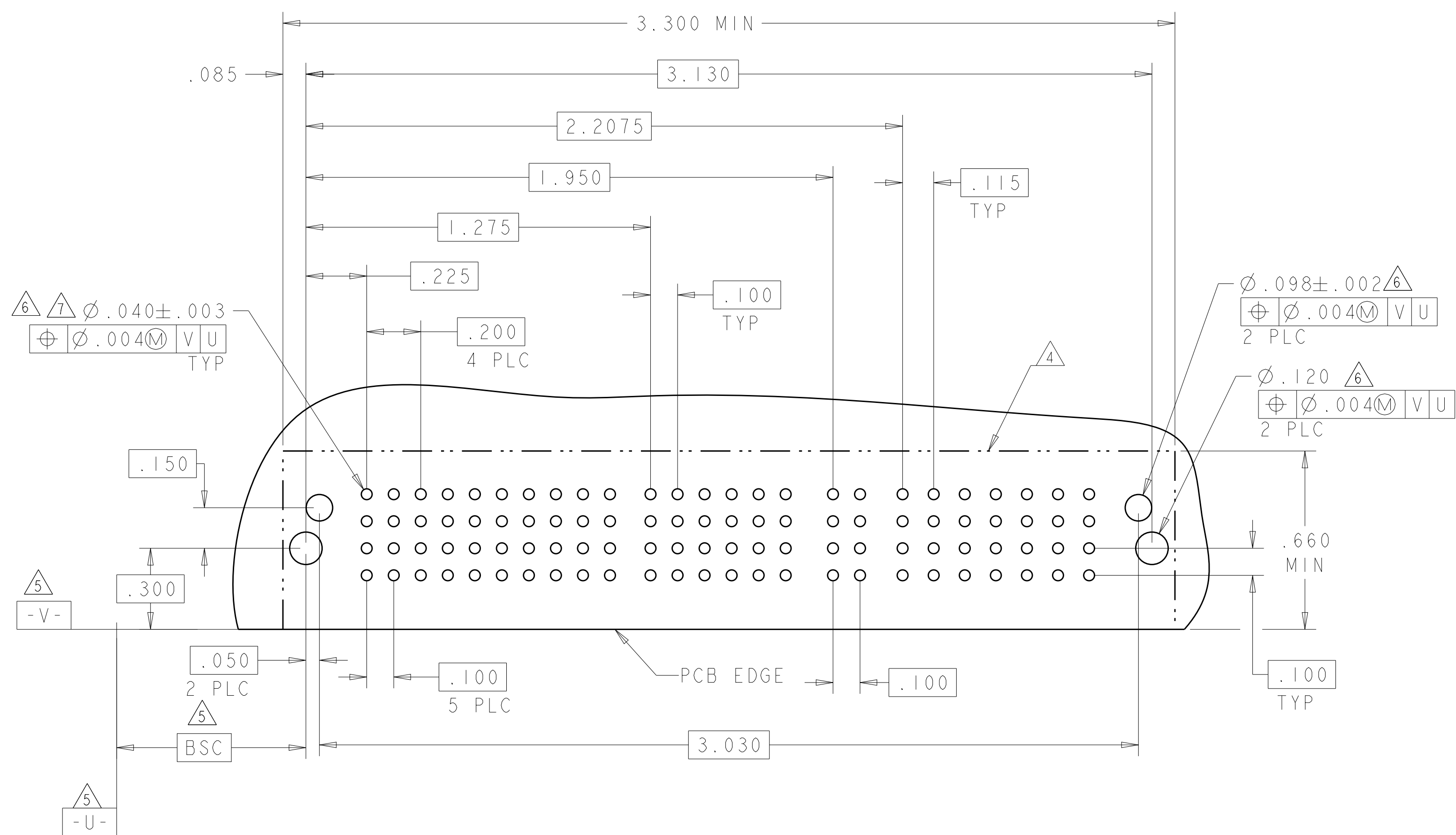
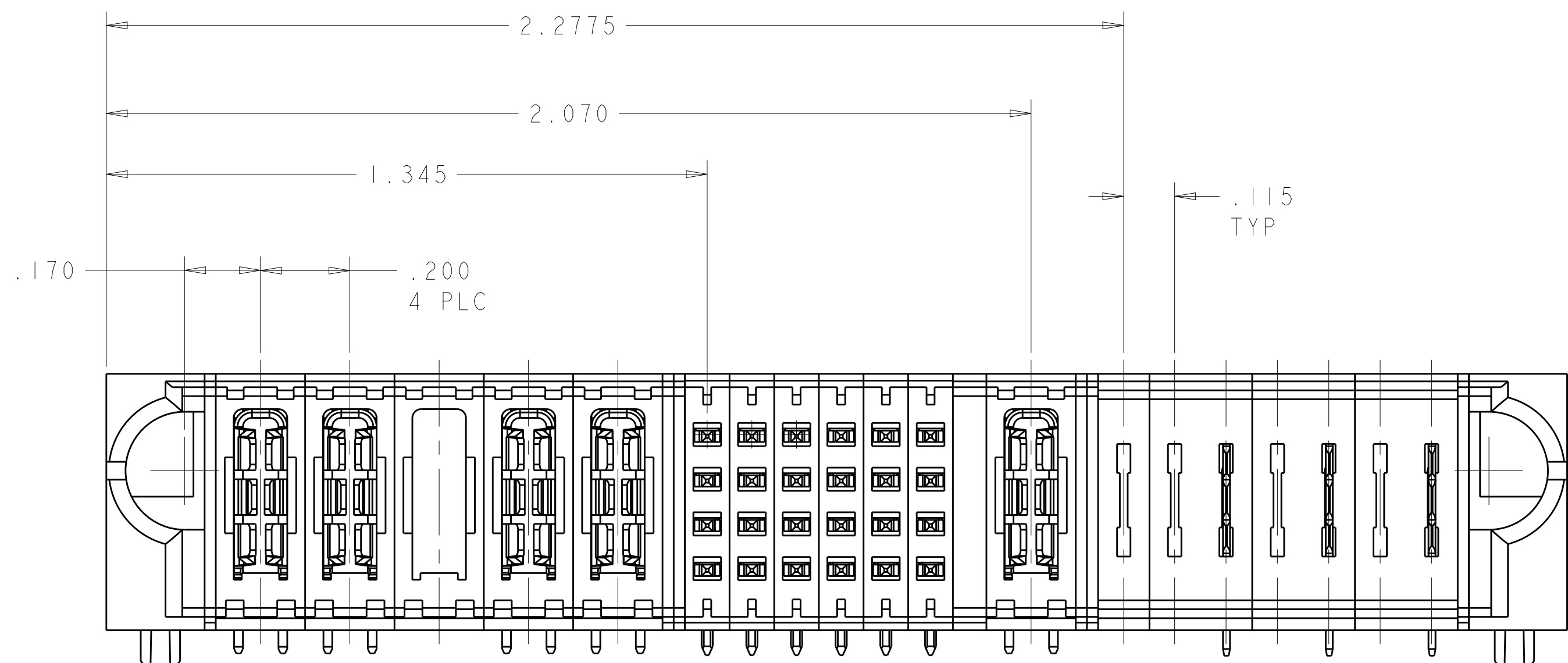
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

