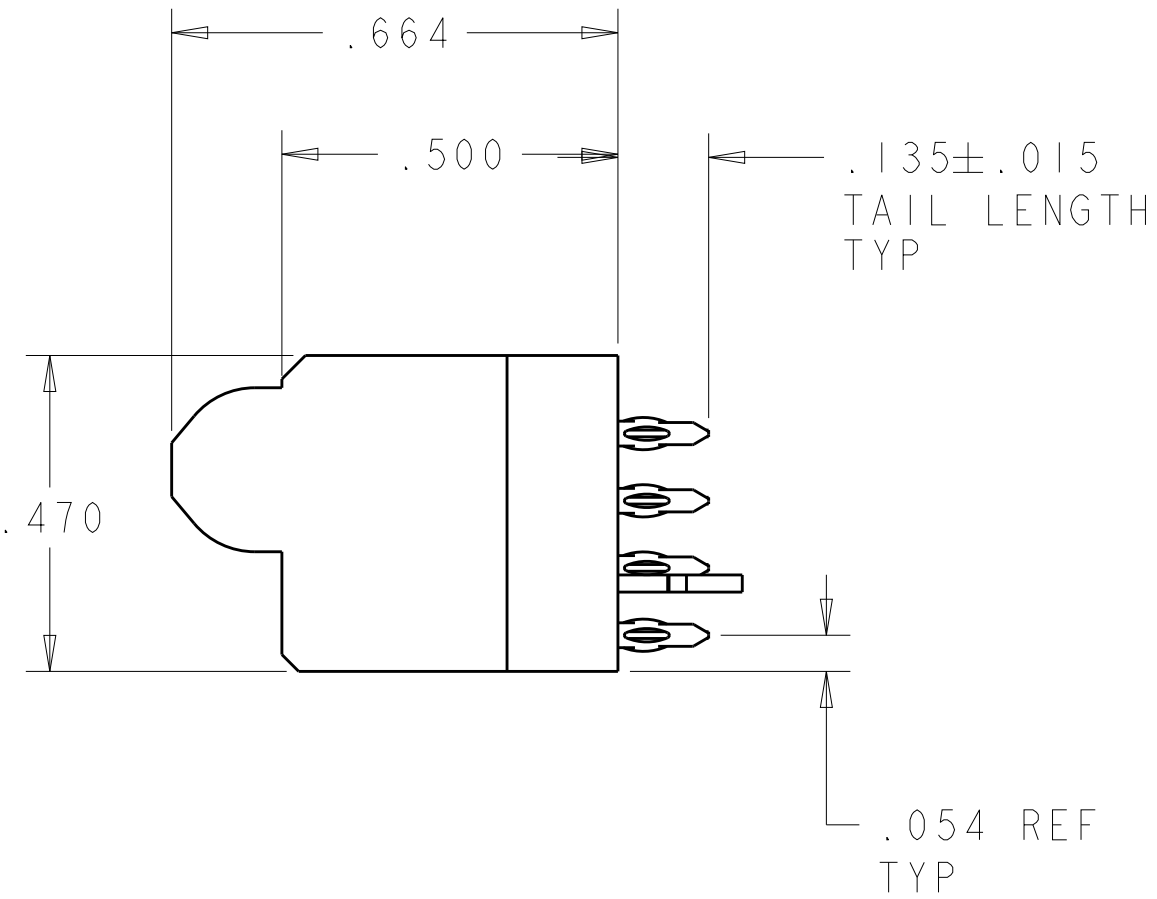
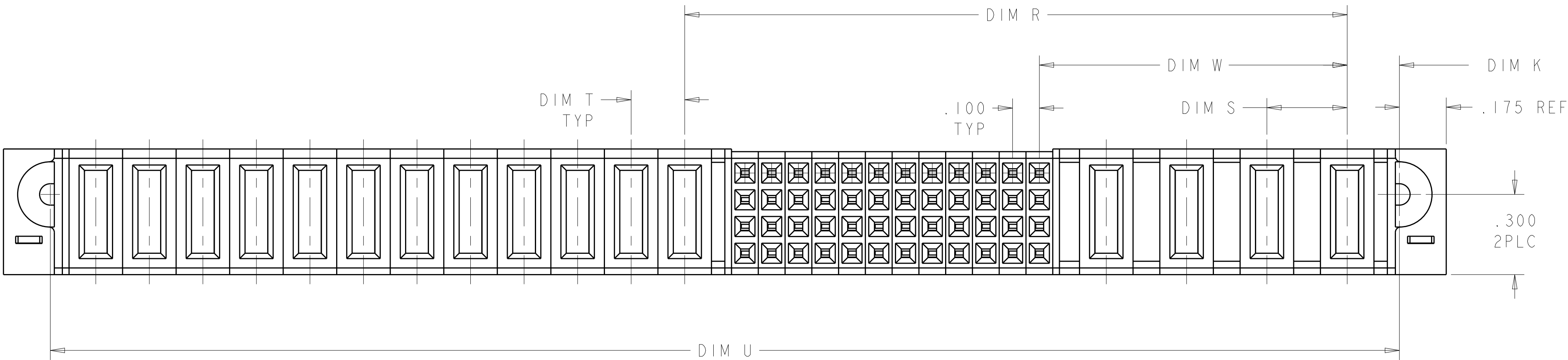
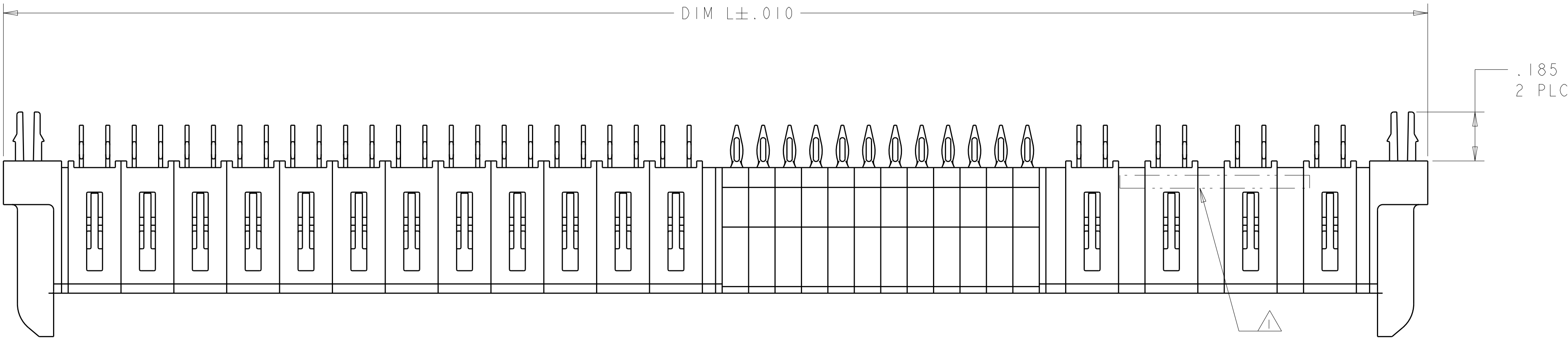
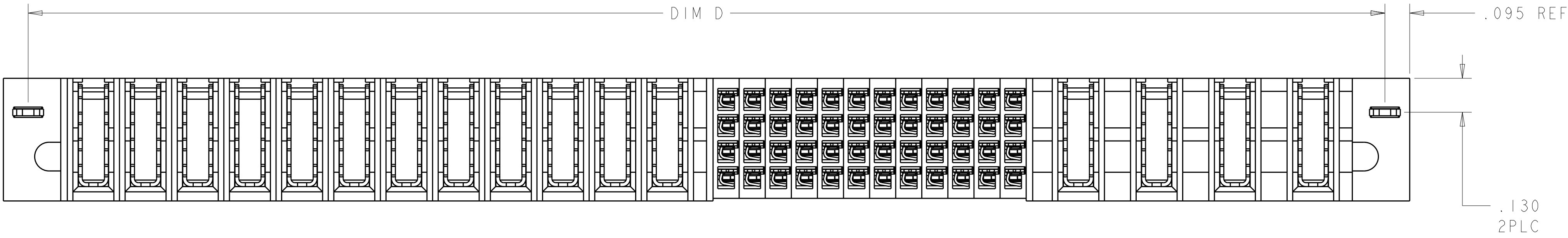
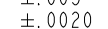


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		J9	REV PER ECR-12-020199	22NOV2012	CZ	SZ



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. ZHU	20DEC2007	 TE Connectivity									
		CHK S. ZHAO	20DEC2007										
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	VER RECEP ASSEMBLY SHORT GUIDES, PRESS FIT MULTI-BEAM XLE								
INCHES		APVD S. ZHAO											
		PRODUCT SPEC											
		108-2292											
		APPLICATION SPEC											
		114-13251		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO						
MATERIAL		FINISH		A	00779	C=6450860	-						
				CUSTOMER DRAWING		SCALE	N/A	SHEET	1	OF	28	REV	K2

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

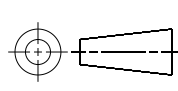
- 1 "AMP". PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN
PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC,UL94 V-O,BLACK.
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
LP CONTACT - HIGH 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 HOLE
- 8 FOR P/S/LP CONFIGURATION, PLEASE REFER TO SHEET 3.
- 9 FOR LP/S/P CONFIGURATION, PLEASE REFER TO SHEET 3.
- 10 VARIABLE DIMENSIONS SHOW ON TABLE.
- 11 FOR LP/S/LP CONFIGURATION, PLEASE REFER TO SHEET 3.
- 12 SPECIAL DIMENSIONS SEE SHEET 3

- 68 13 RECOMMEND USING CUSTOMER SUPPLIED SCREWS TO SECURE TO BOARD
TYCO P/N:19024-2.RECOMMEND TORQUE IS TBD.
ASSUMING A CARD THICKNESS OF TBD, FINAL SCREW LENGTH AND CARD THICKNESS ARE FACTORS TO BE
CONSIDERED IF APPLYING A SCREW FOR AN APPLICATION AND MAY VARY FOR EACH APPLICATION.

K2	1.850	.250	.250	.170	1.690	.425	1.100	2.040	2P + 24S + 2P	5-6450860-2
	1.185	-	-	.1025 ¹¹	1.025	.2725 ¹¹	.705 ¹¹	1.375	2LP + 16S + 2LP	4-6450860-8
	2.850	.250	.250	.170	2.690	.925	1.600	3.040	4P + 24S + 4P	4-6450860-7
	2.150	.250	.250	.170	1.990	.475	1.400	2.340	2P + 32S + 2P	4-6450860-6
	2.705	.115	.10	.170	2.545	1.800	2.1575	2.895	3ACP+3P+12S+2LP	4-6450860-5 ⁸
	4.450	.250	.250	.170	4.290	1.925	2.200	4.640	8P + 8S + 8P	4-6450860-4
	1.400	.250	.250	.145	1.240	.425	.700	1.590	2P + 8S + 2P	4-6450860-3
	1.330	.250	-	.1275	1.170	.2725	.5725	1.520	2LP + 8S + 2P	4-6450860-2
	2.400	.200	.200	.145	2.240	.775	1.350	2.590	4HDP + 20S + 4HDP	4-6450860-1
	1.350	-	-	.170	1.190	.175	.850	1.540	1P + 24S + 1P	4-6450860-0
	1.360	-	.230 ⁹	.1275 ⁹	1.200	.4775 ⁹	.8525 ⁹	1.550	4LP + 12S + 1P	3-6450860-9
	2.550	.250	.250	.170	2.390	.475	1.800	2.740	2P + 48S + 2P	3-6450860-6
	3.850	.250	.250	.170	3.690	1.425	2.100	4.040	6P + 24S + 6P	3-6450860-5
	1.075	-	-	.1025 ¹¹	.915	.2725 ¹¹	.480	1.265	2LP + 8S + 3LP	3-6450860-4
	1.330	.250	-	.1275	1.170	.2725	.5725	1.520	2LP + 8S + 2P	3-6450860-3
	1.800	.250	.250	.220	1.640	.450	.950	1.990	2P + 16S + 2P	3-6450860-2
	2.870	.230	.230	.1525 ¹¹	2.710	.6550 ¹¹	2.2125 ¹¹	3.060	4LP + 60S + 4LP	3-6450860-1
	.975	-	-	.1025 ¹¹	.815	.2725 ¹¹	.380 ¹¹	1.165	2LP + 4S + 3LP	3-6450860-0
	1.950	.250	.250	.170	1.790	.475	1.200	2.140	2P + 24S + 2P	2-6450860-9
	2.550	.250	.250	.170	2.390	.925	1.300	2.740	4P + 12S + 4P	2-6450860-8
	5.635	.250	.250	.170	5.475	.475	1.885 ¹²	5.825	2P + 32S + 4LP + 14P	2-6450860-6 ¹²
	3.570	.250	.230 ⁹	.1525 ⁹	3.410	2.1125 ⁹	2.8375 ⁹	3.760	18LP + 24S + 2P	2-6450860-5
	6.050	.250	.250	.145	5.890	1.950	3.850	6.240	8P + 72S + 8P	2-6450860-1
	1.950	.250	.250	.170	1.790	.475	1.200	2.140	2P + 24S + 2P	2-6450860-0
	3.350	.200	.200	.170	3.190	1.175	1.850	3.540	6HDP + 24S + 6HDP	1-6450860-7
	-	.250	.230 ⁹	.1275 ⁹	2.205	.7325 ⁹	1.4075 ⁹	2.555	6LP + 24S + 3P	1-6450860-6
	2.450	.200	.200	.170	2.290	.775	1.350	2.640	4HDP + 20S + 4HDP	1-6450860-5
	2.150	.200	.200	.170	1.990	.775	1.050	2.340	4HDP + 8S + 4HDP	1-6450860-4
	2.450	- ¹⁰	.250	.170	2.290	.925	1.200	2.640	4P + 8S + 4P	1-6450860-3
	3.450	- ¹⁰	.250	.170	3.290	1.425	1.700	3.640	6P + 8S + 6P	1-6450860-2
	2.800	.300	.250	.170	2.640	.925	1.700	2.990	4P + 28S + 3ACP	1-6450860-0
	2.510	-	-	.170	2.350	.455	1.6875	2.700	1P+2LP+48S+2LP+1P	6450860-9
	2.800	.300	.250	.170	2.640	.925	1.700	2.990	4P + 28S + 3ACP	6450860-7
	2.425	.250	.300	.170	2.265	.500	1.175	2.615	2ACP + 24S + 4P	6450860-6
	3.665		.230	.1025	3.505	.7325	1.4075	3.855	6LP + 24S + 10P	6450860-5
	2.530	- ¹⁰	.250 ⁹	.170 ⁹	2.370	1.175 ⁹	1.9825 ⁹	2.720	5P + 32S + 2LP	6450860-4
	5.545	.230	.250	.195	5.385	2.975	4.2325 ⁸	5.735	12P + 48S + 8LP	6450860-3
	5.200	.200 ⁸	.300	.195	5.040	1.150	2.475 ⁸	5.390	4ACP + 48S + 12HDP	6450860-2
	.985	-	-	.1025 ¹¹	.825	.2725 ¹¹	.505 ¹¹	1.175	2LP + 8S + 2LP	6450860-1
	D	T	S	K	U	W	R	L	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES



MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.002
ANGLES ±.2°
FINISH

-

DWN
D. ZHU

CHK
S. ZHAO

APVD
S. ZHAO

PRODUCT SPEC
108-2292

APPLICATION SPEC
114-13251

WEIGHT
-

CUSTOMER DRAWING

ZODDEC2007

ZODDEC2007

-

NAME
VER RECEP ASSEMBLY
SHORT GUIDES, PRESS FIT
MULTI-BEAM XLE

SIZE
A1

CAGE CODE
100779

DRAWING NO
6450860

RESTRICTED TO
-

SCALE
N/A

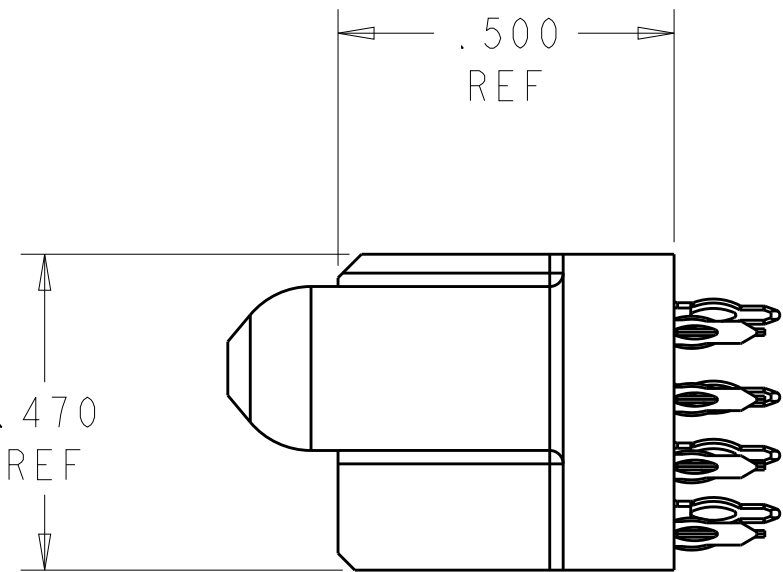
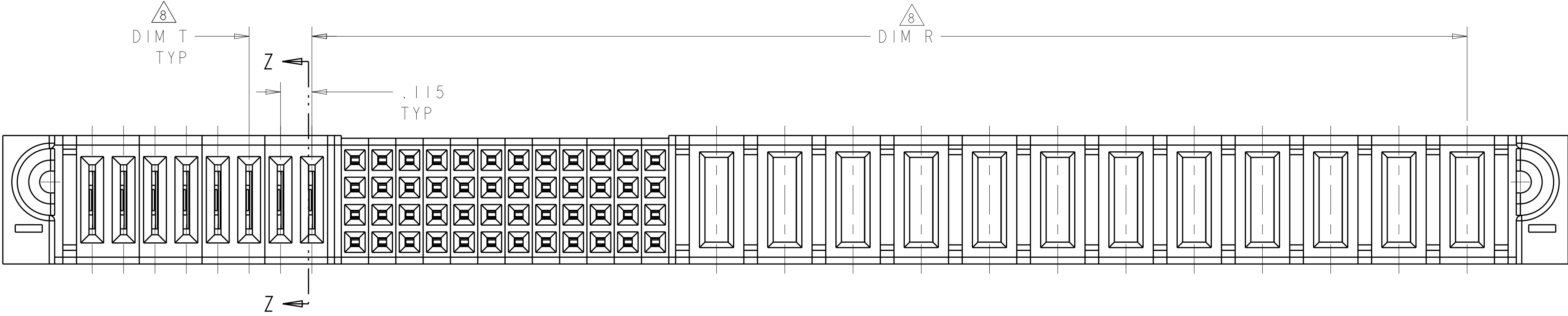
SHEET
2

