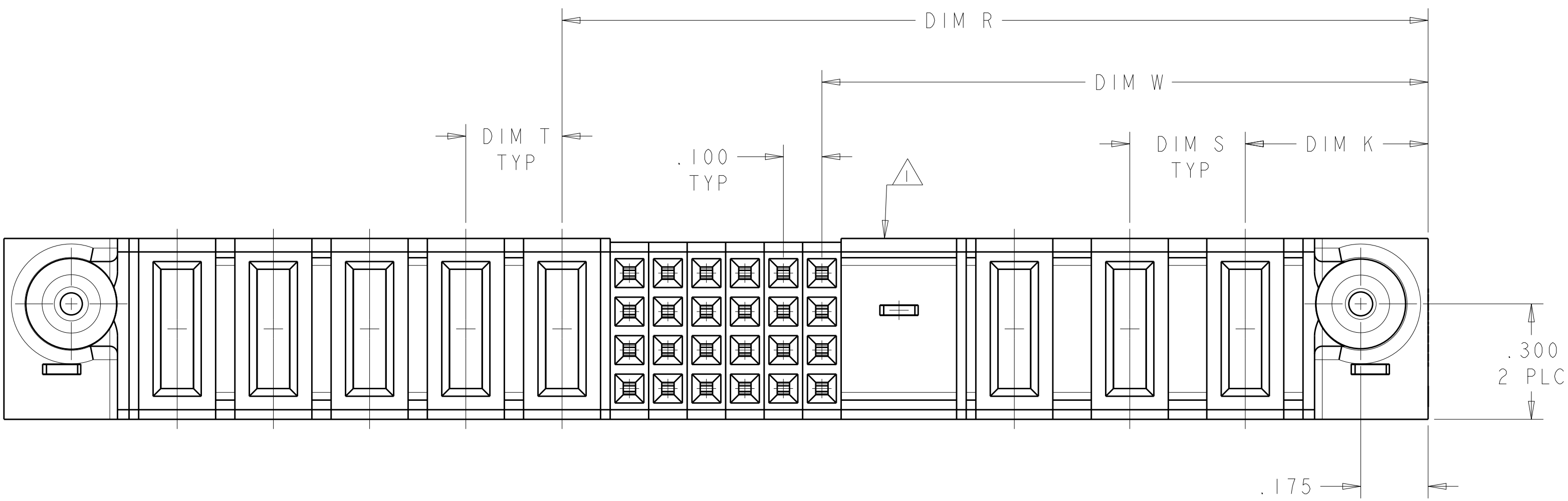
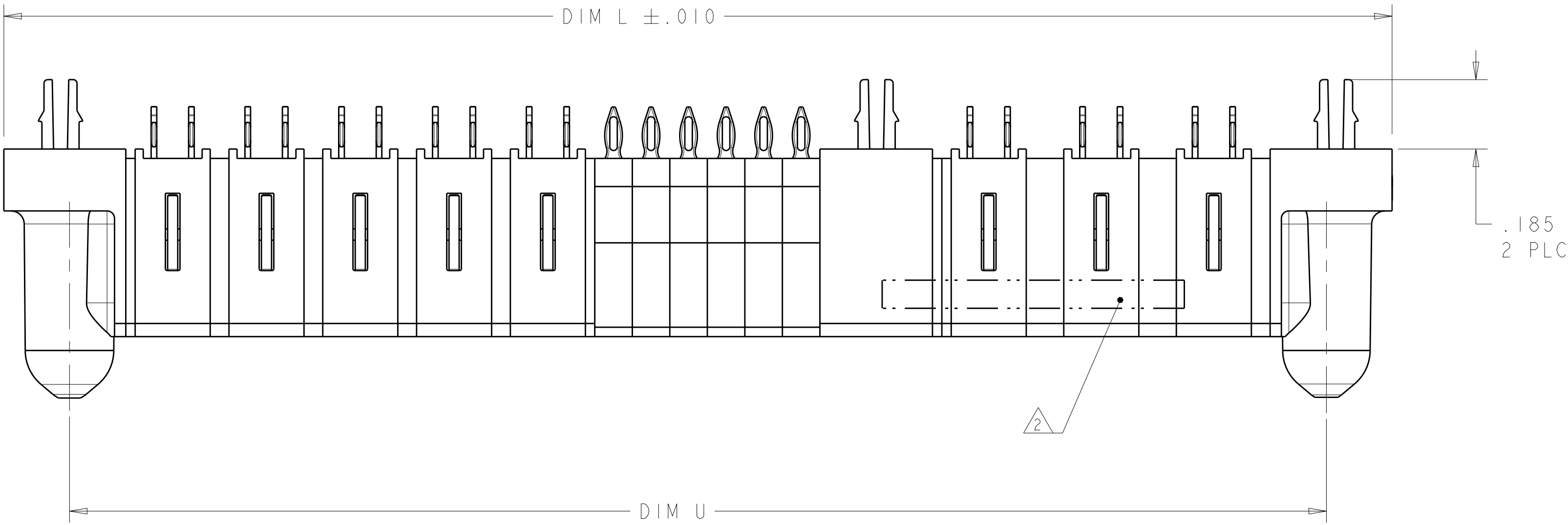
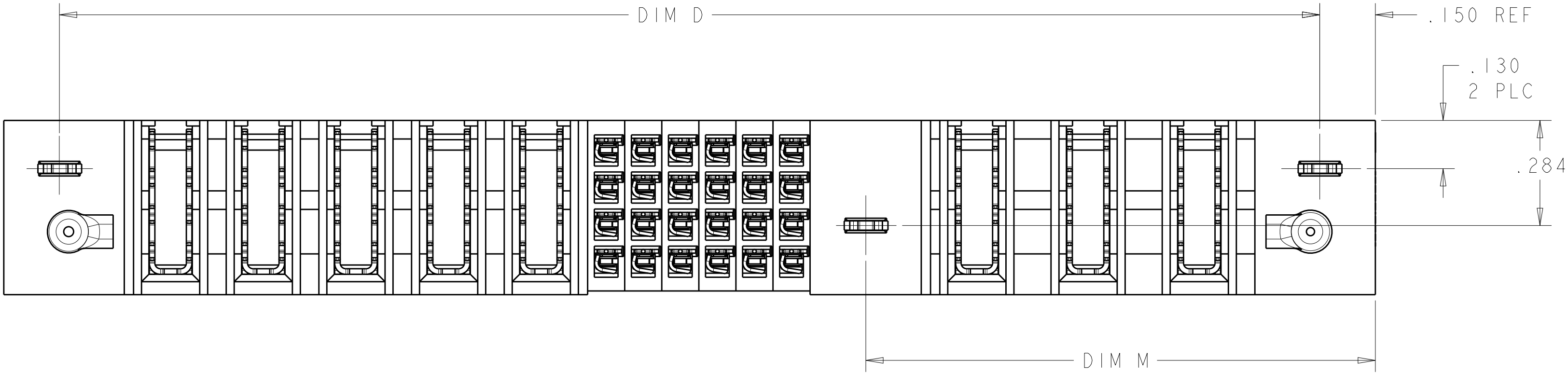
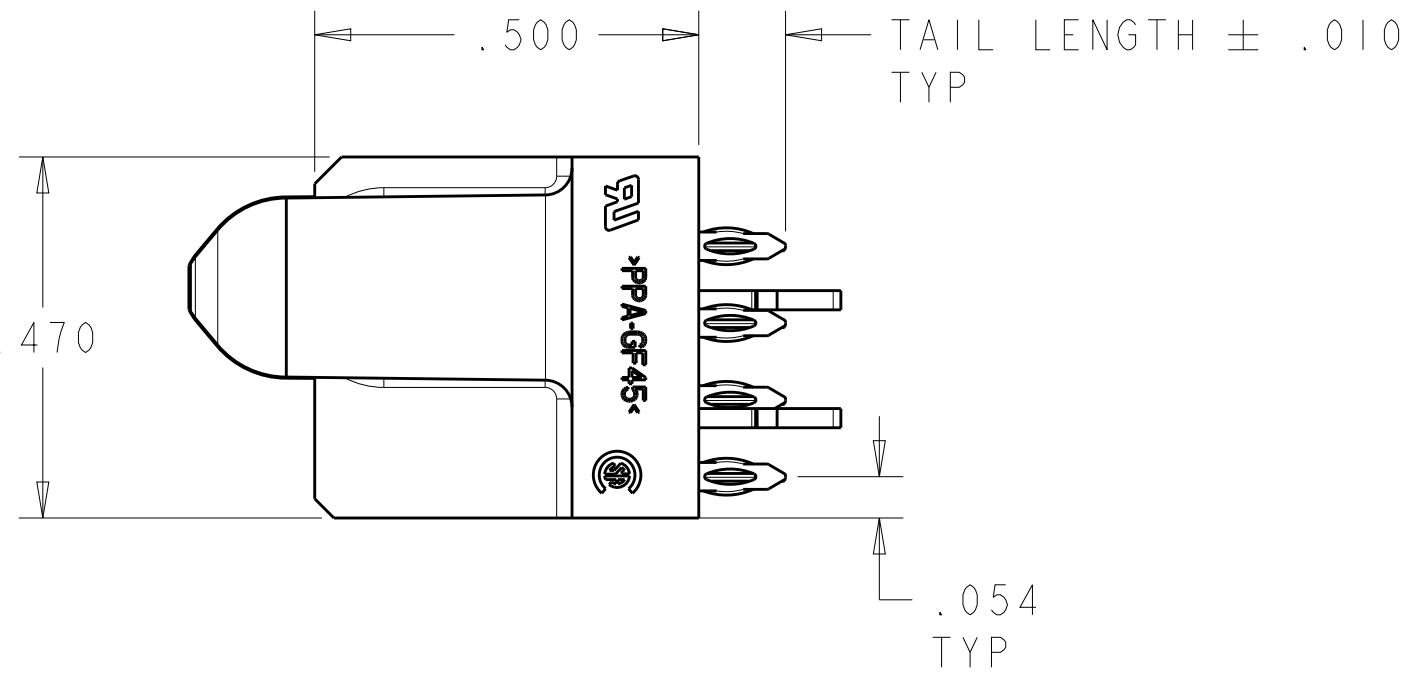


LOC		DIST		REVISIONS				
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		U3		REV PER ECR-13-015977	14OCT2013	CZ	SZ	



- OPTIONAL CENTER MODULE, WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE
- "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN MARKING ON BOTH SIDES PERMITTED FOR PARTS UNDER 2.00 LONG
- MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O,BLACK
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
- MECHANICAL CONNECTOR KEEP OUT ZONE
- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- PCB - .0453 ±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 PLATING TO ACHIEVE A .040 HOLE
- VARIABLE DIMENSION SHOWN ON VIEW (SHEET 7,10)



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHERKE APVD M.PERCHERKE	02MAY05 02MAY05	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2°		PRODUCT SPEC	
				108-1973	
				APPLICATION SPEC	
				114-13038	
MATERIAL		FINISH		WEIGHT	
				-	
				CUSTOMER DRAWING	
				SCALE 4:1	
				SHEET 1 OF 23	
				REV U3	