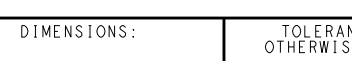
N6

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																	



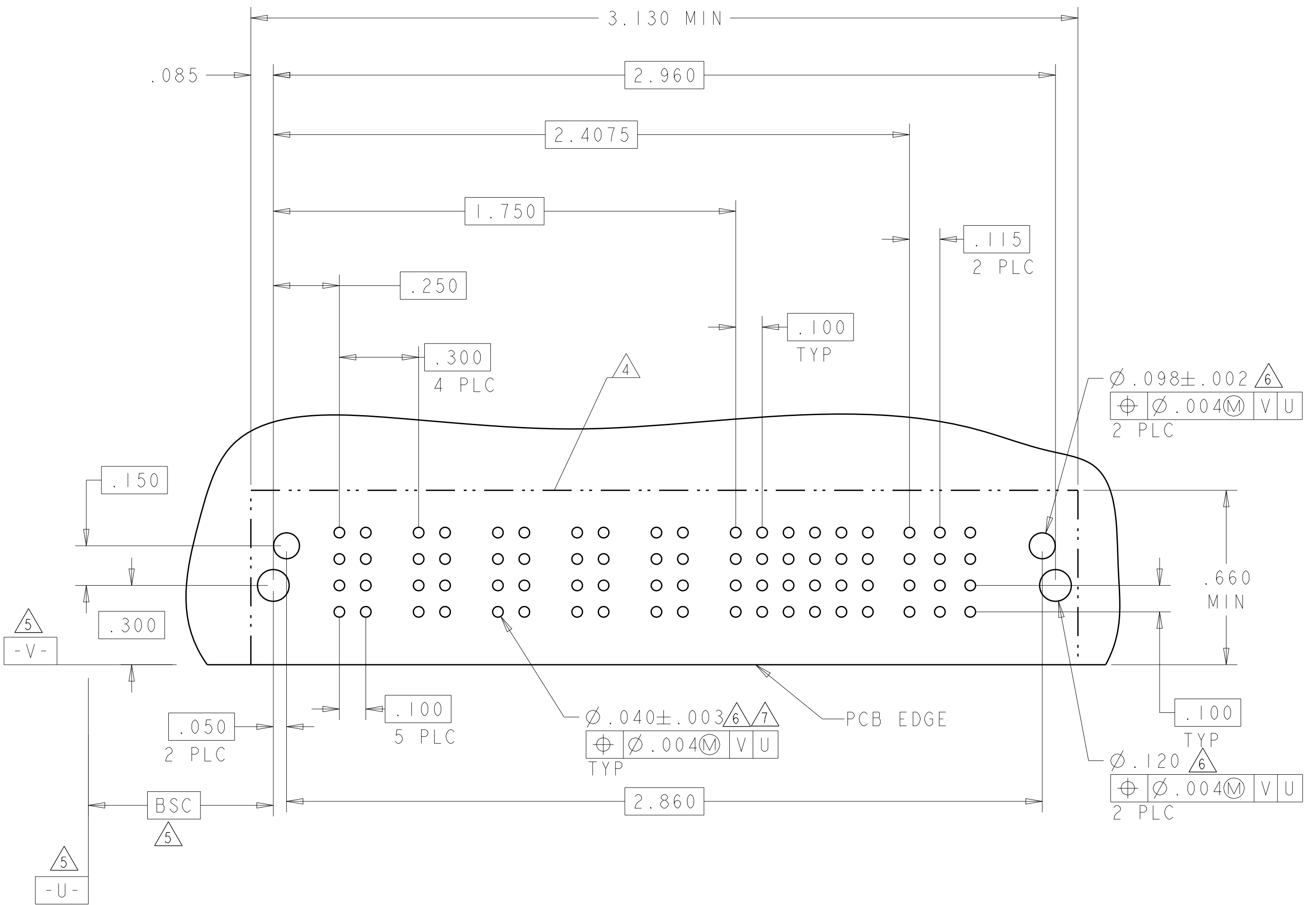
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S.ZHAO	10APR2007		 TE Connectivity				
		CHK S.ZHAO	10APR2007						
DIMENSIONS: INCHES		APVD S.ZHAO	-	NAME	RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE				
		PRODUCT SPEC		SIZE			CAGE CODE	DRAWING NO	RESTRICTED TO
		APPLICATION SPEC							
		108-2292		A	00779	C=6450830	-		
		114-13251							
MATERIAL -		WEIGHT -		CUSTOMER DRAWING					
				SCALE 4:1		SHEET 30 OF 42			
						REV S2			