OF
28

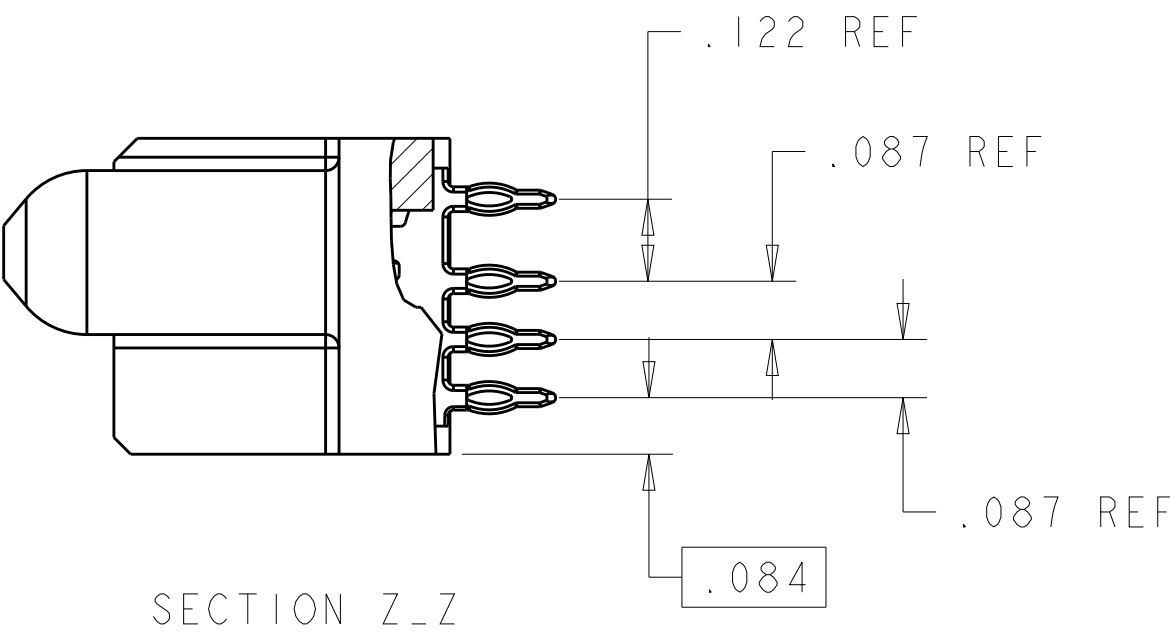
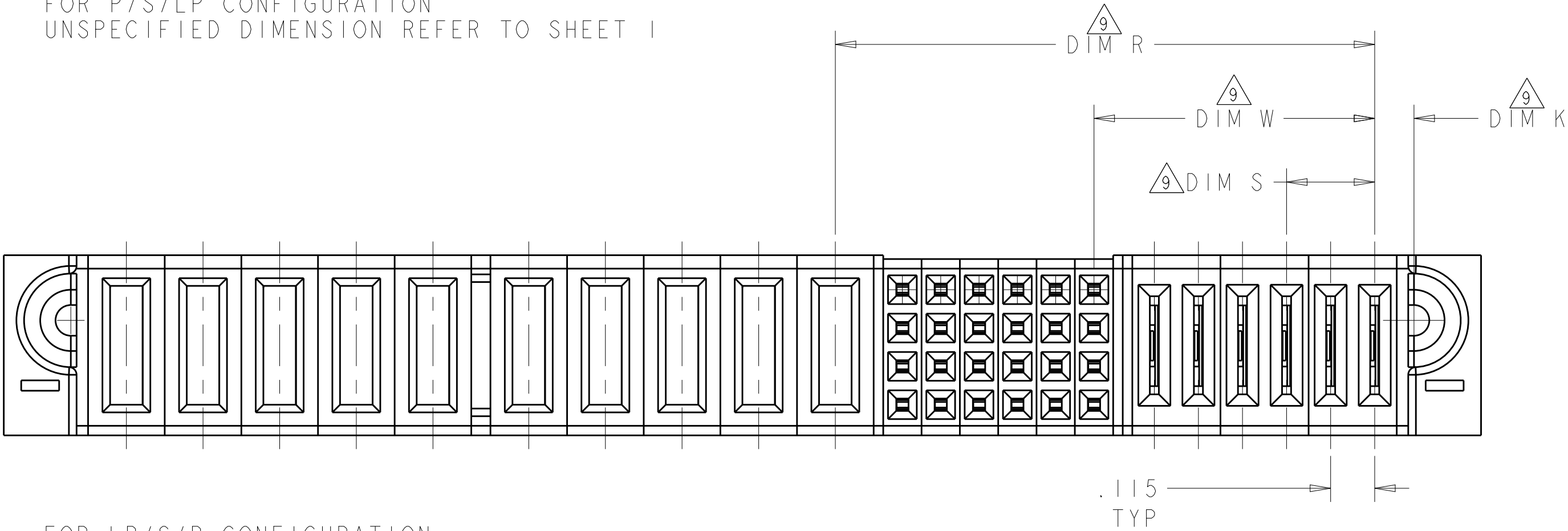
REV
K2

TE Connectivity

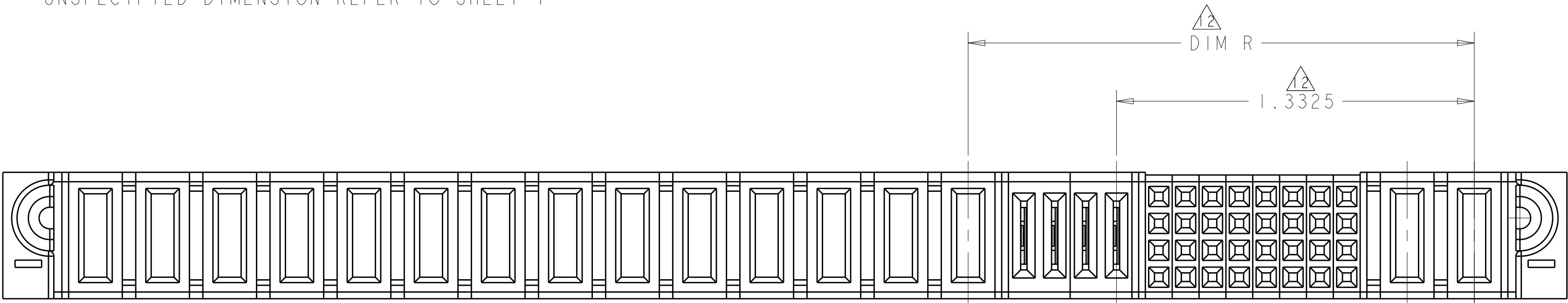
LOC		DIST		REVISIONS			
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



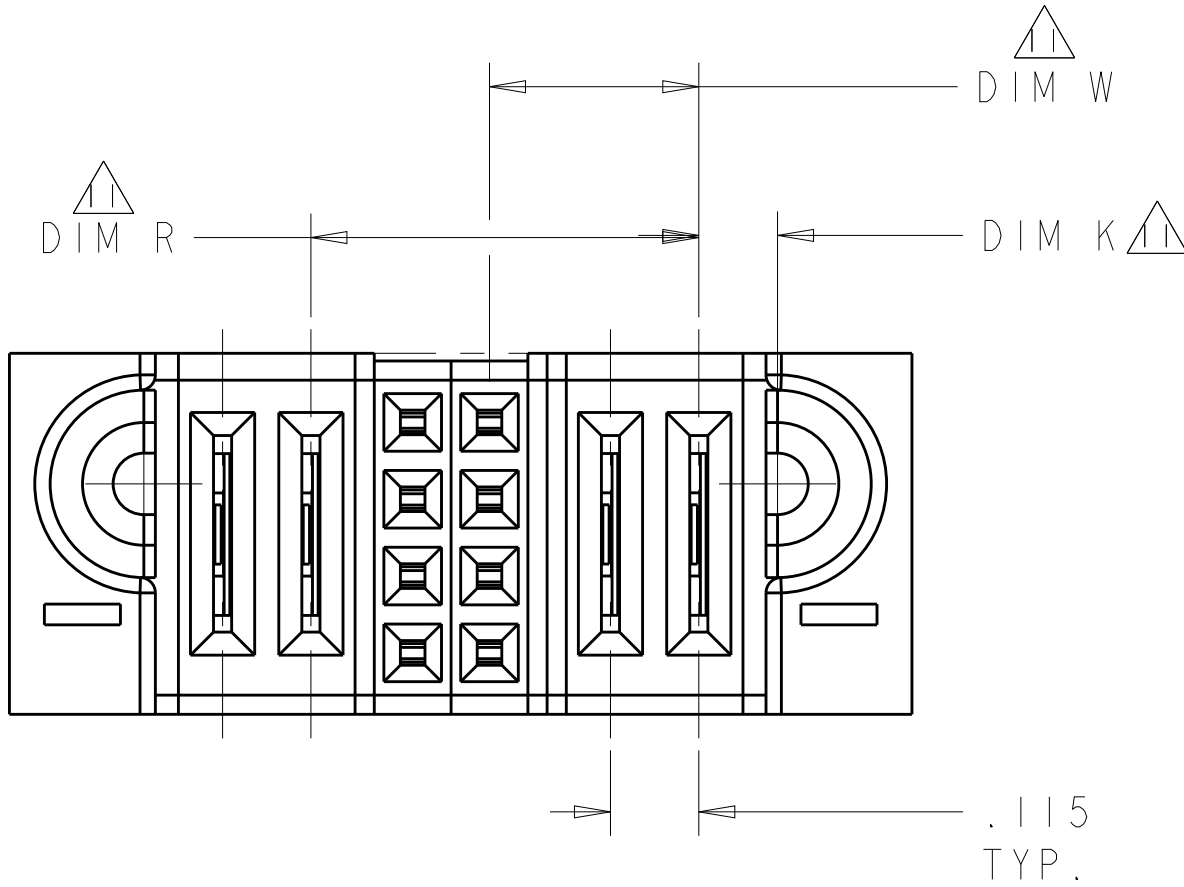
FOR P/S/LP CONFIGURATION
UNSPECIFIED DIMENSION REFER TO SHEET 1



FOR LP/S/P CONFIGURATION
UNSPECIFIED DIMENSION REFER TO SHEET 1



FOR PART 2-6450860-6



FOR LP/S/LP(6450860-1 AND 3-6450860-0) CONFIGURATION
UNSPECIFIED DIM REFER TO SHEET 1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. ZHU	20DEC2007	TE Connectivity			
DIMENSIONS: INCHES		CHK S. ZHAO	20DEC2007				
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
		0 PLC ±"		PRODUCT SPEC			
		1 PLC ±.01		108-2292			
		2 PLC ±.01		APPLICATION SPEC			
MATERIAL		3 PLC ±.0020		114-13251			
		4 PLC ±.0020		WEIGHT			
		ANGLES		CUSTOMER DRAWING			
		FINISH		SCALE N/A			
				SHEET 3 OF 28			
				REV K2			

Technical drawing of a rectangular plate with a grid of holes. The drawing includes the following dimensions and tolerances:

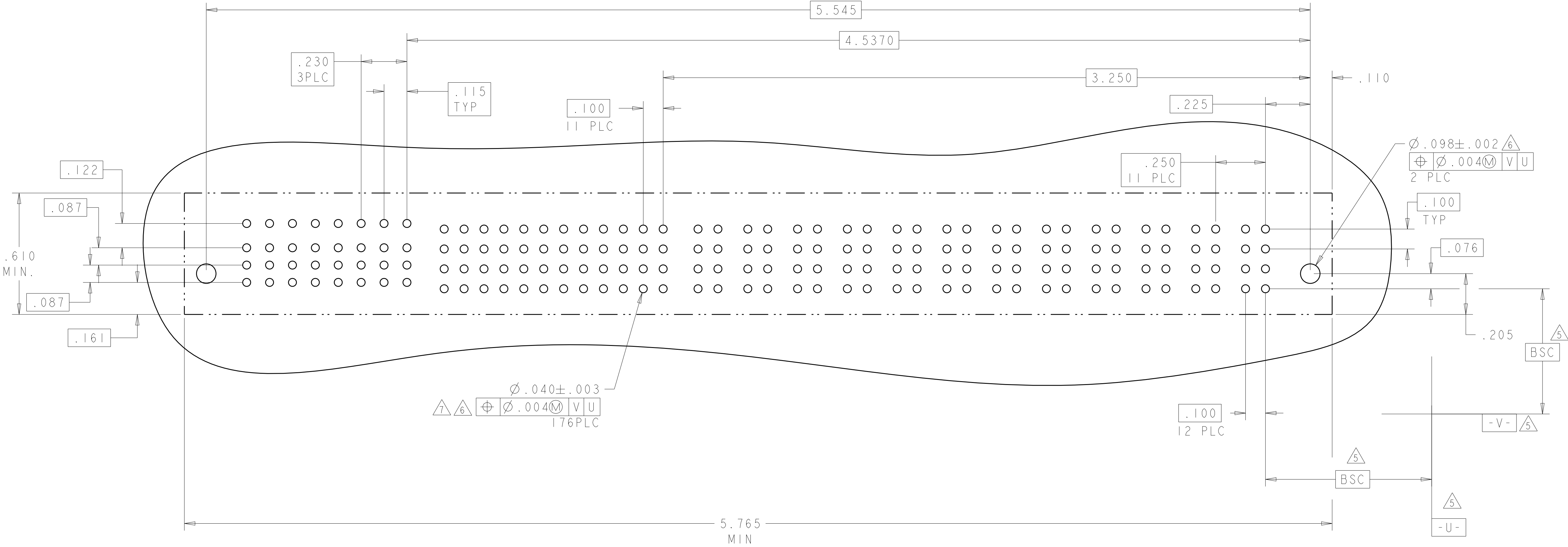
- Overall width: 5.420 MIN
- Overall height: .610 MIN
- Top edge tolerance: $\Delta 6 \text{ } \phi .098 \pm .002$ (2 PLC)
- Bottom edge tolerance: $\Delta 6 \text{ } \Delta 7 \text{ } \phi .040 \pm .003$ (176 PLC)
- Grid dimensions:
 - Horizontal spacing: .200 (11 PLC), .100 (11 PLC), 2.700, 1.425, .300 (3 PLC), .225
 - Vertical spacing: .100 TYP, .100 (12 PLC), .100 (4 PLC)
- Right edge features:
 - Top edge: .110
 - Inner edge: .076
 - Bottom edge: .205
 - Bottom edge tolerance: $\Delta 5 \text{ BSC}$
 - Bottom edge feature: $\Delta 5 \text{ -U-}$

LSI	STD LP POWER PRESS FIT CONTACT
GP	MFB L POWER PRESS FIT CONTACTS
GS	STD POWER PRESS FIT CONTACTS
AP	SIGNAL PRESS FIT CONTACT
CODE	DESCRIPTION
CONTACT TABLE	