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

-	4.300	4.250	.250	.250	3.150	1.875	4.600	.450	6P + 48S + 5P	7-6450550-3
-	3.850	3.800	.250	.250	2.950	1.375	4.150	.450	4P + 60S + 4P	7-6450550-2
-	1.950	1.900	.250	.250	1.550	.875	2.250	.450	2P + 24S + 2P	7-6450550-1
-	2.350	2.300	.250	.250	1.700	1.175	2.650	.450	3P + 16S + 3P	6-6450550-9
-	2.650	2.600	.250	.250	2.000	1.125	2.950	.450	3P + 32S + 3P	6-6450550-7
-	2.050	2.000	.250	.250	1.650	.925	2.350	.450	2P + 24S + 2P	6-6450550-6
-	5.450	5.400	.250	.250	3.300	2.625	5.750	.450	9P + 24S + 9P	6-6450550-5
-	2.250	2.20	.250	.250	1.350	.875	2.550	.450	2P + 16S + 4P	6-6450550-4
-	4.450	4.400	.250	.250	2.800	2.125	4.750	.450	7P + 24S + 7P	6-6450550-3
-	-	3.950	.250	.200	2.125	1.025	4.300	.425	3P + 40S + 8P	6-6450550-2
-	5.450	5.400	.250	.250	3.300	2.625	5.750	.450	9P + 24S + 9P	6-6450550-1
-	3.300	3.250	.250	.250	2.400	1.675	3.600	.450	5P + 24S + 4P	6-6450550-0
-	3.300	3.250	.250	.250	2.150	1.425	3.600	.450	4P + 24S + 5P	5-6450550-9
-	2.150	2.100	-	.250	1.750	.875	2.450	.450	2P + 32S + 2P	5-6450550-8
-	3.050	3.000	.250	.250	2.150	1.425	3.350	.450	4P + 24S + 4P	5-6450550-7
-	2.250	2.200	.200	.200	1.725	1.025	2.550	.425	3P + 24S + 3P	5-6450550-6
-	3.300	3.250	.250	.250	2.150	1.425	3.600	.450	4P + 24S + 5P	5-6450550-5
-	2.250	2.200	.250	.250	1.350	.875	2.550	.450	2P + 16S + 4P	5-6450550-4
-	-	3.050	.250	.300	1.950	1.275	3.400	.475	3ACP + 24S + 5P	5-6450550-3
-	1.950	1.900	.250	.250	1.550	.875	2.250	.450	2P +24S + 2P	5-6450550-0
-	-	6.300			3.925	3.275	6.650	.425	14P + 24S + 12P	4-6450550-9
-	1.950	1.900	.250	.250	1.550	.875	2.250	.450	2P + 24S + 2P	4-6450550-7
-	3.950	3.900	.250	.250	2.550	1.875	4.250	.450	6P + 24S + 6P	4-6450550-5
-	-	2.400	.250	.250	1.550	1.375	2.750	.450	4P + 4S + 4P	4-6450550-2
-	-	2.400	.250	.250	1.550	.875	2.750	.450	2P + 24S + 4P	4-6450550-0
-	-	3.100	.200	.200	2.225	1.375	3.450	.425	5P + 32S + 5P	3-6450550-5
-	-	5.450			3.075	2.425	5.800	.425	10P + 24S + 12P	3-6450550-2
-	3.350	3.300	.250	.250	2.450	1.375	3.650	.450	4P + 40S + 4P	2-6450550-9
-	-	3.100	.200	.200	2.225	1.375	3.450	.425	5P + 32S + 5P	2-6450550-8
-	-	2.100	.250	.300	1.750	1.275	2.450	.475	3ACP + 16S + 2P	2-6450550-4
-	-	2.250	.250	.200	1.900	1.225	2.600	.450	4P + 24S + 2P	1-6450550-9
-	4.325	4.275	.250		3.175	2.500	4.625	.475	2ACP + 6P + 24S + 5P	1-6450550-8
-	-	1.575	-	-	1.425	.700	1.925	.475	1P +24S + 1P	1-6450550-7
-	-	2.500	.250	.250	2.150	1.425	2.850	.450	4P + 24S + 2P	1-6450550-6
-	1.950	1.900	.250	.250	1.550	.875	2.250	.450	2P + 24S + 2P	1-6450550-5
-	2.850	2.800	.300	.250	2.075	1.375	3.150	.450	4P + 24S + 3ACP	1-6450550-4
-	3.550	3.500	.200	.200	2.225	1.775	3.850	.425	7P + 16S + 7P	1-6450550-3
-	4.450	4.400	.250	.250	4.050	.875	4.750	.450	2P + 124S + 2P	1-6450550-2
-	4.550	4.500	.250	.300	1.650	.975	4.850	.475	2ACP + 24S + 12P	1-6450550-1
-	2.550	2.500	.250	.250	2.150	.875	2.850	.450	2P + 48S + 2P	1-6450550-0
-	-	4.050	.300	.250	3.350	2.875	4.400	.450	10P + 16S + 3ACP	6450550-8
-	-	3.950	.250	.200	2.125	1.025	4.300	.425	3P + 40S + 8P	6450550-7
-	-	4.050	-	.250	3.950	.875	4.400	.450	2P + 120S + 1P	6450550-6
-	-	3.250	-	.250	3.150	.875	3.600	.450	2P + 88S + 1P	6450550-5
-	-	1.400	-	-	1.300	.625	1.750	.450	1P + 24S + 1P	6450550-4
-	-	2.900	.250	.250	2.550	.875	3.250	.450	2P + 64S + 2P	6450550-3
-	-	2.550	.300	.250	1.825	1.125	2.900	.450	3P + 24S + 3ACP	6450550-2
-	-	3.050	.250	.300	1.950	1.275	3.400	.475	3ACP + 24S + 5P	6450550-1
M	D	U	T	S	R	W	L	K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. OTHERWISE SPECIFIED:

DIMENSIONS: INCHES

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

DWN R. GRZYBOWSKI
CHK M. PERCHERKE
APVD M. PERCHERKE

02MAY05
02MAY05
-

PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038
WEIGHT -

CUSTOMER DRAWING

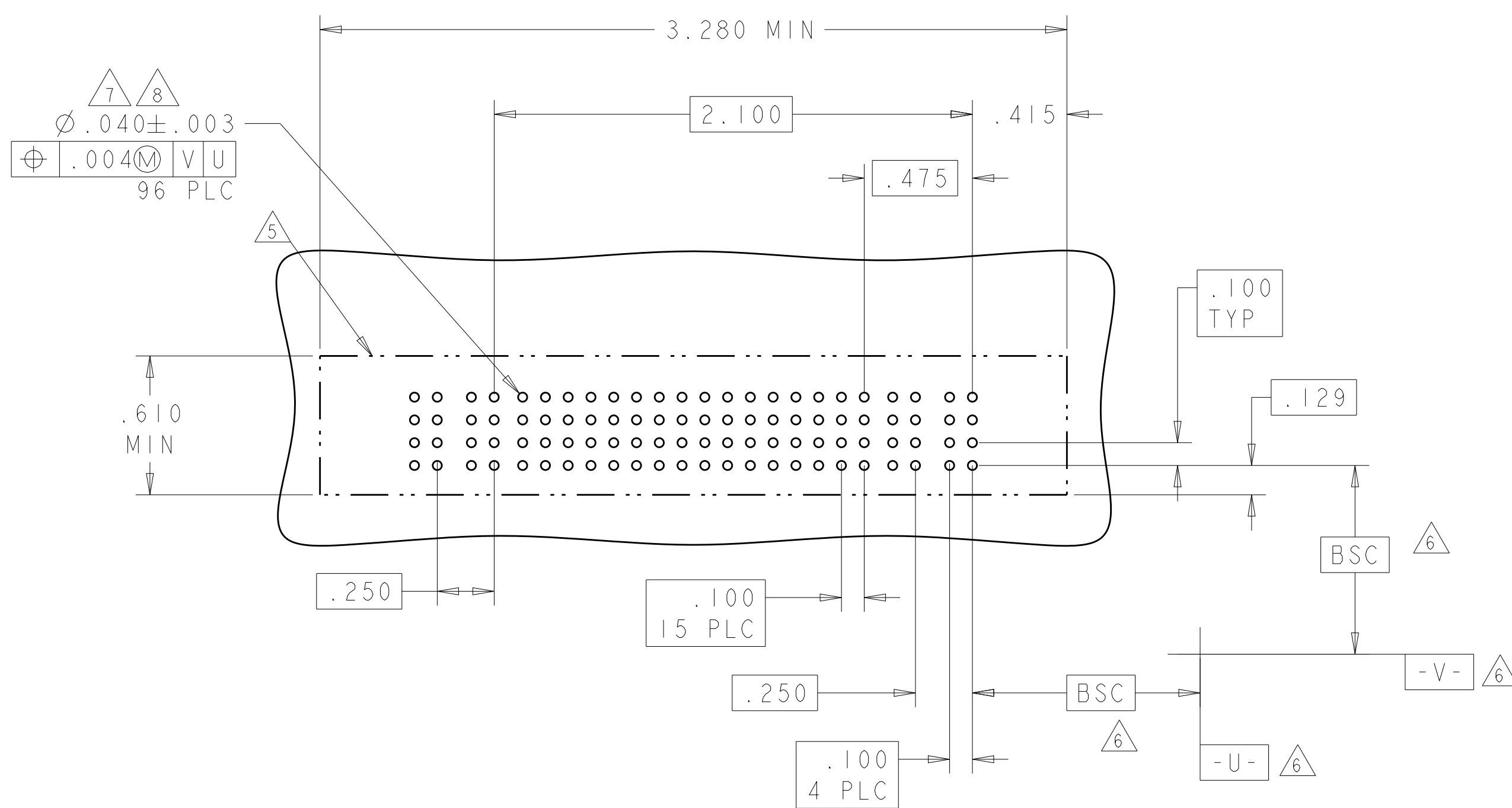
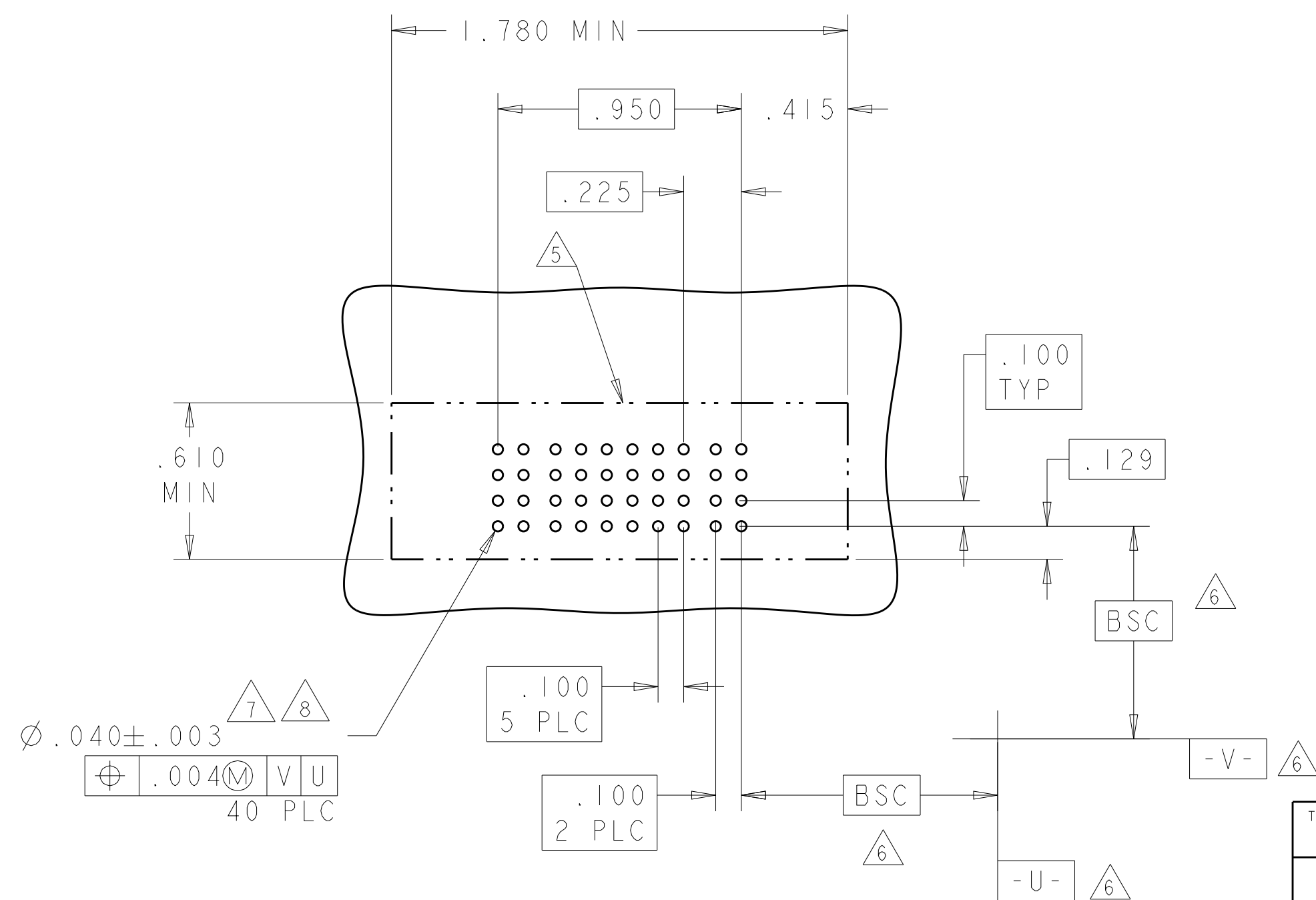
NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL

