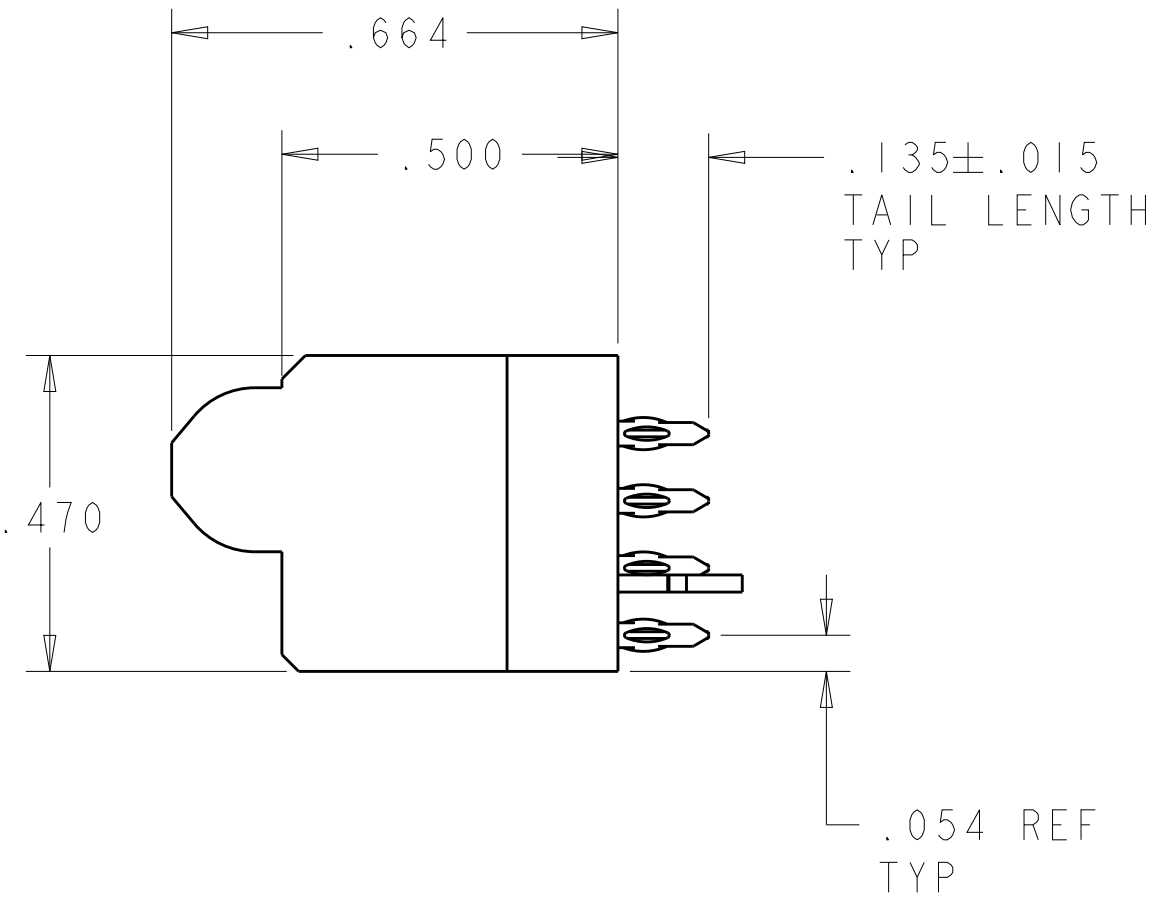
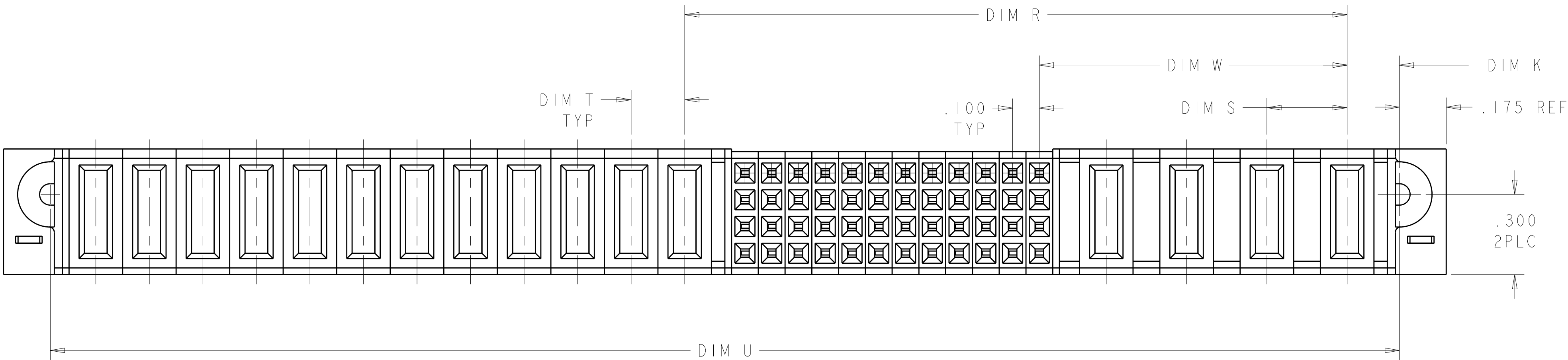
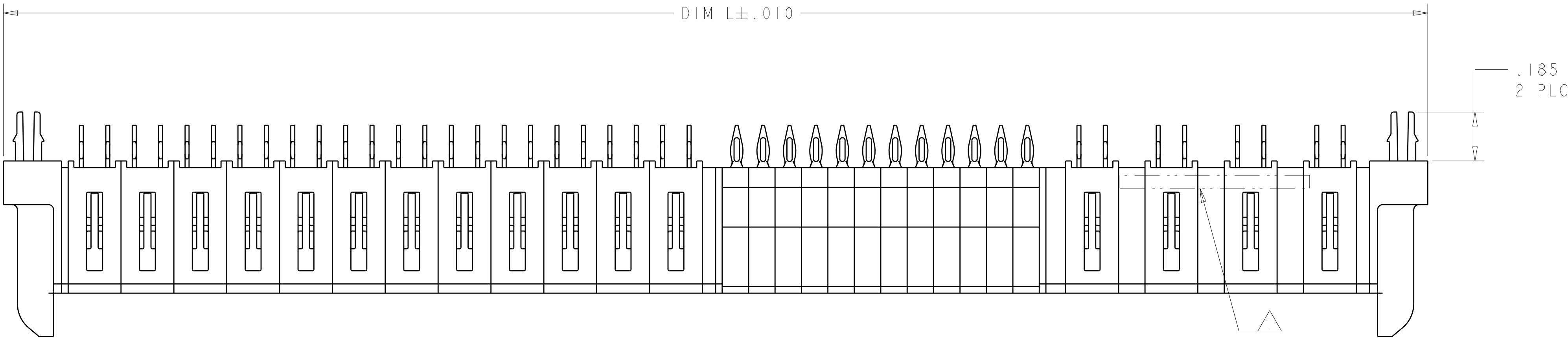
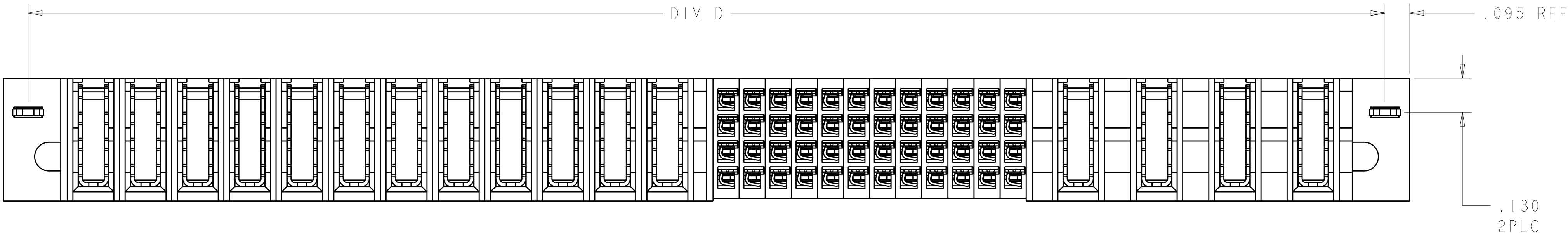
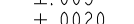


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		J9	REV PER ECR-12-020199	22NOV2012	CZ	SZ



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. ZHU	20DEC2007	 TE Connectivity	
		CHK S. ZHAO	20DEC2007		
DIMENSIONS: INCHES		APVD S. ZHAO		NAME VER RECEP ASSEMBLY SHORT GUIDES, PRESS FIT MULTI-BEAM XLE	
		PRODUCT SPEC			
		108-2292		SIZE A	
		APPLICATION SPEC			
		114-13251		DRAWING NO C-6450860	
MATERIAL		WEIGHT			
FINISH		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	-	-	-

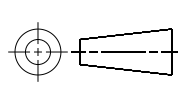
- 1 "AMP", PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN
PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC,UL94 V-O,BLACK.
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
LP CONTACT - HIGH 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	1.025	.2725	.705	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
	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	.1275	1.200	.4775	.8525	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	.915	.2725	.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	2.710	.6550	2.2125	3.060	4LP + 60S + 4LP	3-6450860-1
	.975	-	-	.1025	.815	.2725	.380	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	5.825	2P + 32S + 4LP + 14P	2-6450860-6
	3.570	.250	.230	.1525	3.410	2.1125	2.8375	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	.1275	2.205	.7325	1.4075	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	2.290	.925	1.200	2.640	4P + 8S + 4P	1-6450860-3
	3.450	-	.10	.250	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	2.370	1.175	1.9825	2.720	5P + 32S + 2LP	6450860-4
	5.545	.230	.250	.195	5.385	2.975	4.2325	5.735	12P + 48S + 8LP	6450860-3
	5.200	.200	.300	.195	5.040	1.150	2.475	5.390	4ACP + 48S + 12HDP	6450860-2
	.985	-	-	.1025	.825	.2725	.505	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

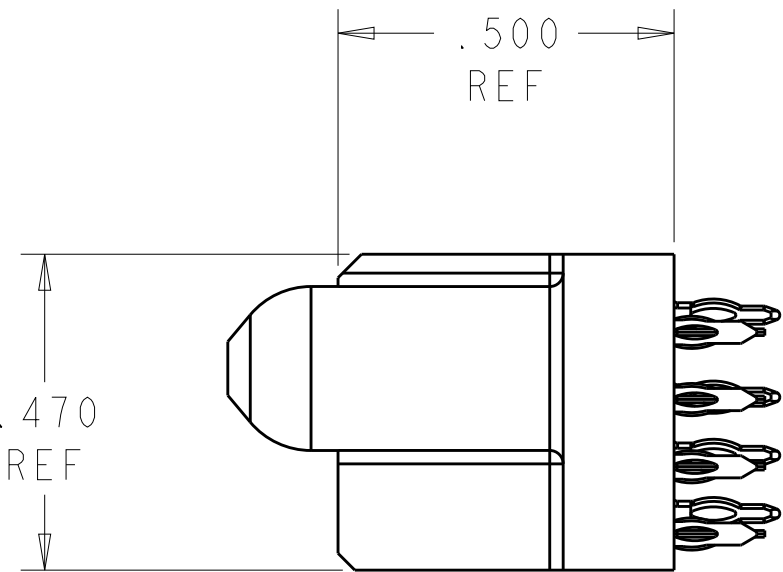
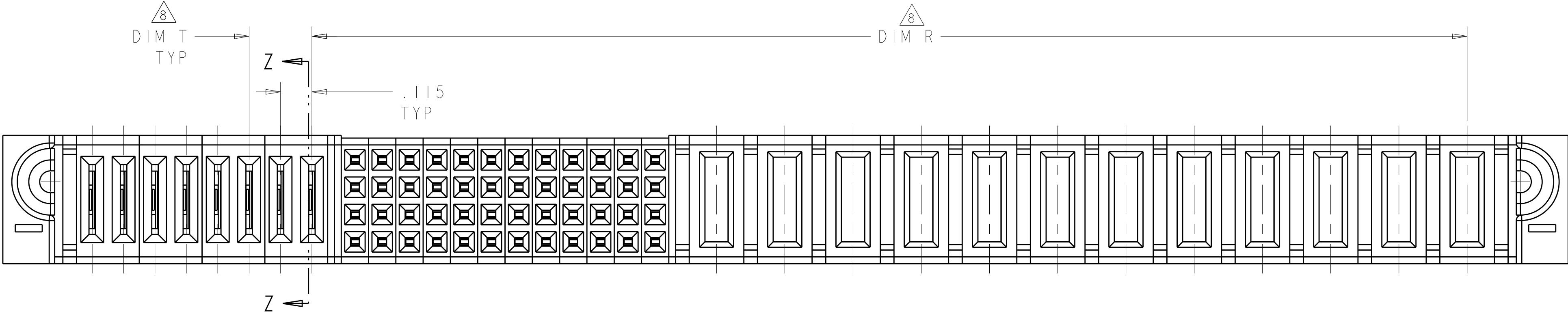
SHEET
2

OF
28

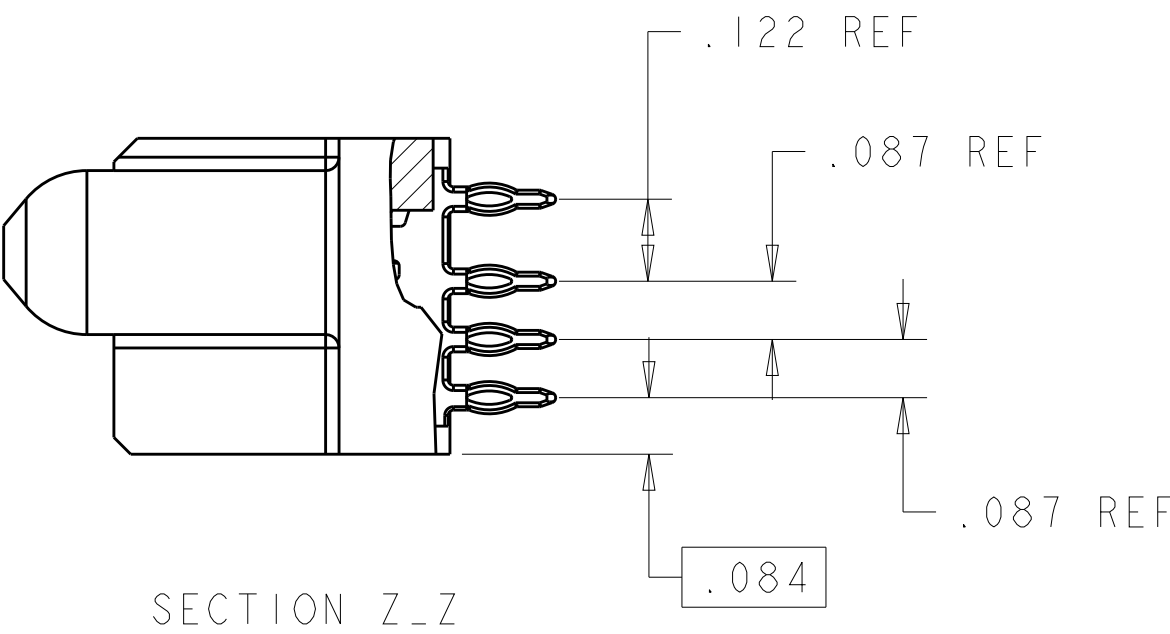
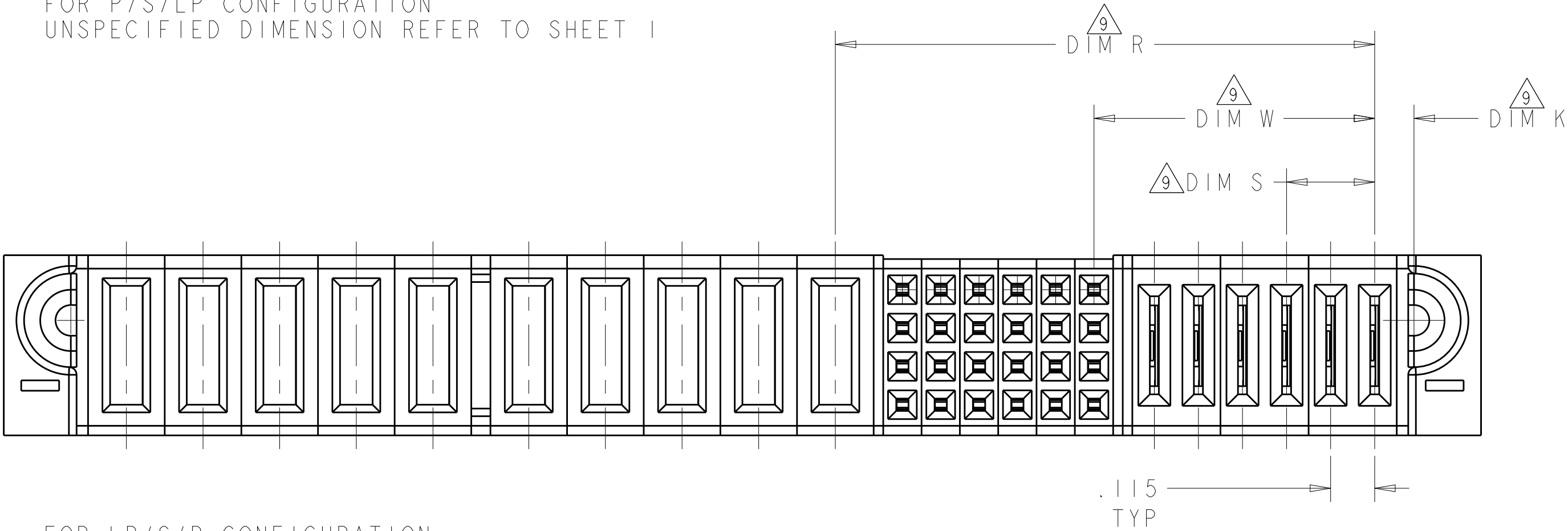
REV
K2