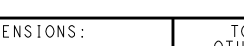
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. ZHAO 10APR2007 CHG S. ZHAO 10APR2007 APP'D S. ZHAO		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±.01 2 PLC ±.005 3 PLC ±.002 ANGLES ±°		NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
		PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 WEIGHT -		SIZE CAGE CODE DRAWING NO A100779 C6450830	
MATERIAL - FINISH -		CUSTOMER DRAWING		RESTRICTED TO - SCALE 4:1 SHEET 31 OF 42 REV S	

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		
	C							K	K	K	K	K	K					
	B							N	N	N	N	N	N					
	A							S	S	S	S	S	S					
5ACP + 24S + 4LP																		

NO CONTACTS LOADED

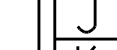
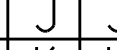
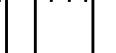
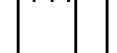
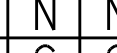
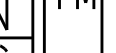
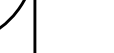
4805 (3/11)

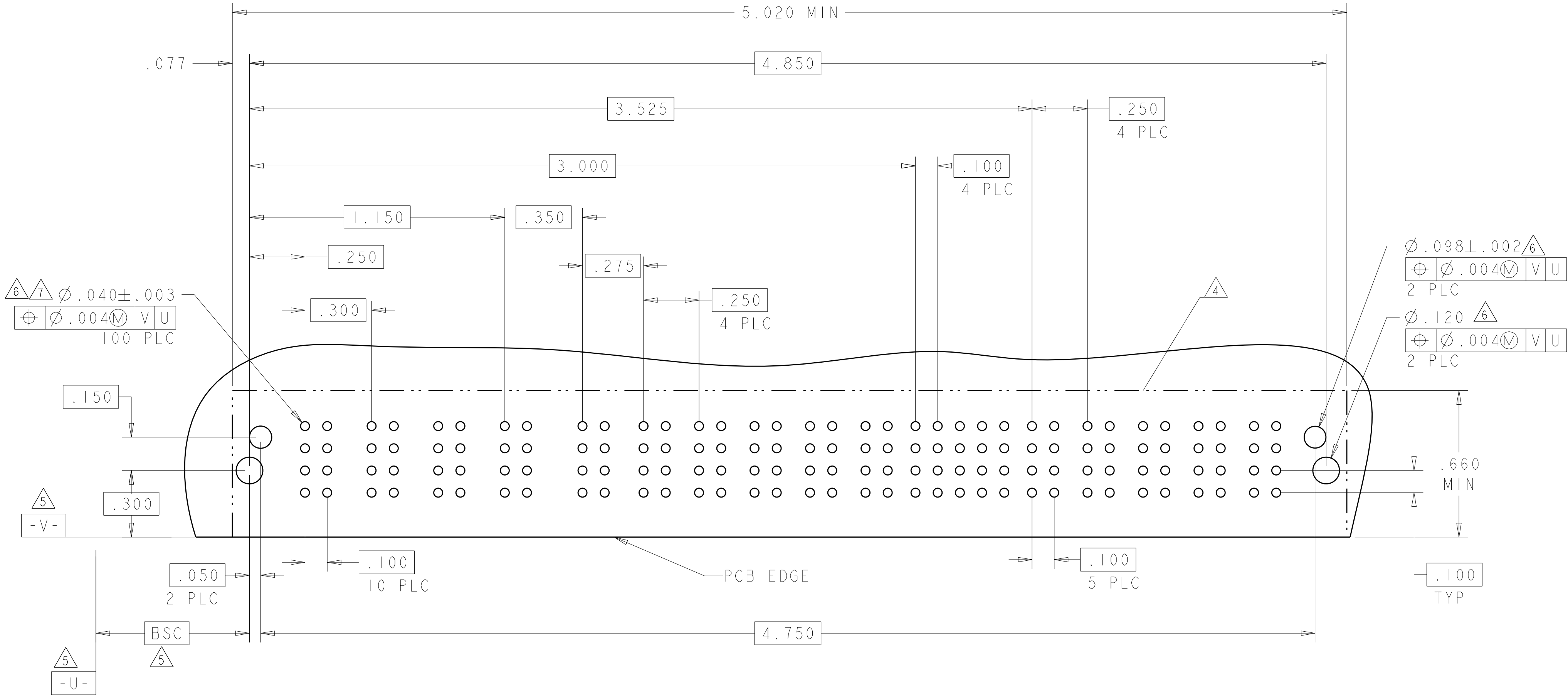
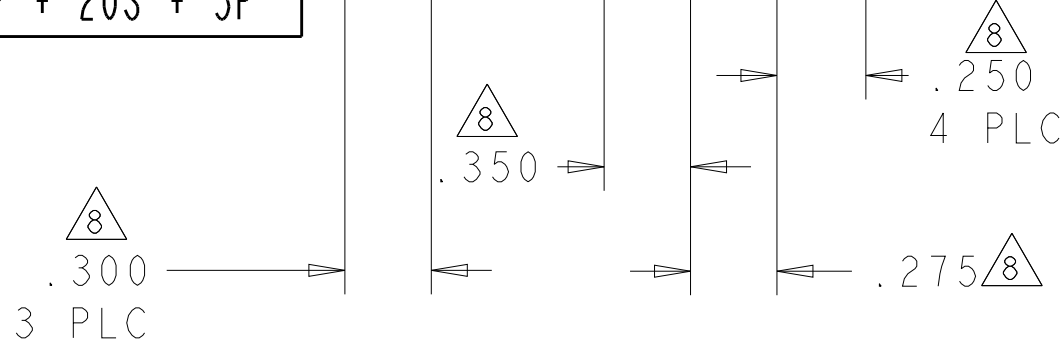
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S_ZHAO 10APR2007		 TE Connectivity	
DIMENSIONS: INCHES 		CHG S_ZHAO 10APR2007			
		APVD S_ZHAO -			
		NAME			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±°		PRODUCT SPEC 108-2292		RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
		APPLICATION SPEC 114-13251			
		MATERIAL -		WEIGHT -	
FINISH -		CAGE CODE 00779		DRAWING NO C-6450830	
		CUSTOMER DRAWING		SCALE 4:1	
				SHEET 33 OF 42	
				REV S2	