SIZE A1
CAGE CODE 100779
DRAWING NO 6450550

RESTRICTED TO -

TE Connectivity

SCALE 4:1
SHEET 2 OF 23
REV U3

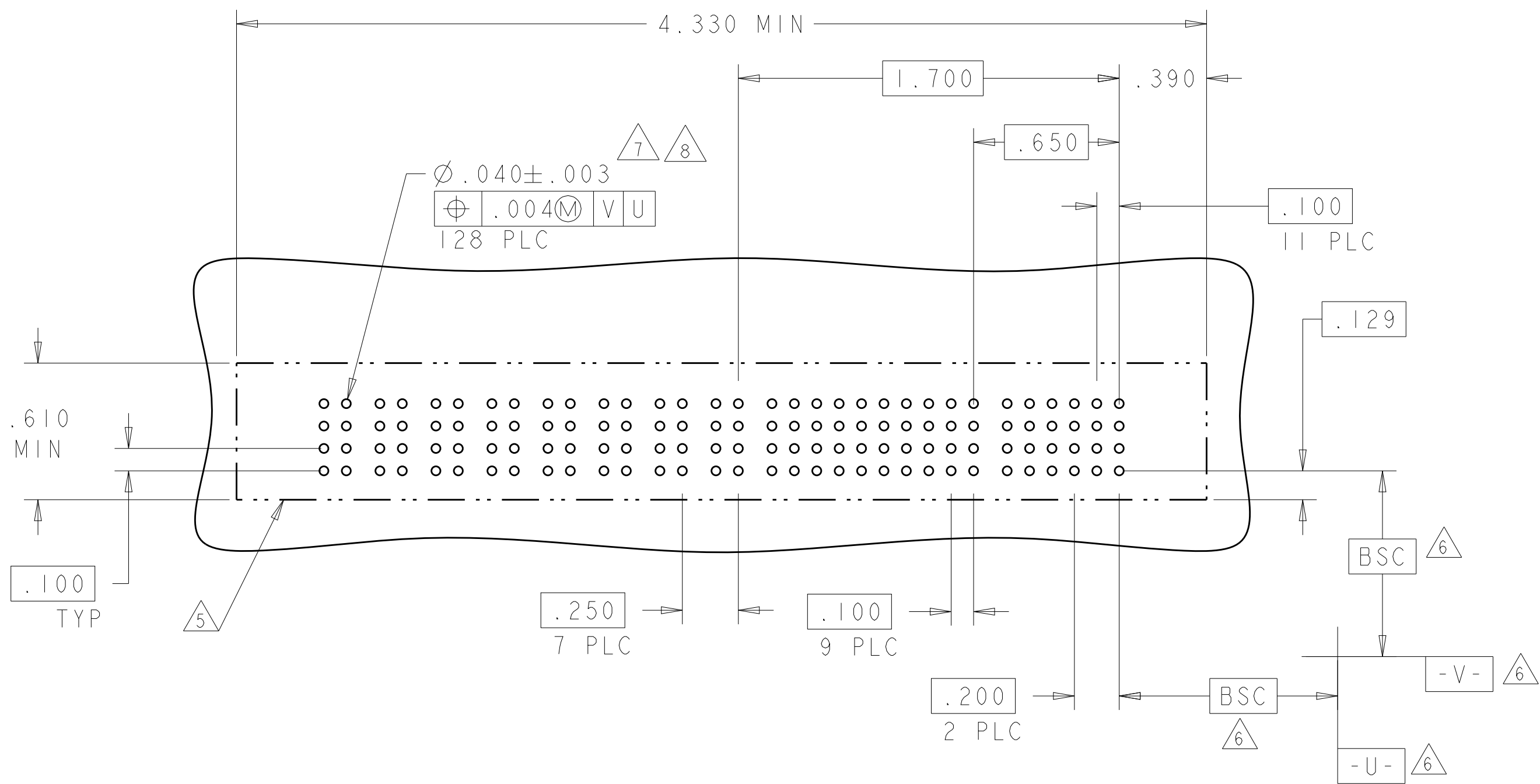
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VS	POWER CONTACT STD	.115
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PT	POWER CONTACT MFBL	.135
ST	POWER CONTACT STD	.135
BP	SIGNAL CONTACT	.165
HS	POWER CONTACT, STD	.165
HP	POWER CONTACT, MFBL	.165
AP	SIGNAL CONTACT	.135
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CODE	DESCRIPTION	TAIL LENGTH

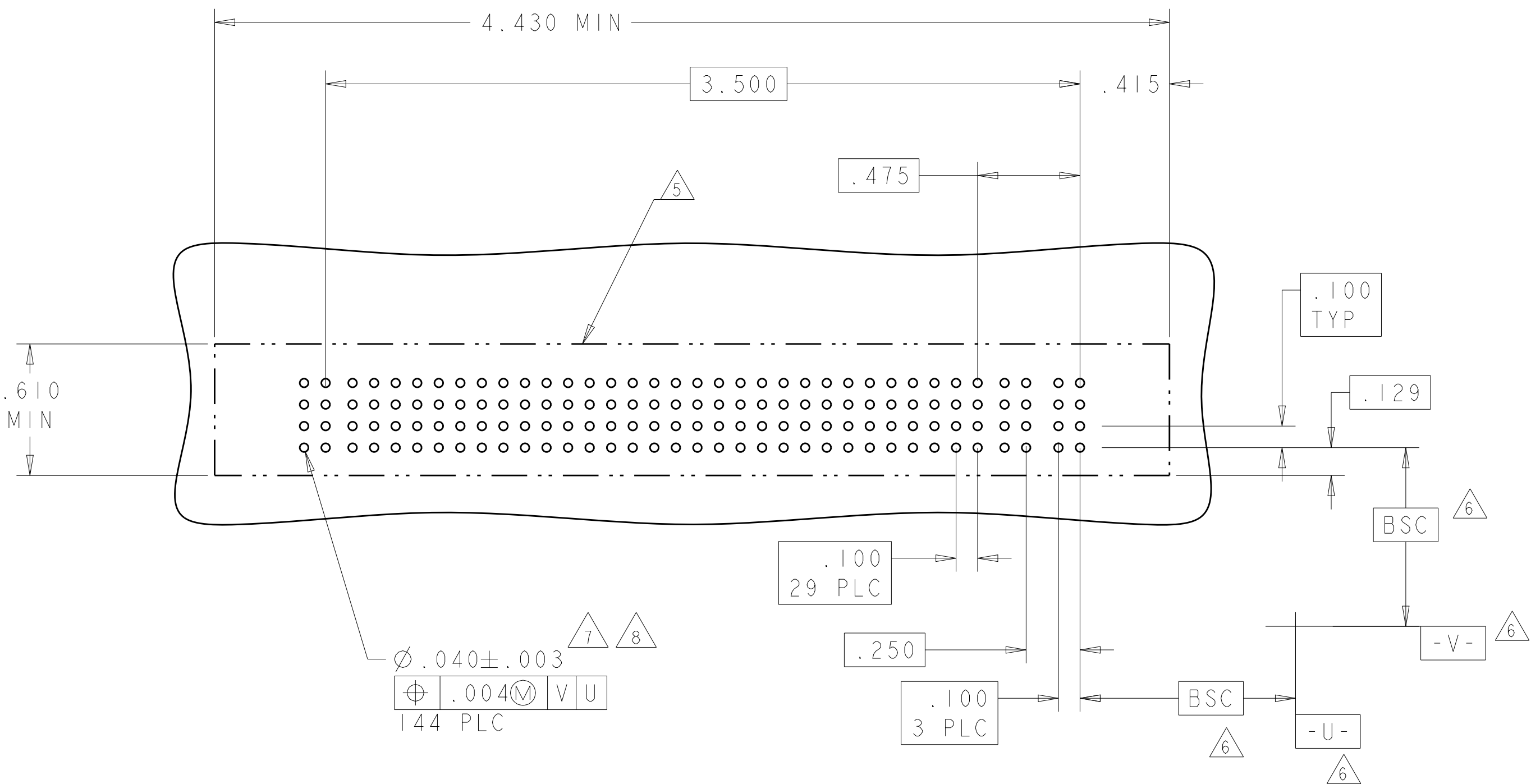
CONTACT TALE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 02MAY05 R. GRZYBOWSKI CHR 02MAY05 M. PERCHERKE		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.1 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020		NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE A1	
MATERIAL FINISH		WEIGHT -		DRAWING NO C-6450550	
		CUSTOMER DRAWING		SCALE 4:1 SHEET 3 OF 23 REV 113	

PART NUMBER	ROWS		POWER								SIGNAL											POWER			
			P11	P10	P9	P8	P7	P6	P5	P4	10	9	8	7	6	5	4	3	2	1	P3	P2	P1		
6450550-7	D C B A		GS	GS	GP	GP	GS	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GP	GS			
			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GP	GS			
			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GP	GS			
			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GP	GS			
3P + 40S + 8P																									