TE Connectivity

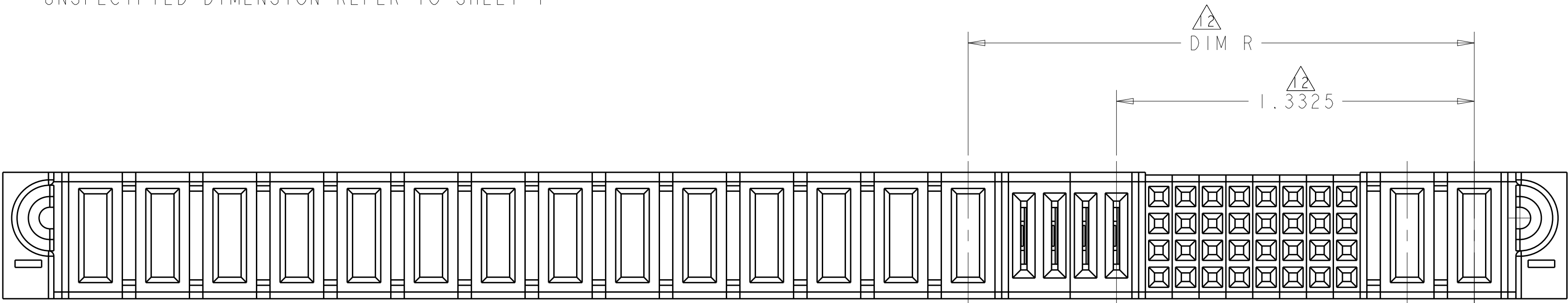
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ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



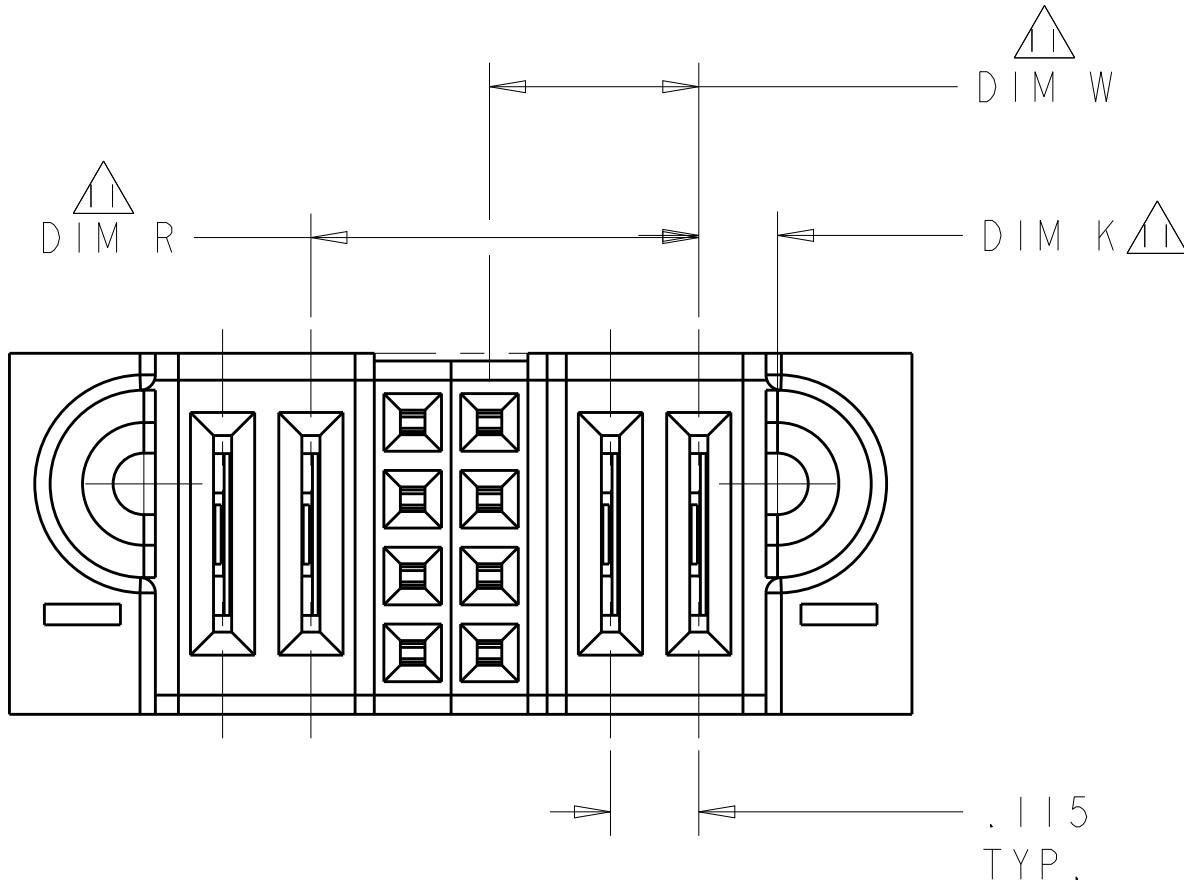
FOR P/S/LP CONFIGURATION
UNSPECIFIED DIMENSION REFER TO SHEET 1



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



FOR PART 2-6450860-6

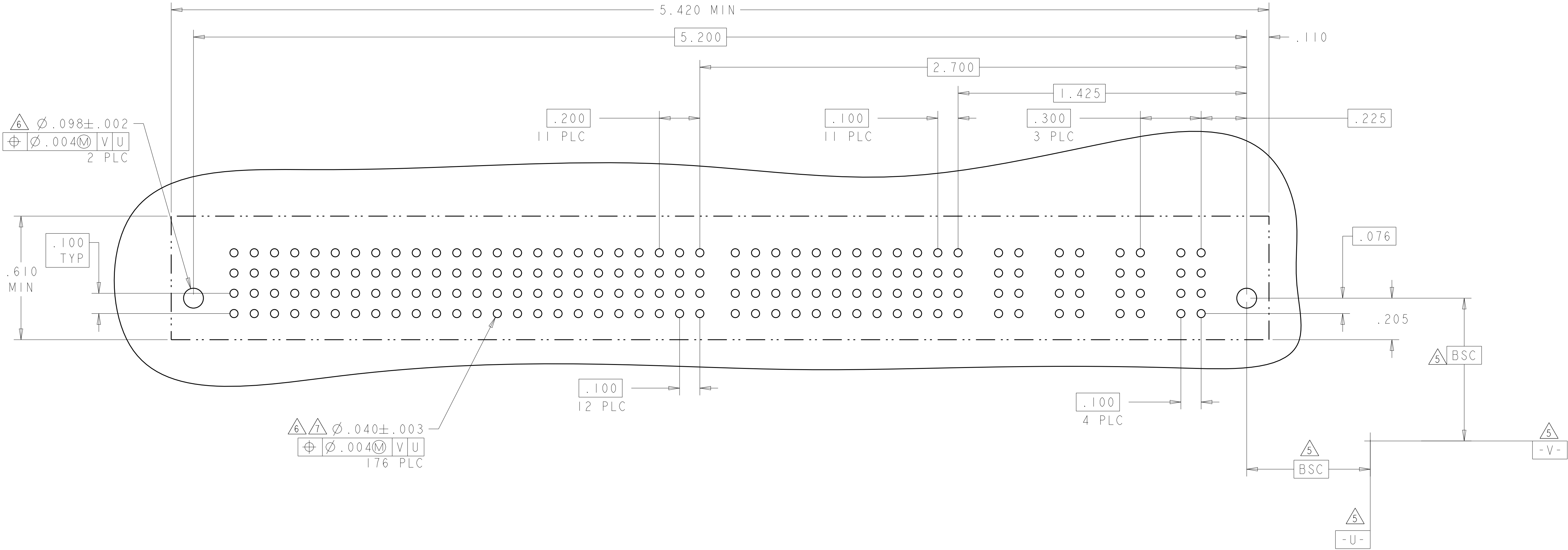


FOR LP/S/LP(6450860-1 AND 3-6450860-0) CONFIGURATION
UNSPECIFIED DIM REFER TO SHEET 1

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 ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH		VER RECEP ASSEMBLY SHORT GUIDES, PRESS FIT MULTI-BEAM XLE			
MATERIAL		CUSTOMER DRAWING		SIZE A1	CAGE CODE 100779	DRAWING NO 6450860	RESTRICTED TO -
				SCALE N/A	SHEET 3	OF 28	REV K2

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

PART NUMBER	ROWS		POWER												SIGNAL												POWER				
			P16	P15	P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	I2	I1	I0	9	8	7	6	5	4	3	2	1	P4	P3	P2	P1	
6450860-2	D C B A		GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GS	GS	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	AP	AP	AP	AP	AP	AP	AP	AP	AP						
4ACP + 48S + 12HDP																															



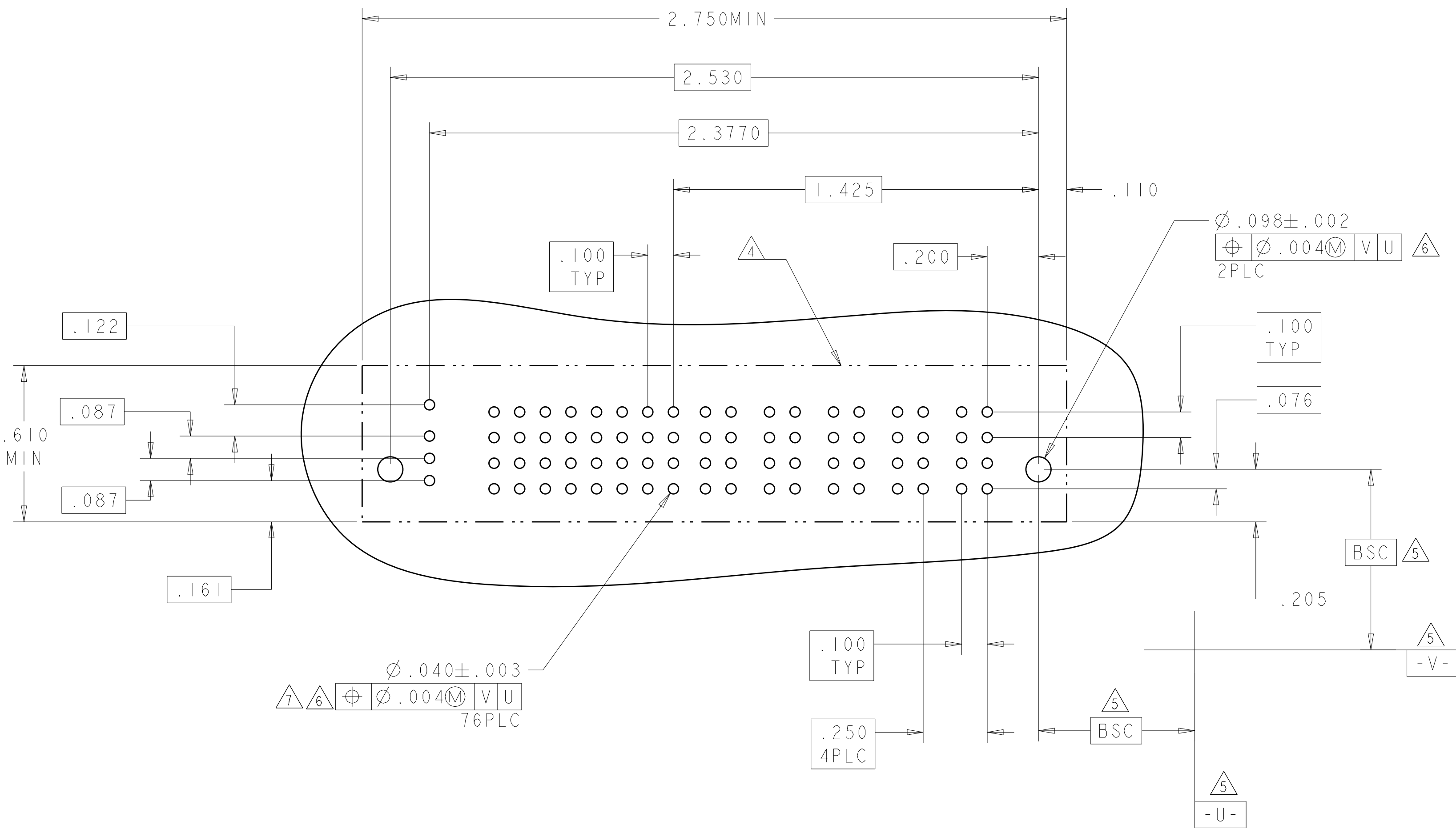
LSI	STD LP POWER PRESS FIT CONTACT
GP	MFBL POWER PRESS FIT CONTACTS
GS	STD POWER PRESS FIT CONTACTS
AP	SIGNAL PRESS FIT CONTACT
CODE	DESCRIPTION
CONTACT TABLE	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. ZHU	20DEC2007	TE Connectivity	
		CHK S. ZHAO	20DEC2007		
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	
		ANGLES ±2°		CUSTOMER DRAWING	
MATERIAL		FINISH		SCALE	
-		-		N/A	
				SHEET 4 OF 28	
				REV K2	

[illegible]4805 (3/11)

PART NUMBER	ROWS		SIGNAL									POWER							
			LP2	LP1	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	GS	GP	GS	GP	GP		
	C				AP	AP	AP	AP	AP	AP	AP	AP							
	B				AP	AP	AP	AP	AP	AP	AP	AP							AP
	A				AP	AP	AP	AP	AP	AP	AP	AP							AP
5P + 32S + 2LP																			

A small line graph with a downward-sloping line, indicating a decrease in a variable over time or across categories.

4805 (3/11)

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

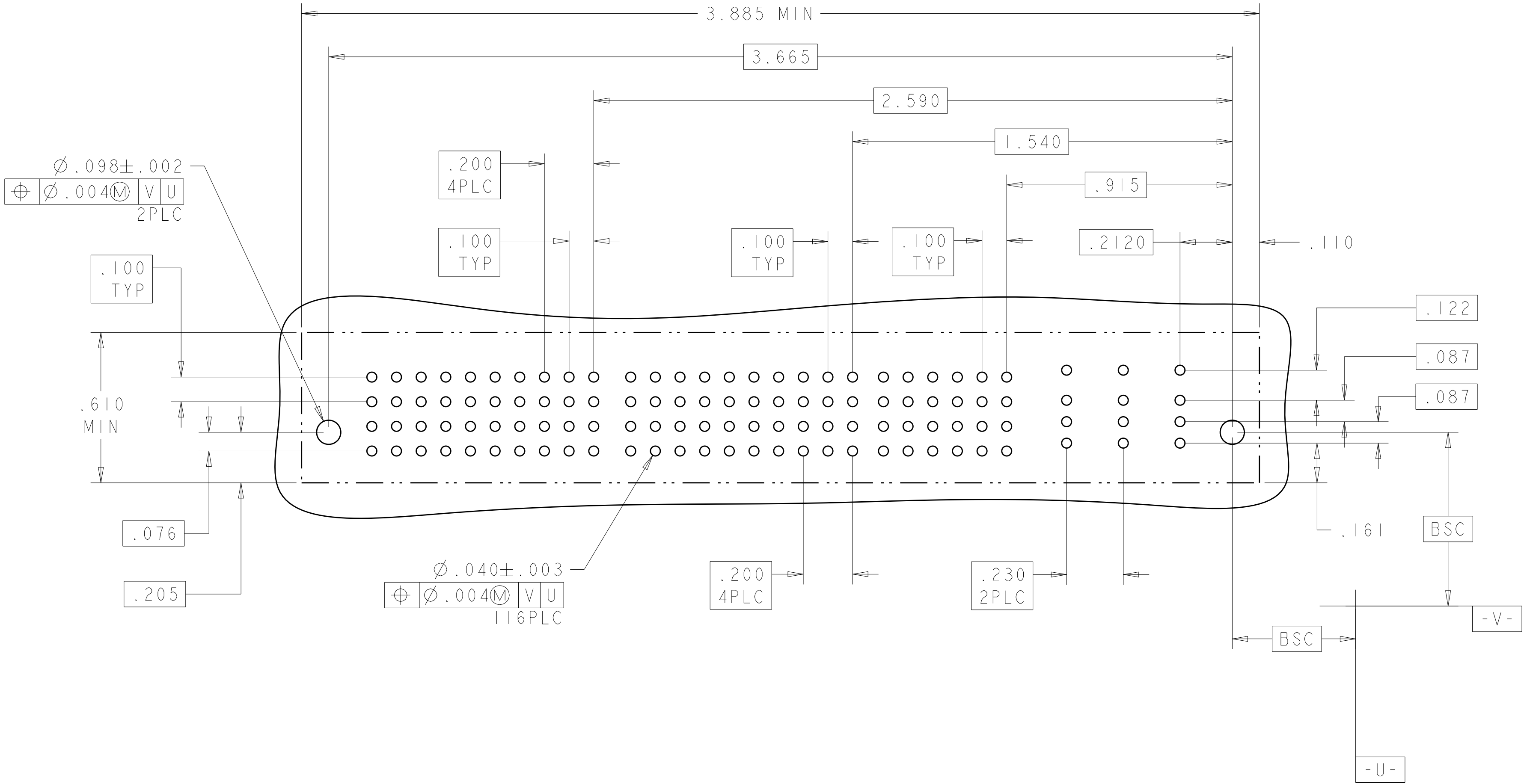
PART NUMBER	ROWS		POWER										SIGNAL						POWER						
			P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	LP6	LP5	LP4	LP3	LP2	LP1	
6450860-5	D C B A		GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP							
													AP	AP	AP	AP	AP	AP							
													AP	AP	AP	AP	AP	AP							
													AP	AP	AP	AP	AP	AP							
6LP + 24S + 10P																			LSI		LSI		LSI		