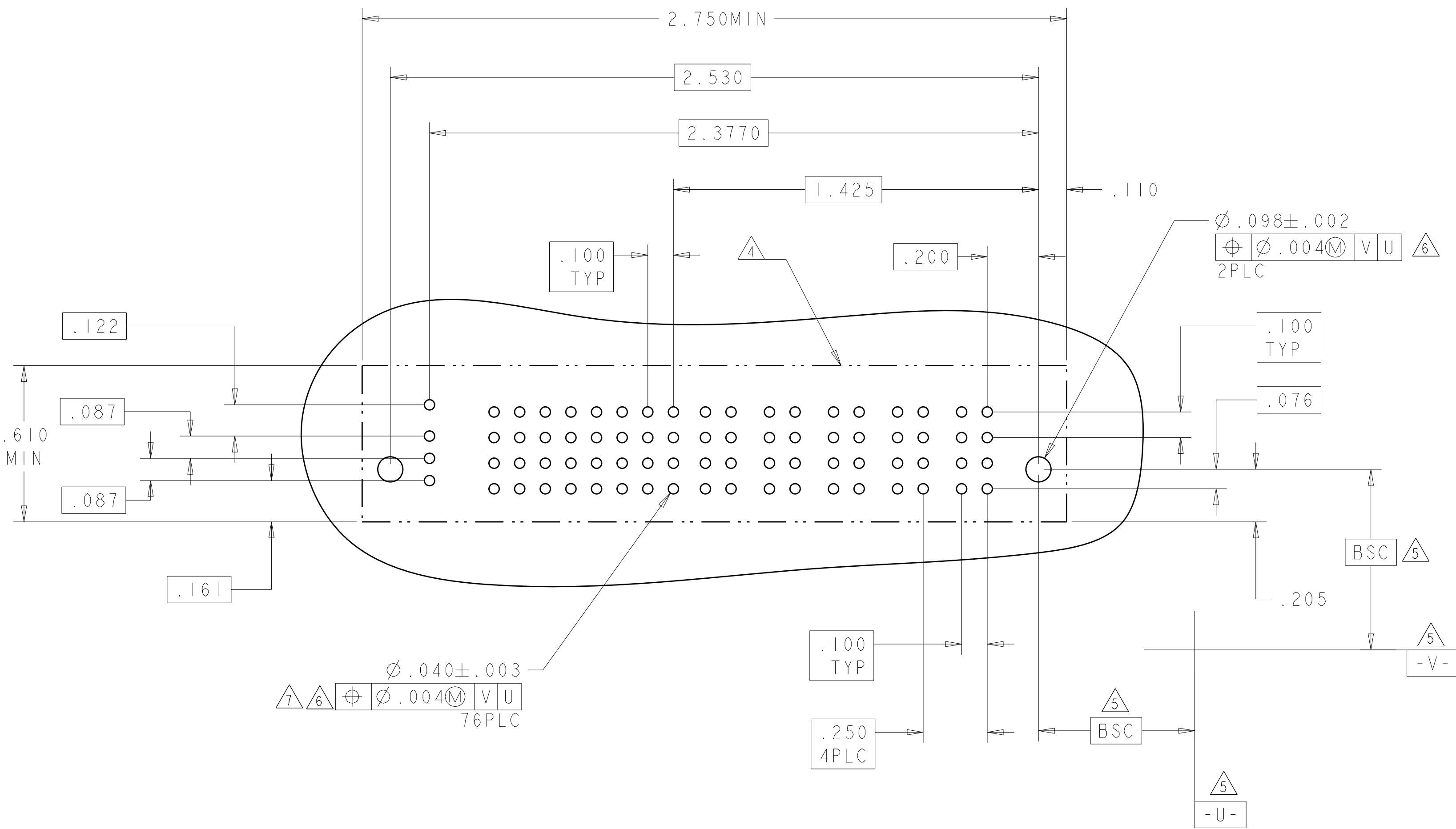
4805 (3/11)

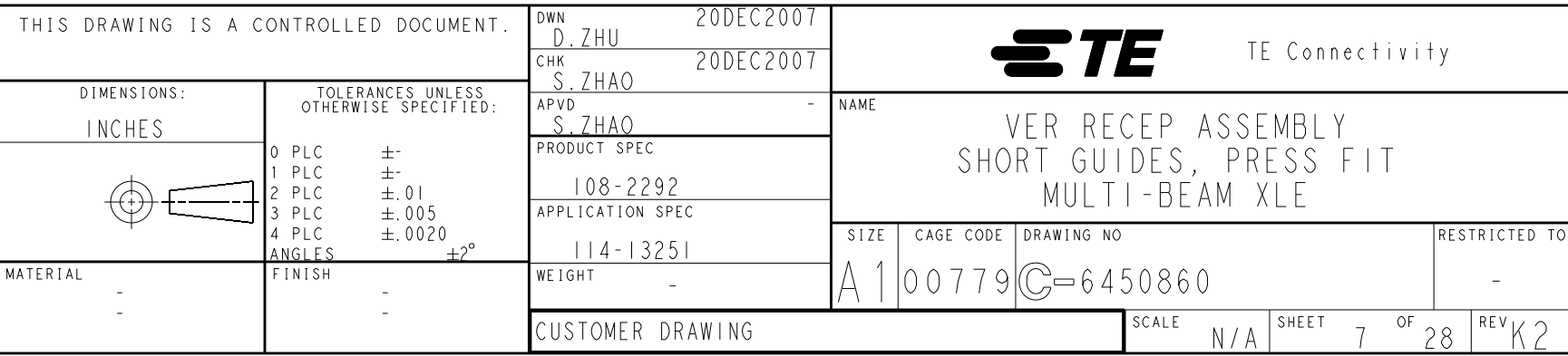
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

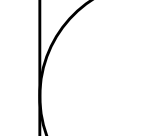
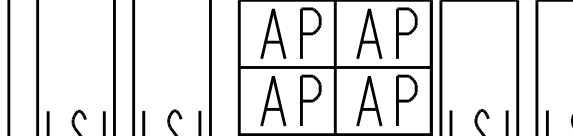
PART NUMBER	ROWS												SIGNAL										POWER																		
			LP8	LP7	LP6	LP5	LP4	LP3	LP2	LP1	I2	I1	I0	9	8	7	6	5	4	3	2	1	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1							
6450860-3	D		LSI	LSI	LSI	LSI	LSI	LSI	LSI	LSI	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS									
	C										AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP													AP	AP	AP	AP	AP	AP	AP	
	B										AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP													AP	AP	AP	AP	AP	AP	AP	AP
	A										AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP													AP	AP	AP	AP	AP	AP	AP	AP
12P + 48S + 8LP																																									

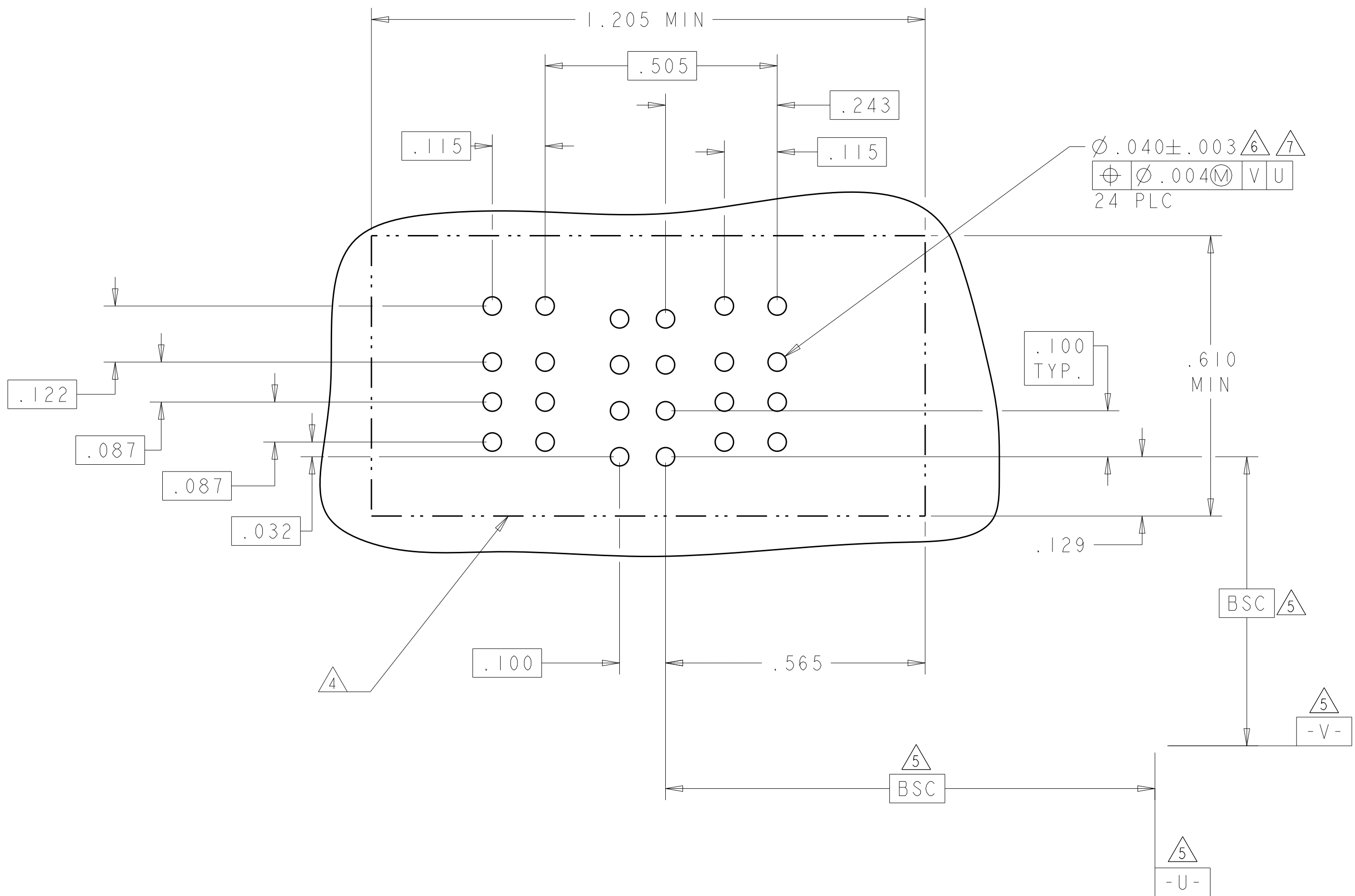


PART NUMBER	ROWS		SIGNAL										POWER							
			LP2	LPI	8	7	6	5	4	3	2	1	P5	P4	P3	P2	P1			
6450860-4	D		LSI		AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GP	GS	GP	GP		
	C				AP	AP	AP	AP	AP	AP	AP	AP	AP							
	B				AP	AP	AP	AP	AP	AP	AP	AP	AP							AP
	A				AP	AP	AP	AP	AP	AP	AP	AP	AP							AP
5P + 32S + 2LP																				

4805 (3/11)

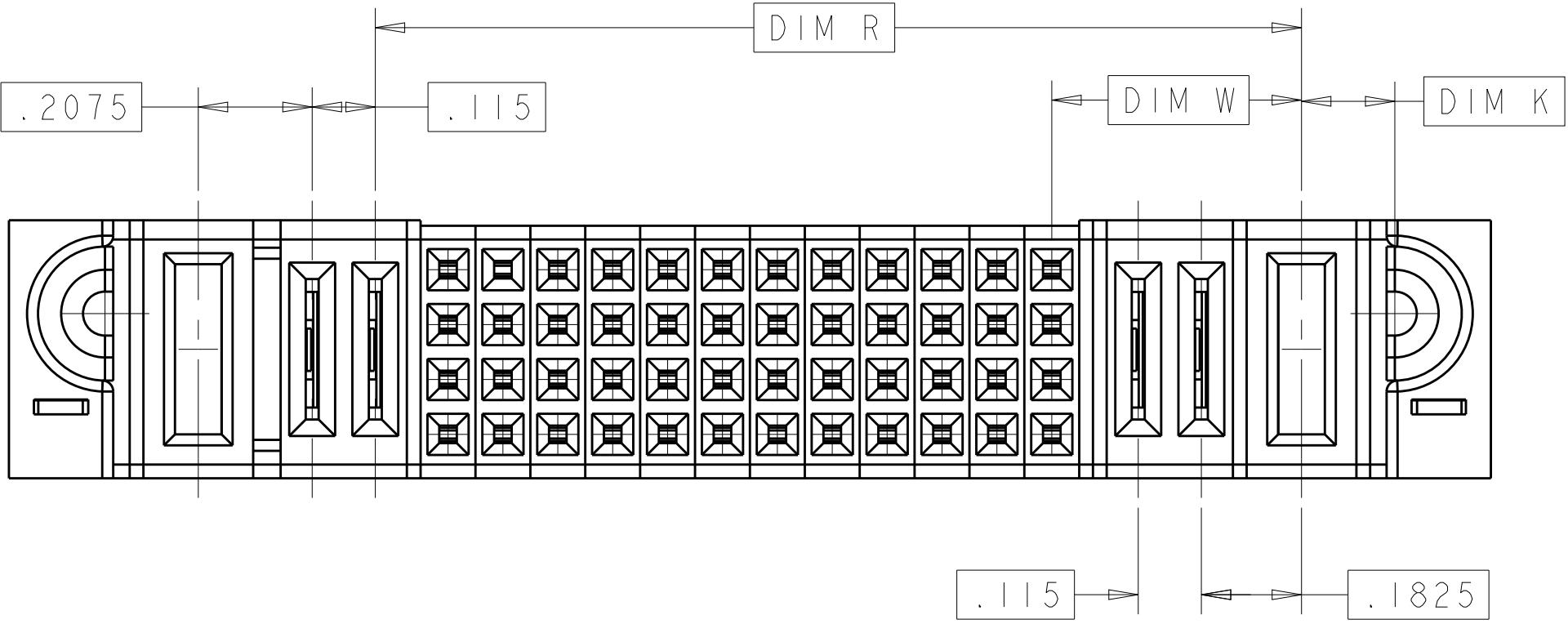
-NO CONTACTS LOADED

PART NUMBER	ROWS		POWER		SIGNAL		POWER		
			P4	P3	2	1	P2	P1	
6450860-1	D C B A								
2LP + 8S + 2LP									

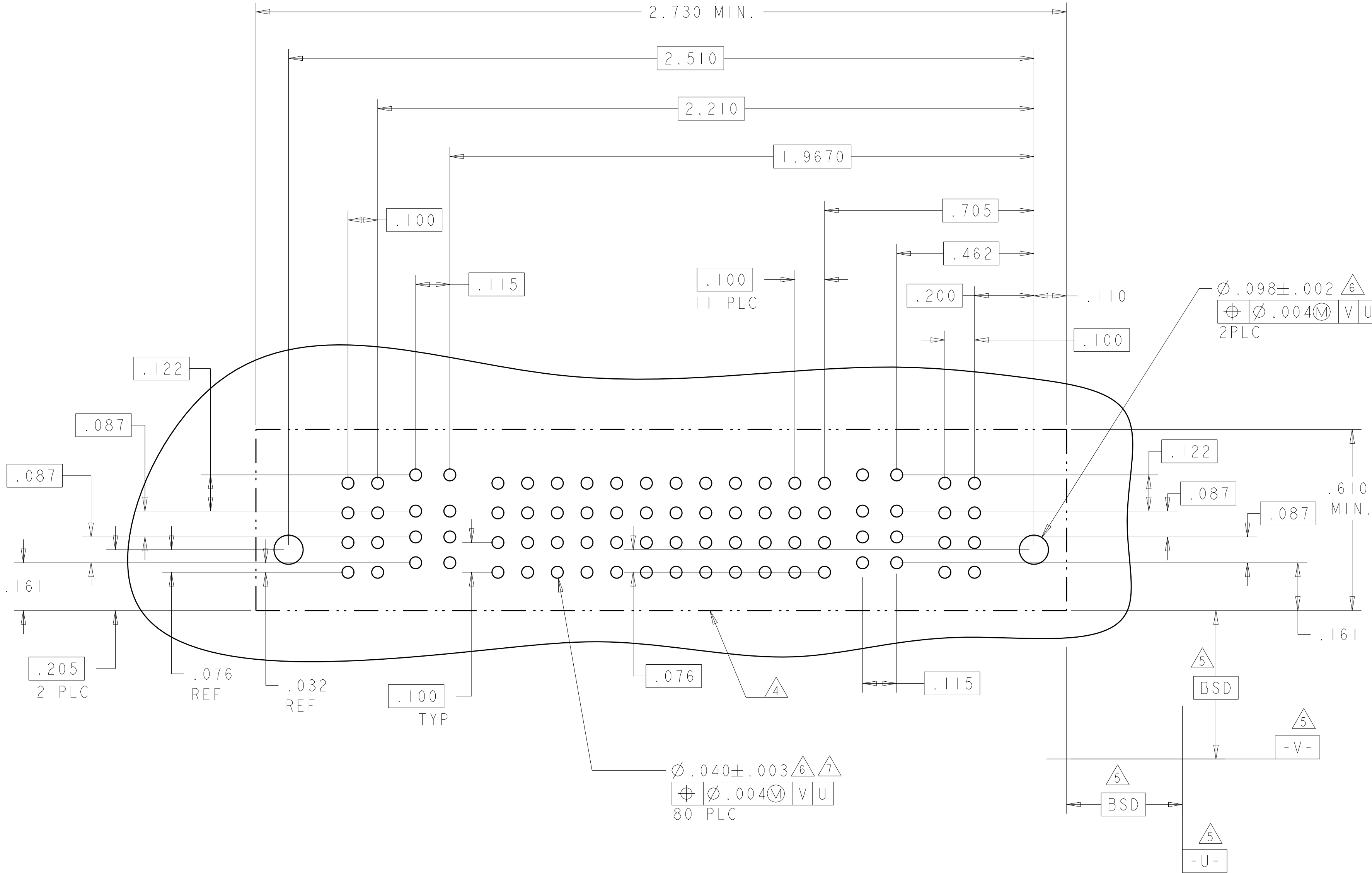
$$2LP + 8S + 2LP$$
4805 (3/11)

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

PART NUMBER	ROWS		POWER			SIGNAL												POWER			
			P2	LP4	LP3	I2	I1	I0	9	8	7	6	5	4	3	2	1	LP2	LPI	PI	
6450860-9	D		GP	LSI	LSI	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	LSI	LSI	GP	
	C					AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP				
	B					AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP				
	A	HD				AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP				
IP + 2LP + 48S + 2LP + IP																					



P/N:6450860-9 CONFIGURATION
UNSPECIFIED DIMENSION REFER TO SHEET 1



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
D.ZHU
CHK
S.ZHAO
APVD
S.ZHAO