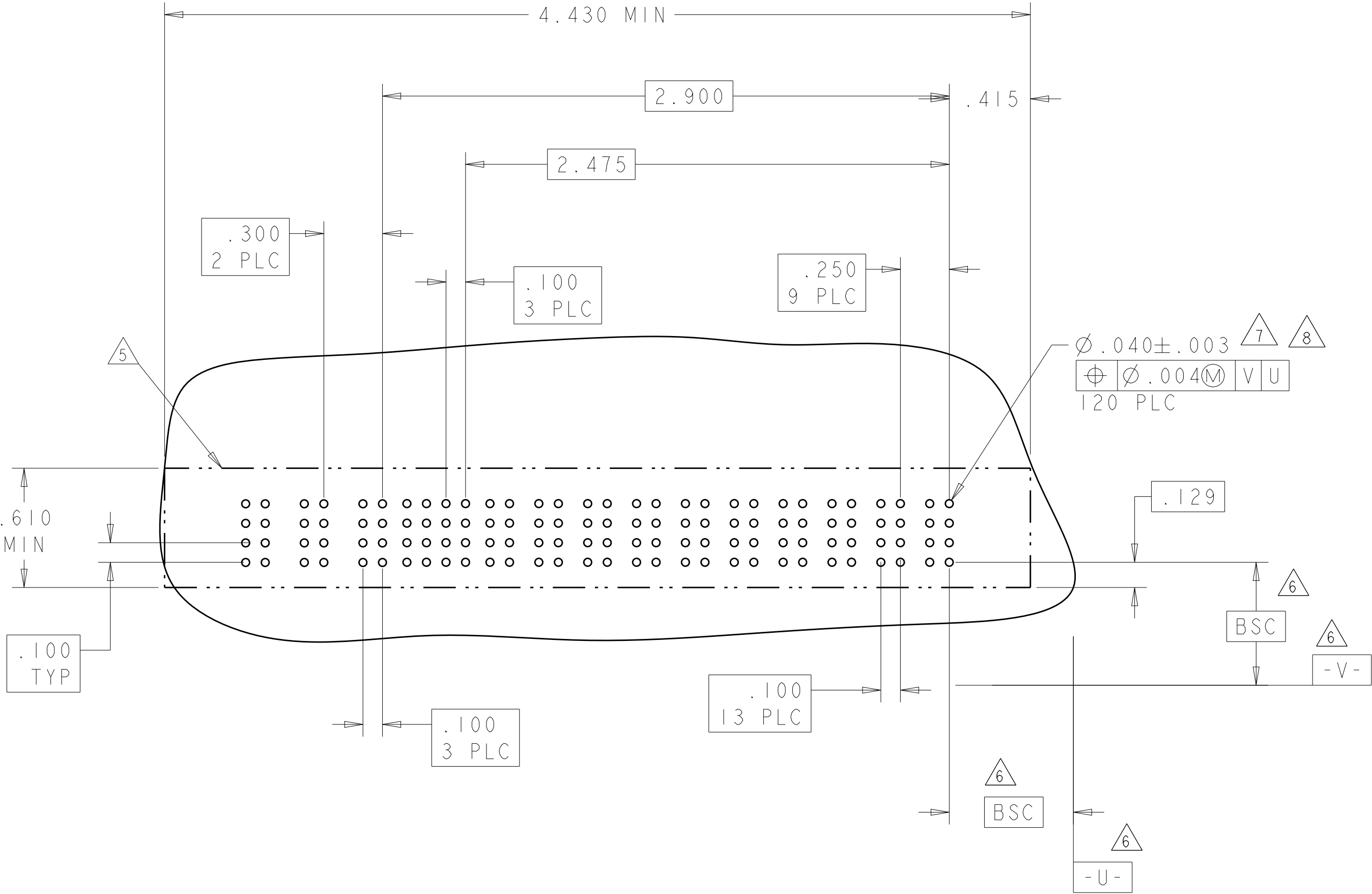


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 02MAT05		TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±°		NAME M. PERCHERKE PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	
MATERIAL		FINISH		SIZE CAGE CODE DRAWING NO RESTRICTED TO A 00779 © 6450550 -	
		WEIGHT		CUSTOMER DRAWING SCALE 4:1 SHEET 4 OF 23 REV U3	

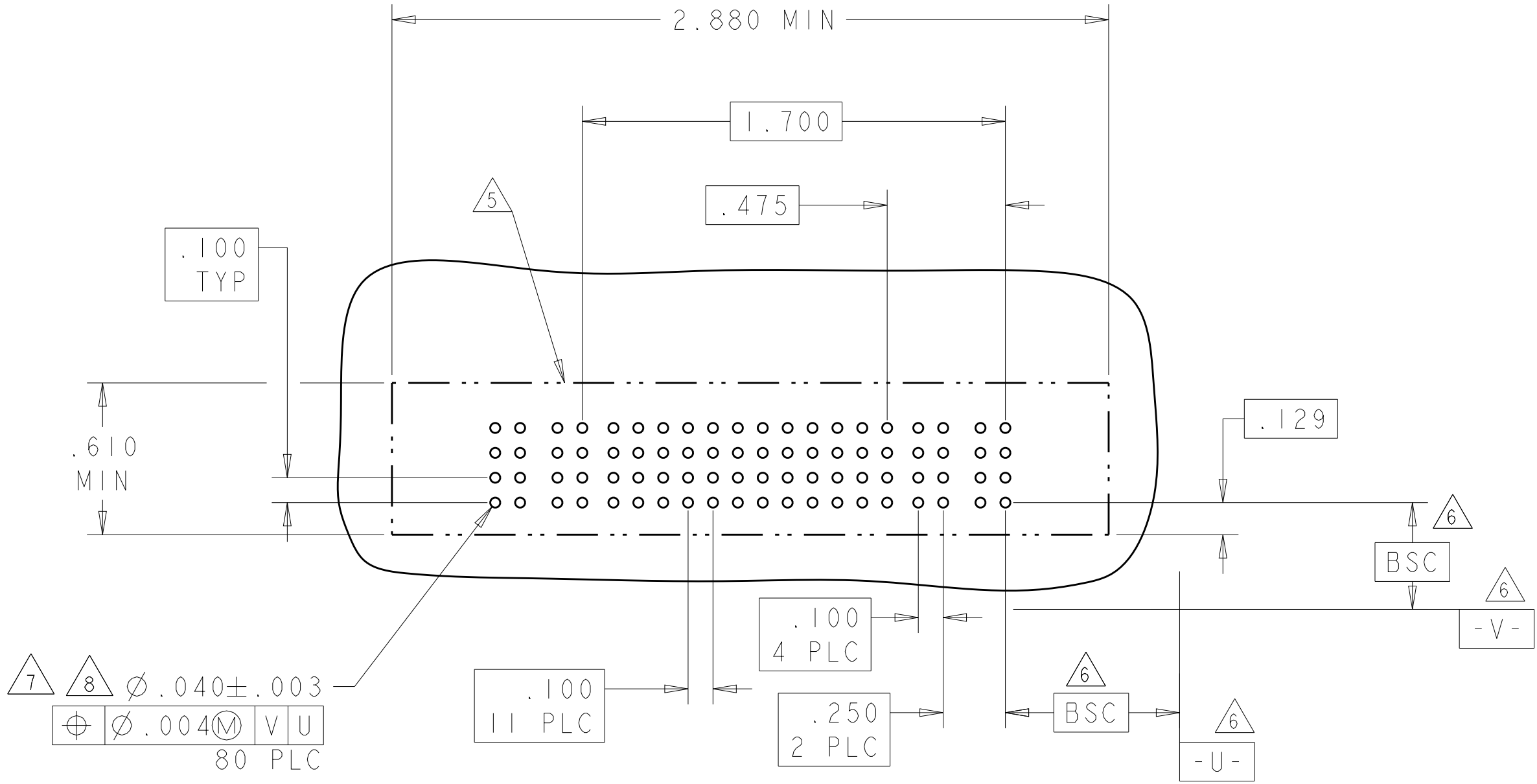


LOC		DIST		REVISIONS				
ES	00	P	LTR	DESCRIPTION		DATE	DWN	APVD
		-		SEE SHEET 1		-	-	-

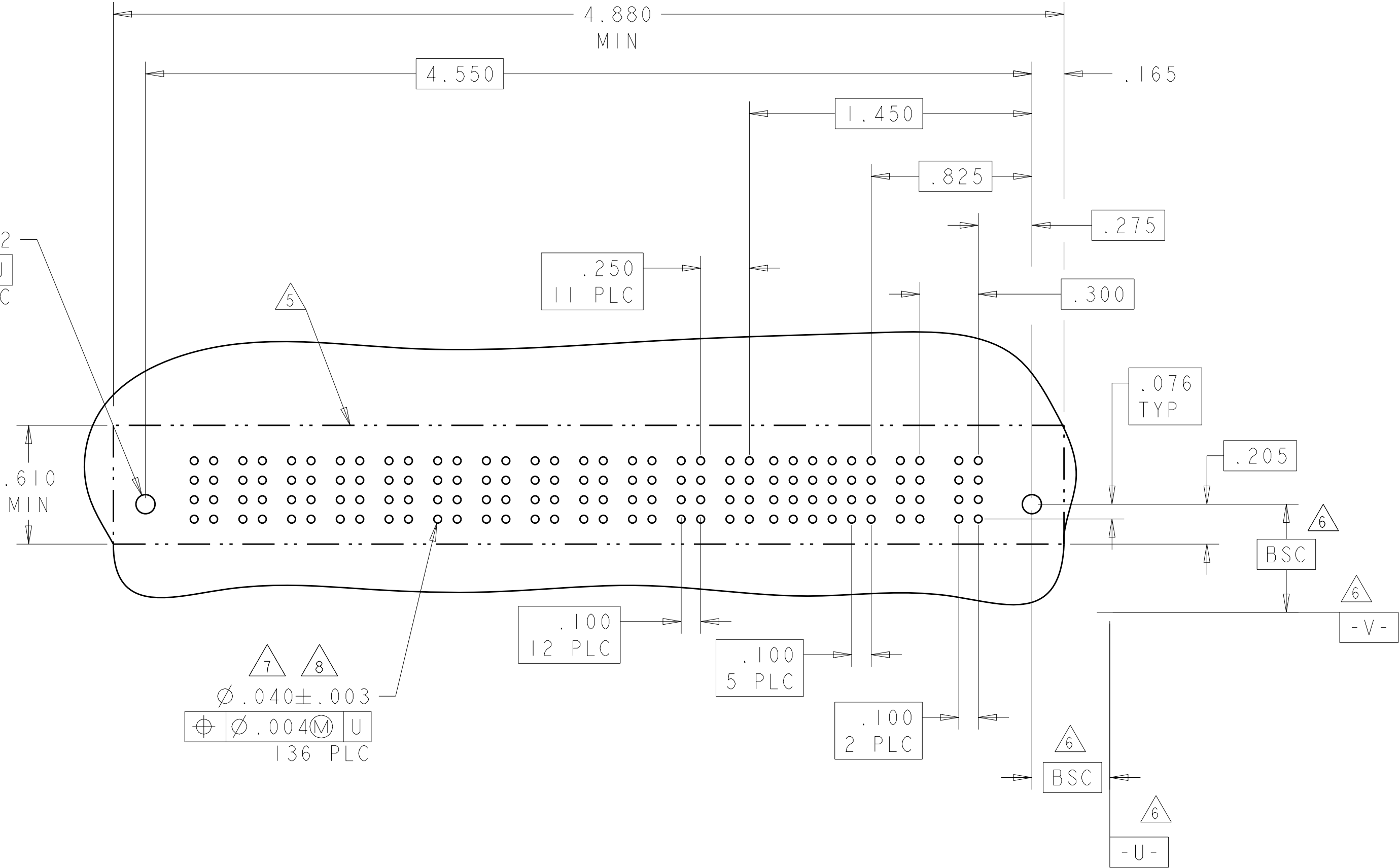
PART NUMBER	ROWS		POWER			SIGNAL				POWER										
			P13	P12	P11	4	3	2	1	P10	P9	P8	P7	P6	P5	P4	P3		P2	P1
6450550-8	D C B A																			
10P + 16S + 3ACP																				