.200 4PLC

.250

.200 4PLC

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

D. ZHU

20DEC2007

CHK

S. ZHAO

20DEC2007

APVD

S. ZHAO

-

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±"

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES ±2°

FINISH

-

MATERIAL

-

CUSTOMER DRAWING

DWN

D. ZHU

20DEC2007

CHK

S. ZHAO

20DEC2007

APVD

S. ZHAO

-

PRODUCT SPEC

108-2292

APPLICATION SPEC

114-13251

WEIGHT

-

CUSTOMER DRAWING

NAME

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

SIZE

A100779

C=6450860

SCALE

N/A

SHEET

7

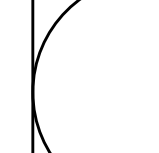
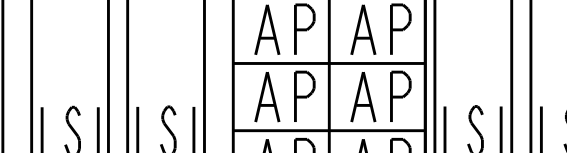
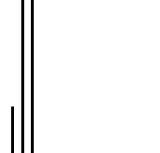
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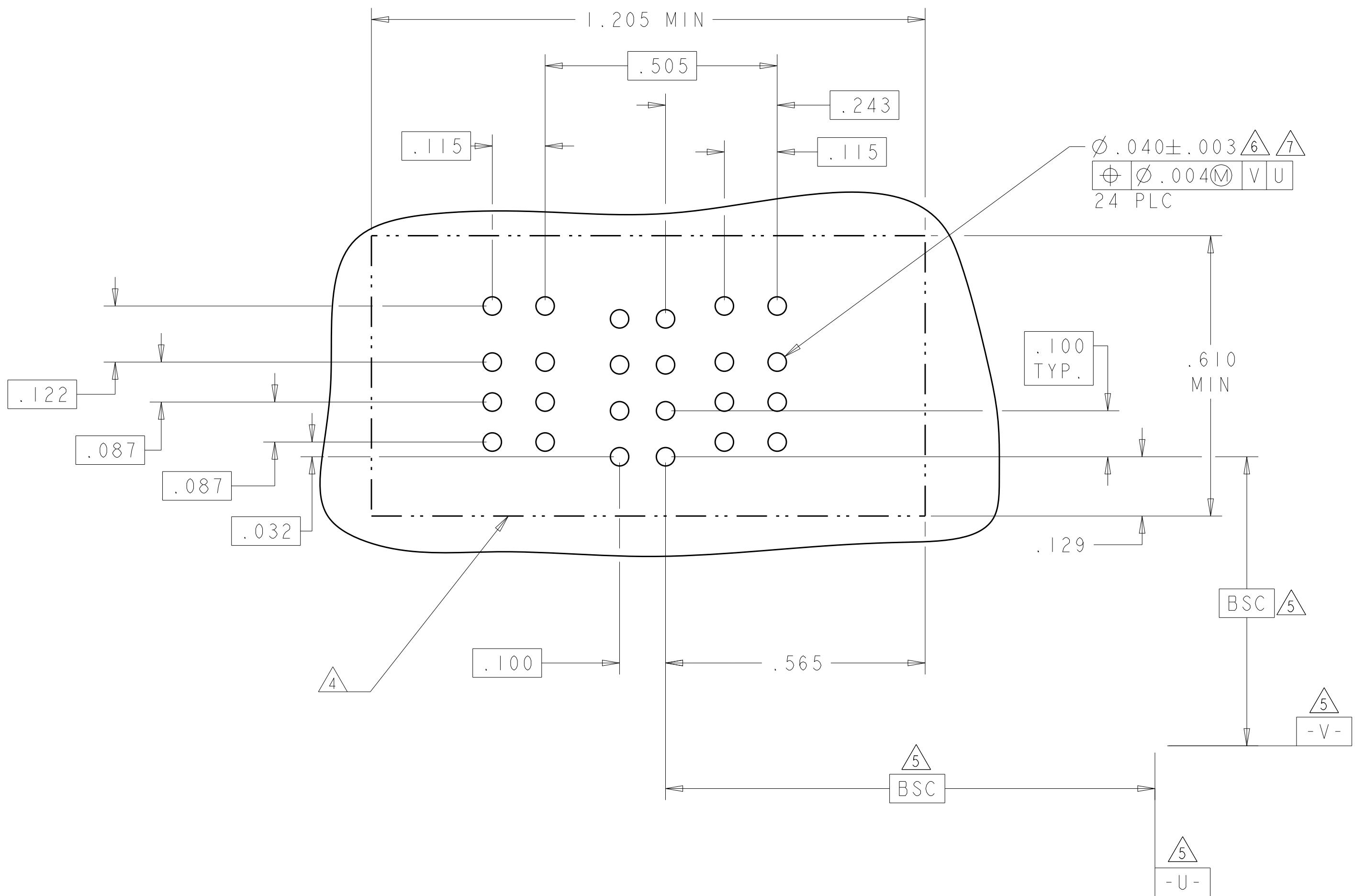
28

REV

K2

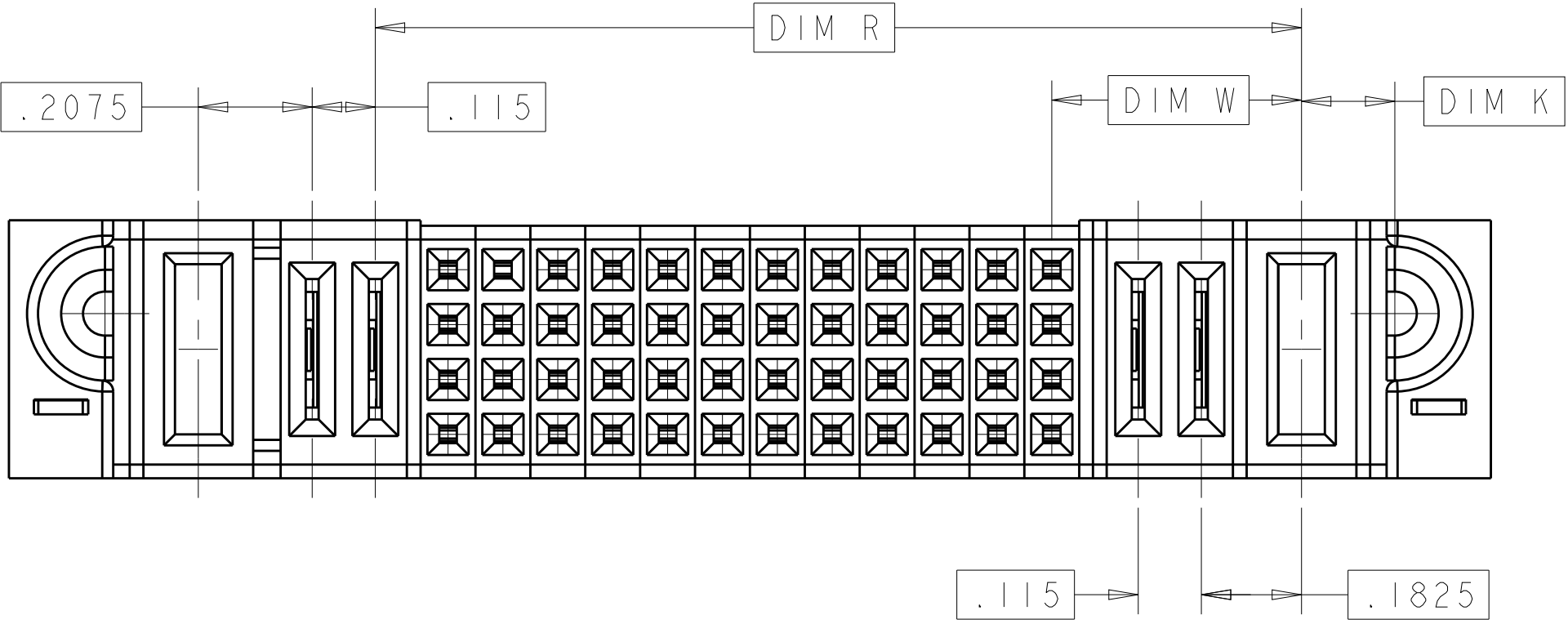
TE Connectivity

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

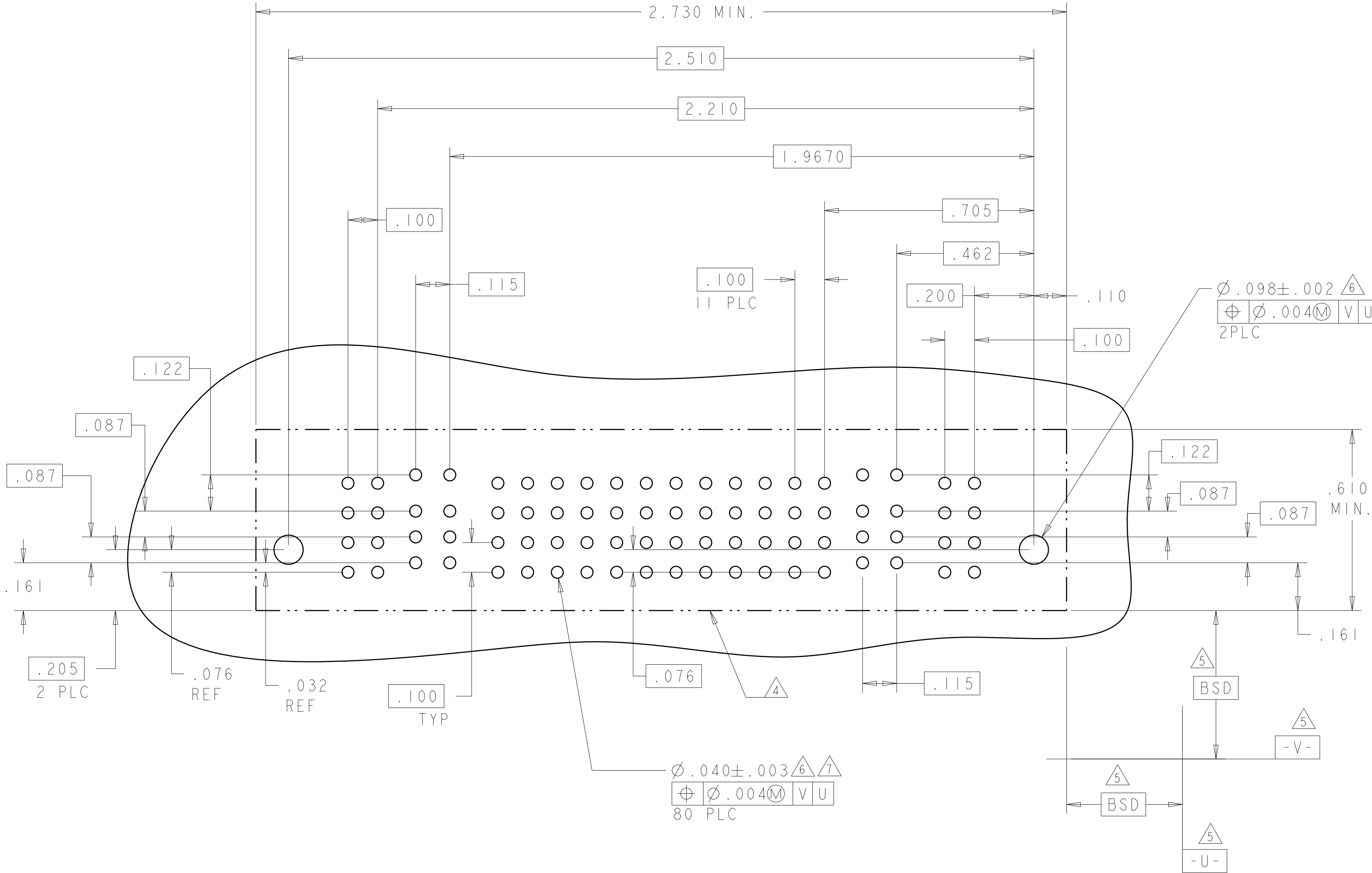
$$2LP + 8S + 2LP$$
4805 (3/11)

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 -

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

CUSTOMER DRAWING

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

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=6450860

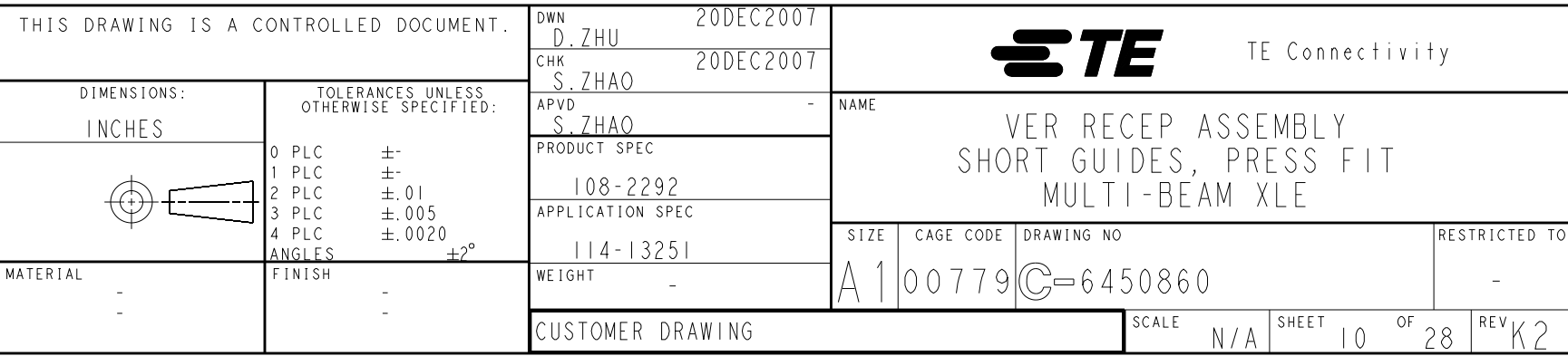
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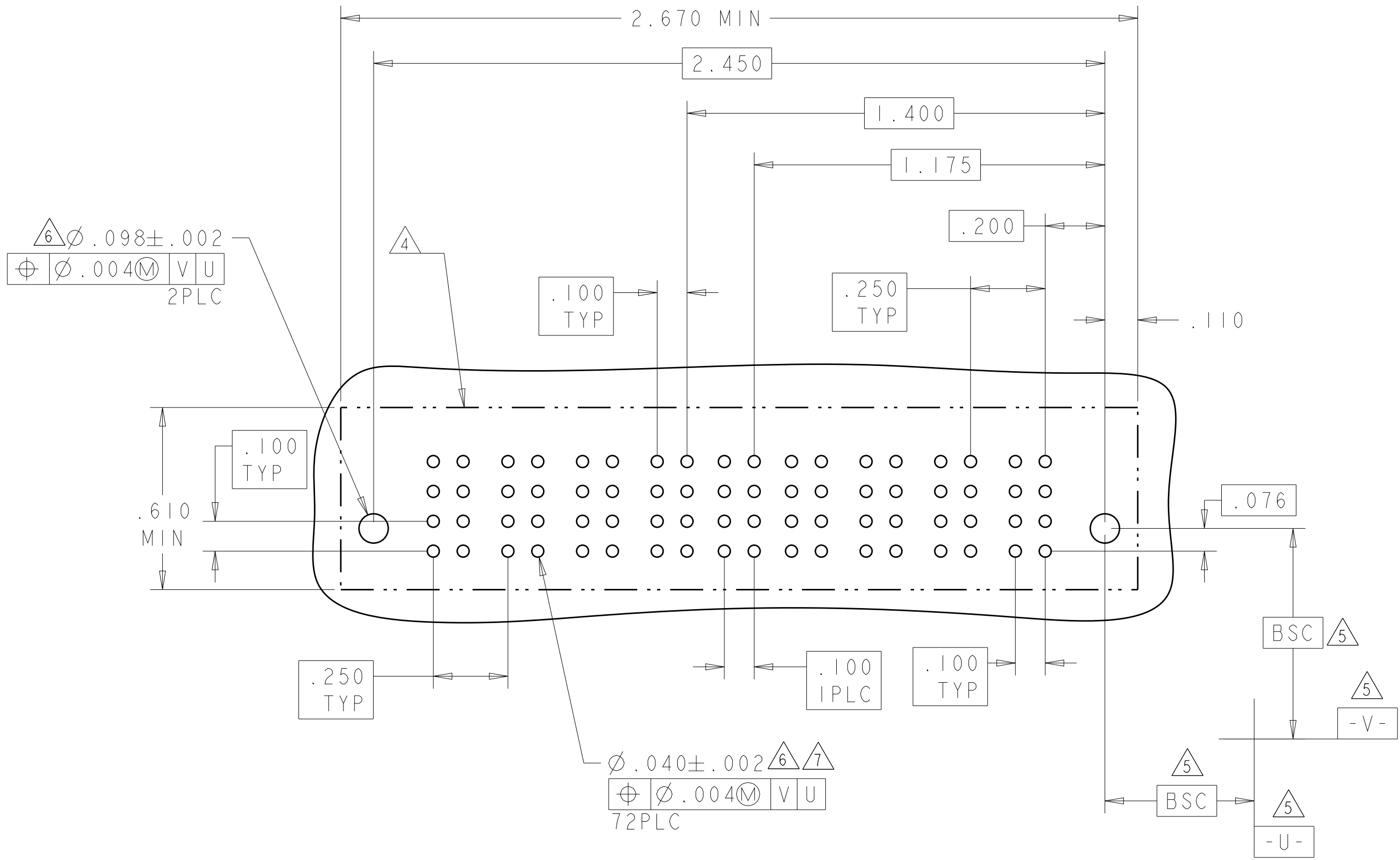
SCALE
N/A