20DEC2007
20DEC2007
-

DIMENSIONS:
INCHES

0 PLC ±.01
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

SCALE N/A

SHEET 9 OF 28

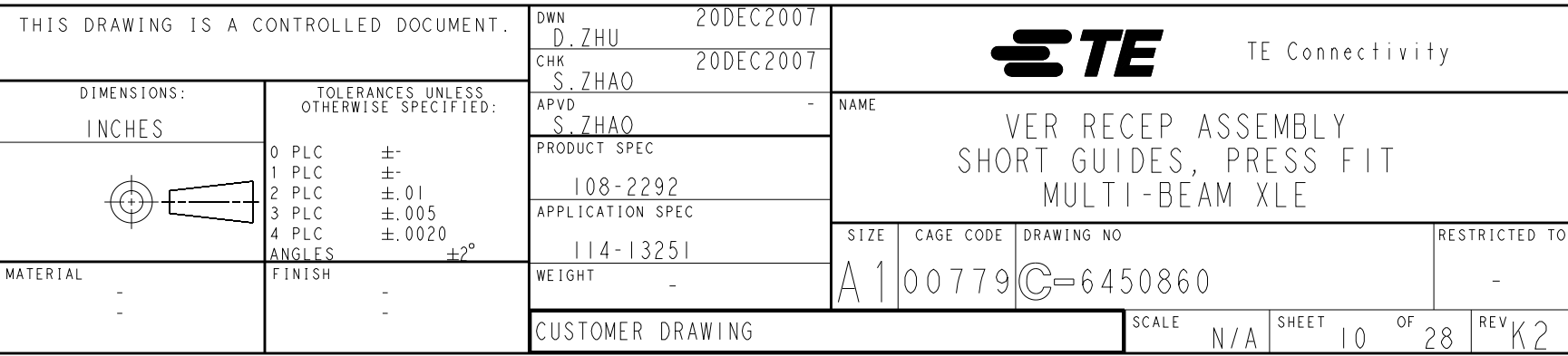
REV K2

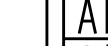
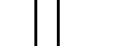
TE Connectivity

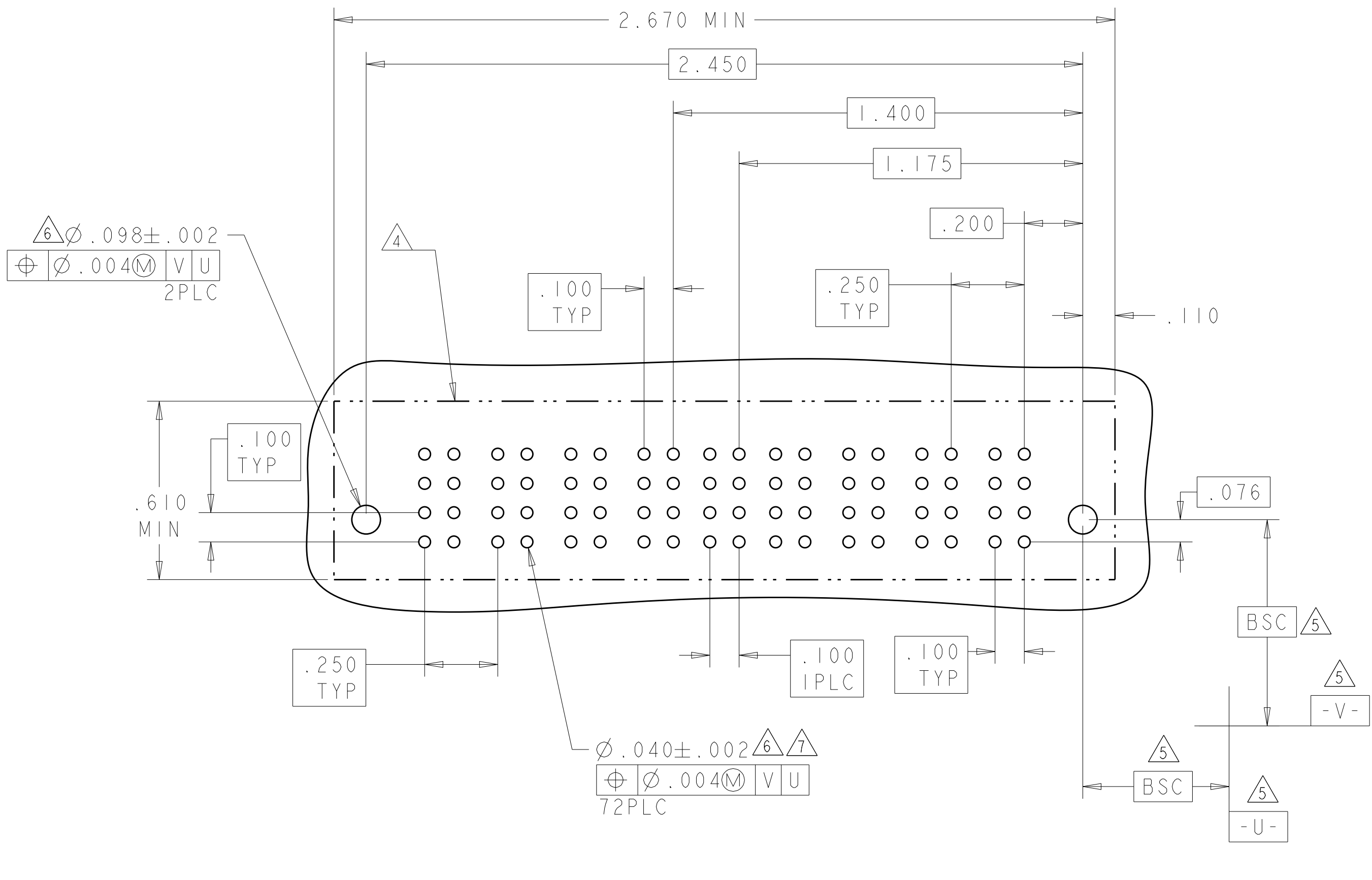
VER RECEP ASSEMBLY
SHORT GUIDES, PRESS FIT
MULTI-BEAM XLE

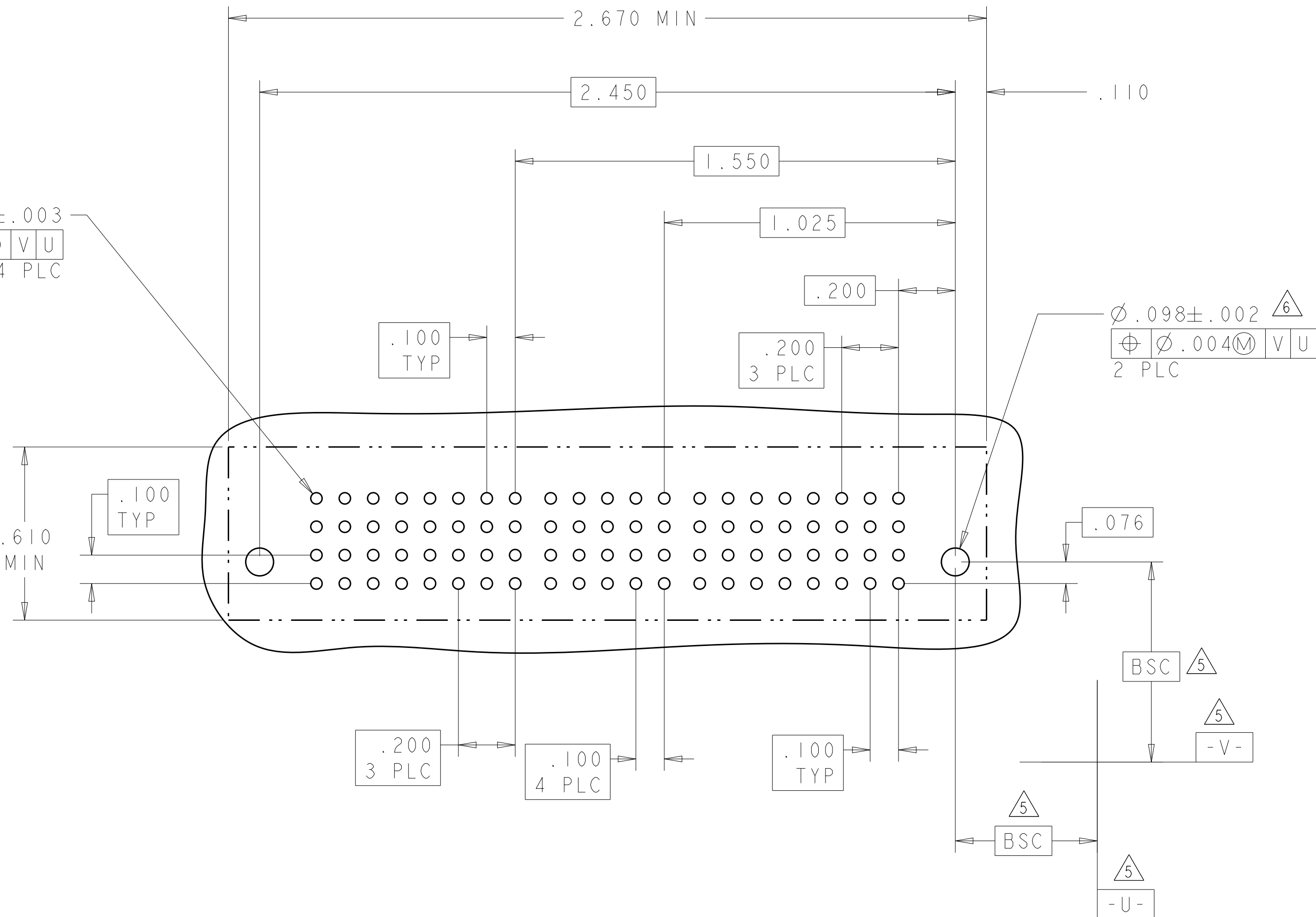
SIZE A1
CAGE CODE 00779
DRAWING NO. C=6450860

RESTRICTED TO -

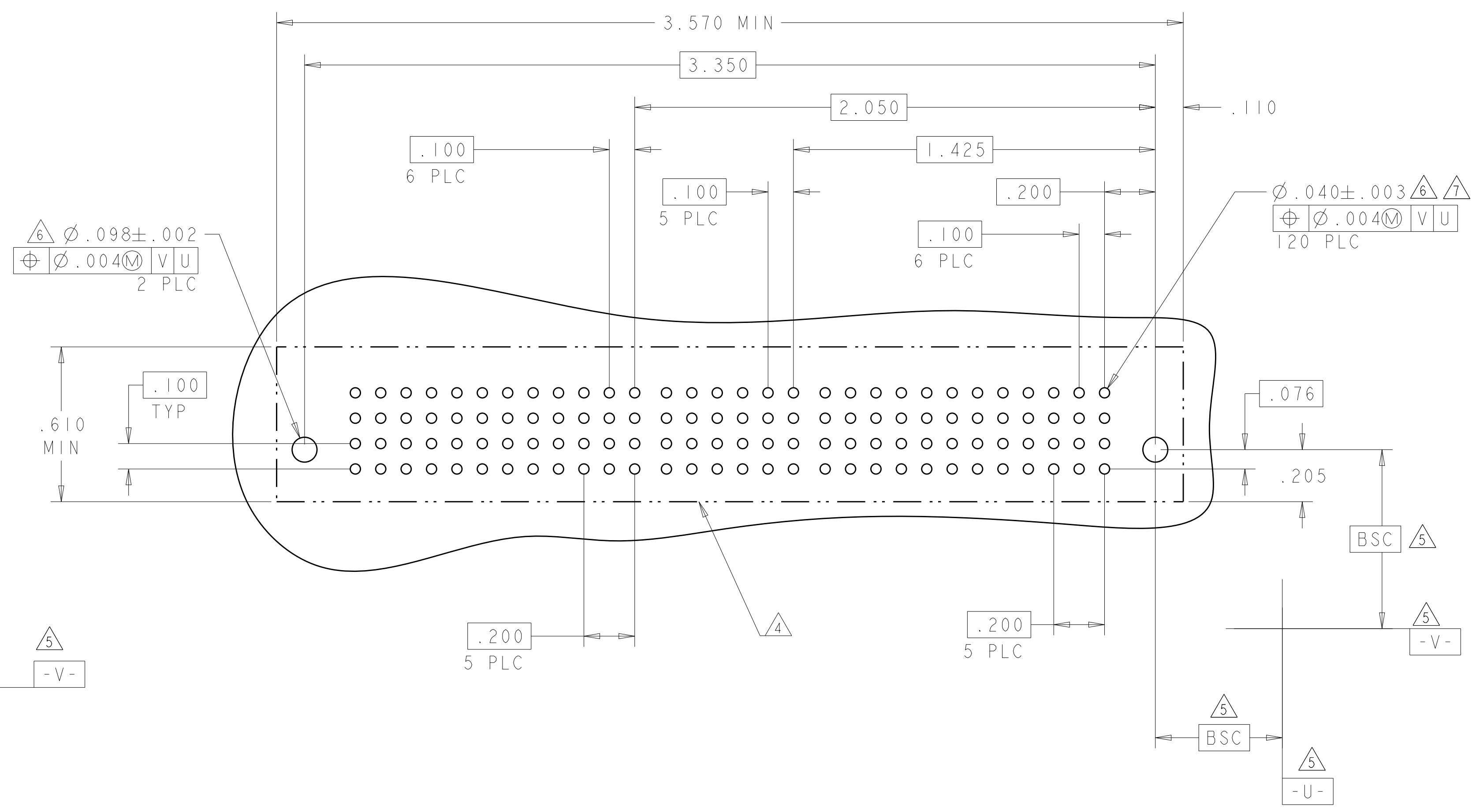
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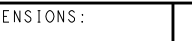
PART NUMBER	ROWS		POWER				SIGNAL		POWER											
			P8	P7	P6	P5	2	1	P4	P3	P2	P1								
I-6450860-3	D C B A					AP	AP													
						GS	GS						GS	GS	AP	AP	GS	GS	GS	GS
						AP	AP						AP	AP	GS	GS	GS	GS		
						AP	AP						GS	GS	GS	GS				
4P + 8S + 4P																				

4805 (3/11)

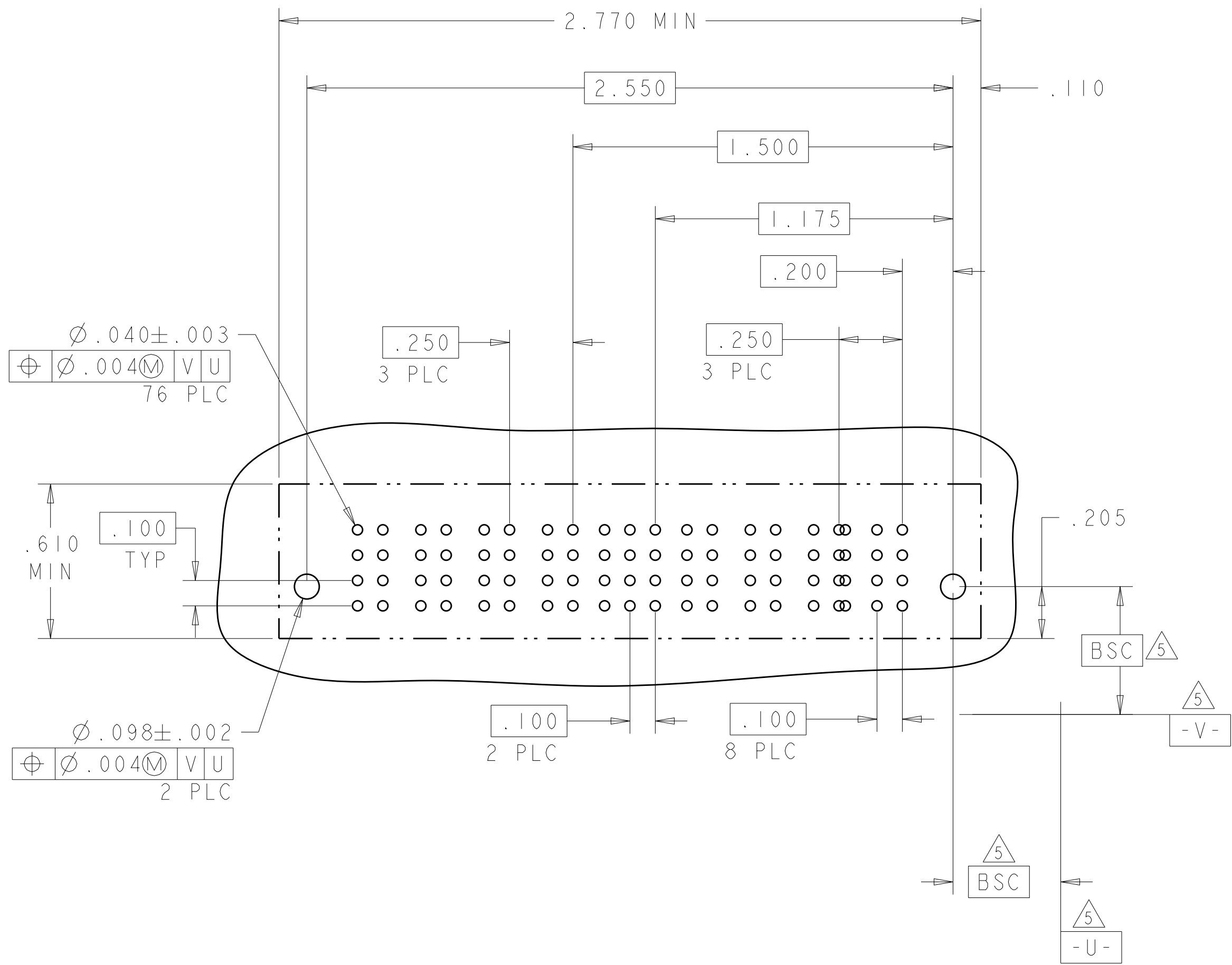
[illegible]4805 (3/11)

PART NUMBER	ROWS		POWER						SIGNAL						POWER						
			P12	P11	P10	P9	P8	P7	6	5	4	3	2	1	P6	P5	P4	P3	P2	P1	
1-6450860-7	D C B A																				
			GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS
			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS
			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS
6HDP + 24S + 6HDP																					