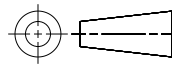
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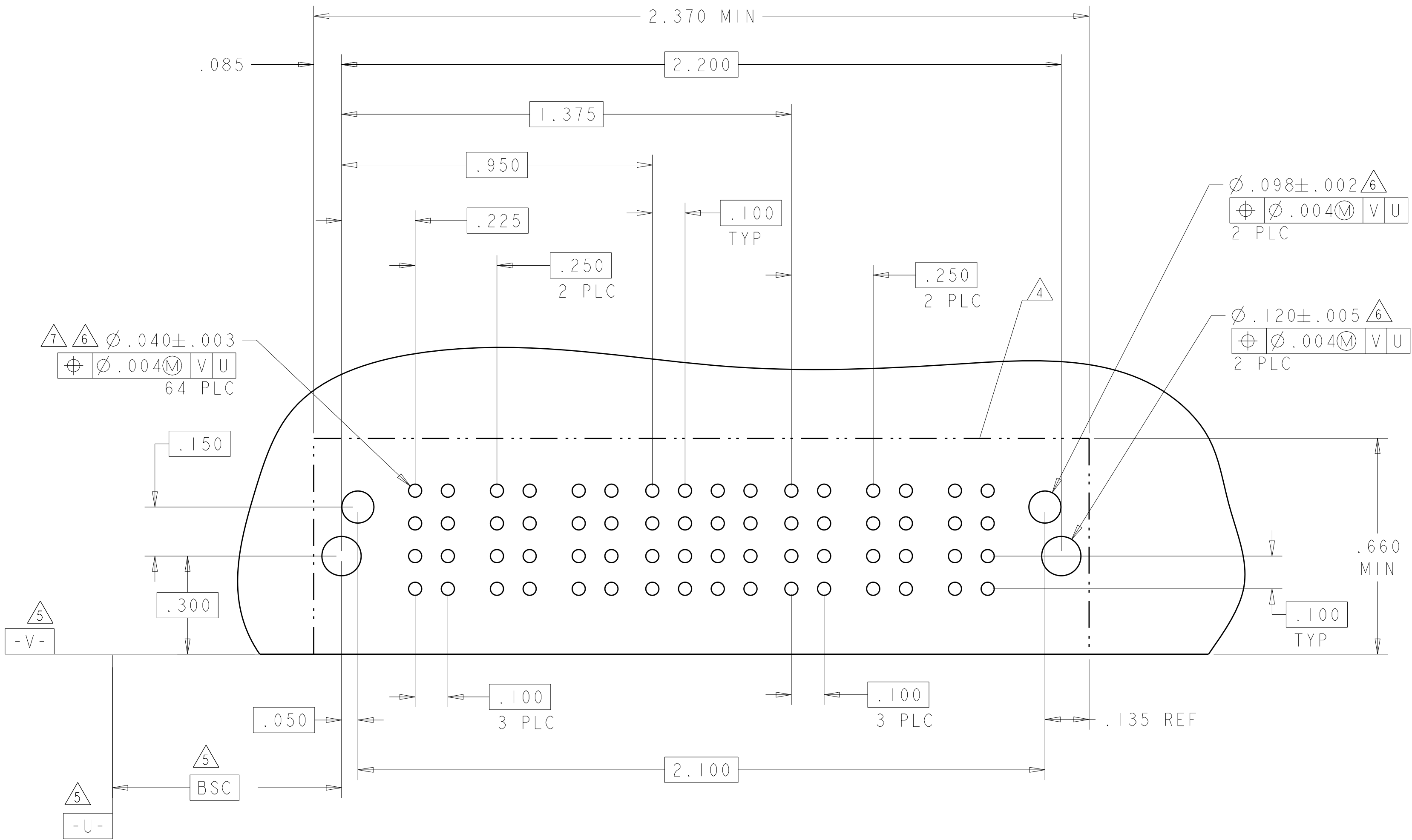
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. ZHAO 10APR2007		 TE Connectivity	
DIMENSIONS: INCHES		CHK S. ZHAO 10APR2007			
		TOLERANCES UNLESS OTHERWISE SPECIFIED: 6 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°		NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
MATERIAL -		APVD S. ZHAO PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 WEIGHT - FINISH - CUSTOMER DRAWING			