SHEET
9

OF
28

REV
K2

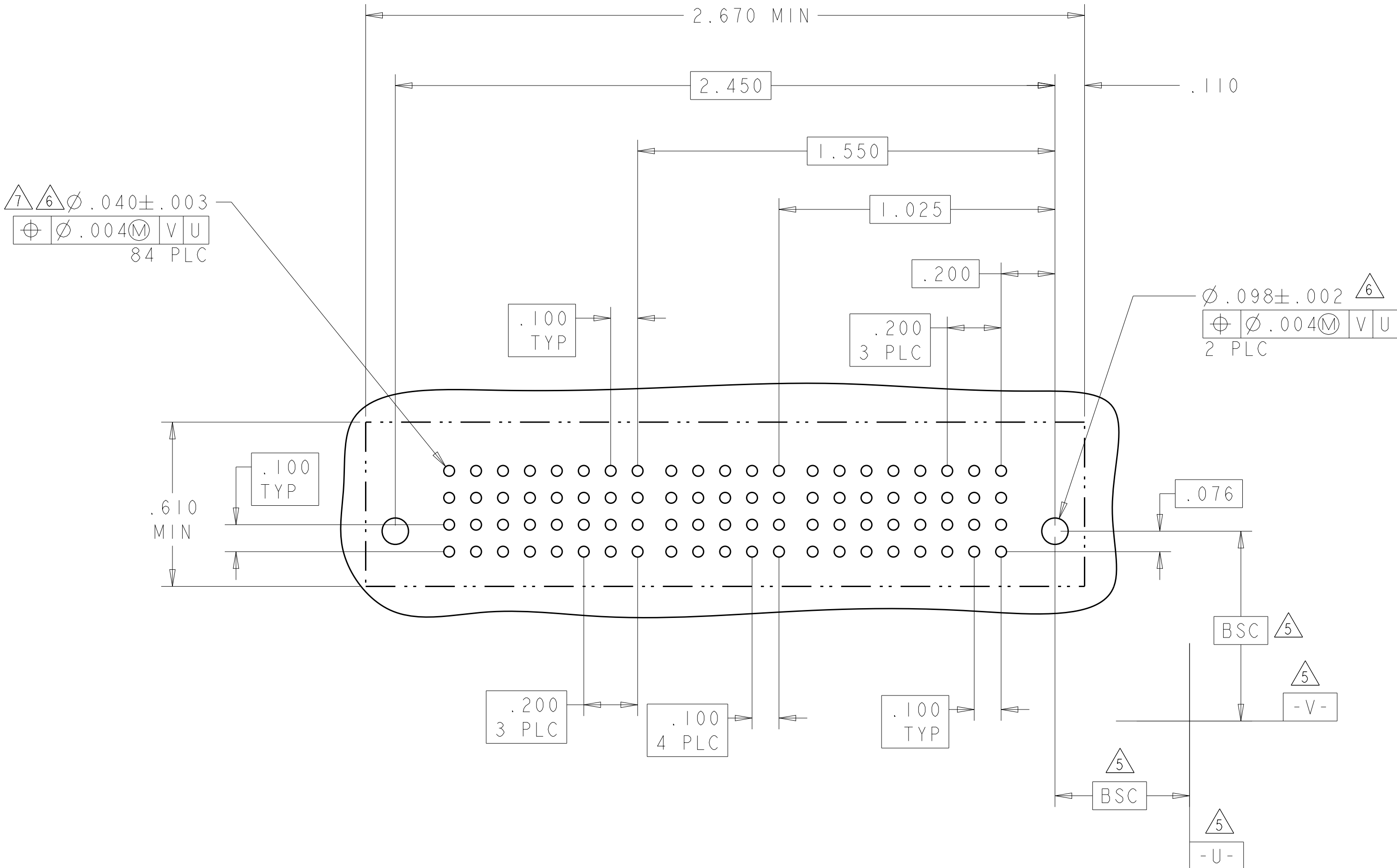
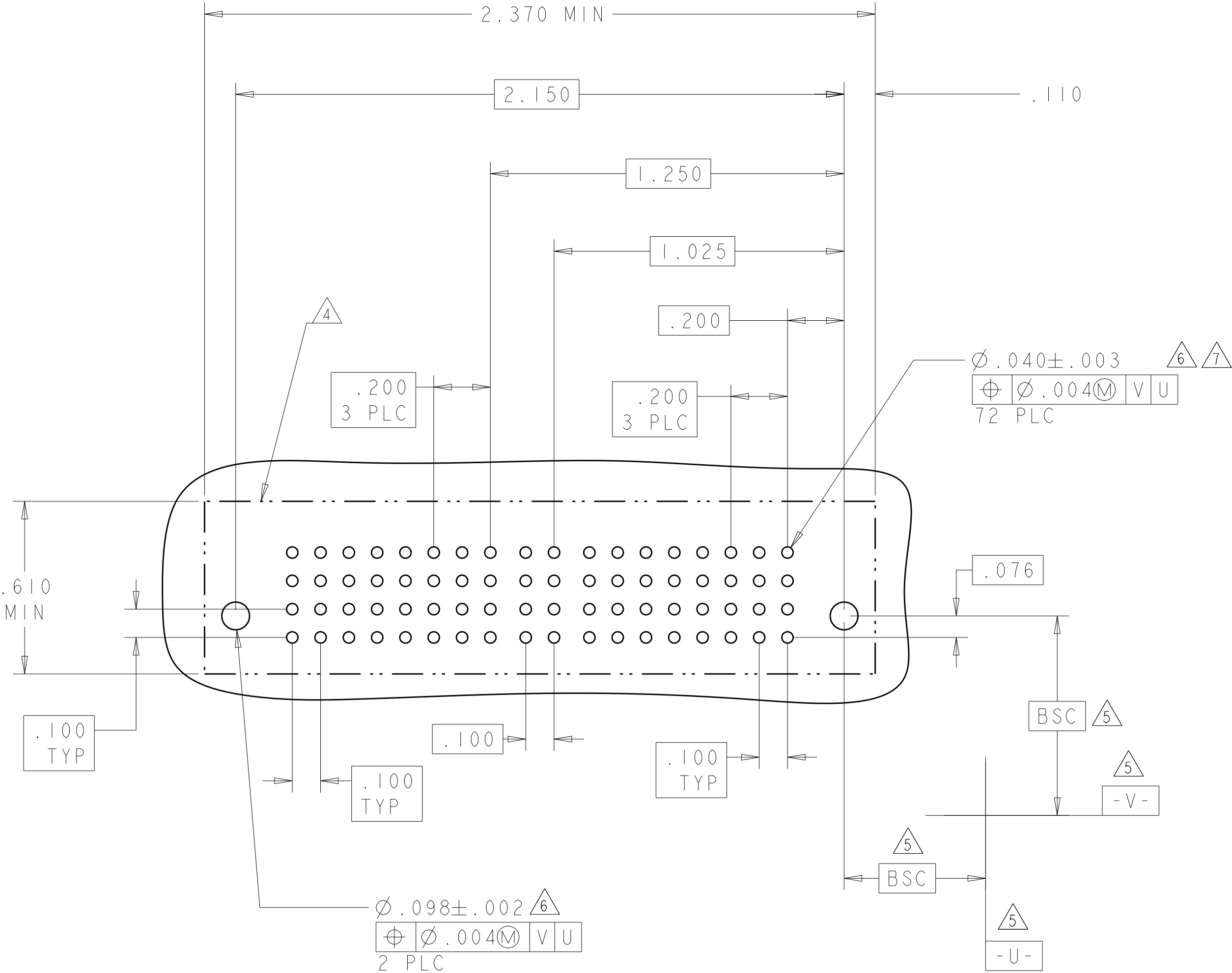
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[illegible]4805 (3/11)

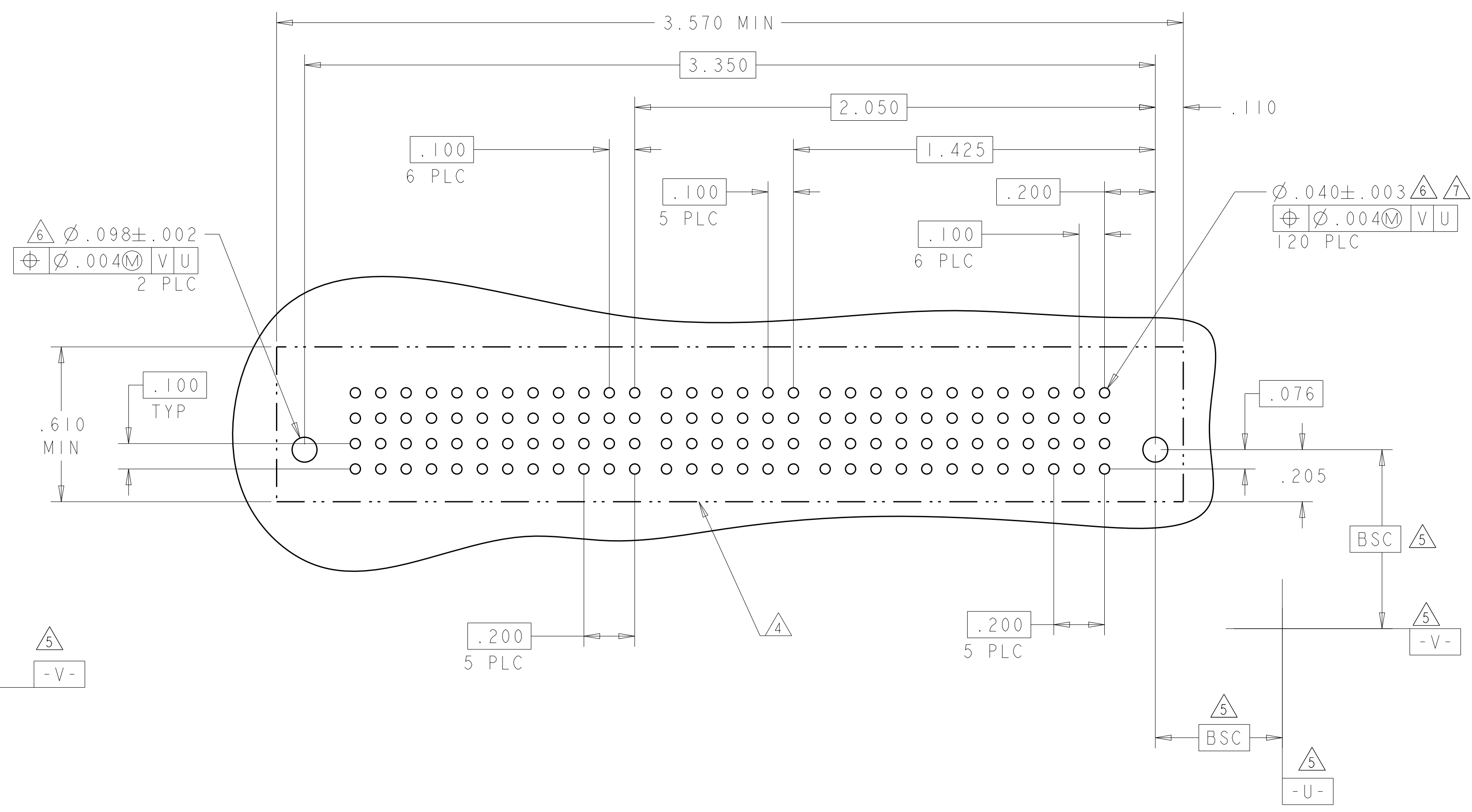
LOC		DIST		REVISIONS				
P	LYR	DESCRIPTION			DATE	OWN	APVD	
-	-	SEE SHEET 1			-	-	-	

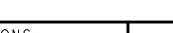
PART NUMBER	ROWS		POWER				SIGNAL		POWER					
			P8	P7	P6	P5	2	1	P4	P3	P2	P1		
1-6450860-4	D C B A			GS	GS	GS	GS	AP	AP	GS	GS	GS	GS	
								AP	AP					
								AP	AP					
								AP	AP					
4HDP + 8S + 4HDP														

PART NUMBER	ROWS		POWER				SIGNAL					POWER					
			P8	P7	P6	P5	5	4	3	2	1	P4	P3	P2	P1		
1-6450860-5	D C B A			GS	GS	GS	GS	AP	AP	AP	AP	AP	GS	GS	GS	GS	
								AP	AP	AP	AP	AP					
								AP	AP	AP	AP	AP					
								AP	AP	AP	AP	AP					
4HDP + 20S + 4HDP																	



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																					

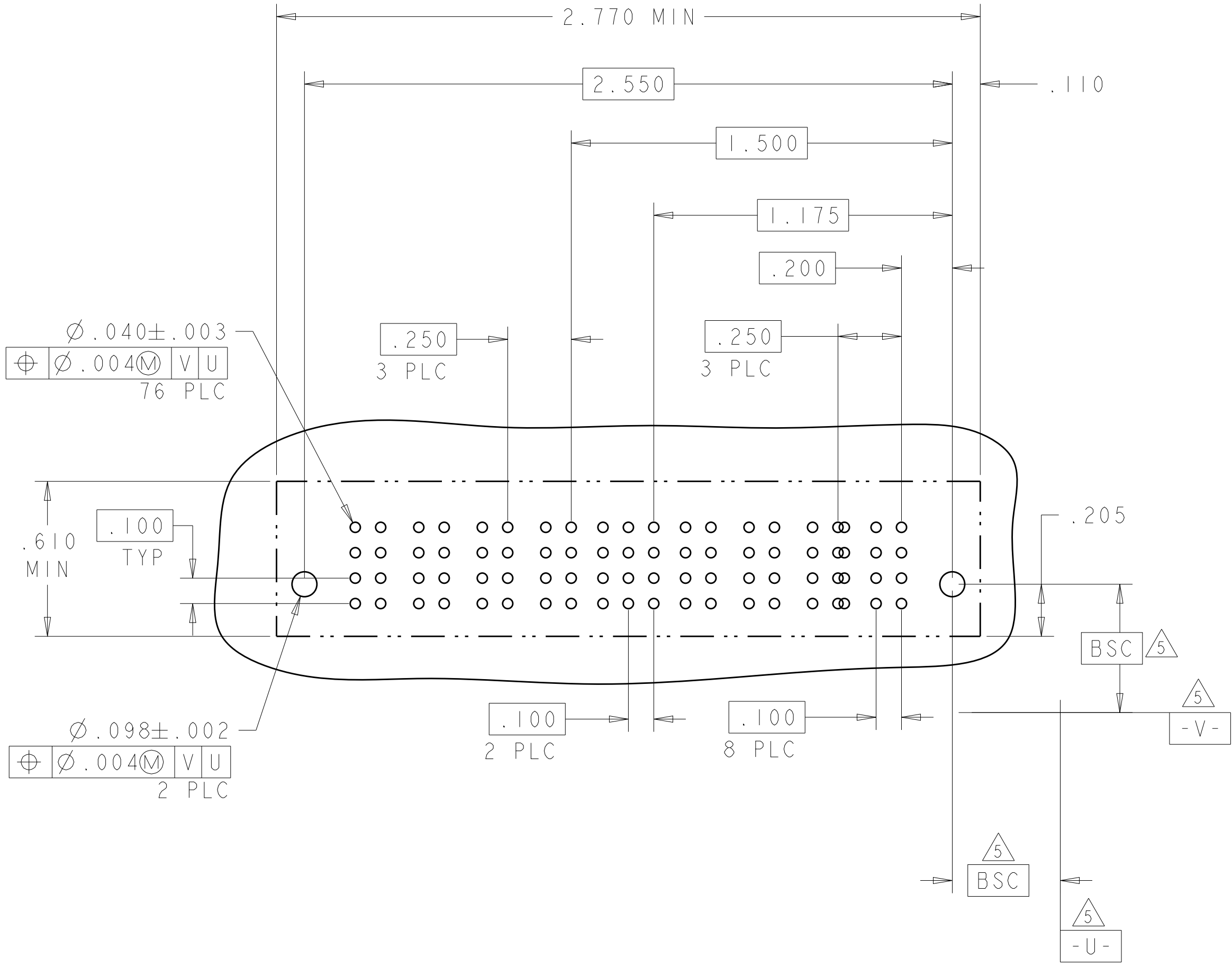
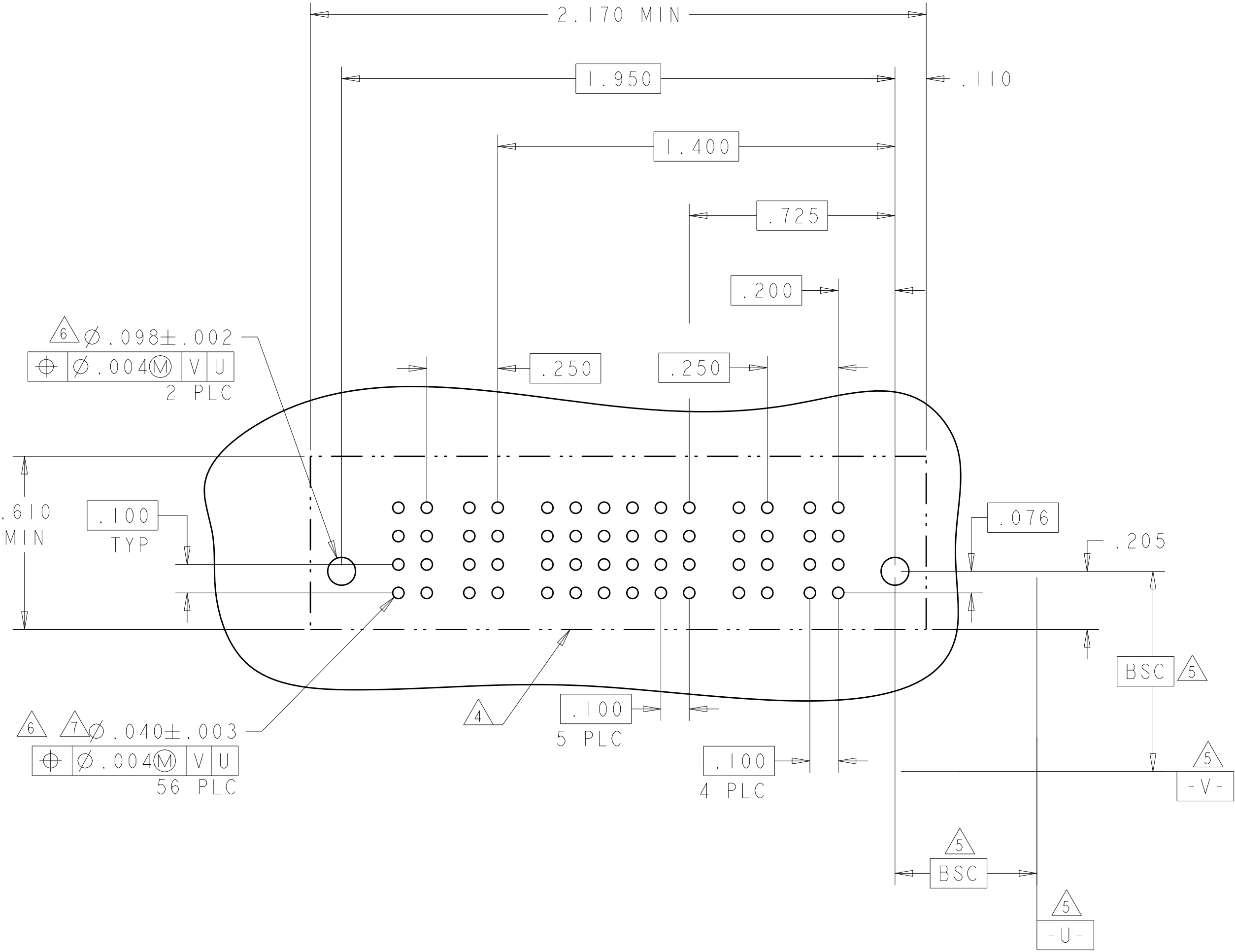