PART NUMBER	ROWS		POWER		SIGNAL										POWER									
			P4	P3	12	11	10	9	8	7	6	5	4	3	2	1		P2	P1					
1-6450550-0	D C B A			GS	GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP			
						AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	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																								



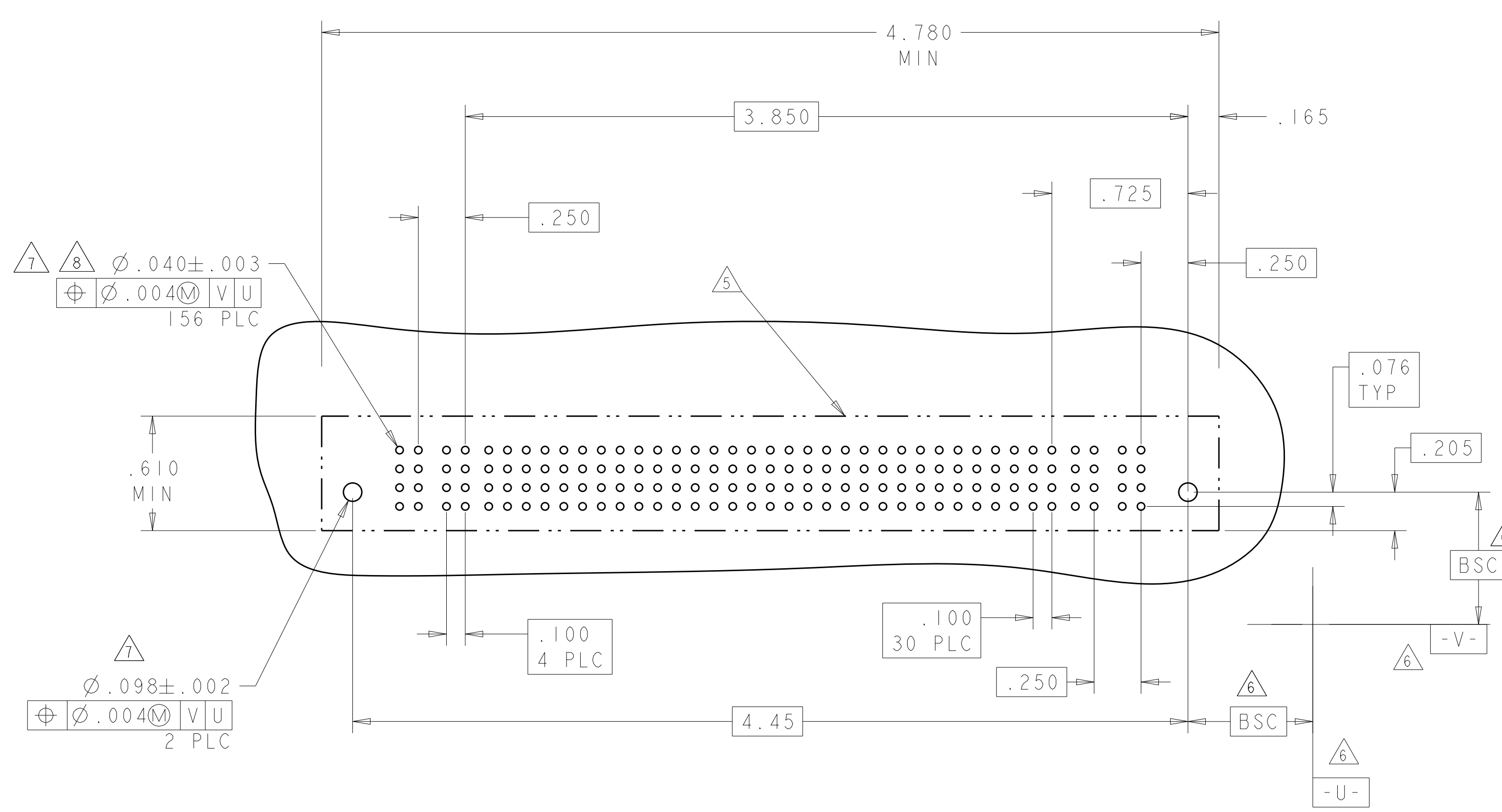
PART NUMBER	ROWS		POWER (L)												SIGNAL					POWER (R)			
			P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	6	5	4	3	2	1	P2		P1
1-6450550-1	D C B A	 HD																					
2ACP + 24S + 12P																							



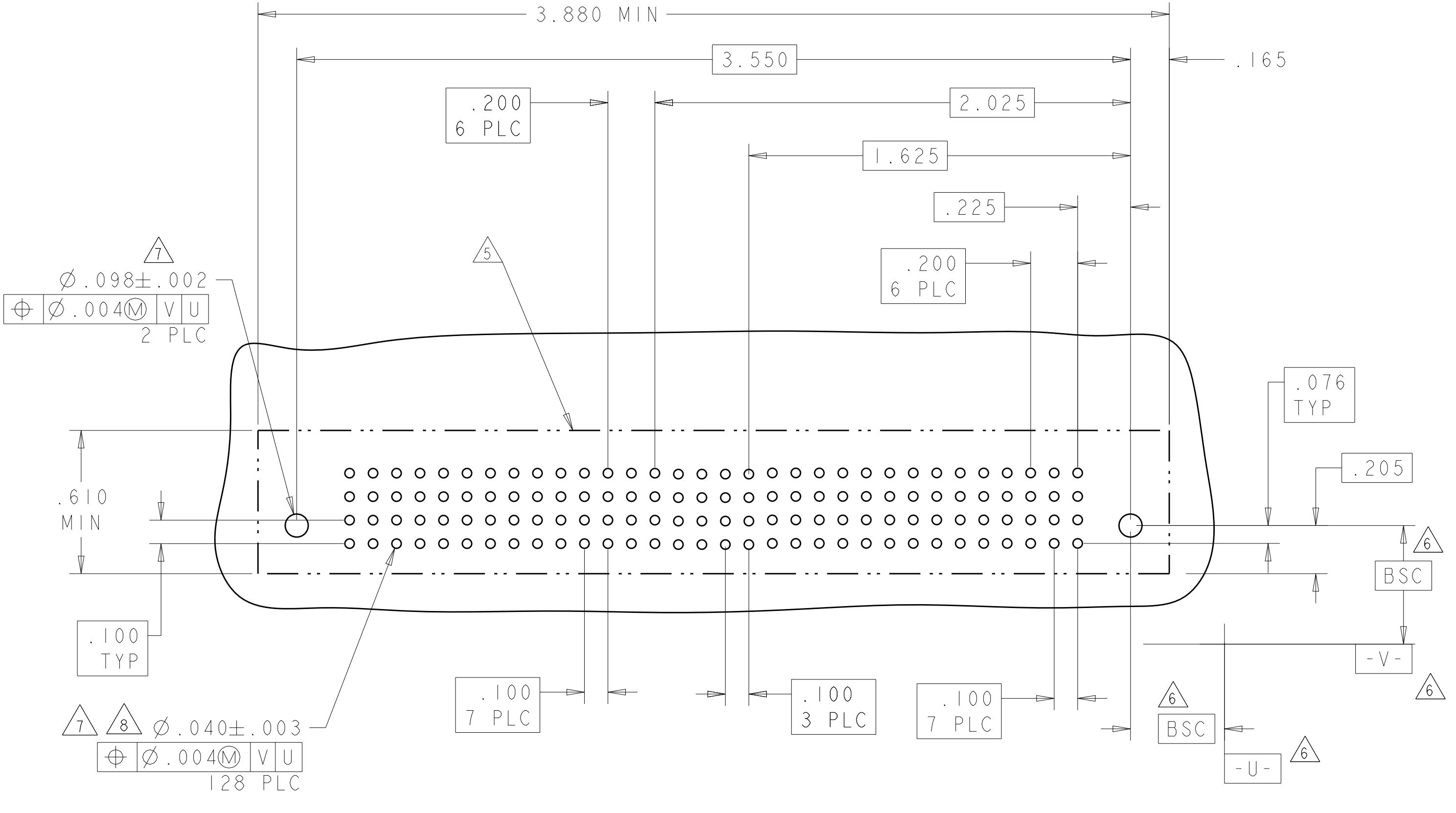
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	02MAY05	TE Connectivity				
DIMENSIONS: INCHES		CHK M. PERCHERKE	02MAY05					
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL				
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2°		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038				
MATERIAL		FINISH		SIZE A1				
				CAGE CODE 100779				
				DRAWING NO 6450550				
				RESTRICTED TO U3				
				SCALE 4:1				
				SHEET 5				
				OF 23				
				REV U3				
				CUSTOMER DRAWING				

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

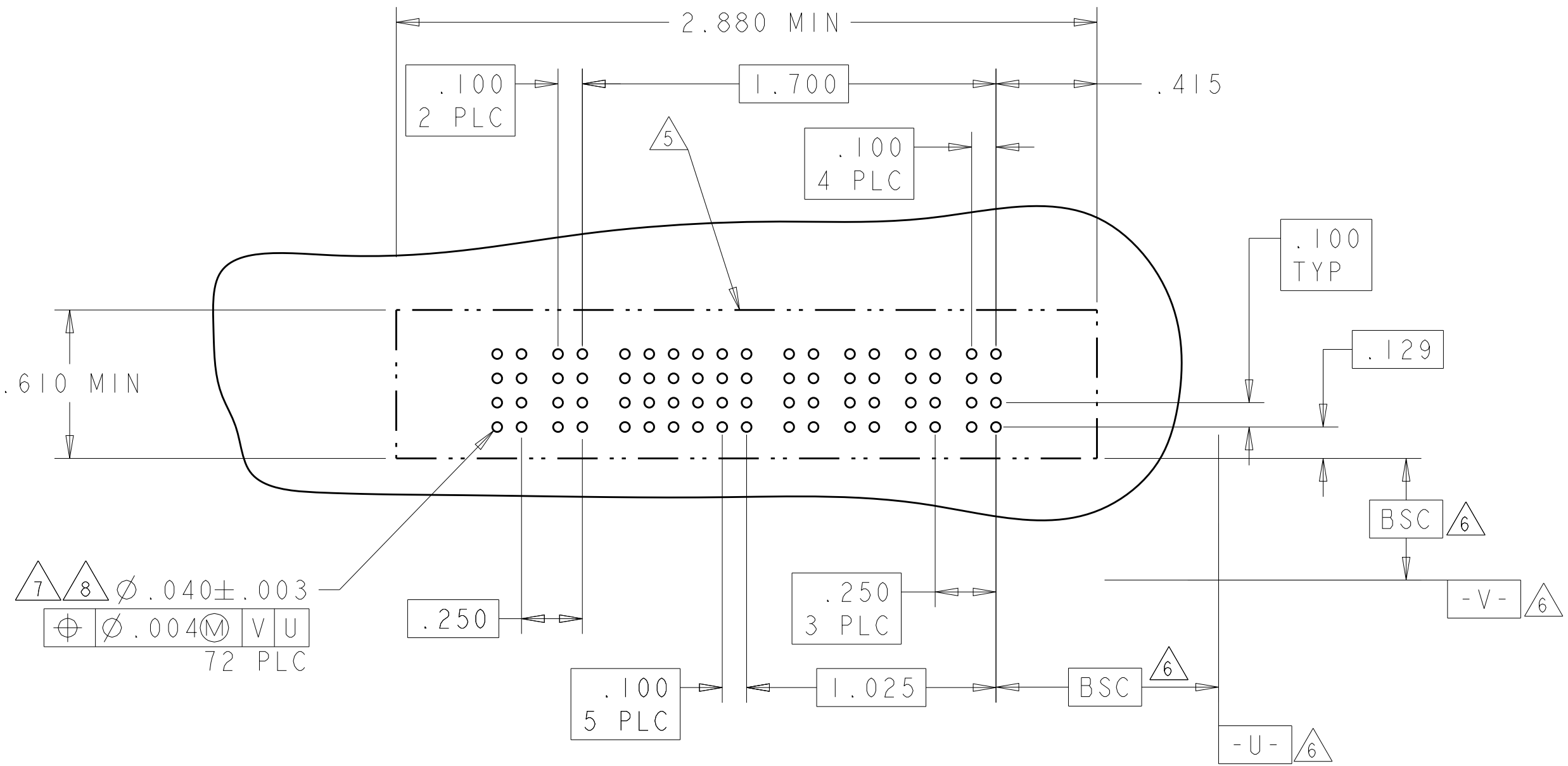
PART NUMBER	ROWS		POWER		SIGNAL																												POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			P4	P3	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2		1	P2	P1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1-6450550-2	D C B A	 HD	 GP	 GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP