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

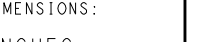
PART NUMBER	ROWS		POWER										SIGNAL					POWER										
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	P11	P12	P13	P14	P15						
7-6450830-1	D C B A	 HD											J	J	J	J	J											 HD
													K	K	K	K	K											
													N	N	N	N	N											
													S	S	S	S	S											
3ACP + 7P + 20S + 5P																												

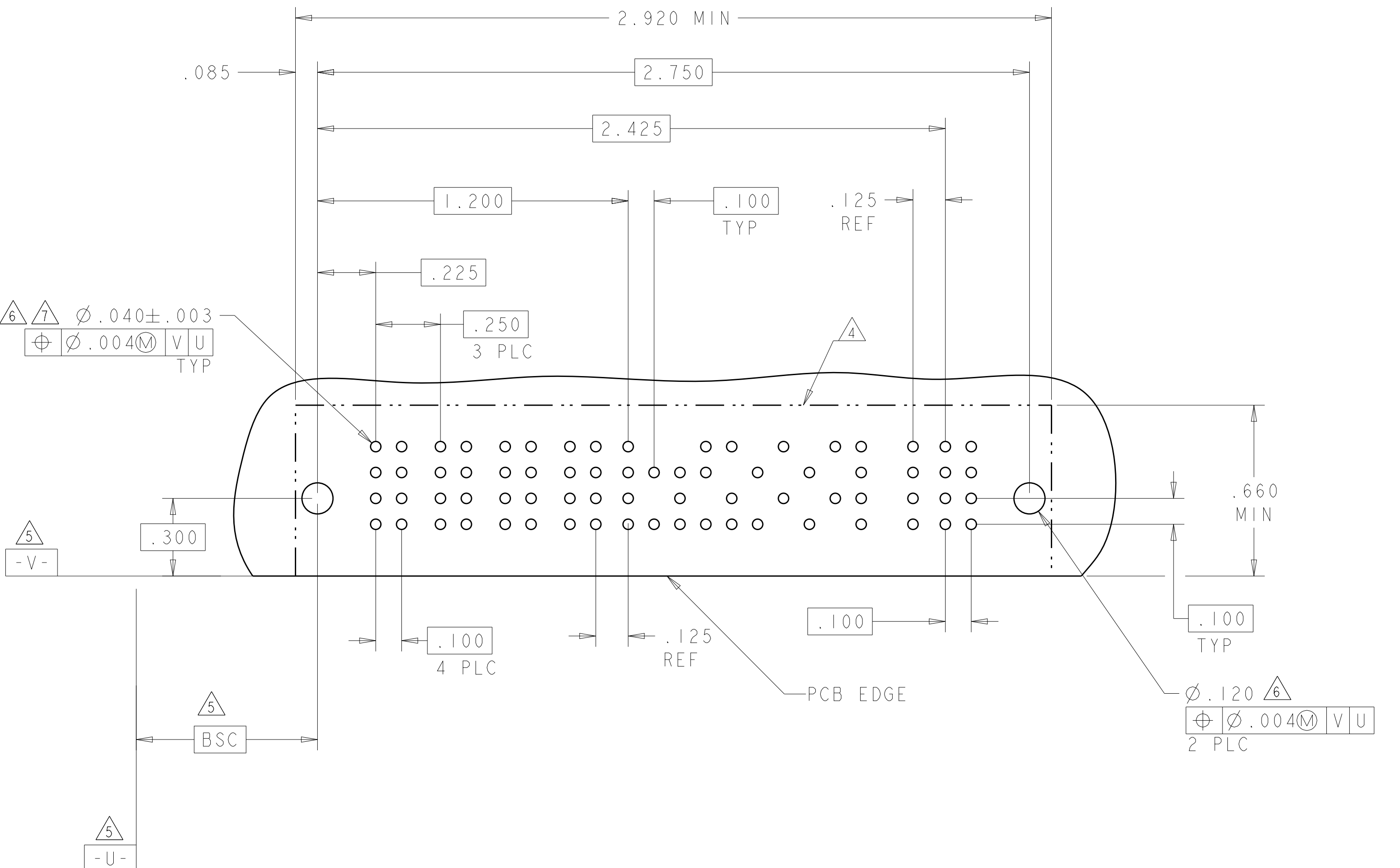


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. ZHAO	10APR2007	 TE Connectivity	
		CHK S. ZHAO	10APR2007		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.01		PRODUCT SPEC	