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D_ZHU 20DEC2007		 TE Connectivity	
		CHK S_ZHAO 20DEC2007			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		APD S_ZHAO PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251		VER RECAP ASSEMBLY SHORT GUIDES, PRESS FIT MULTI-BEAM XLE	
0 PLC ±. 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	

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

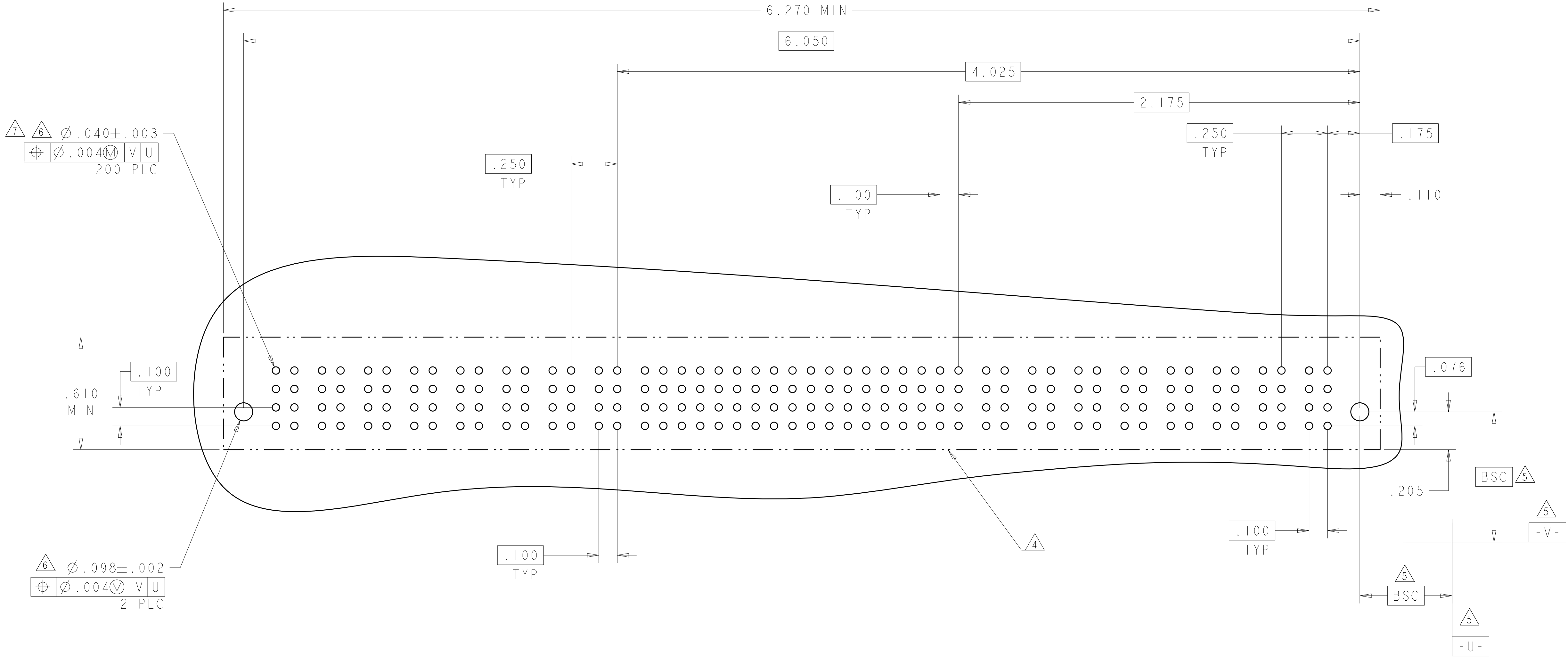
PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P4	P3	6	5	4	3	2	1	P2	P1	
2-6450860-0	D		GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	
	C				AP	AP	AP	AP	AP	AP			
	B				AP	AP	AP	AP	AP	AP			
	A				AP	AP	AP	AP	AP	AP			
2P + 24S + 2P													

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														

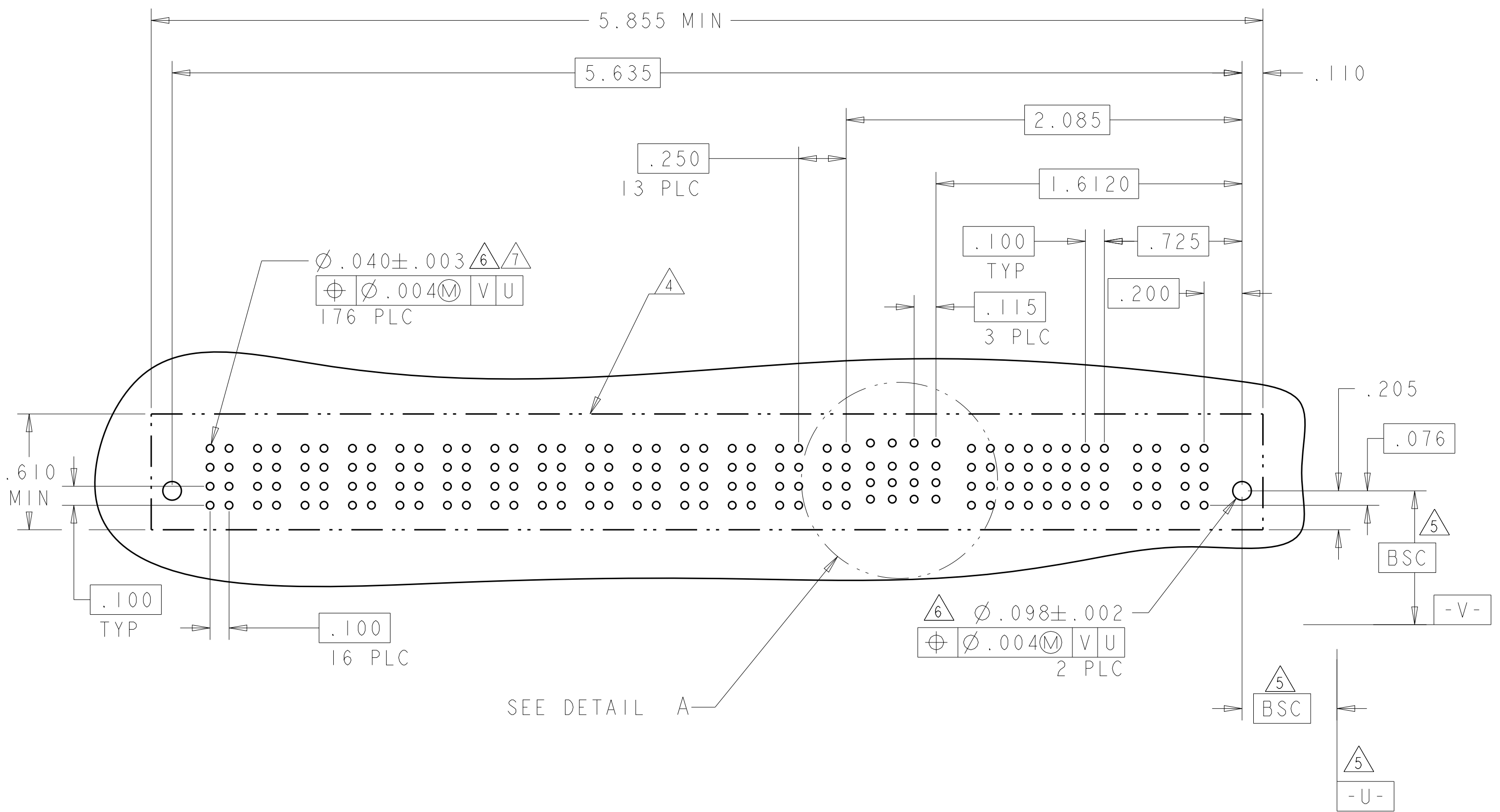


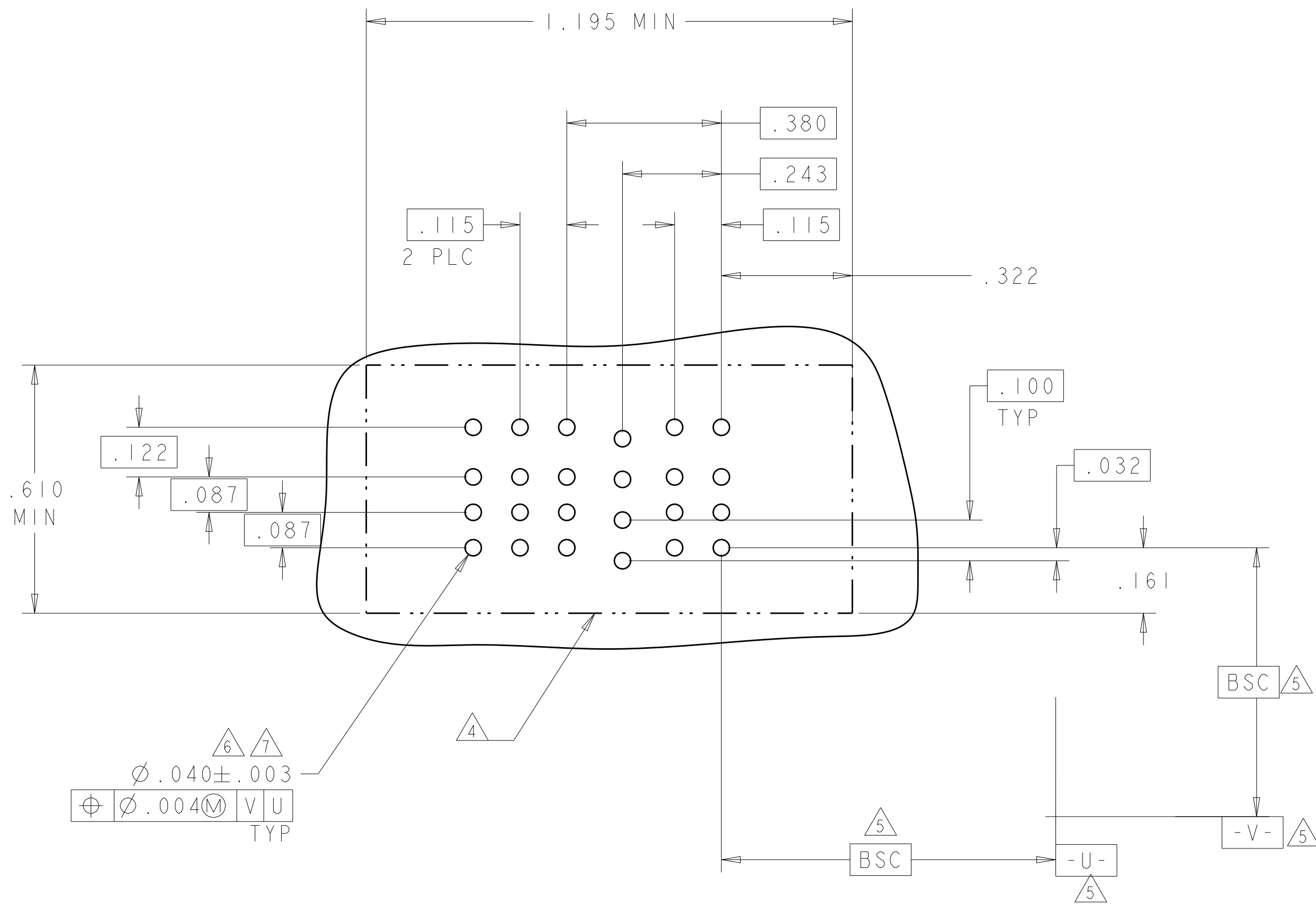
LOC		DIST		REVISIONS				
ES	00	P	LYR	DESCRIPTION	DATE	DWN	APVD	
		-		SEE SHEET 1	-	-	-	

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	
2-6450860-1	D C B A																																		
8P + 72S + 8P																																			



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	LPI	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				
	C																			AP	AP	AP	AP	AP	AP	AP	AP						
	B																			AP	AP	AP	AP	AP	AP	AP	AP				AP		
	A	HD																		AP	AP	AP	AP	AP	AP	AP	AP						
2P + 32S + 4LP + 14P																																	

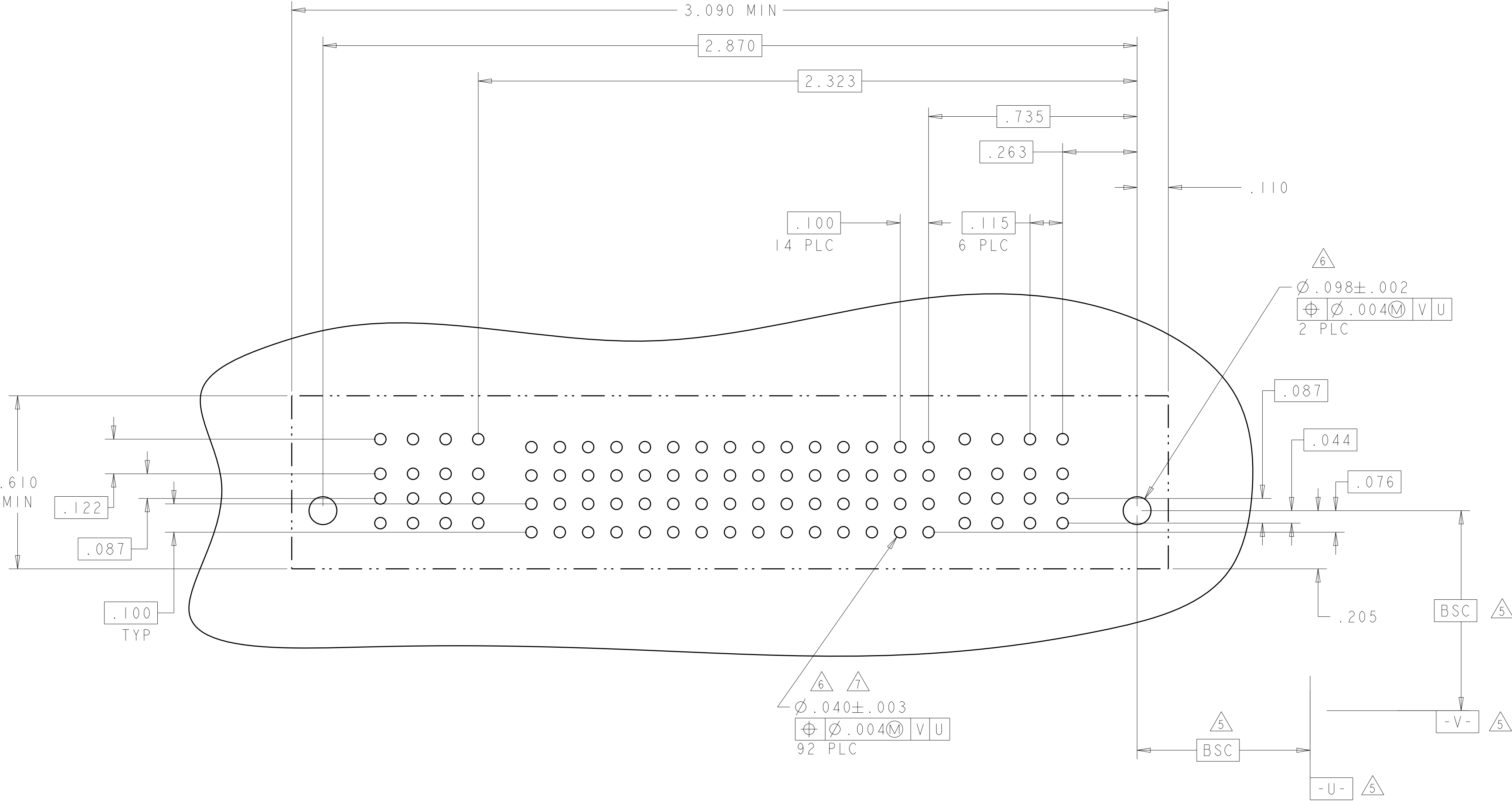
4805 (3/11)