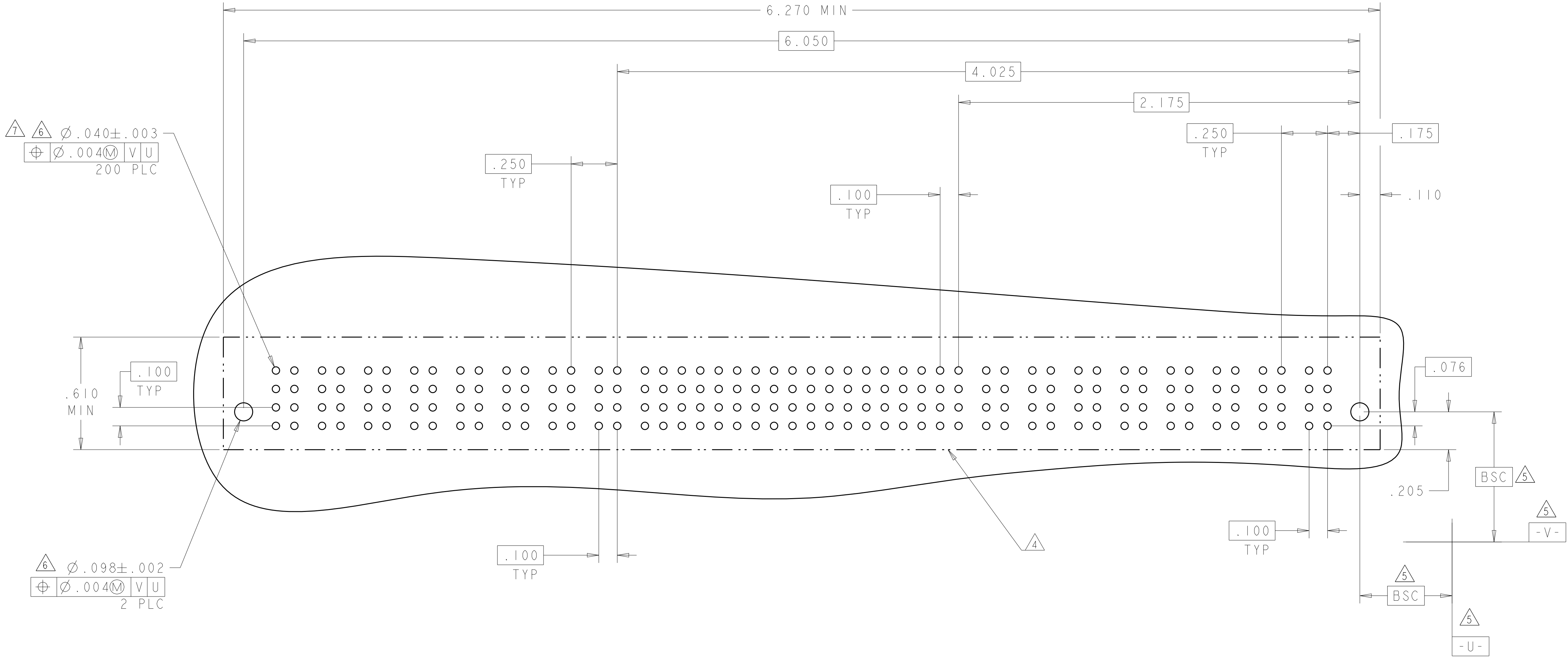
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D_ZHU 20DEC2007		 TE Connectivity	
		CHK S_ZHAO 20DEC2007			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		APD S_ZHAO PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251		VER RECEP ASSEMBLY SHORT GUIDES, PRESS FIT MULTI-BEAM XLE	
0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±°		FINISH		SIZE A1	
MATERIAL		WEIGHT		CAGE CODE 0779	
		CUSTOMER DRAWING		DRAWING NO C6450860	
				RESTRICTED TO - SCALE N/A SHEET 13 OF 28 REV K2	

PART NUMBER	ROWS		POWER				SIGNAL			POWER				
			P8	P7	P6	P5	3	2	1	P4	P3	P2	P1	
2-6450860-8	D		GS	GS	GS	GS	AP	AP	AP	GS	GS	GS	GS	
	C						AP	AP	AP					
	B						AP	AP	AP					
	A						AP	AP	AP					
4P + 12S + 4P														

4805 (3/11)

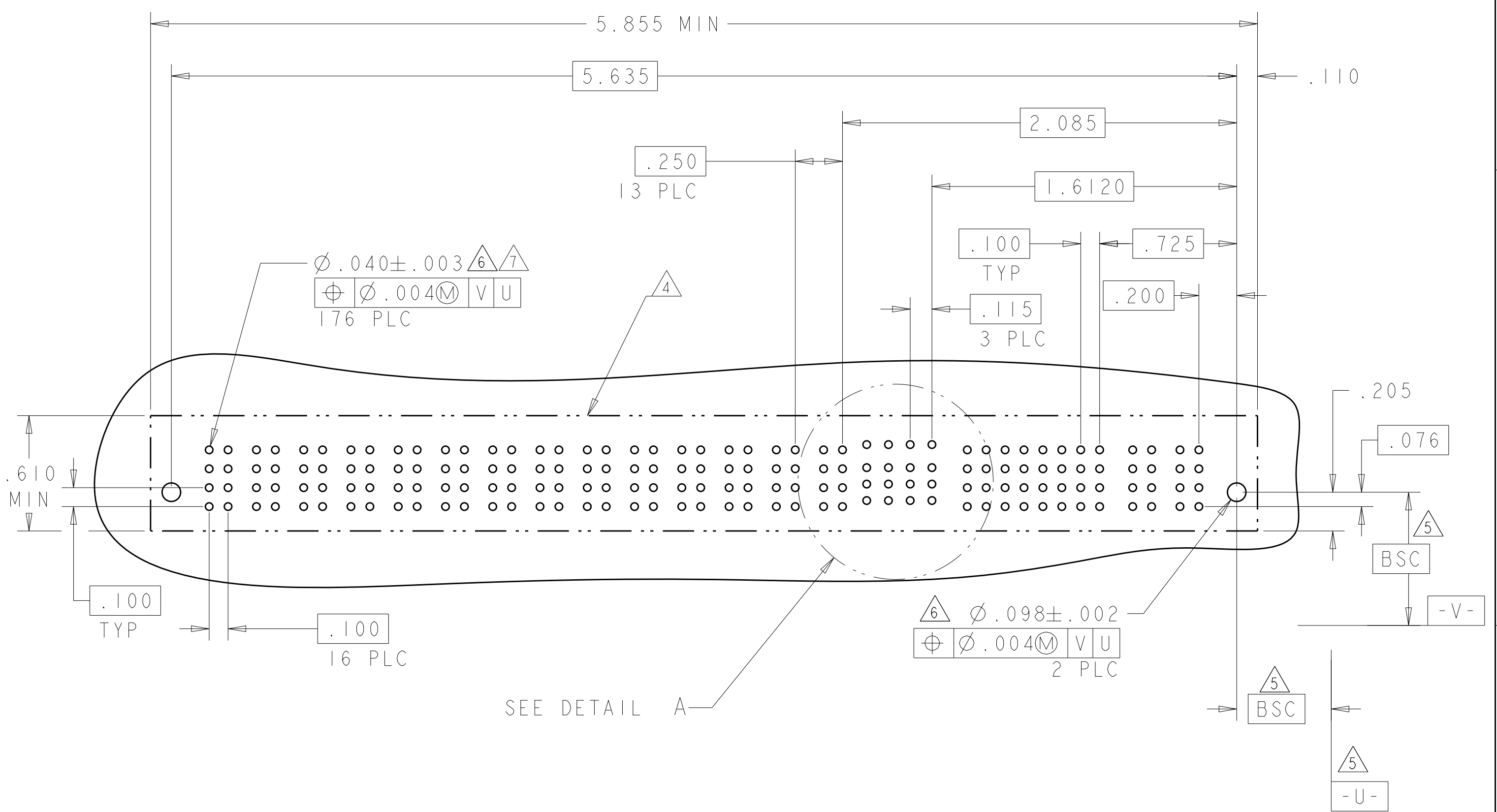
LOC		DIST		REVISIONS				
ES	00	P	LYR	DESCRIPTION	DATE	DWN	APVD	
		-		SEE SHEET 1	-	-	-	

PART NUMBER	ROWS		POWER								SIGNAL																POWER																																																																																																																										
			P16	P15	P14	P13	P12	P11	P10	P9	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3		P2	P1																																																																																																																
2-6450860-1	D C B A																																																																																																																																																				

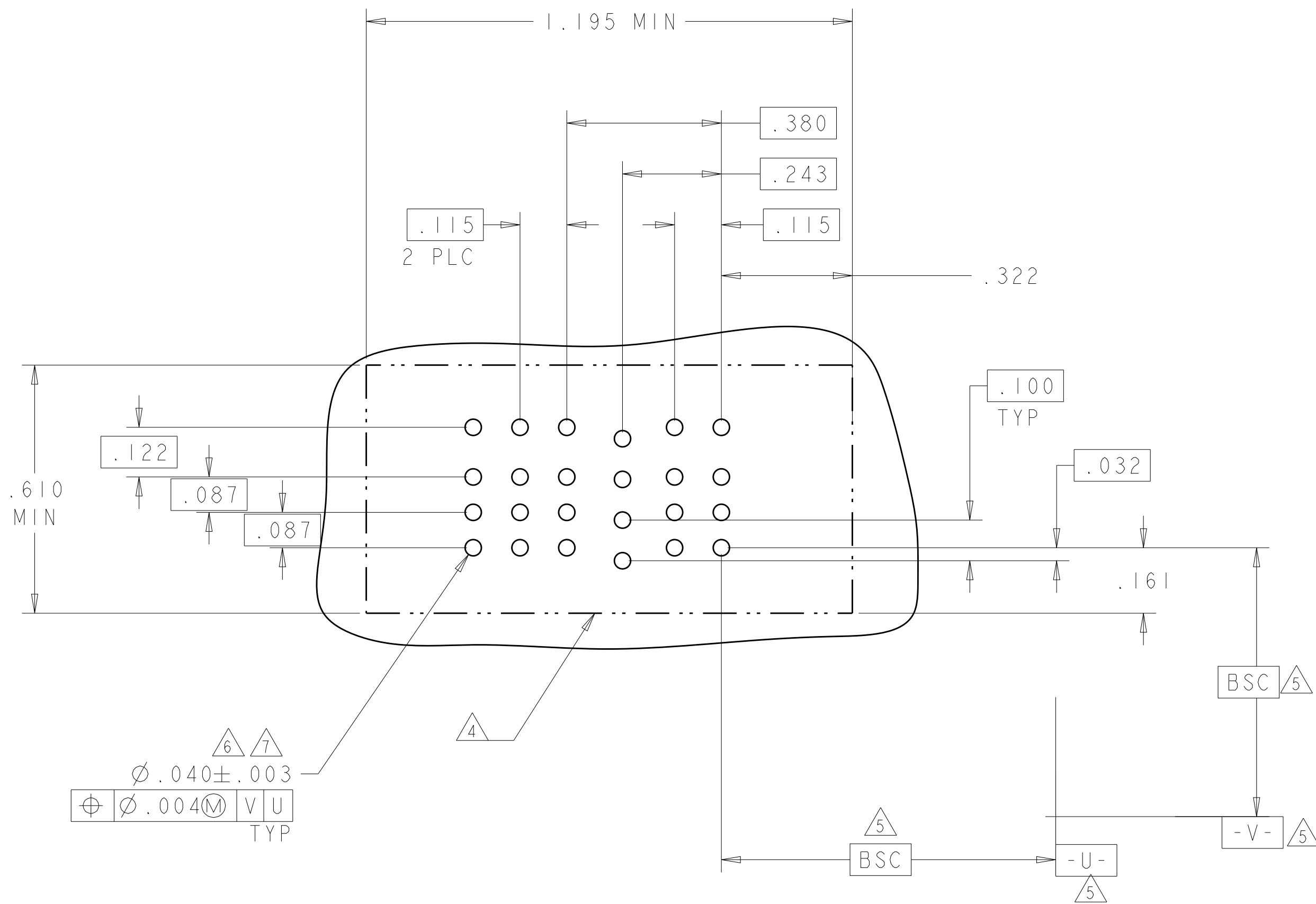


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	D. ZHU	20DEC2007	TE Connectivity	
		CHK	S. ZHAO	20DEC2007		
DIMENSIONS:		APVD	S. ZHAO	-	NAME	
INCHES		PRODUCT SPEC	108-2292			
		APPLICATION SPEC	114-13251		SIZE	
		WEIGHT	-			
MATERIAL		CUSTOMER DRAWING			SCALE	
					N/A	
					SHEET 15 OF 28	
					REV K2	

PART NUMBER	ROWS		POWER																LOW POWER				SIGNAL								POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			P16	P15	P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	LP4	LP3	LP2	LP1	8	7	6	5	4	3	2	1	P2	P1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
2-6450860-6	D		GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	LSI	LSI	LSI	LSI	AP	AP	AP	AP	AP	AP	AP	AP	GS	GS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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	A	HD																		AP	AP	AP	AP	AP	AP	AP	AP			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP

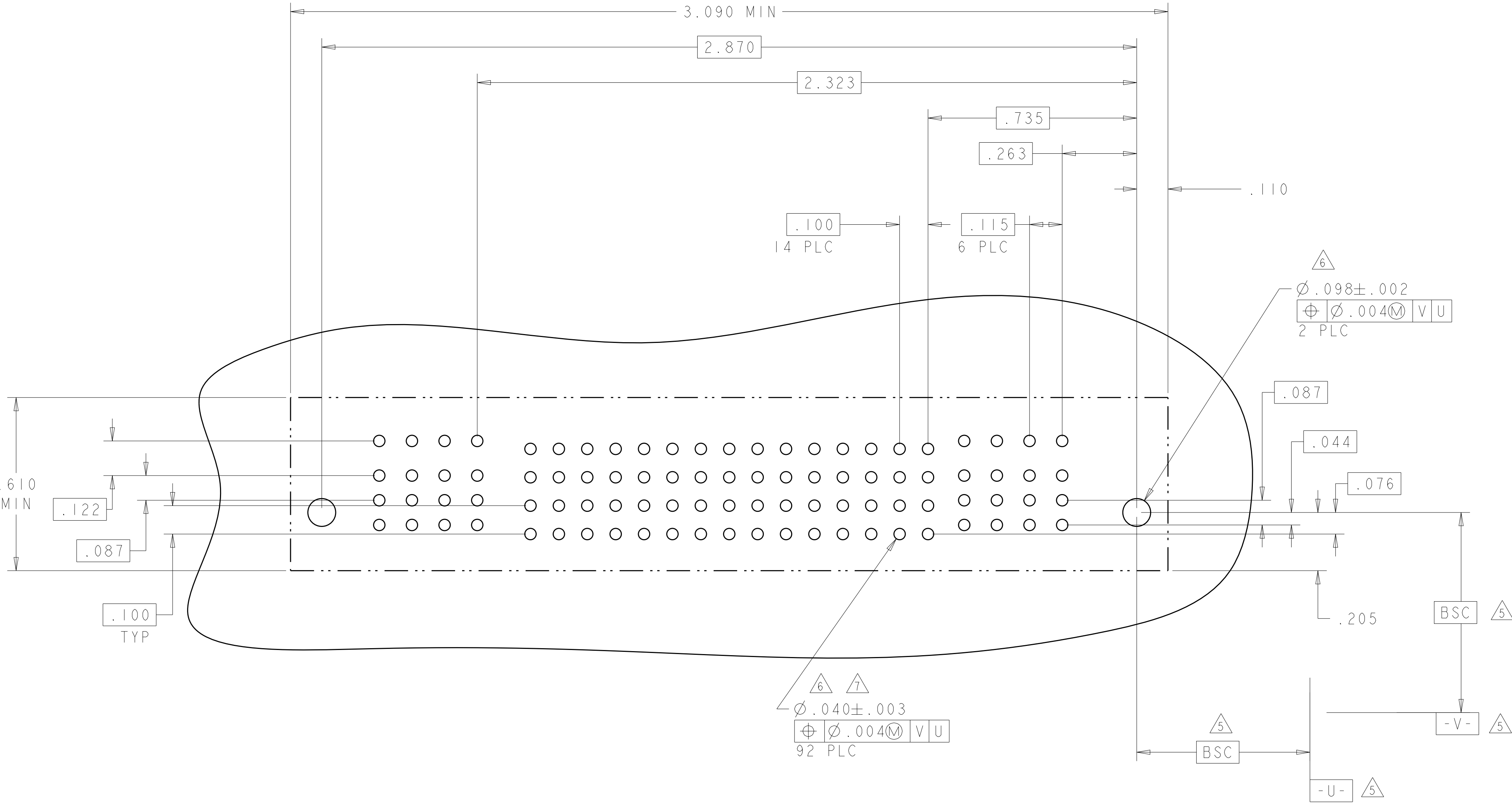
4805 (3/11)