PART NUMBER	ROWS		POWER								SIGNAL				POWER								
			P14	P13	P12	P11	P10	P9	P8	4	3	2	1	P7	P6	P5	P4	P3	P2	P1			
1-6450550-3	D C B A									AP	AP	AP	AP										
										AP	AP	AP	AP										
										AP	AP	AP	AP										
										AP	AP	AP	AP										
7P + 16S + 7P																							



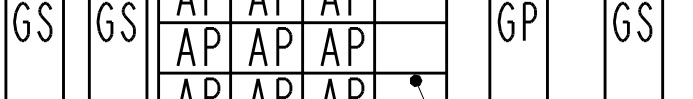
PART NUMBER	ROWS		POWER		SIGNAL						POWER				
			P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	
1-6450550-6	D C B A				AP	AP	AP	AP	AP	AP					
					AP	AP	AP	AP	AP	AP					
					AP	AP	AP	AP	AP	AP					
					AP	AP	AP	AP	AP	AP					
4P + 24S + 2P															

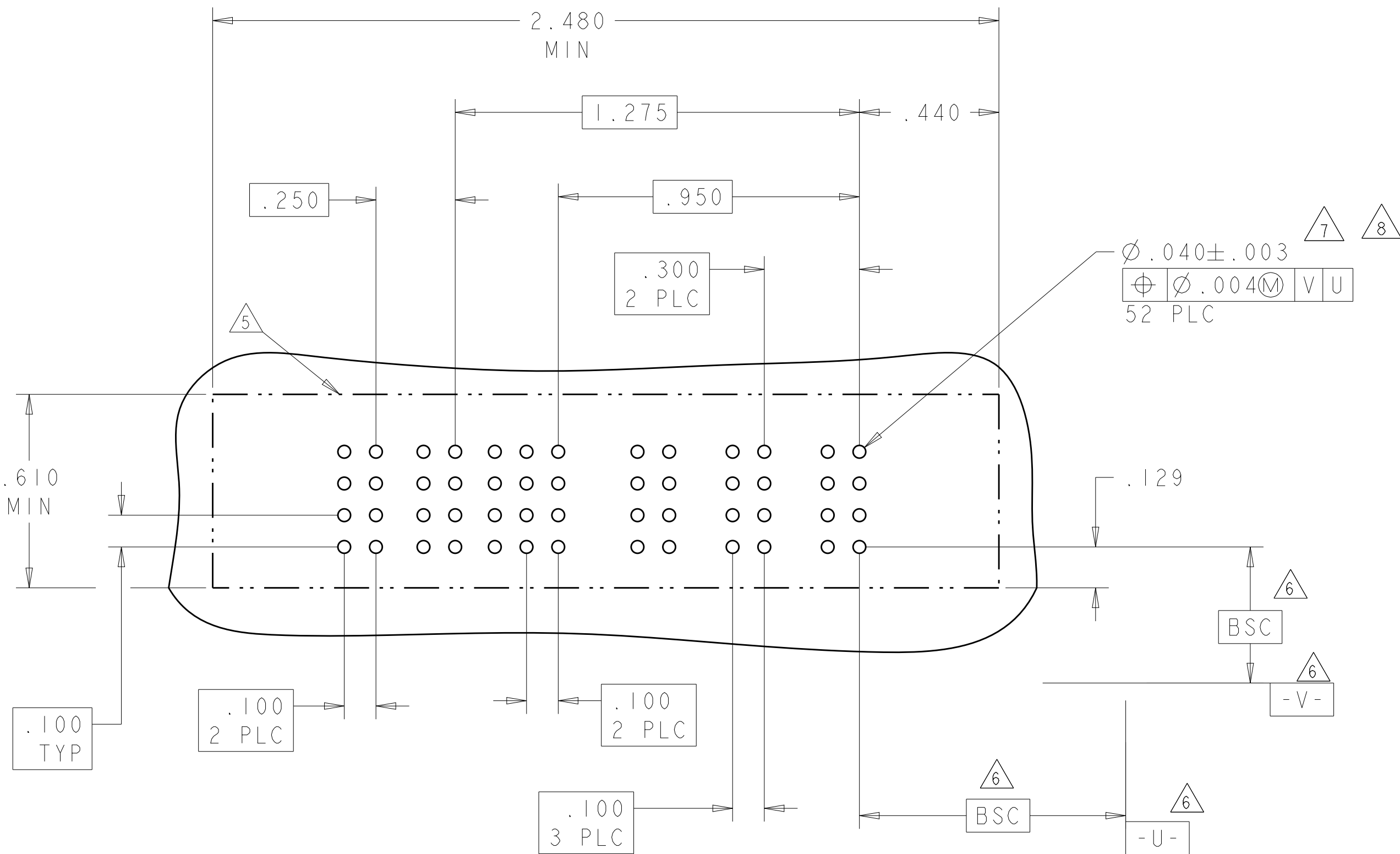


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	02MAY05	TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE	02MAY05		
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.2°		PRODUCT SPEC	
MATERIAL		FINISH		APPLICATION SPEC	
				108-1973	
				114-13038	
				WEIGHT	
				A100779C=6450550	
				CUSTOMER DRAWING	
				SCALE 4:1 SHEET 6 OF 23 REV U3	

Technical drawing of a rectangular plate with a grid of holes. The drawing includes dimensions for overall size (4.655 MIN), hole spacing (2.700, 2.075, .440), and hole diameter (.250). It also shows a grid of 13 columns and 4 rows of holes. A section line A-A is indicated. A table in the top right corner shows 'ES 00' and 'SEE SHEET'.

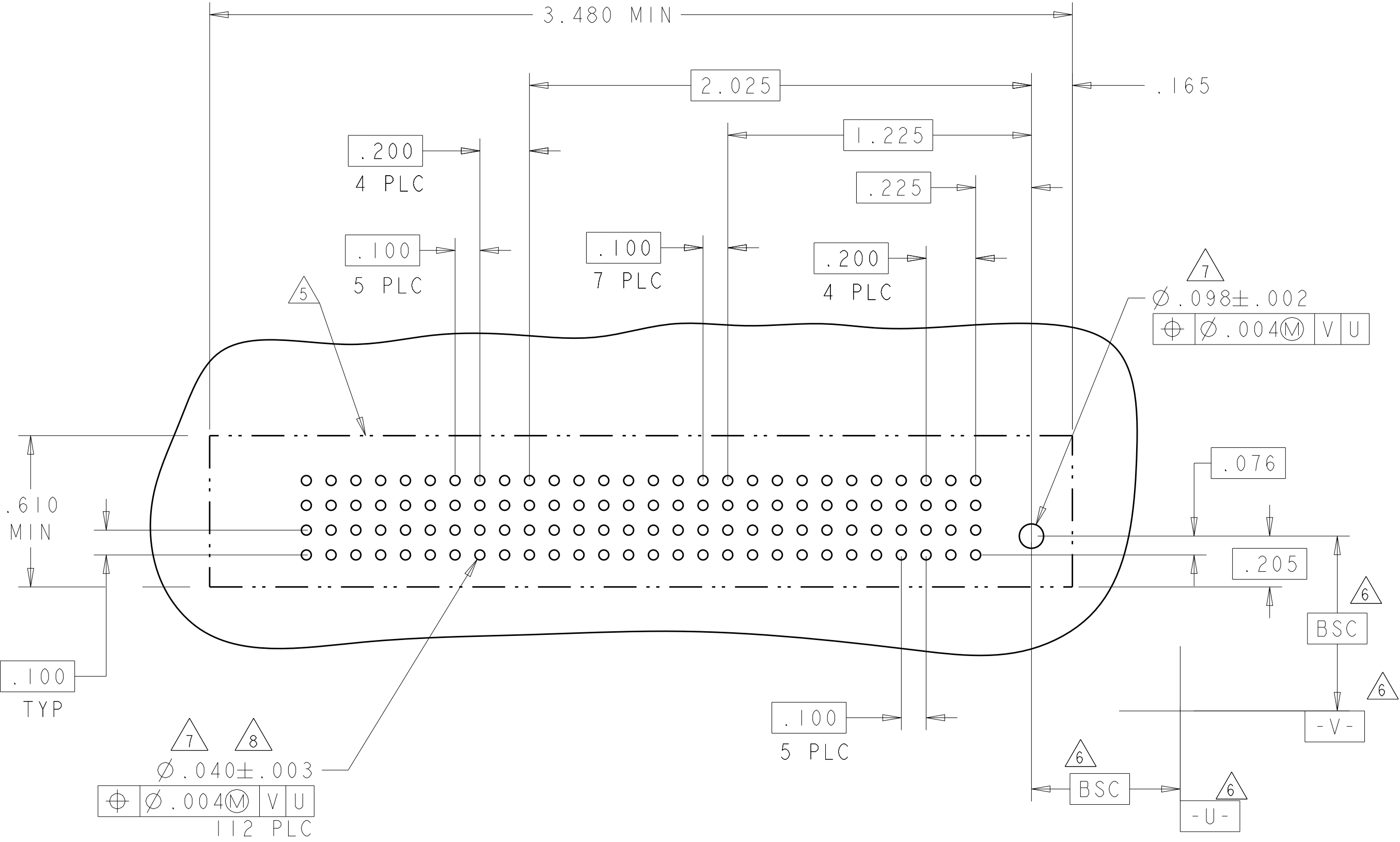
ES	00	P	LTR
		-	SEE SHEET

PART NUMBER	ROWS		POWER		SIGNAL				POWER				
			P5	P4	4	3	2	1	P3	P2	P1		
2-6450550-4	D C B A				AP	AP	AP						
3ACP + 16S + 2P													