[illegible]4805 (3/11)

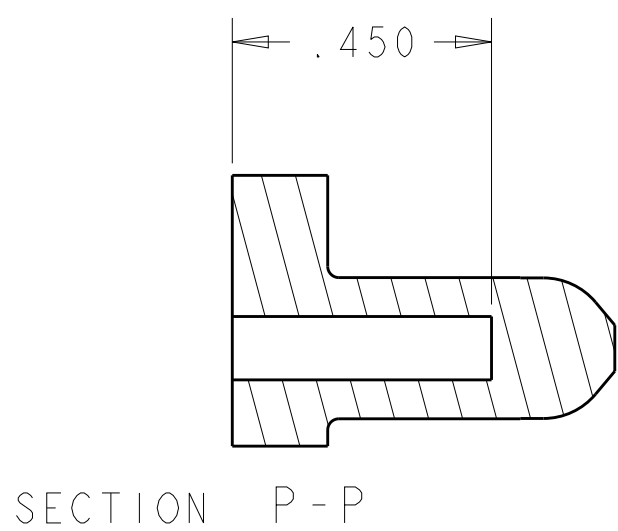
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

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	LSI	LSI	LSI	LSI			
	C						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
	A	HD					AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP					AP	AP	HD
4LP + 60S + 4LP																												

G4

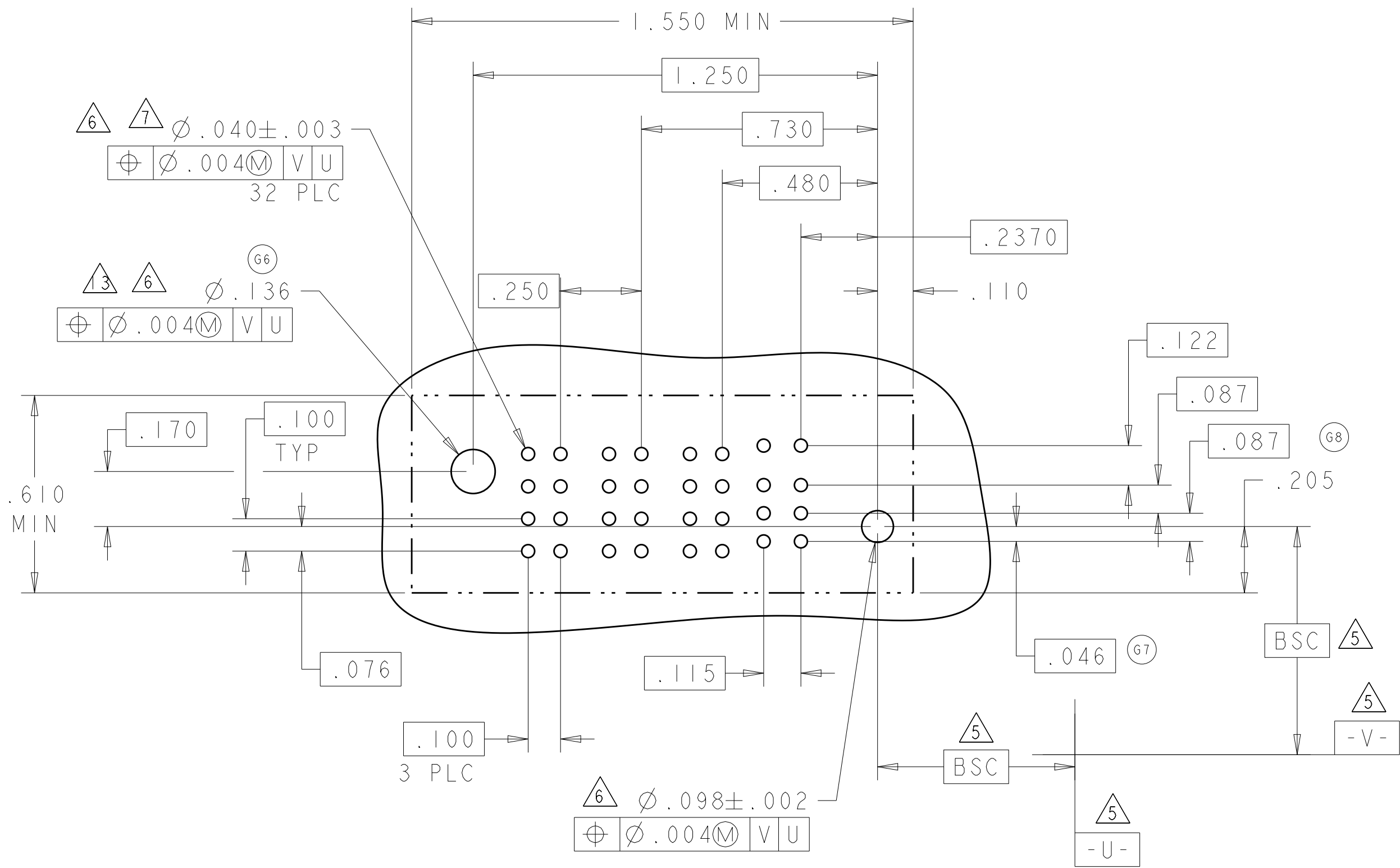


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. ZHU	20DEC2007	TE Connectivity	
DIMENSIONS: INCHES		CHK S. ZHAO	20DEC2007		
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH		PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 WEIGHT	
MATERIAL		CUSTOMER DRAWING		VER RECEP ASSEMBLY SHORT GUIDES, PRESS FIT MULTI-BEAM XLE	
-		-		SIZE A100779	
-		-		CAGE CODE C=6450860	
-		-		DRAWING NO 114-13251	
-		-		RESTRICTED TO	
-		-		SCALE N/A	
-		-		SHEET 18	
-		-		OF 28	
-		-		REV K2	



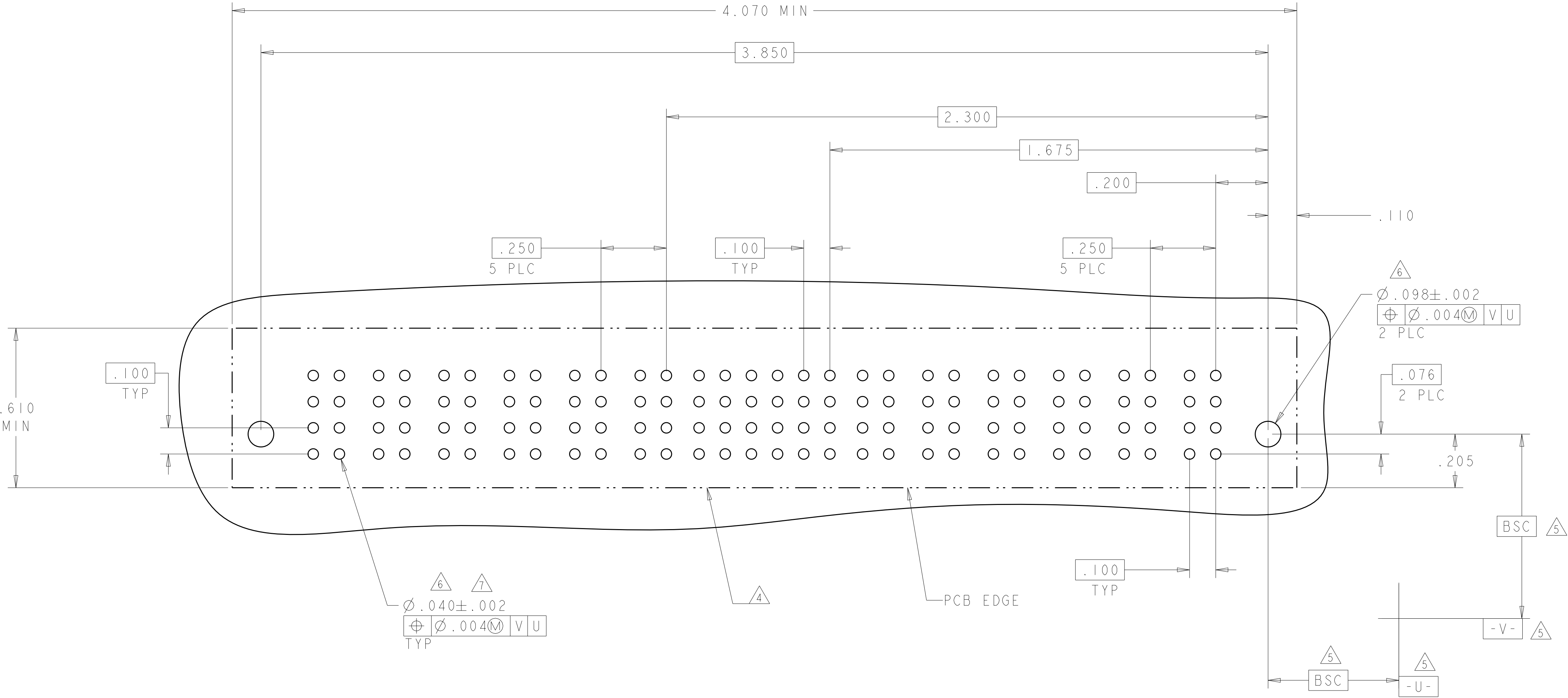
3-6450860-3

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

4805 (3/11)