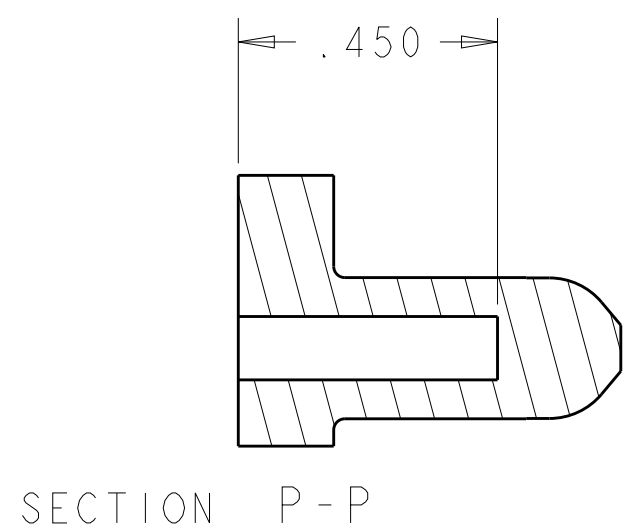
PART NUMBER	ROWS		POWER			SIGNAL	POWER		
			P5	P4	P3	I	P2	P1	
3-6450860-0	D		LSI	LSI	LSI	AP	LSI	LSI	
	C					AP			
	B					AP			
	A					AP			
2LP + 4S + 3LP									

4805 (3/11)

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

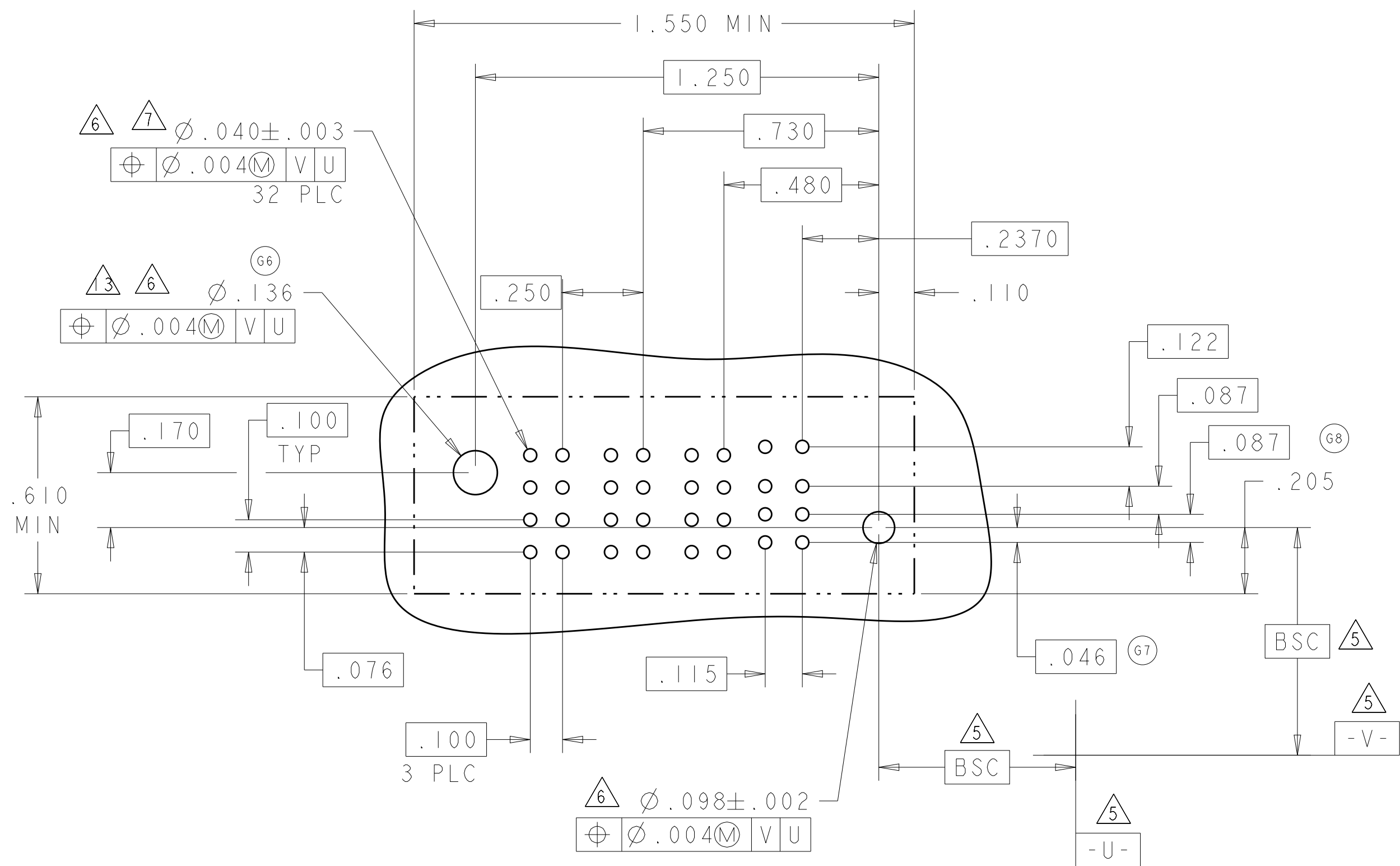
PART NUMBER	ROWS		POWER				SIGNAL																POWER						
			P8	P7	P6	P5	I5	I4	I3	I2	I1	I0	9	8	7	6	5	4	3	2	1	P4	P3	P2	P1				
3-6450860-1	D		LSI	LSI	LSI	LSI	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	LSI	LSI	LSI	LSI			
	C						AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP						AP	AP
	B						AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP						AP	AP
	A	HD					AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP					AP	AP	HD
4LP + 60S + 4LP																													



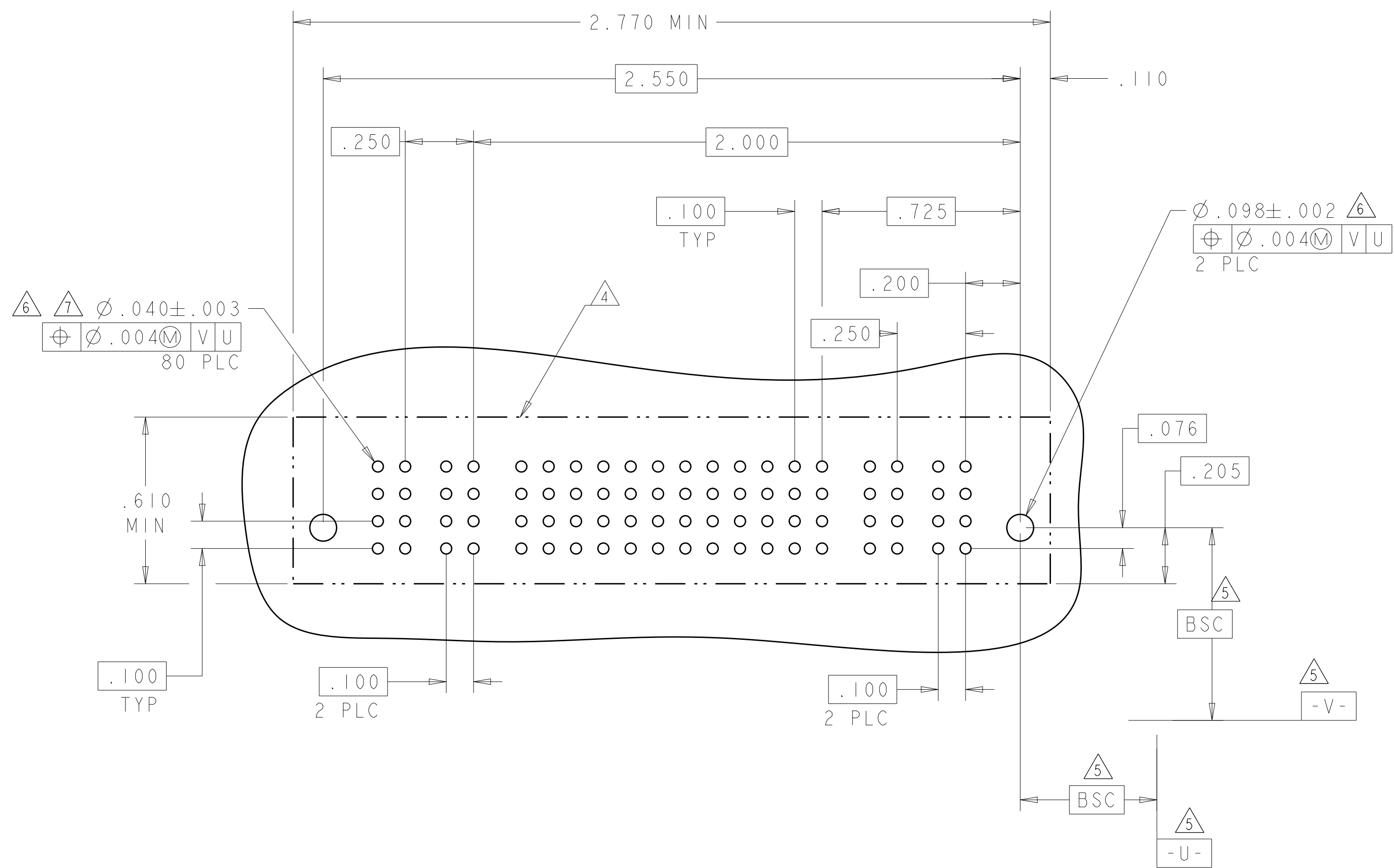


3-6450860-3

PART NUMBER	ROWS		POWER		SIGNAL		POWER										
			P4	P3	2	1	P2	P1									
3-6450860-3	D C B A																
2LP + 8S + 2P			  <table data-bbox="2228 890 2300 915"><tr><td>AP</td><td>AP</td></tr><tr><td>AP</td><td>AP</td></tr><tr><td>AP</td><td>AP</td></tr><tr><td>AP</td><td>AP</td></tr></table>    						AP	AP	AP	AP	AP	AP	AP	AP	
AP	AP																
AP	AP																
AP	AP																
AP	AP																

4805 (3/11)

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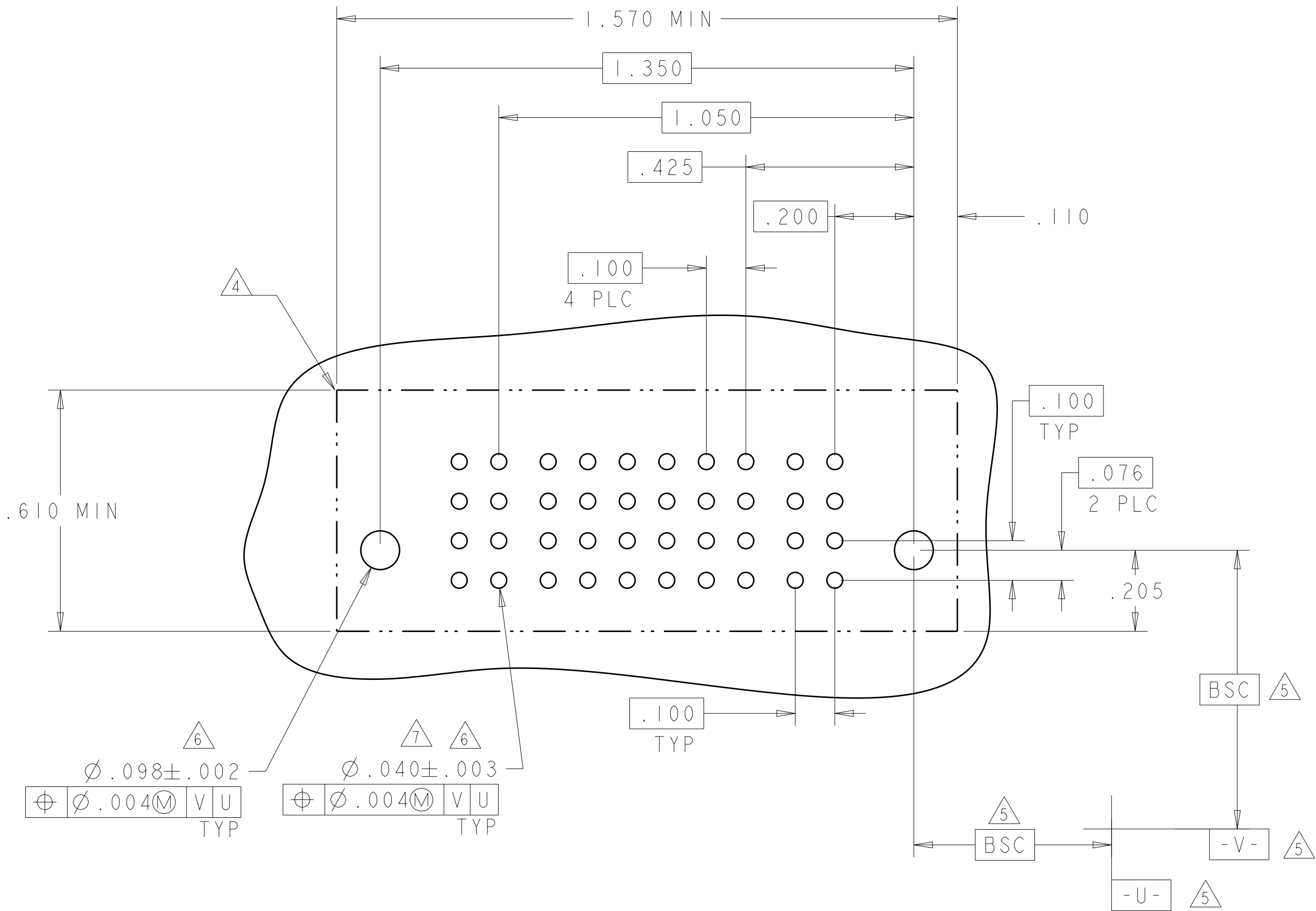
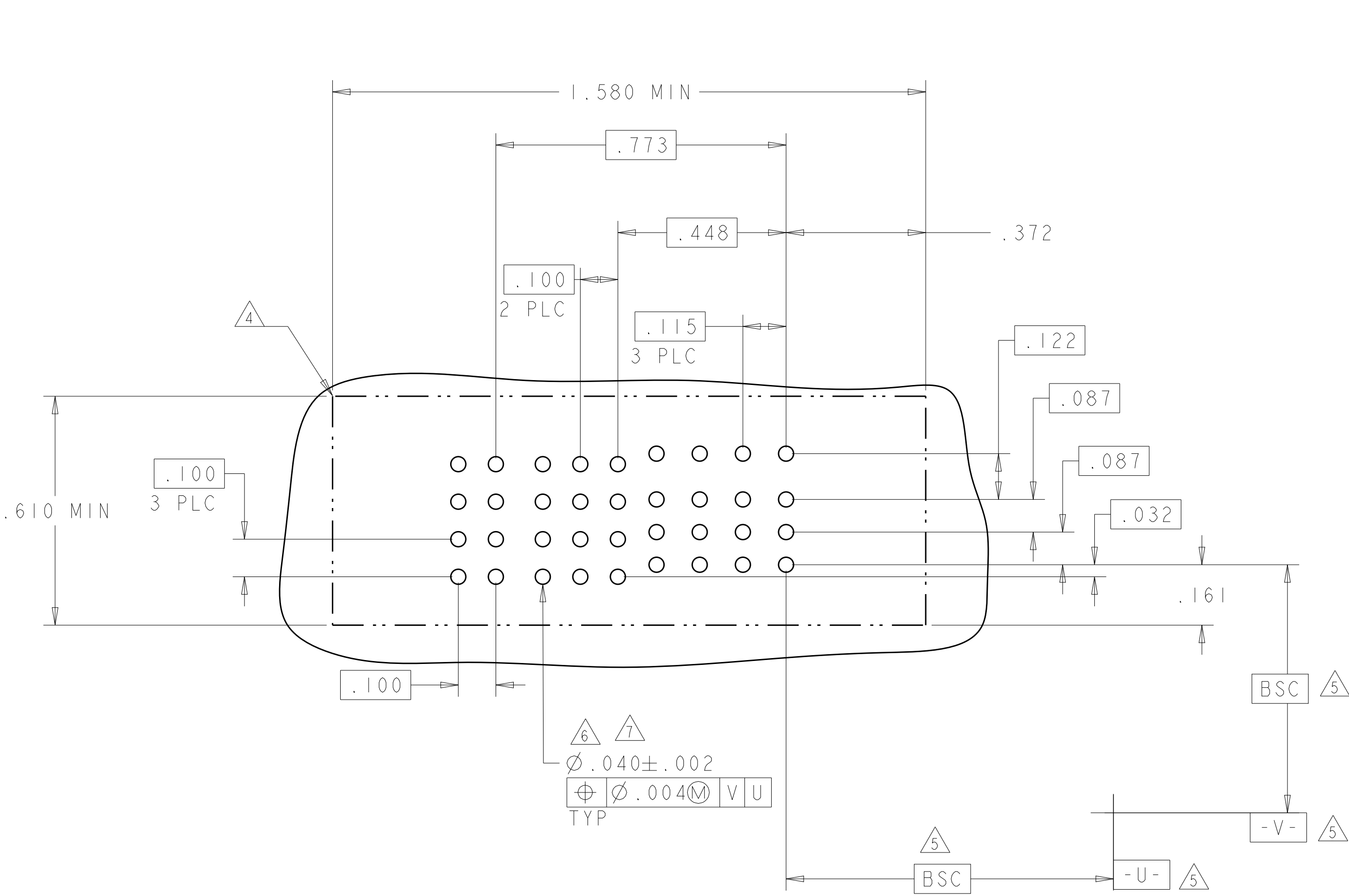
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LOC		DIST		REVISIONS				
P	LYR	DESCRIPTION			DATE	DWN	APVD	
-	-	SEE SHEET 1			-	-	-	

PART NUMBER	ROWS		POWER	SIGNAL			POWER				
			PI	3	2	1	LP4	LP3	LP2	LP1	
3-6450860-9	D C B A		GS	AP	AP	AP	LSI	LSI	LSI	LSI	
				AP	AP	AP					
				AP	AP	AP					
				AP	AP	AP					
				4LP + 12S + 1P							