		1 PLC ±.01		108-2292	
		2 PLC ±.01		APPLICATION SPEC	
		3 PLC ±.005		114-13251	
		4 PLC ±.0020		WEIGHT	
		ANGLES ±2°		CUSTOMER DRAWING	
MATERIAL		FINISH		SCALE	
-		-		4:1	
				SHEET 35 OF 42	
				REV S2	

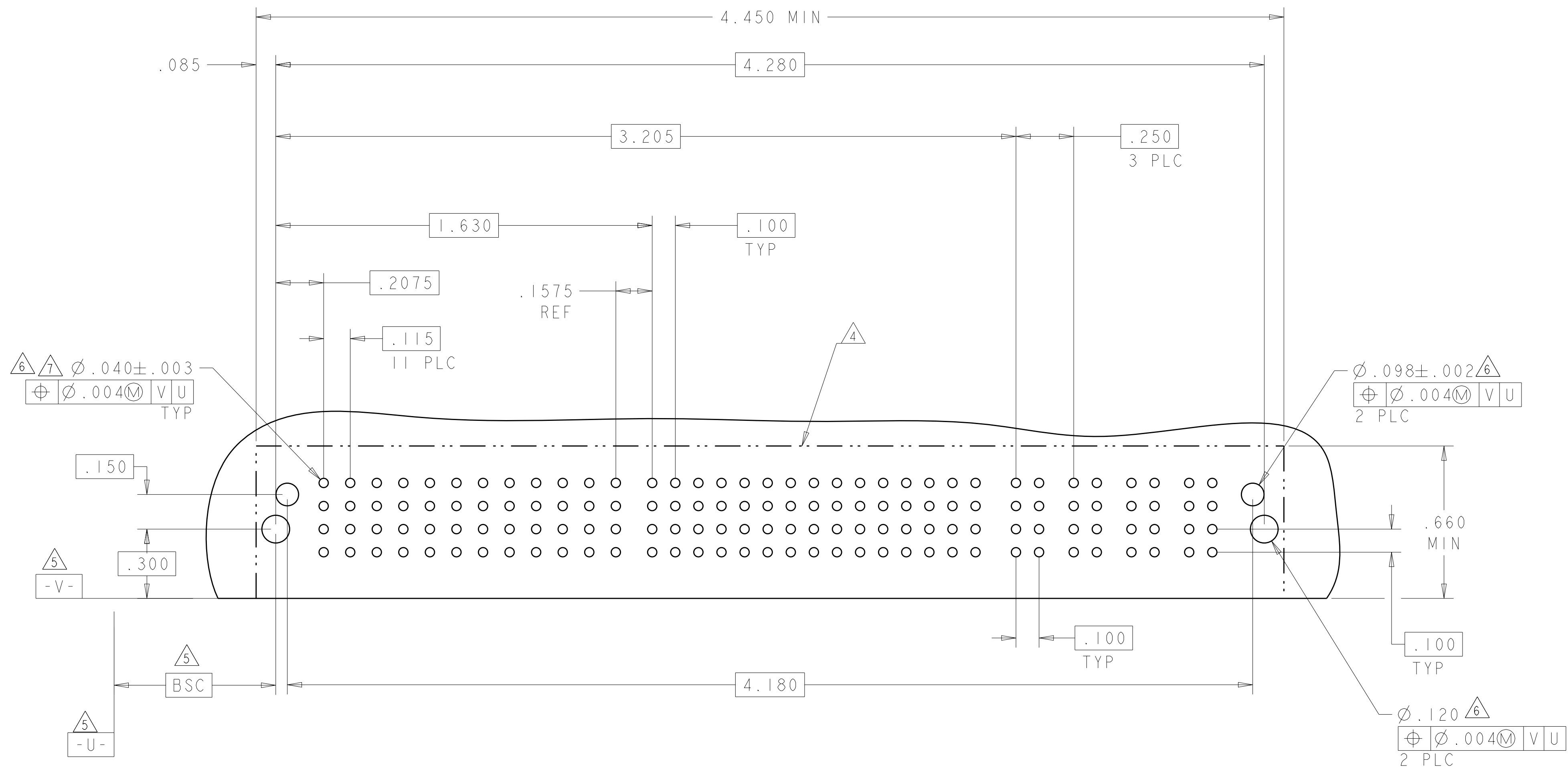
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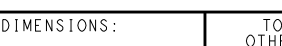
PART NUMBER	ROWS		POWER				SIGNAL												POWER	
			P1	P2	P3	P4	1	2	3	4	5	6	7	8	9	10	11	12	P4	
7-6450830-7	D		TM	TM	TM	TM	E			E	J		J		J	E		E	TM	
	C						F	F	F		K		K		F		F			
	B						G		G		N		N		G		N			
	A						H	H	H	H	H		S		H		H			
4P + 48S + 1P																				