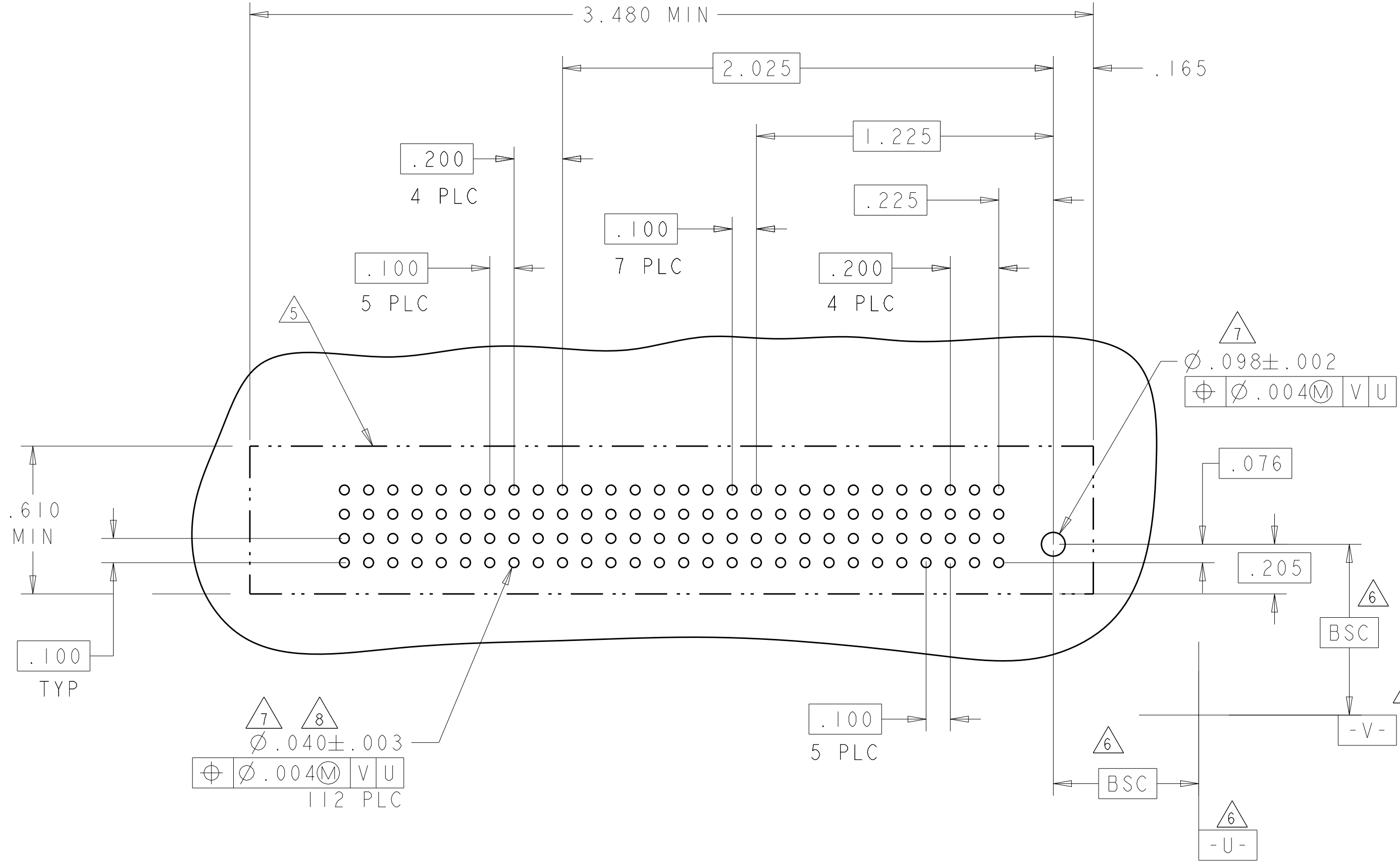
4805 (3/11)

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

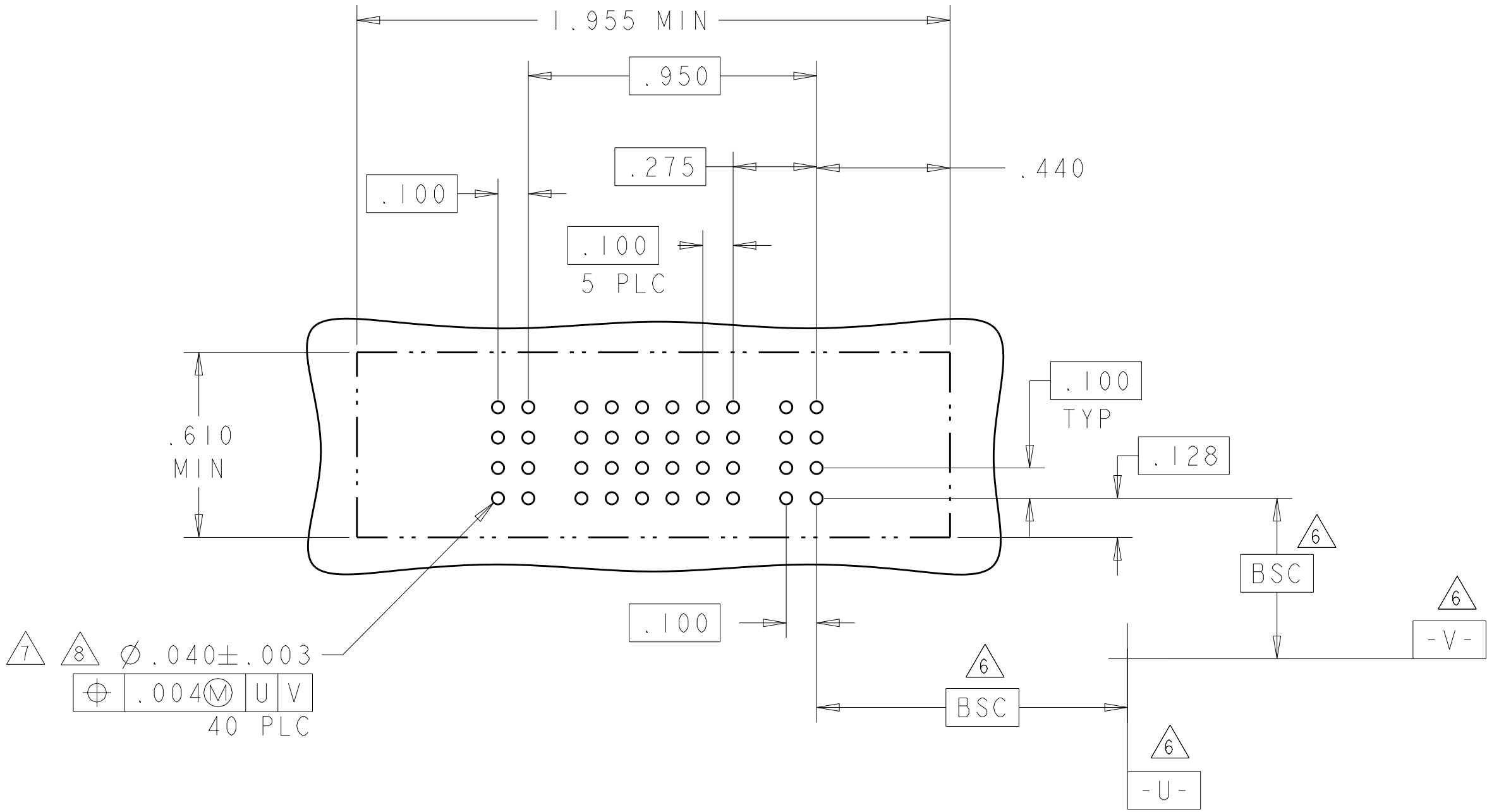
PART NUMBER	ROWS		POWER					SIGNAL							POWER						
			P10	P9	P8	P7	P6	8	7	6	5	4	3	2	1	P5	P4	P3	P2		P1
2-6450550-8	D C B A																				
5P + 32S + 5P																					

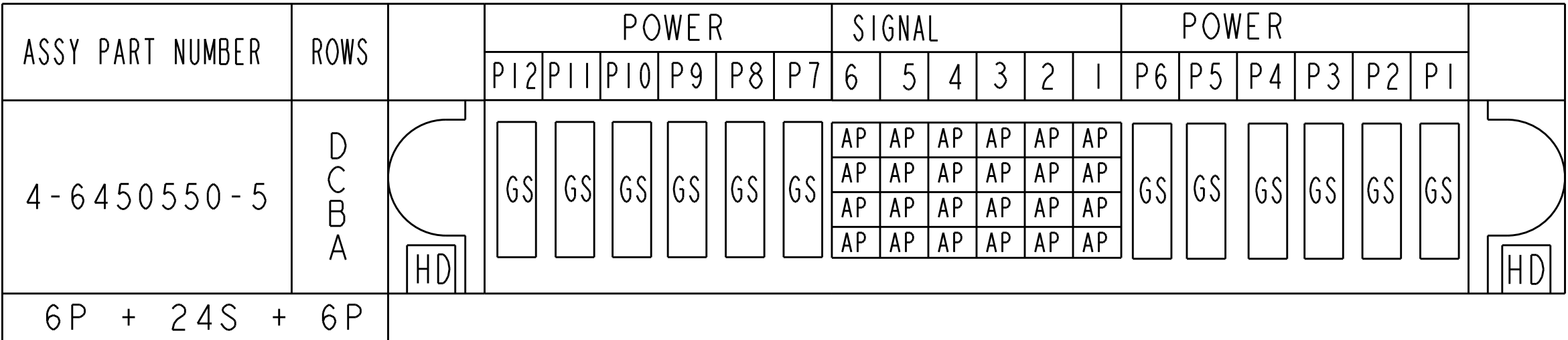


PART NUMBER	ROWS		POWER					SIGNAL							POWER							
			P10	P9	P8	P7	P6	8	7	6	5	4	3	2	1	P5	P4	P3	P2		P1	
3-6450550-5	D C B A																					
5P + 32S + 5P																						



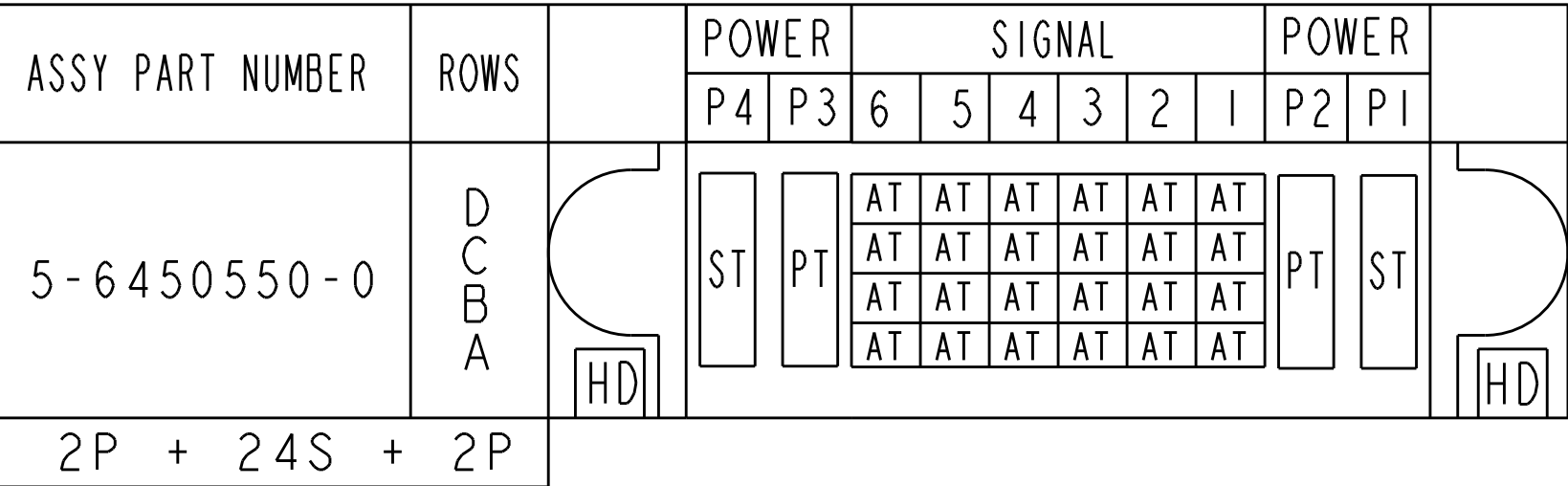
PART NUMBER	ROWS		POWER (L)	SIGNAL							POWER (R)	
			P2	6	5	4	3	2	1	P1		
1-6450550-7	D C B A		GS	AP	AP	AP	AP	AP	AP	AP	GP	
				AP	AP	AP	AP	AP	AP	AP		
				AP	AP	AP	AP	AP	AP	AP		
				AP	AP	AP	AP	AP	AP	AP		
IP + 24S + IP												