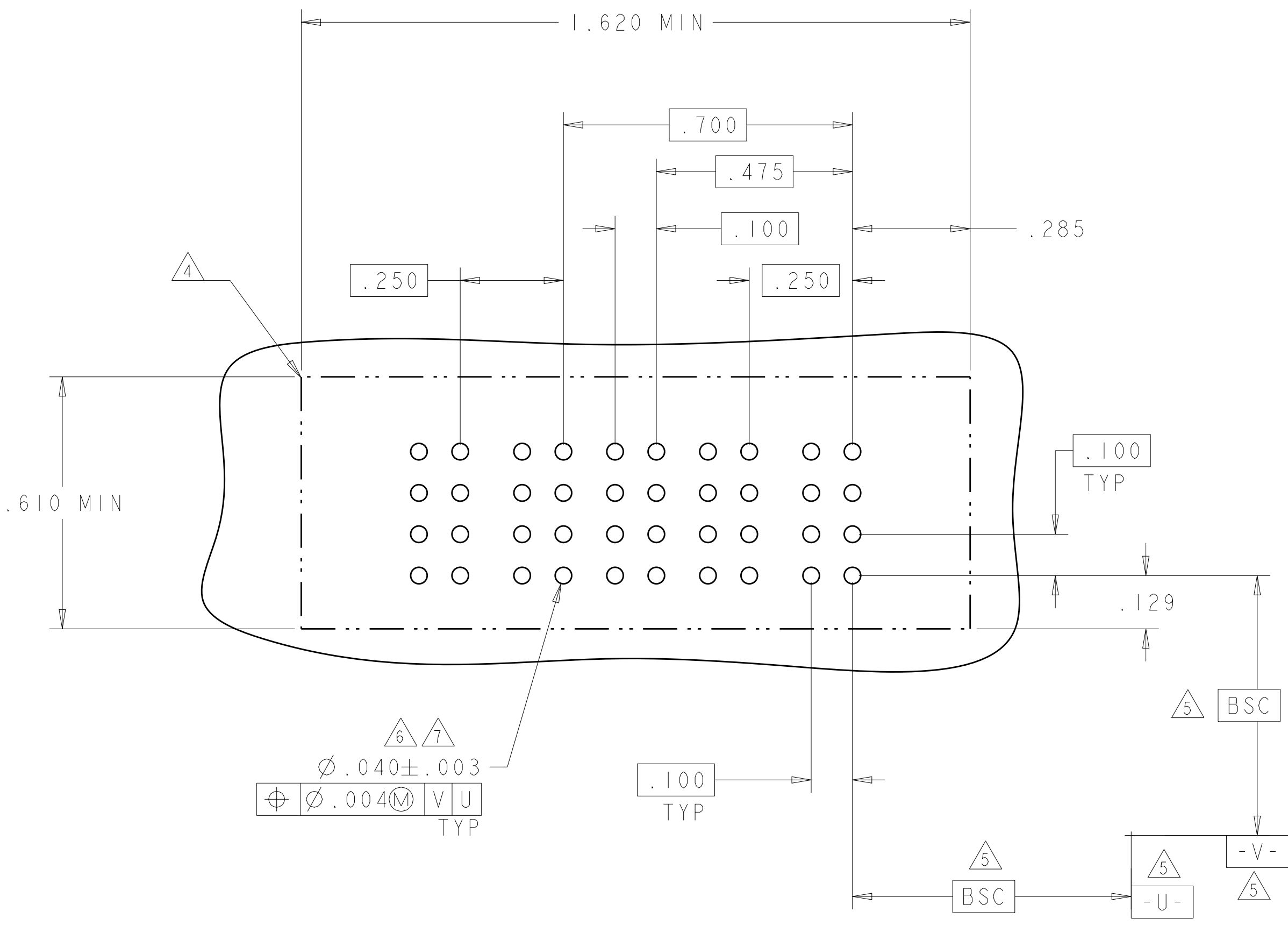
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PART NUMBER	ROWS		POWER	SIGNAL						POWER	
			P2	6	5	4	3	2	1	P1	
4-6450860-0	D C B A		GS	AP	AP	AP	AP	AP	AP	GS	
				AP	AP	AP	AP	AP	AP		
				AP	AP	AP	AP	AP	AP		
				AP	AP	AP	AP	AP	AP		
				AP	AP	AP	AP	AP	AP		
IP + 24S + IP											

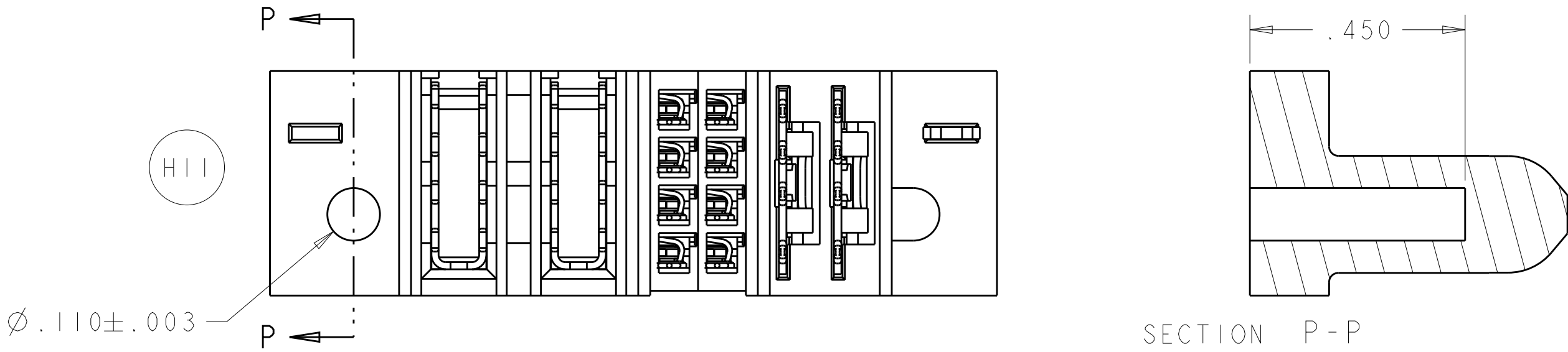


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. ZHU	20DEC2007		
		CHK S. ZHAO	20DEC2007		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.01		PRODUCT SPEC	
		1 PLC ±.01		108-2292	
MATERIAL		2 PLC ±.01		APPLICATION SPEC	
		3 PLC ±.005		114-13251	
		4 PLC ±.002		WEIGHT	
		ANGLES ±.2°		CUSTOMER DRAWING	
		FINISH		SCALE N/A	
				SHEET 22 OF 28	
				REV K2	

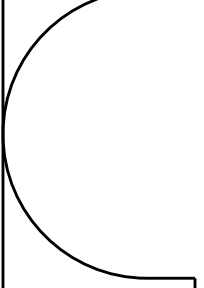
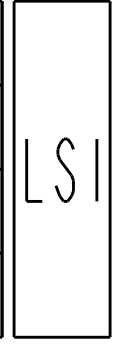
PART NUMBER	ROWS		POWER		SIGNAL		POWER		
			P4	P3	2	1	P2	P1	
4-6450860-3	D C B A								
2P + 8S + 2P									

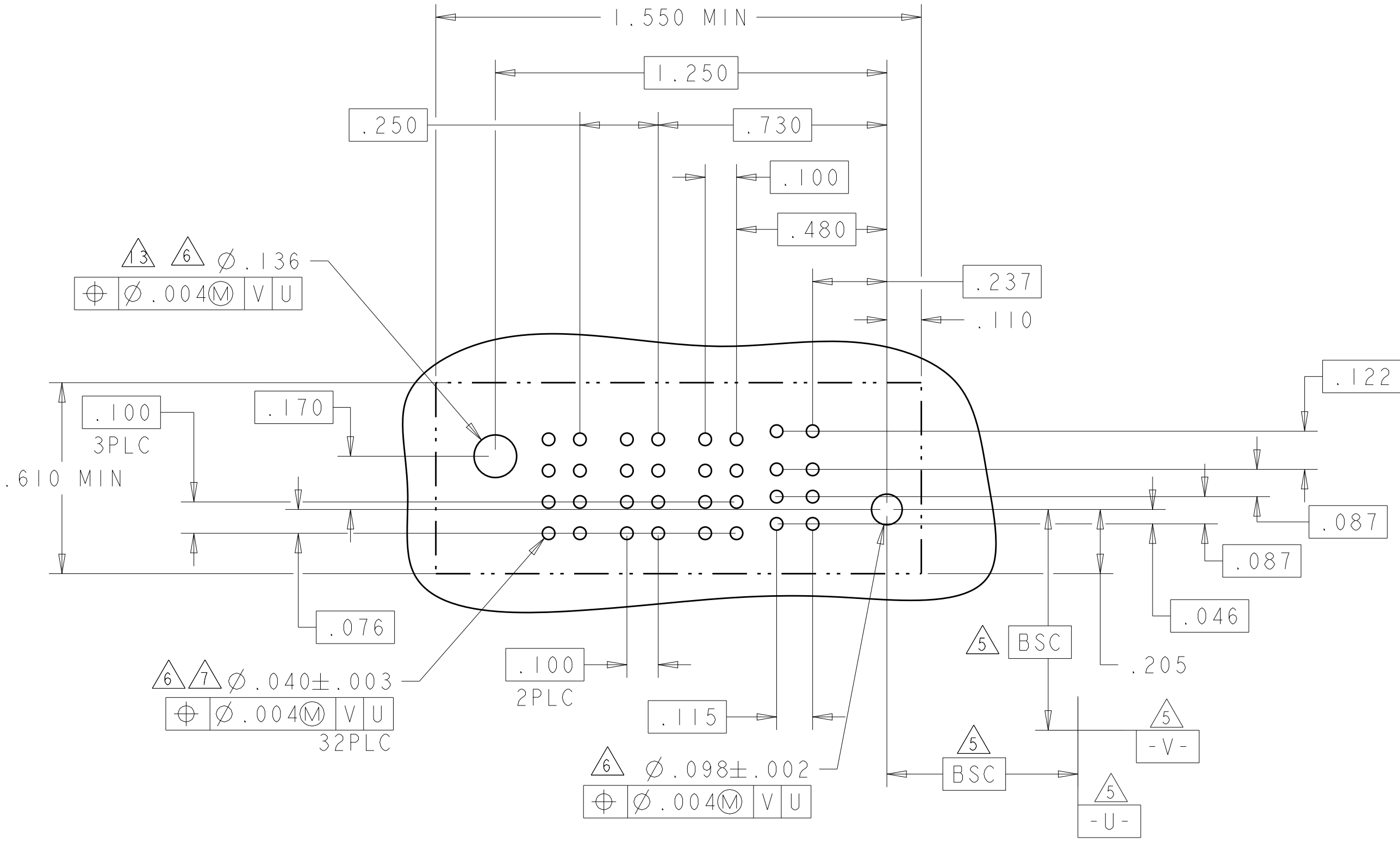
4805 (3/11)

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



4-6450860-2

PART NUMBER	ROWS		POWER		SIGNAL		POWER		
			P4	P3	2	1	P2	P1	
4-6450860-2	D				AP	AP			
	C				AP	AP			
	B				AP	AP			
	A				AP	AP			
2LP + 8S + 2P									



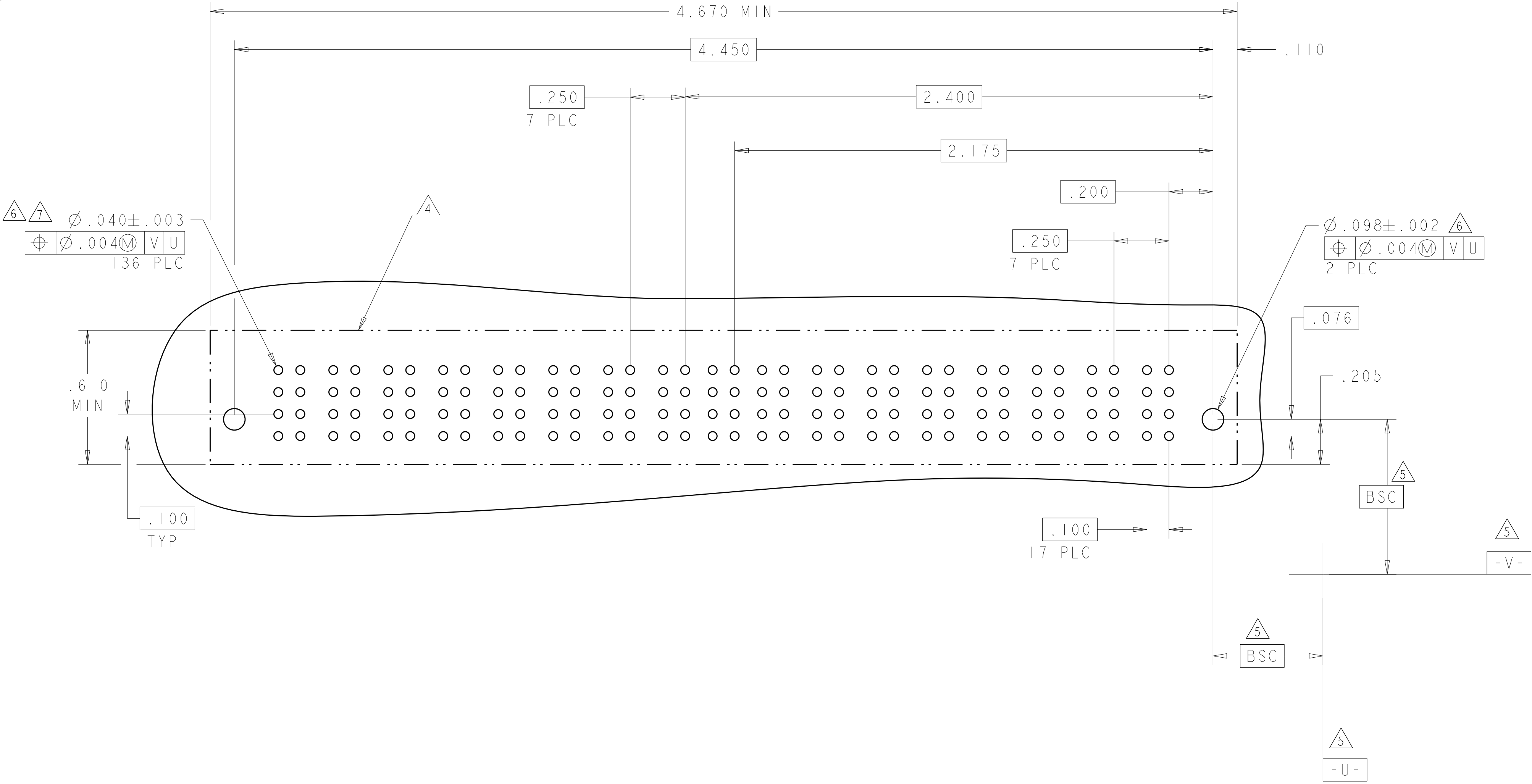
RECOMMENDED PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. ZHU	20DEC2007	 TE Connectivity	
		CHK S. ZHAO	20DEC2007		
DIMENSIONS: INCHES		APVD S. ZHAO	-	NAME	VER RECEP ASSEMBLY SHORT GUIDES, PRESS FIT MULTI-BEAM XLE
		PRODUCT SPEC			
		108-2292			
		APPLICATION SPEC			
		114-13251		SIZE	
		WEIGHT		CAGE CODE	
		CUSTOMER DRAWING		DRAWING NO	RESTRICTED TO
				A100779	-
				C=6450860	
				SCALE	
				N/A	
				SHEET	
				24	
				OF	
				28	
				REV	
				K2	

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

PART NUMBER	ROWS		POWER								SIGNAL		POWER																																																																																																																																																																																																																																																																																																																																																												
			P16	P15	P14	P13	P12	P11	P10	P9	2	1	P8	P7	P6	P5	P4	P3	P2	P1																																																																																																																																																																																																																																																																																																																																																					
4-6450860-4	D C B A																																																																																																																																																																																																																																																																																																																																																																								

J2



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
D. ZHU
CHK
S. ZHAO
APVD
S. ZHAO