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S_ZHAO	10APR2007	 TE Connectivity							
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±°				CHW S_ZHAO	10APR2007				
		APVD - S_ZHAO PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251				NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE					
		MATERIAL - - -		SIZE A		CAGE CODE 00779	DRAWING NO C-6450830	RESTRICTED TO - - -			
CUSTOMER DRAWING				SCALE	4:1	SHEET	37	OF	42	REV	S2

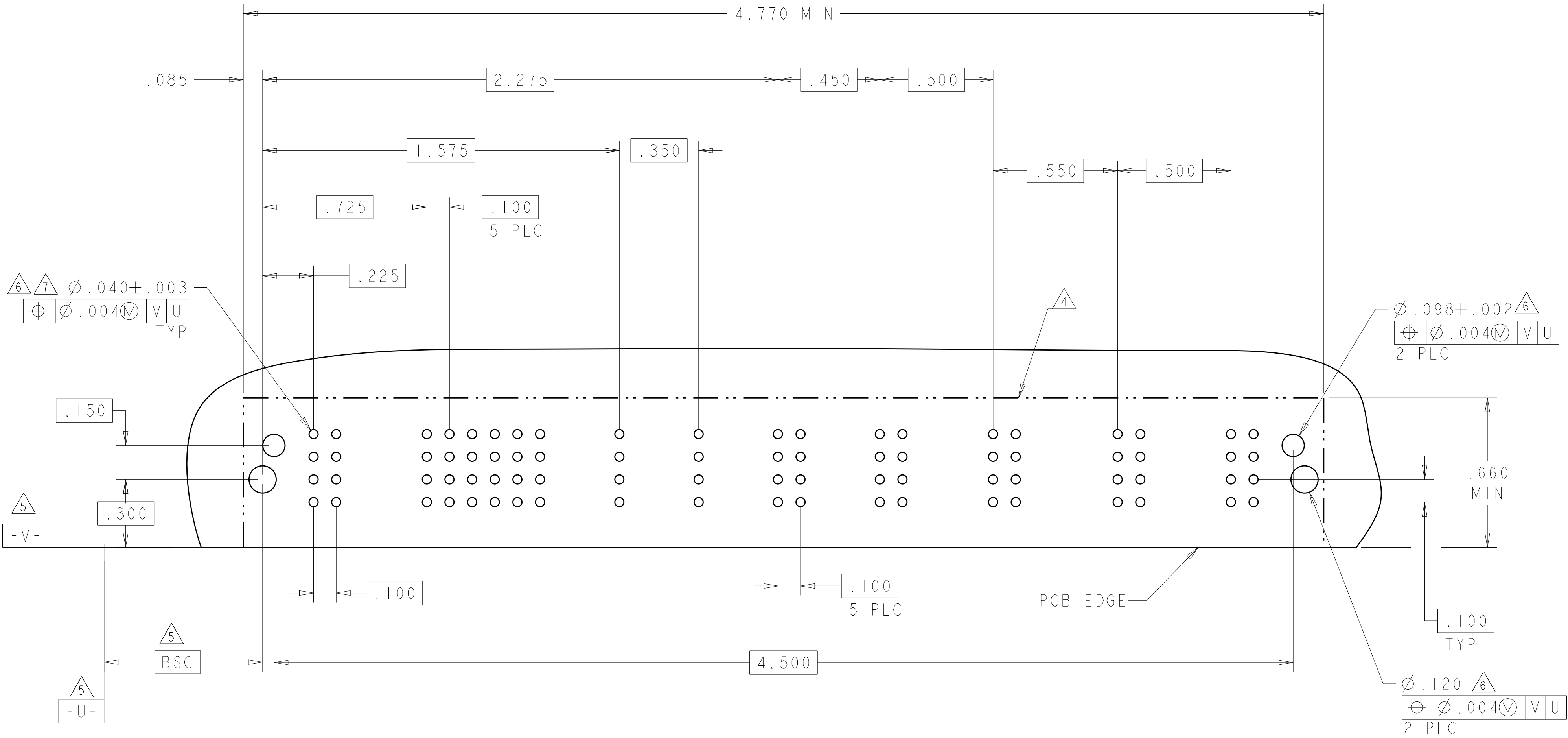


PART NUMBER	ROWS		LOW POWER												SIGNAL															POWER						
			LP1	LP2	LP3	LP4	LP5	LP6	LP7	LP8	LP9	LP10	LP12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	P1	P2	P3	P4				
7-6450830-8	D		LM	LM	LM	LM	LM	LM	LM	LM	LM	LM	LM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	TM	TM	TM	TM					
	C													K	K	K	K	K	K	K	K	K	K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