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

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



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D. ZHU

20DEC2007

CHK

S. ZHAO

20DEC2007

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

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

SIZE

A1

CAGE CODE

00779

DRAWING NO

6450860

RESTRICTED TO

-

SCALE

N/A

SHEET

20

OF

28

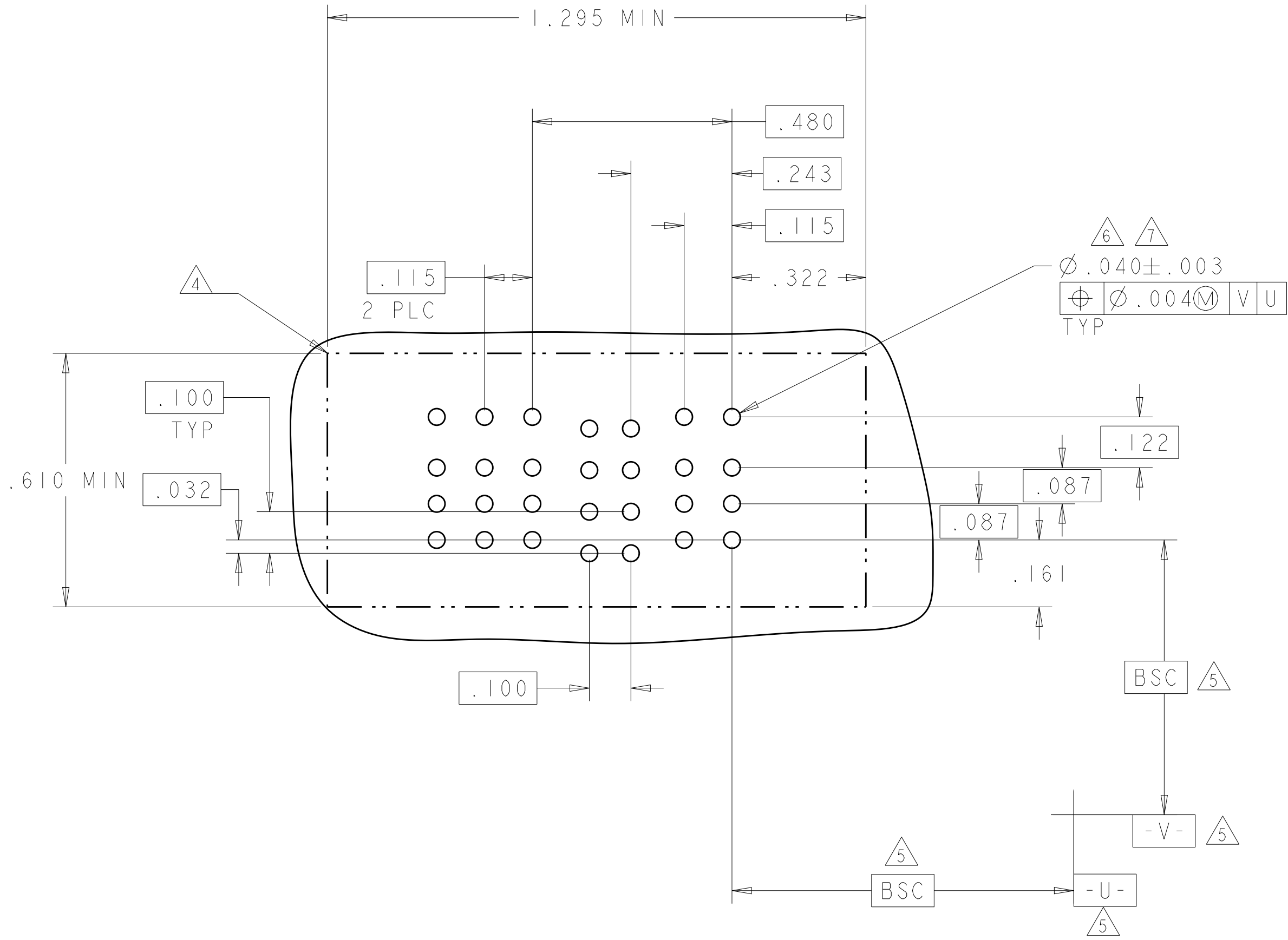
REV

K2

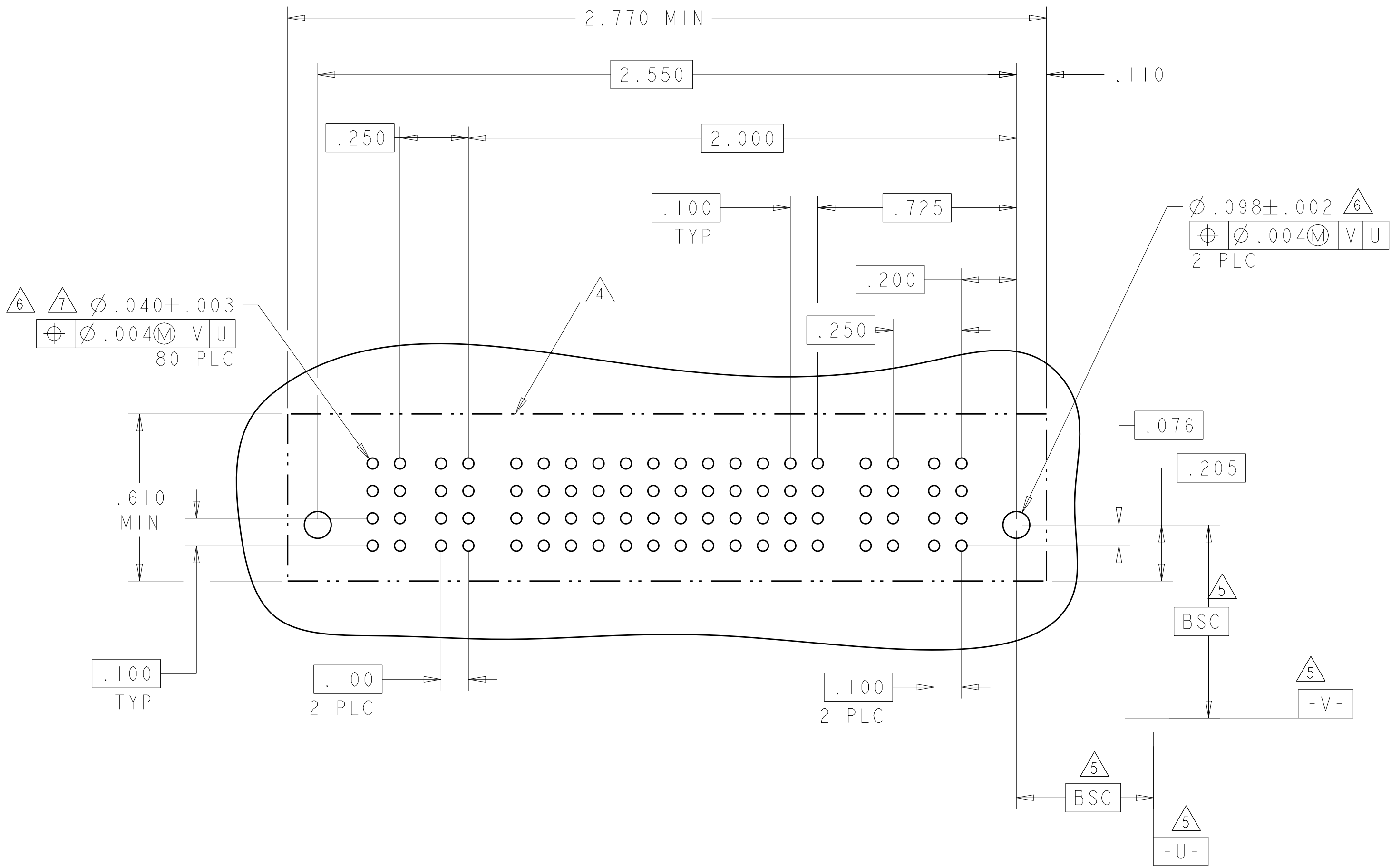
TE Connectivity

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

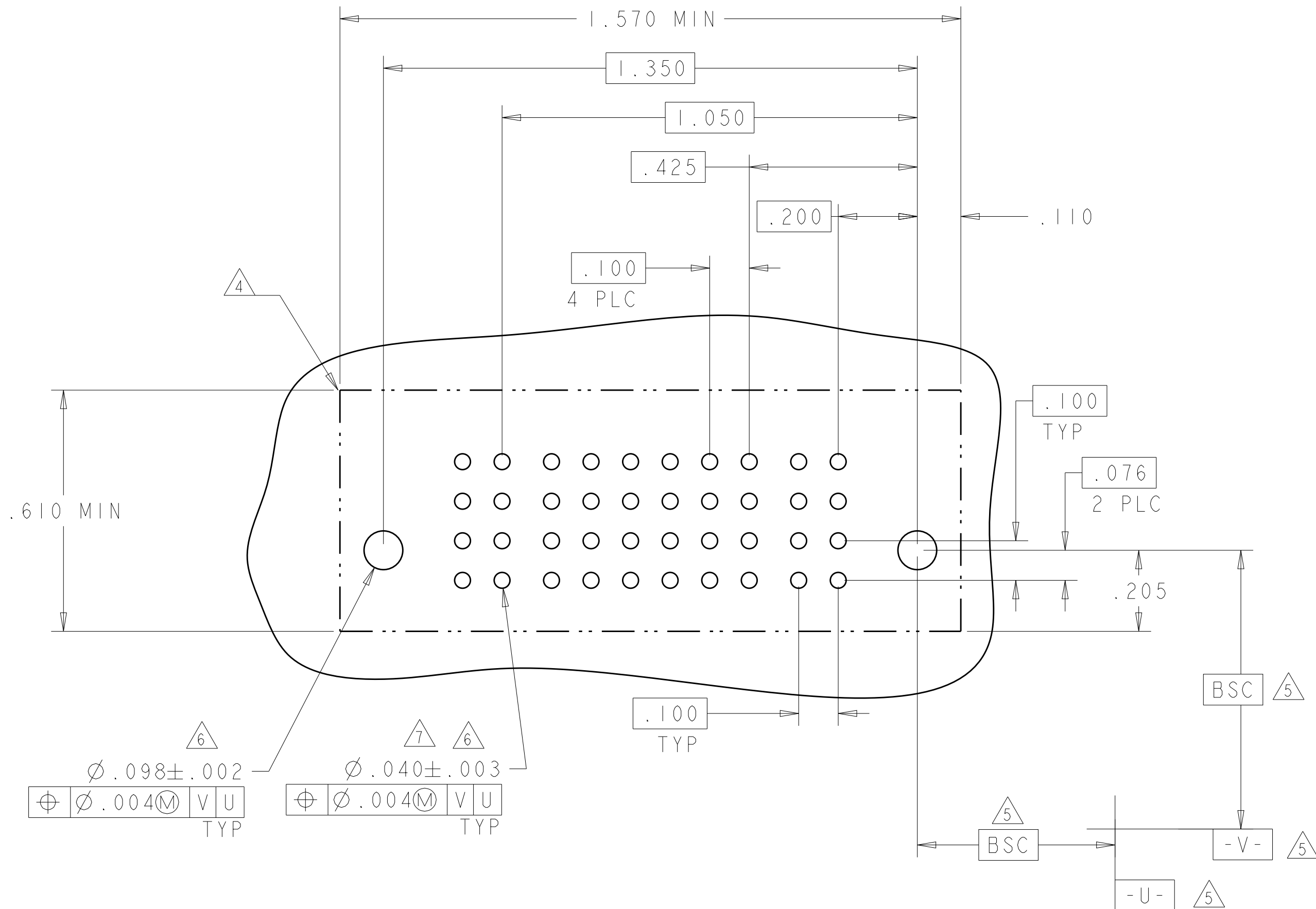
PART NUMBER	ROWS		POWER			SIGNAL		POWER		
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3-6450860-4	D		LSI	LSI	LSI	AP	AP	LSI	LSI	
	C					AP	AP			
	B					AP	AP			
	A					AP	AP			
2LP + 8S + 3LP										



PART NUMBER	ROWS		POWER		SIGNAL												POWER			
			P4	P3	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1		
3-6450860-6	D	 HD	GS	GS	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GS	 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			
2P + 48S + 2P																				



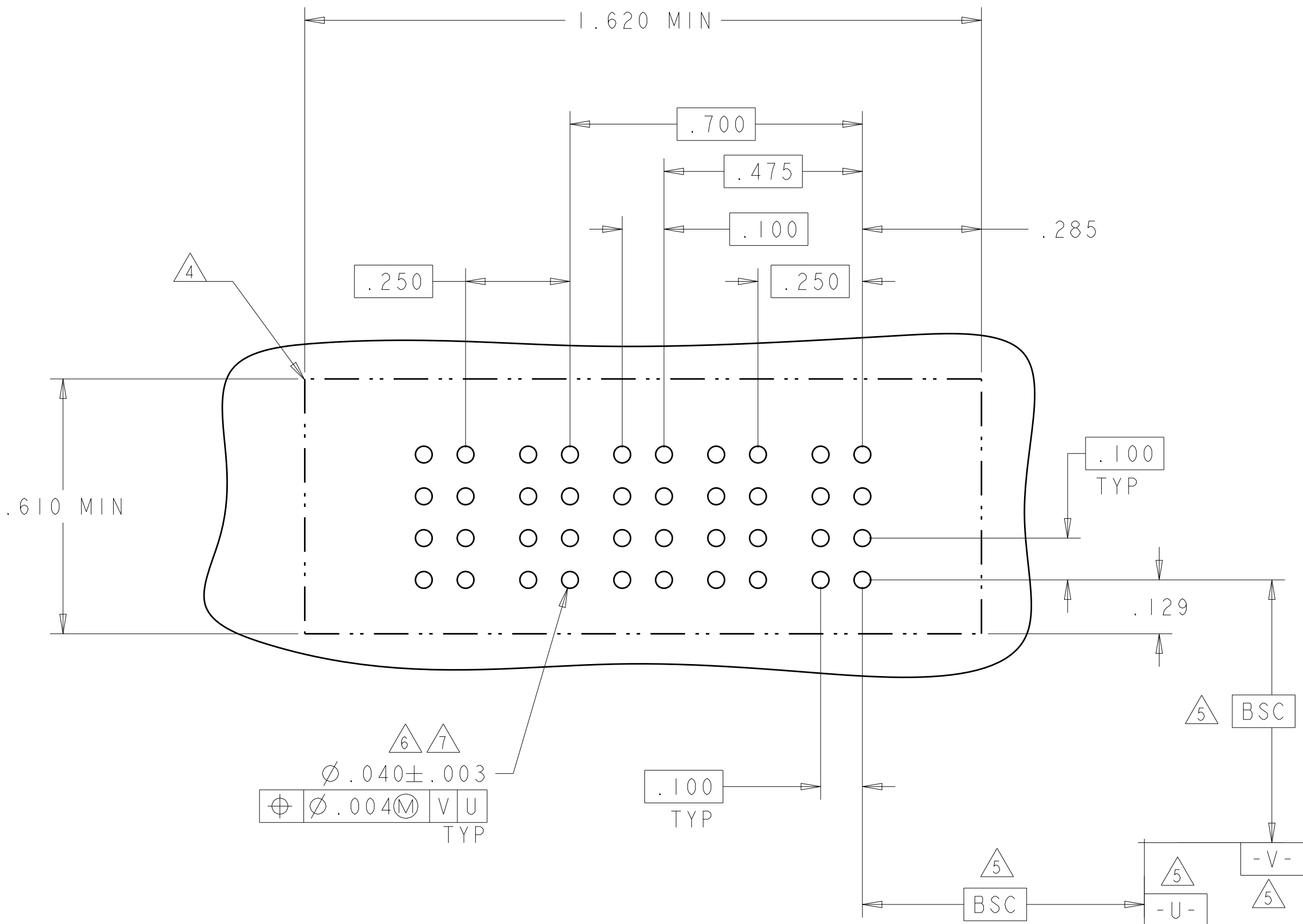
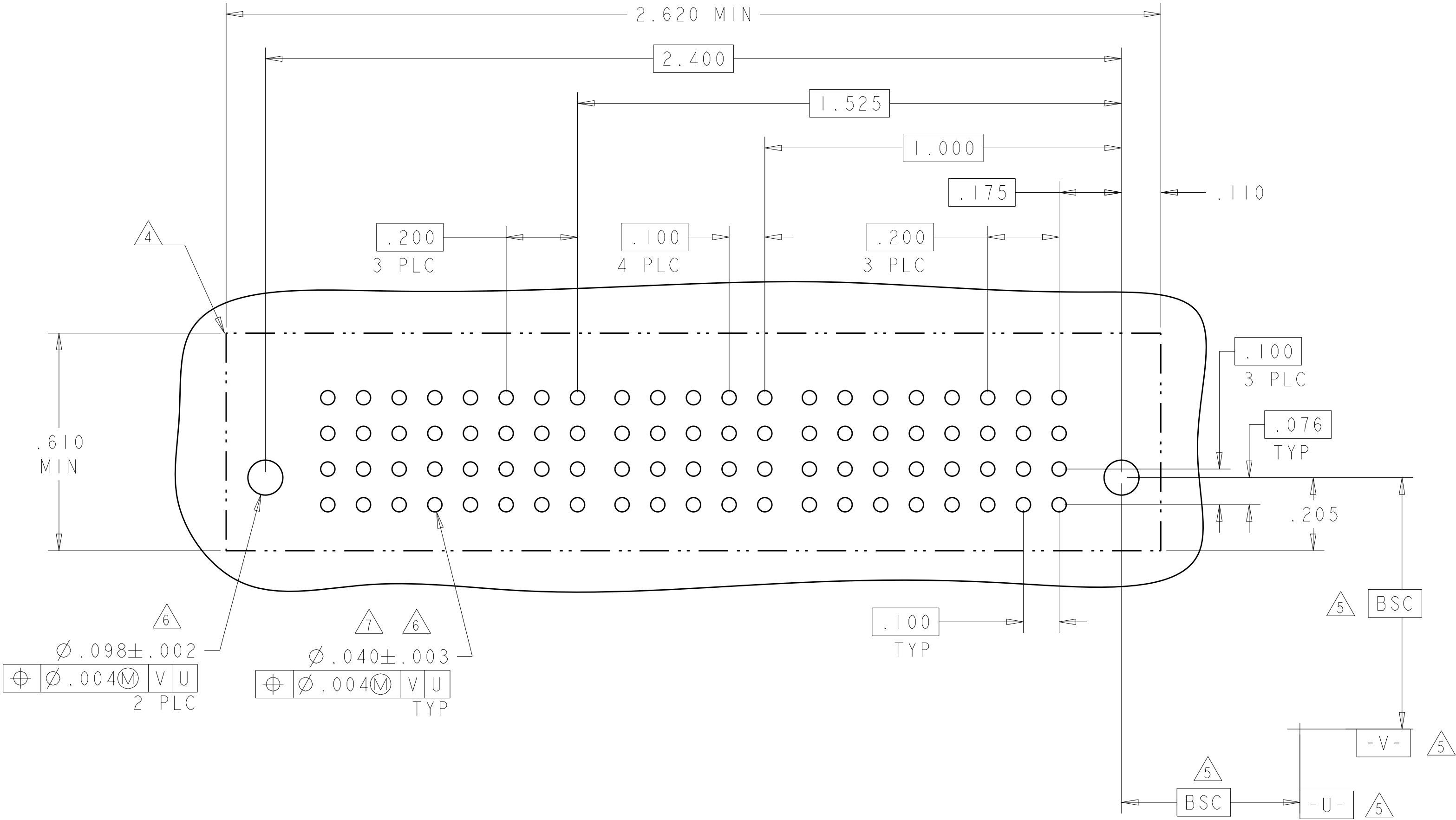
PART NUMBER	ROWS		POWER	SIGNAL						POWER	
			P2	6	5	4	3	2	1	P1	
4-6450860-0	D										
	C			AP	AP	AP	AP	AP	AP		
	B			AP	AP	AP	AP	AP	AP		
				AP	AP	AP	AP	AP	AP		
	A			AP	AP	AP	AP	AP	AP		
IP + 24S + IP											

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	5	4	3	2	1	P4	P3	P2	P1	
4-6450860-1	D					AP	AP	AP	AP	AP						
	AP					AP	AP	AP	AP							
	AP					AP	AP	AP	AP							
	AP					AP	AP	AP	AP							
4HDP + 20S + 4HDP																

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



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CHK
S. ZHAO
APVD
S. ZHAO

20DEC2007
20DEC2007
-

DIMENSIONS:
INCHES

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

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:
PRODUCT SPEC
108-2292
APPLICATION SPEC
114-13251
WEIGHT
-

CUSTOMER DRAWING

SCALE
N/A

SHEET
23

OF
28

REV
K2

TE Connectivity

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

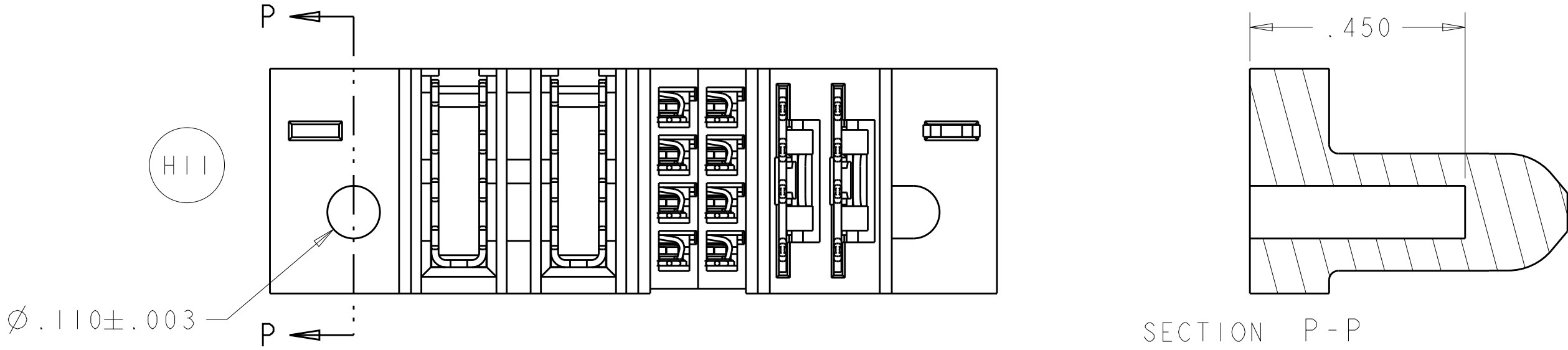
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A1