20DEC2007
20DEC2007
-

DIMENSIONS:
INCHES

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

MATERIAL
-

CUSTOMER DRAWING

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

SIZE
A100779

CAGE CODE
C=6450860

DRAWING NO
-

RESTRICTED TO
-

TE Connectivity

VER RECEP ASSEMBLY
SHORT GUIDES, PRESS FIT
MULTI-BEAM XLE

SCALE
N/A

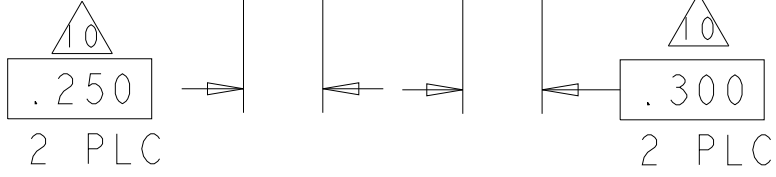
SHEET
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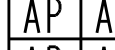
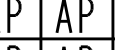
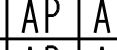
OF
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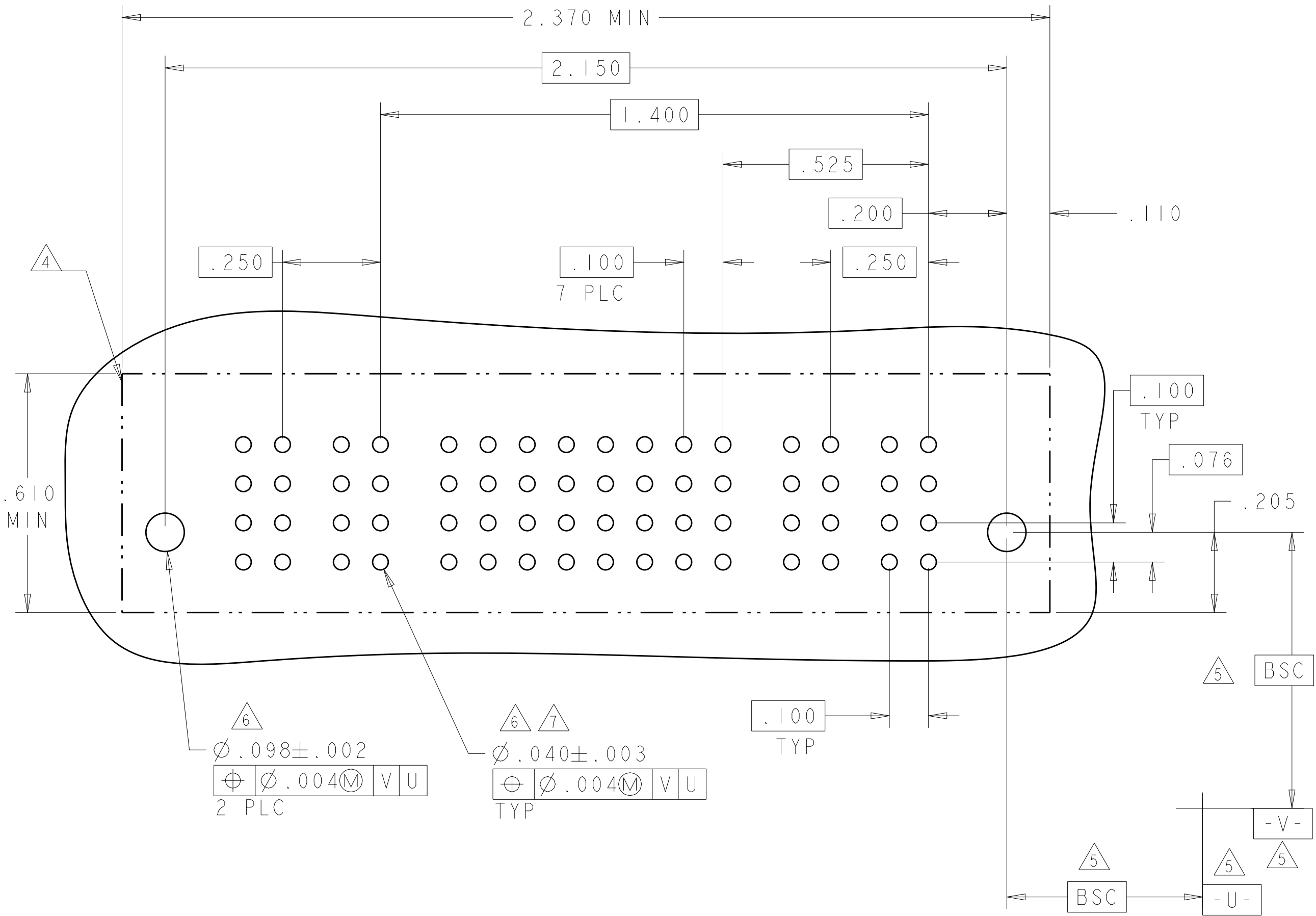
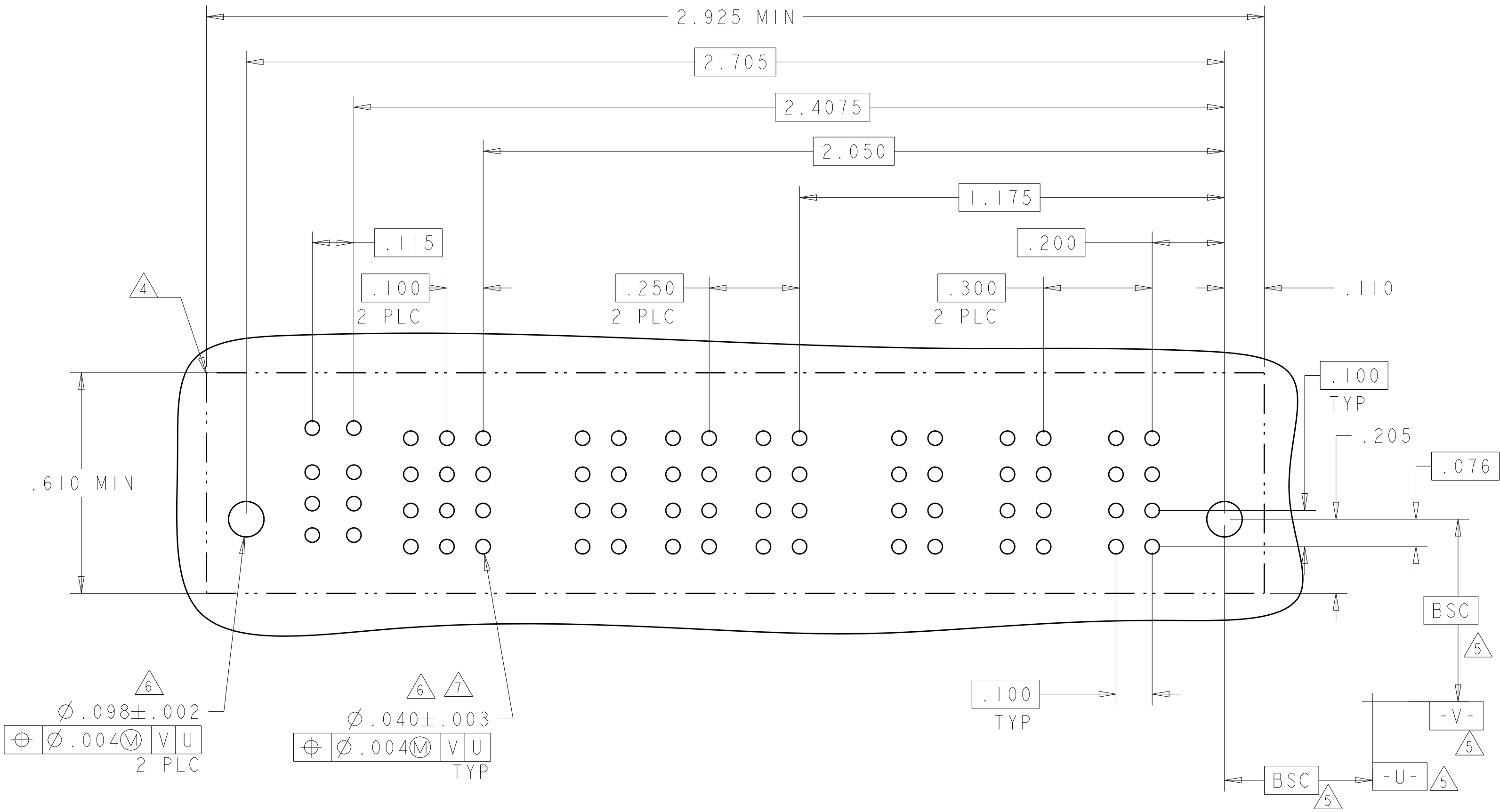
REV
K2

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

PART NUMBER	ROWS		POWER		SIGNAL			POWER							
			P8	P7	3	2	1	P6	P5	P4	P3	P2	P1		
4-6450860-5	D		LSI	LSI	AP	AP	AP	GP	GS	GS	GS	GS	GS		
	C				AP	AP	AP								
	B				AP	AP	AP								
	A				AP	AP	AP								
3ACP + 3P + 12S + 2LP															HD



PART NUMBER	ROWS		POWER		SIGNAL								POWER				
			P4	P3	8	7	6	5	4	3	2	1	P2	P1			
4-6450860-6	D				AP	AP	AP	AP	AP	AP	AP	AP	AP	AP			
	AP				AP	AP	AP	AP	AP	AP	AP	AP	AP				
	AP				AP	AP	AP	AP	AP	AP	AP	AP	AP				
	AP				AP	AP	AP	AP	AP	AP	AP	AP	AP				
2P + 32S + 2P																	



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
D. ZHU
CHK
S. ZHAO
APVD
S. ZHAO

20DEC2007
20DEC2007
-

DIMENSIONS:
INCHES

0 PLC ±.01
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.002
ANGLES ±.020
FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

NAME
VER RECEP ASSEMBLY
SHORT GUIDES, PRESS FIT
MULTI-BEAM XLE

SIZE
A100779

CAGE CODE
C=6450860

DRAWING NO
26

SHEET
26

OF
28

REV
K2

TE Connectivity

SCALE
N/A

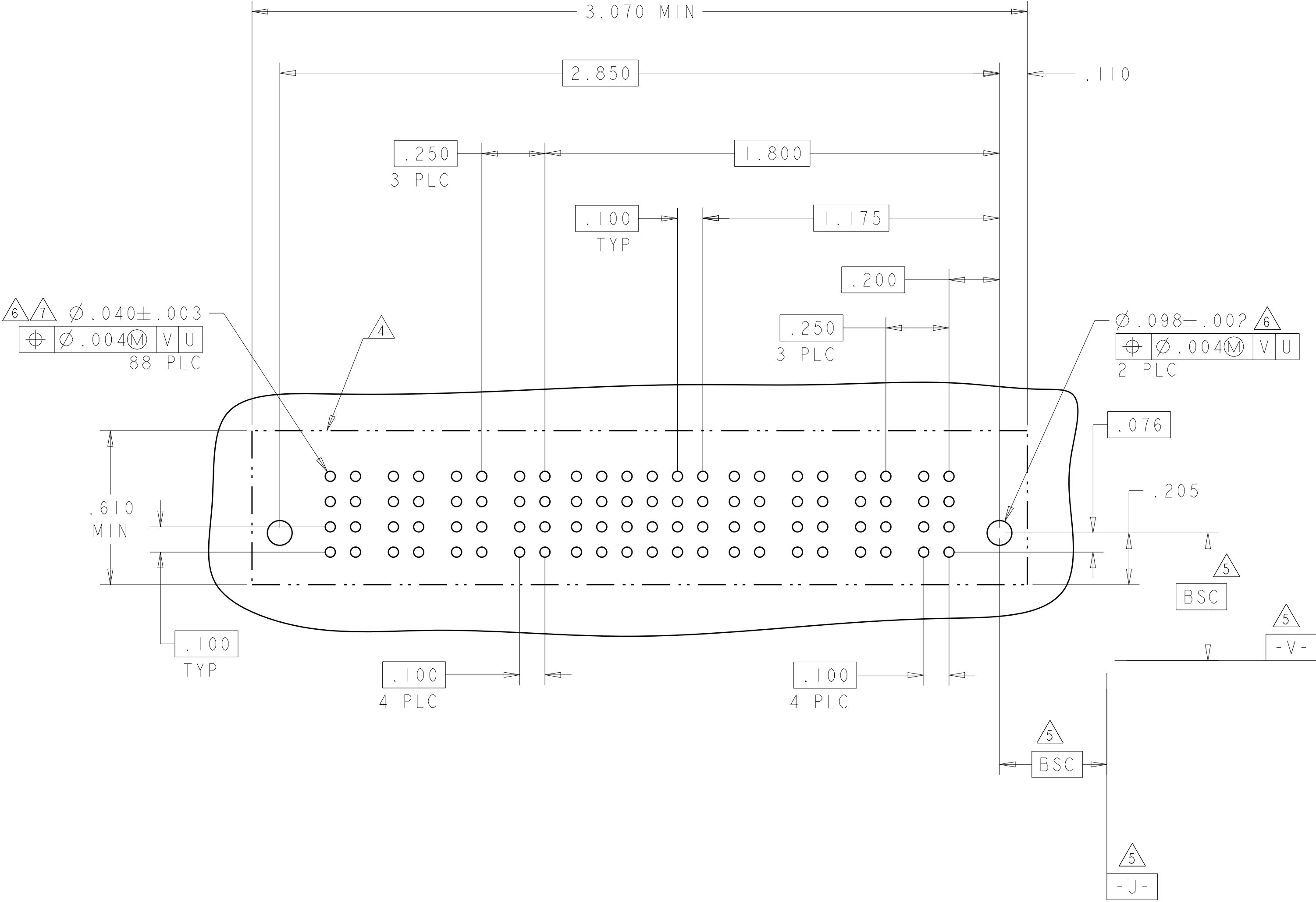
SHEET
26

OF
28

REV
K2

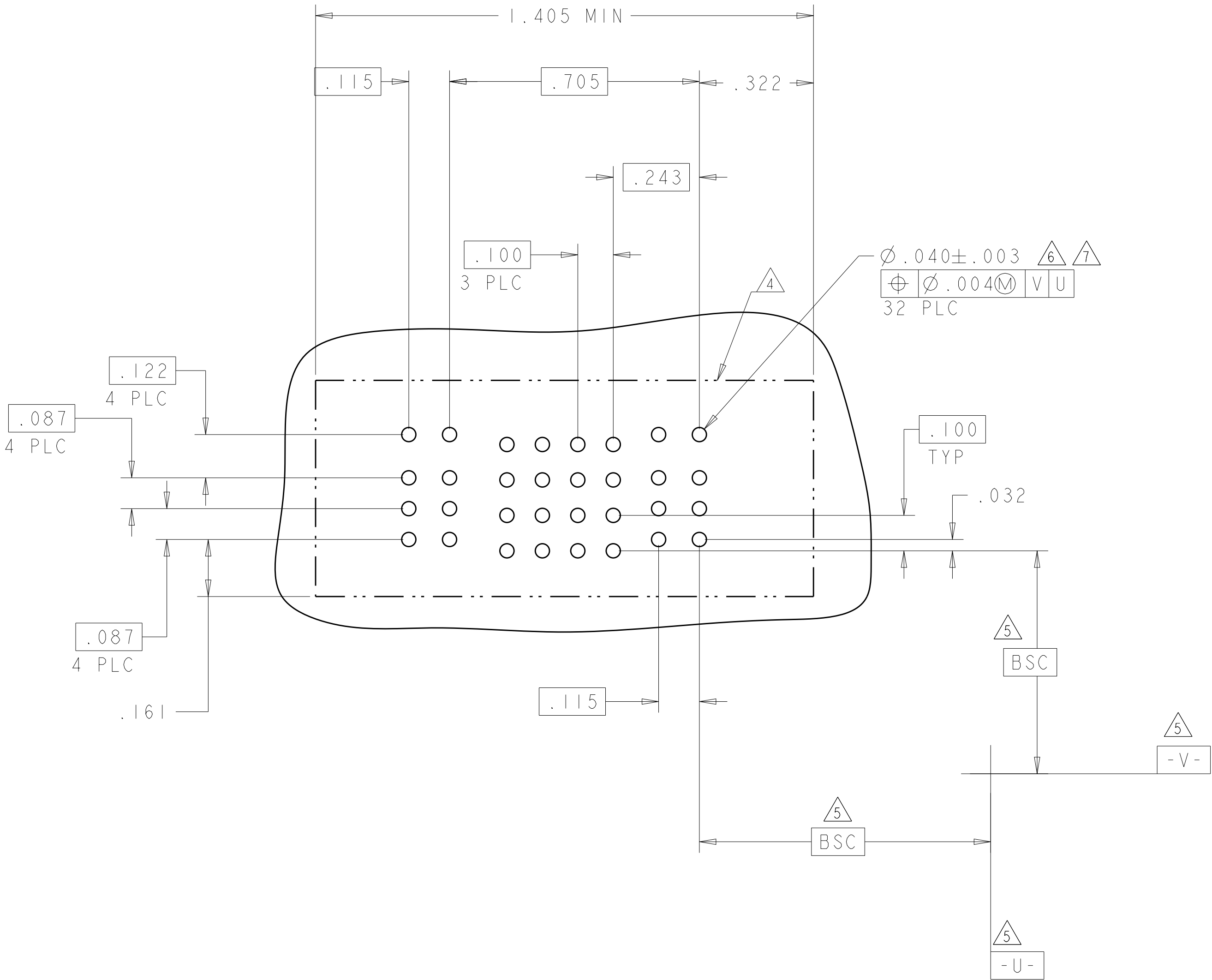
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER				SIGNAL						POWER				
			P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	
4-6450860-7	D		GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	
	C						AP	AP	AP	AP	AP	AP					
	B						AP	AP	AP	AP	AP	AP					
	A						AP	AP	AP	AP	AP	AP					
4P + 24S + 4P																	



PART NUMBER	ROWS		LOW POWER		SIGNAL				LOW POWER		
			P4	P3	4	3	2	1	P2	P1	
4-6450860-8	D		LSI	LSI	AP	AP	AP	AP	LSI	LSI	
	C				AP	AP	AP	AP			
	B				AP	AP	AP	AP			
	A				AP	AP	AP	AP			
2LP + 16S + 2LP											

J9



Technical drawing of a PCB layout showing dimensions, tolerances, and component placement.

Dimensions and Tolerances:

- Overall width: 2.070 MIN
- Overall height: .610 MIN
- Top horizontal dimensions: 1.850, .110
- Internal horizontal dimensions: .250, 1.300, .675, .200, .250
- Vertical dimensions: .100 (5 PLC), .100 (2 PLC), .100 (TYP), .100 (2 PLC), .076, .205

Component Placement and Tolerances:

- Top left: $\phi .040 \pm .003$ (6), $\phi .004$ (7), V U, 56 PLC
- Top right: $\phi .098 \pm .002$ (6), $\phi .004$ (7), V U, 2 PLC
- Bottom right: BSC, -V-, -U-

Other Features:

- Central area: A large oval shape containing a grid of small circles.
- Bottom center: A small circle.
- Bottom right: A small circle.

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