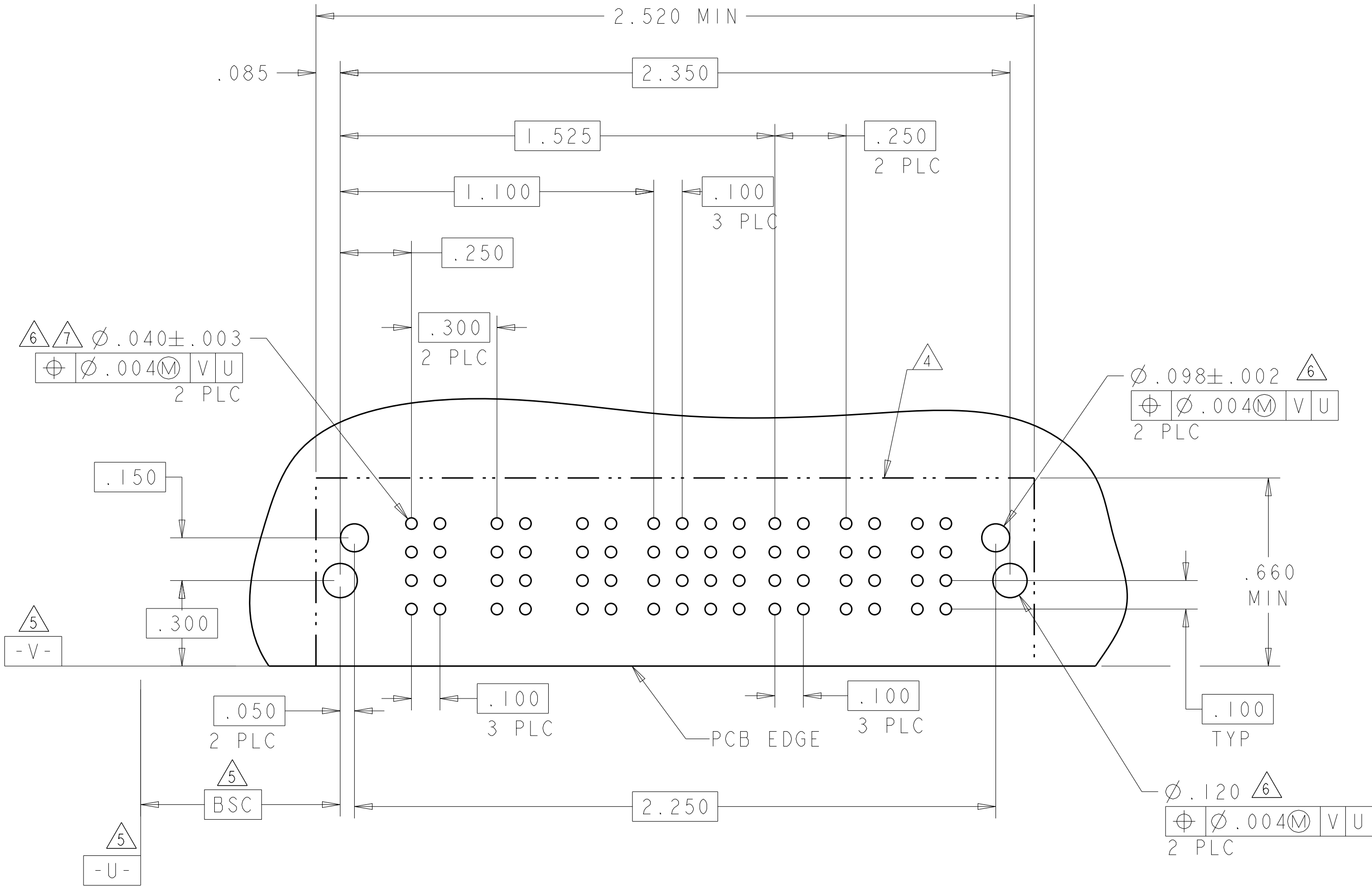
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S_ZHAO 10APR2007		 TE Connectivity	
DIMENSIONS:		CHN S_ZHAO 10APR2007			
INCHES		APVD S_ZHAO -			
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
0 PLC ± 1 PLC ± 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±?		PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251			
MATERIAL -		WEIGHT -			
FINISH -		SIZE A		CAGE CODE 00779	DRAWING NO. C-6450830
		CUSTOMER DRAWING		SCALE 4:1	SHEET 38 OF 42
				REV S2	RESTRICTED TO -

[illegible]4805 (3/11)

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	1	2	3	4	P4	P5	P6	
8-6450830-0	D		TM	TM	TM	J	J	J	J	TM	TM	TM	
	K					K	K	K					
	N					N	N	N					
	S					S	S	S					
3ACP + 16S + 3P													



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. ZHAO	10APR2007		
		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	
		0 PLC $\pm .$ 1 PLC $\pm .01$ 2 PLC $\pm .01$ 3 PLC $\pm .005$ 4 PLC $\pm .0020$ ANGLES $\pm 2^\circ$ FINISH		108-2292 APPLICATION SPEC	
MATERIAL -		WEIGHT -		SIZE A1	
		CUSTOMER DRAWING		CAGE CODE 00779	
				DRAWING NO 6450830	
				RESTRICTED TO -	
				SCALE 4:1	
				SHEET 41	
				OF 42	
				REV S2	

- NO CONTACTS LOADED