CAGE CODE
100779

DRAWING NO
6450860

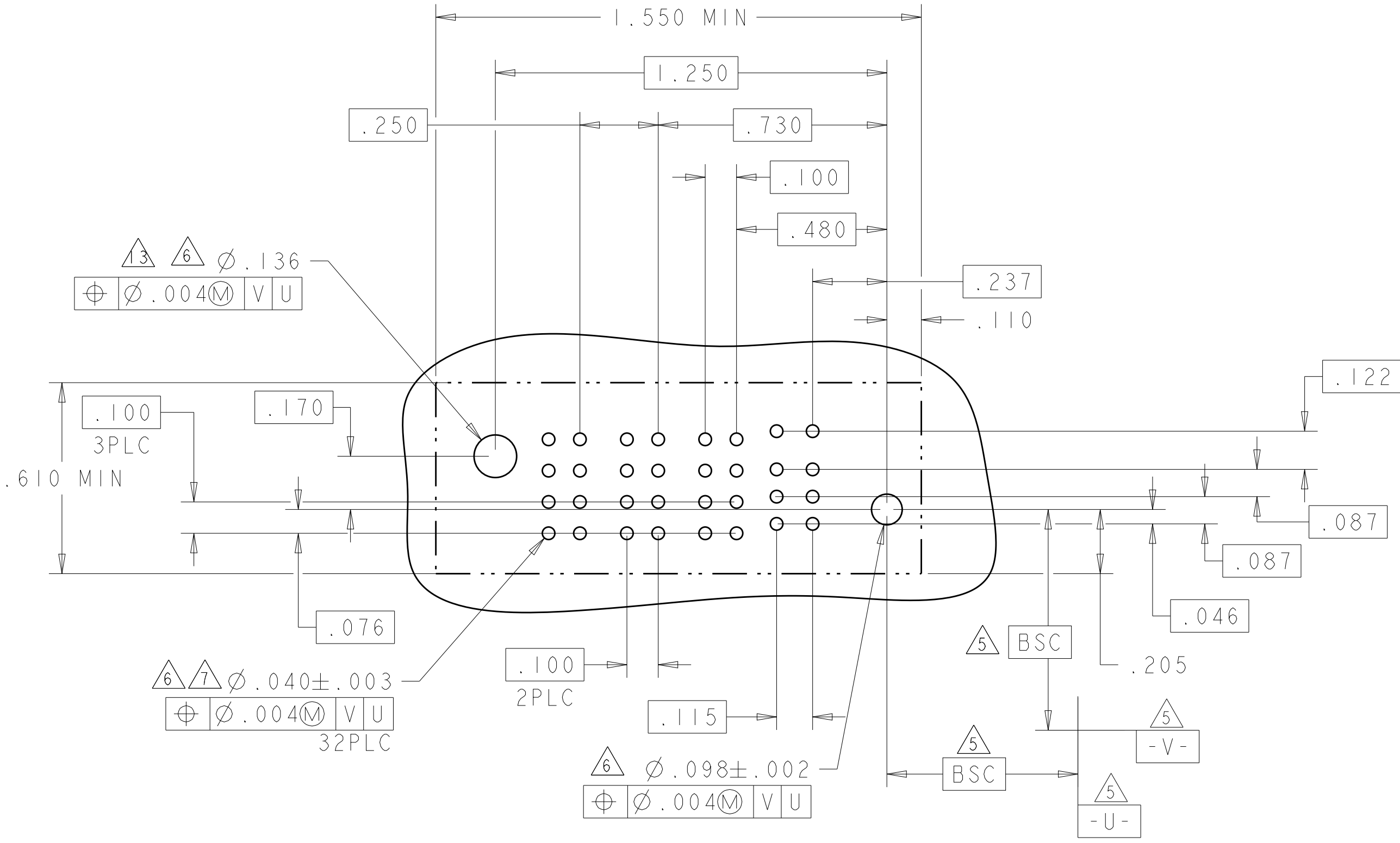
RESTRICTED TO
-

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



4-6450860-2

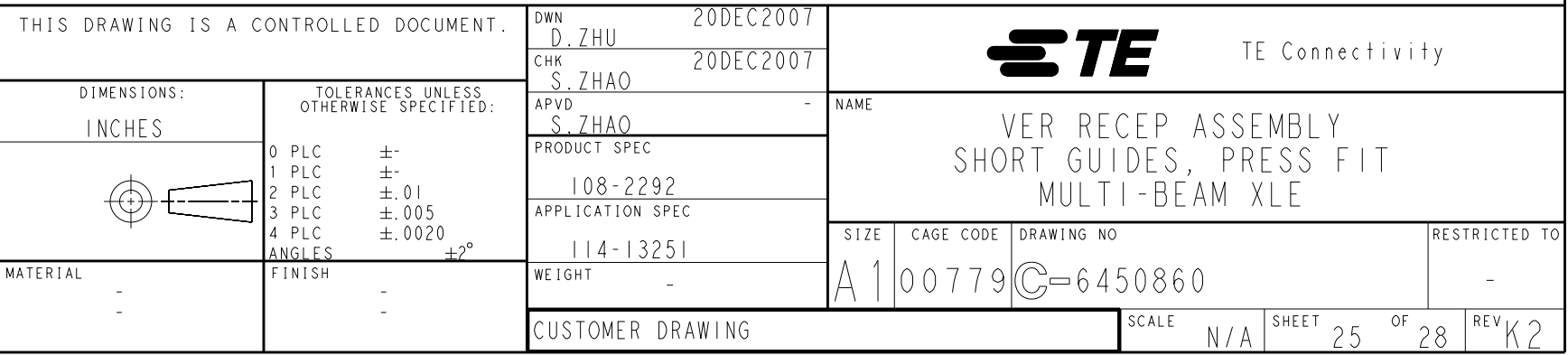
PART NUMBER	ROWS		POWER		SIGNAL		POWER		
			P4	P3	2	1	P2	P1	
4-6450860-2	D C B A		GS	GP	AP	AP	LSI	LSI	HD
					AP	AP			
					AP	AP			
					AP	AP			
2LP + 8S + 2P									



RECOMMENDED PCB LAYOUT

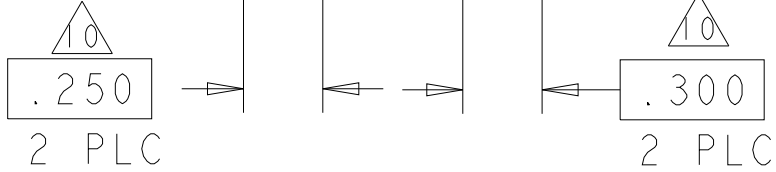
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. ZHU	20DEC2007	 TE Connectivity	
		CHK S. ZHAO	20DEC2007		
DIMENSIONS: INCHES		APVD S. ZHAO	-	NAME	
		PRODUCT SPEC		VER RECEP ASSEMBLY SHORT GUIDES, PRESS FIT MULTI-BEAM XLE	
		108-2292			
		APPLICATION SPEC		SIZE	
		114-13251		CAGE CODE	
		WEIGHT		DRAWING NO	
		CUSTOMER DRAWING		RESTRICTED TO	
				A 100779 © 6450860	
				SCALE N/A	
				SHEET 24	
				OF 28	
				REV K2	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D_ZHU		20DEC2007		 TE Connectivity			
		CWH S_ZHAO		20DEC2007					
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		VER RECP ASSEMBLY SHORT GUIDES, PRESS FIT MULTI-BEAM XLE			
		APVD S_ZHAO		PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251					
		SIZE						CAGE CODE	
		DRAWING NO						RESTRICTED TO	
MATERIAL		FINISH		WEIGHT		A100779 ©6450860			
						SCALE N/A SHEET 25 OF 28 REV K2			
CUSTOMER DRAWING									

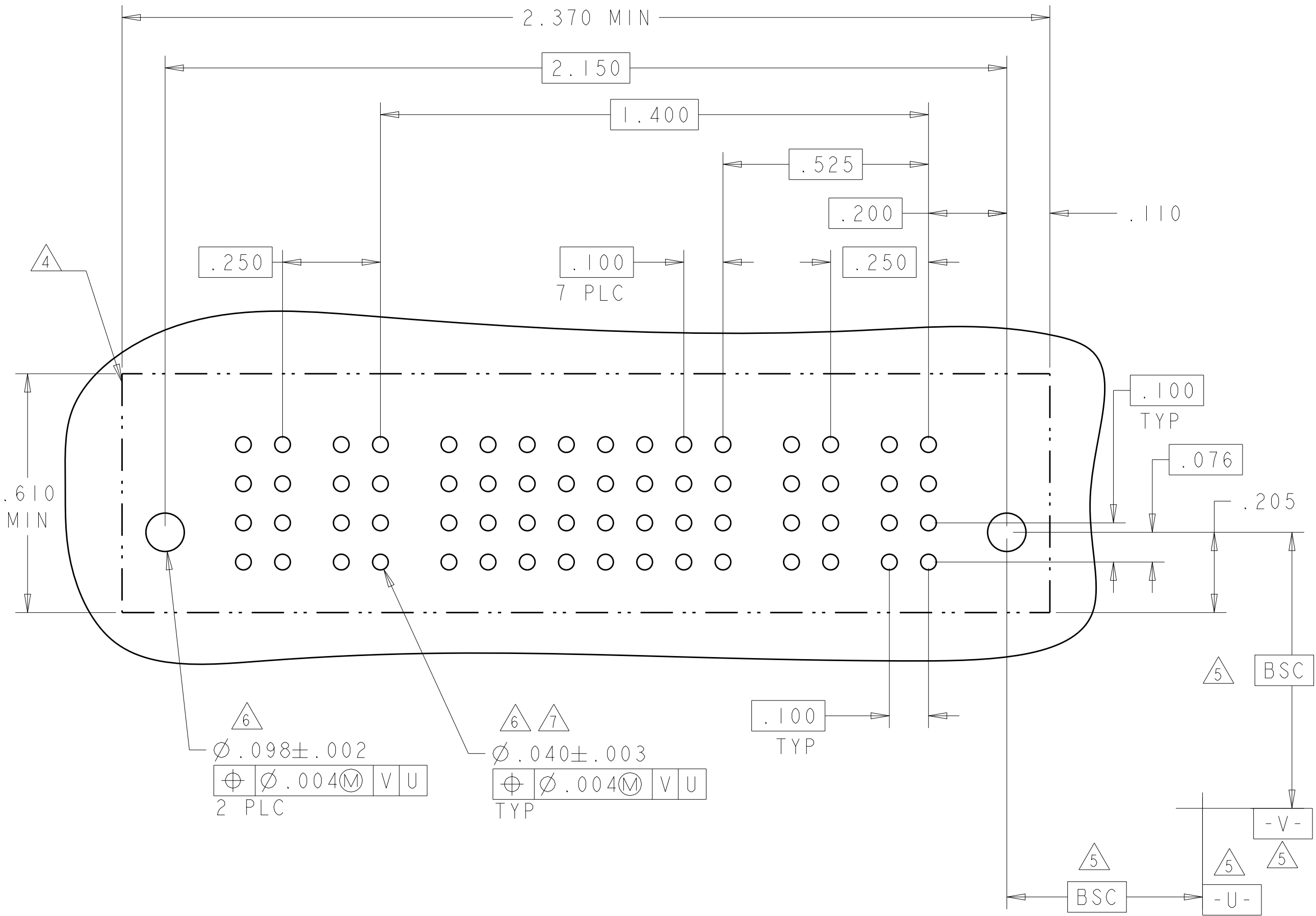
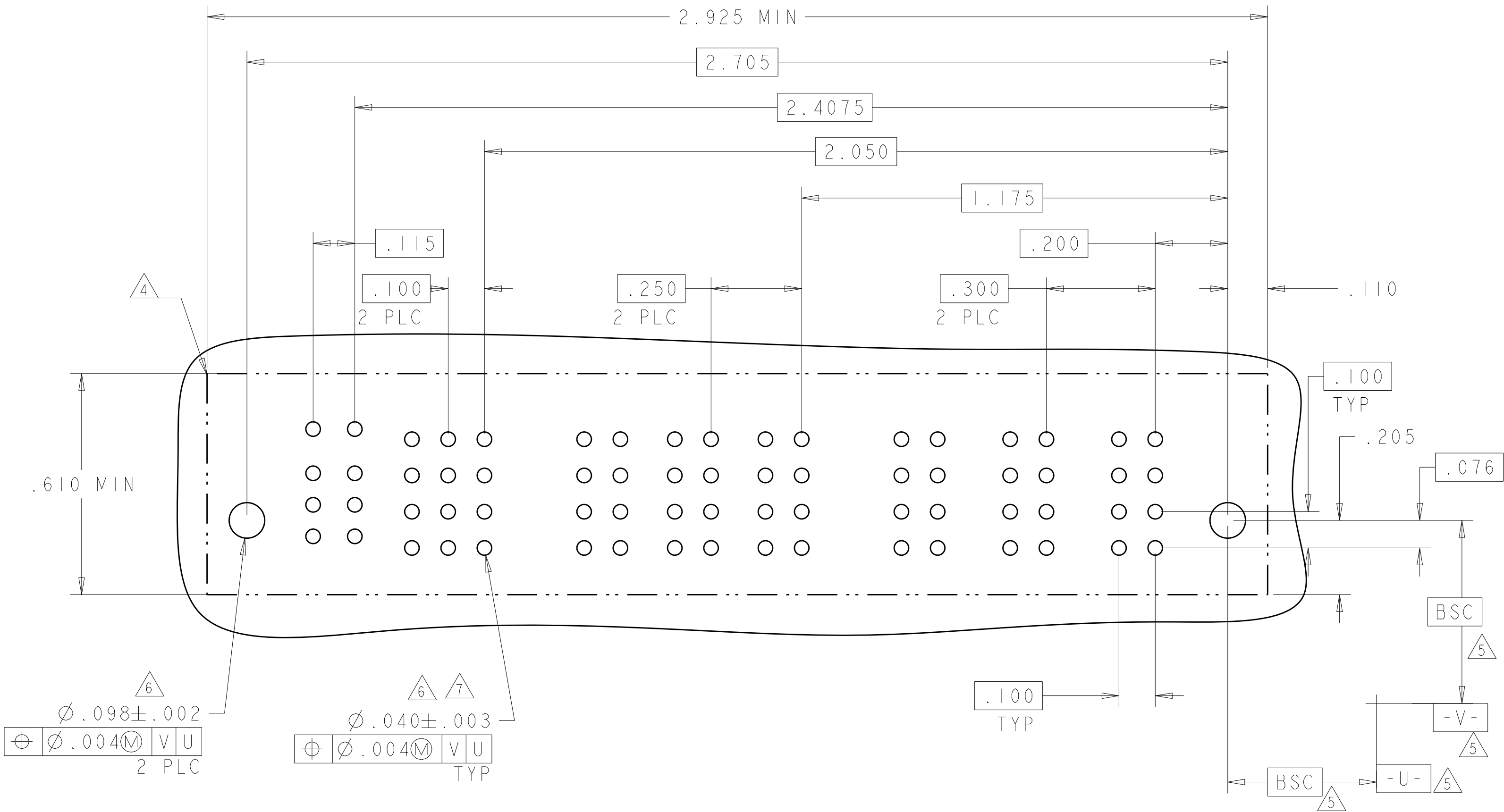


LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION			DATE	OWN	APVD	
-	-	SEE SHEET 1			-	-	-	

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															



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



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DWN
D. ZHU
20DEC2007

CHK
S. ZHAO
20DEC2007

APVD
S. ZHAO

DIMENSIONS:
INCHES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

PRODUCT SPEC
108-2292

APPLICATION SPEC
114-13251

WEIGHT

CUSTOMER DRAWING

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

SIZE
A1

CAGE CODE
100779

DRAWING NO
6450860

SCALE
N/A

SHEET
26

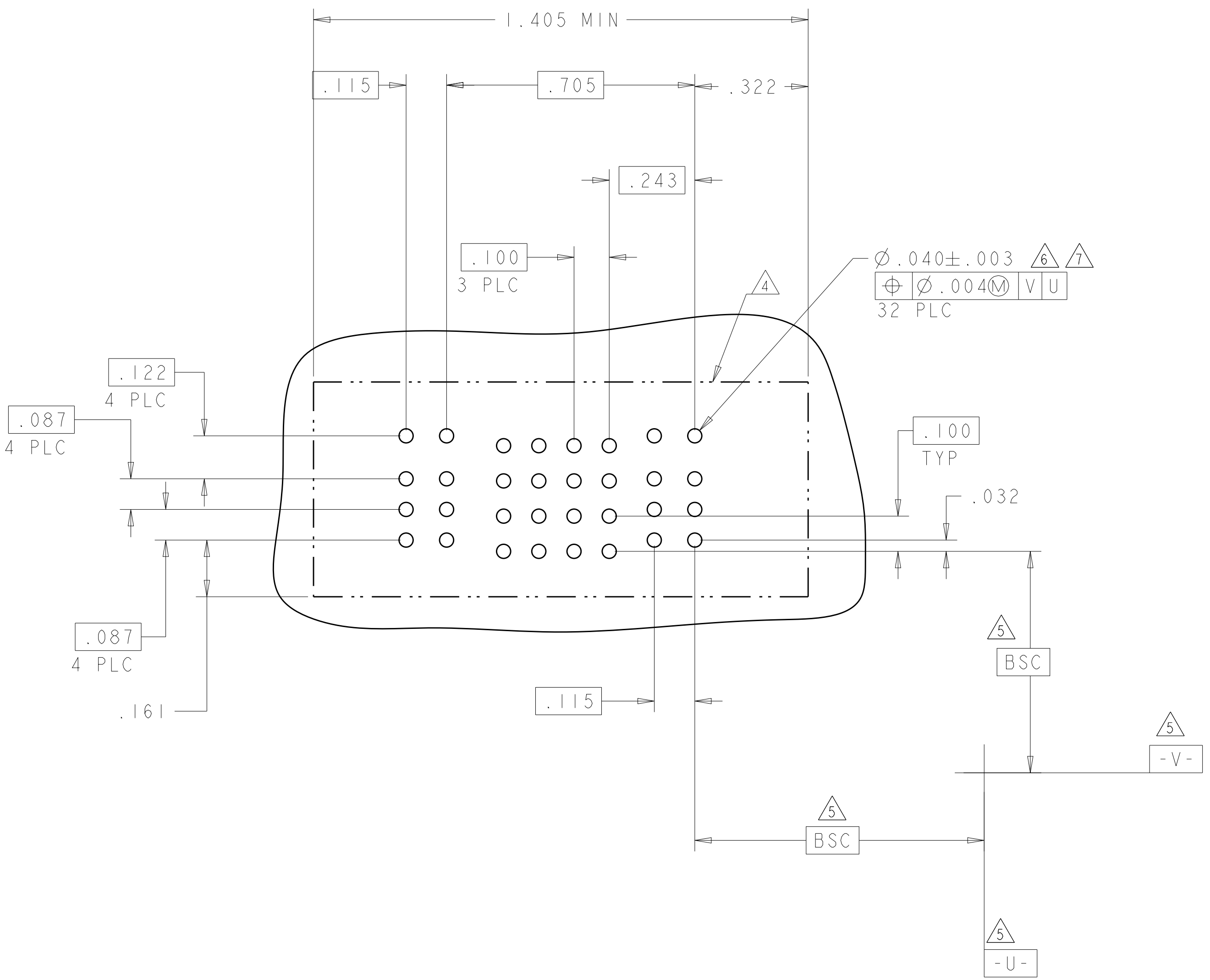
OF
28

REV
K2

TE Connectivity

RESTRICTED TO

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											

4805 (3/11)

Technical drawing of a PCB layout showing dimensions, tolerances, and manufacturing notes.

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

Manufacturing Notes and Tolerances:

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

4805 (3/11)

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2-6450860-9](#)