The drawing shows a mechanical part with a top view and a cross-section view. The top view is a rectangular plate with a central area containing a grid of holes. The overall dimensions are 5.830 MIN in width and 6.10 MIN in height. The central area has a width of 4.150 and a height of 3.100. The grid of holes is 2.650 wide and 2.050 high. The holes are arranged in a grid with a pitch of .200 (4 PLC) horizontally and .100 (5 PLC) vertically. The central area is defined by a dashed line. The cross-section view shows a circular hole with a diameter of $\varnothing .040 \pm .003$ and a depth of .128. The hole is located .390 from the right edge of the plate. The cross-section view also shows a BSC (Basic) feature and a .100 TYP dimension.

4805 (3/11)

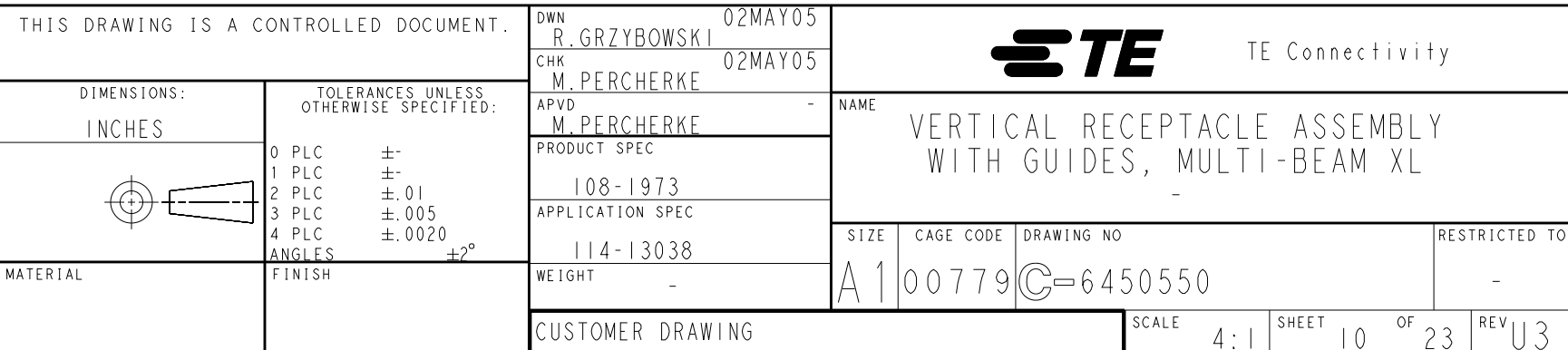


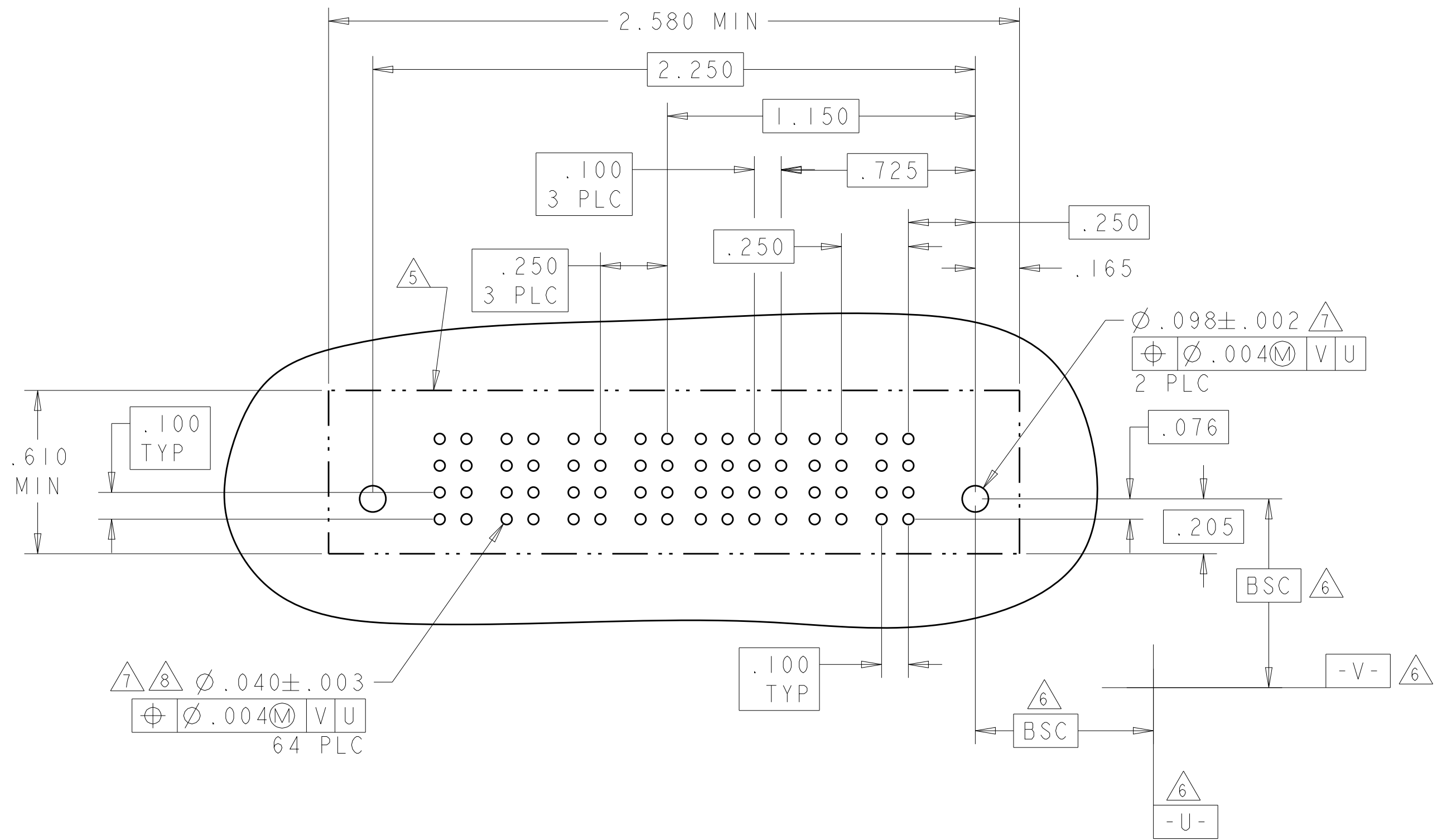


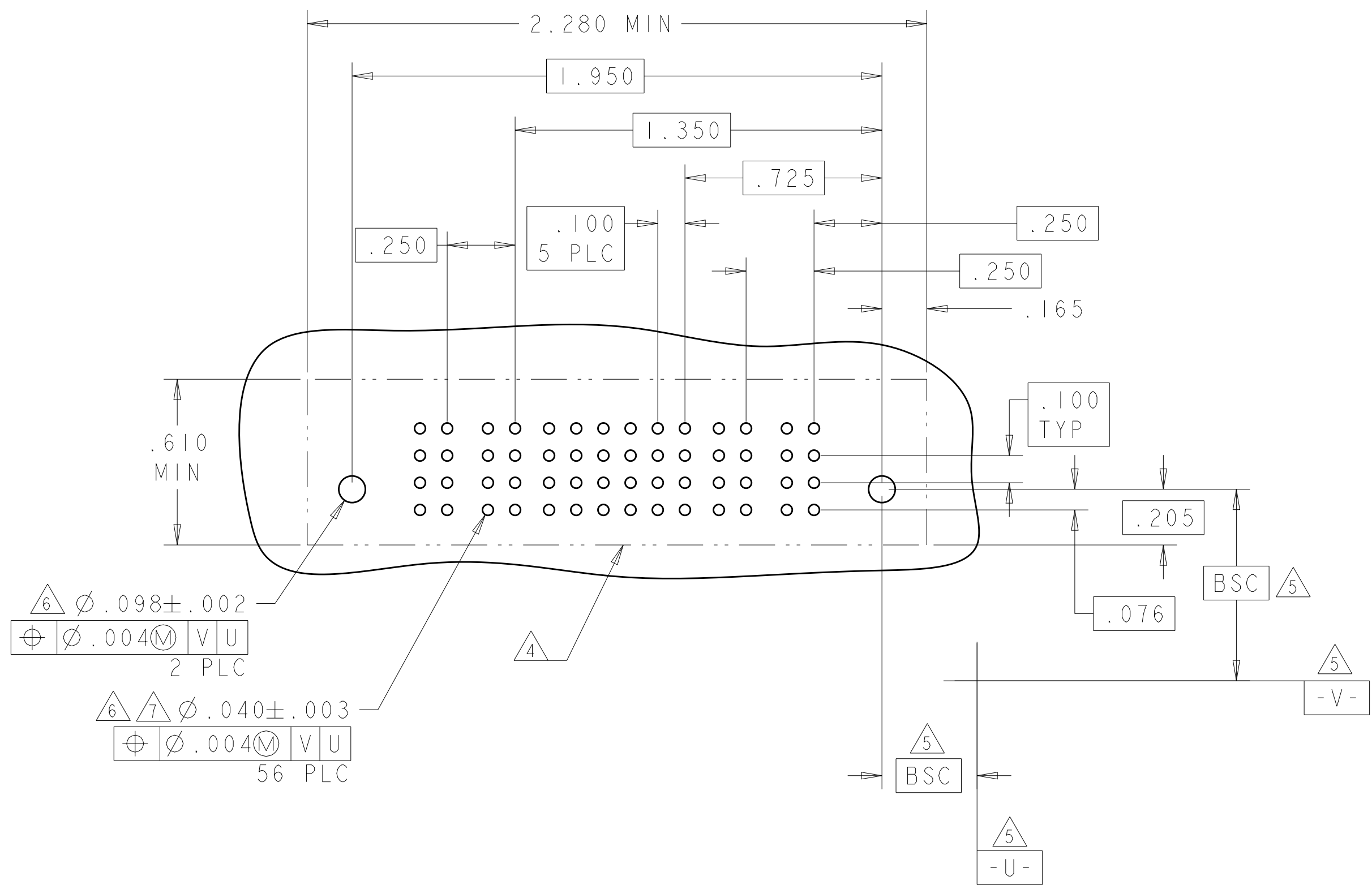




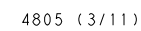


[illegible]4805 (3/11)

[illegible]

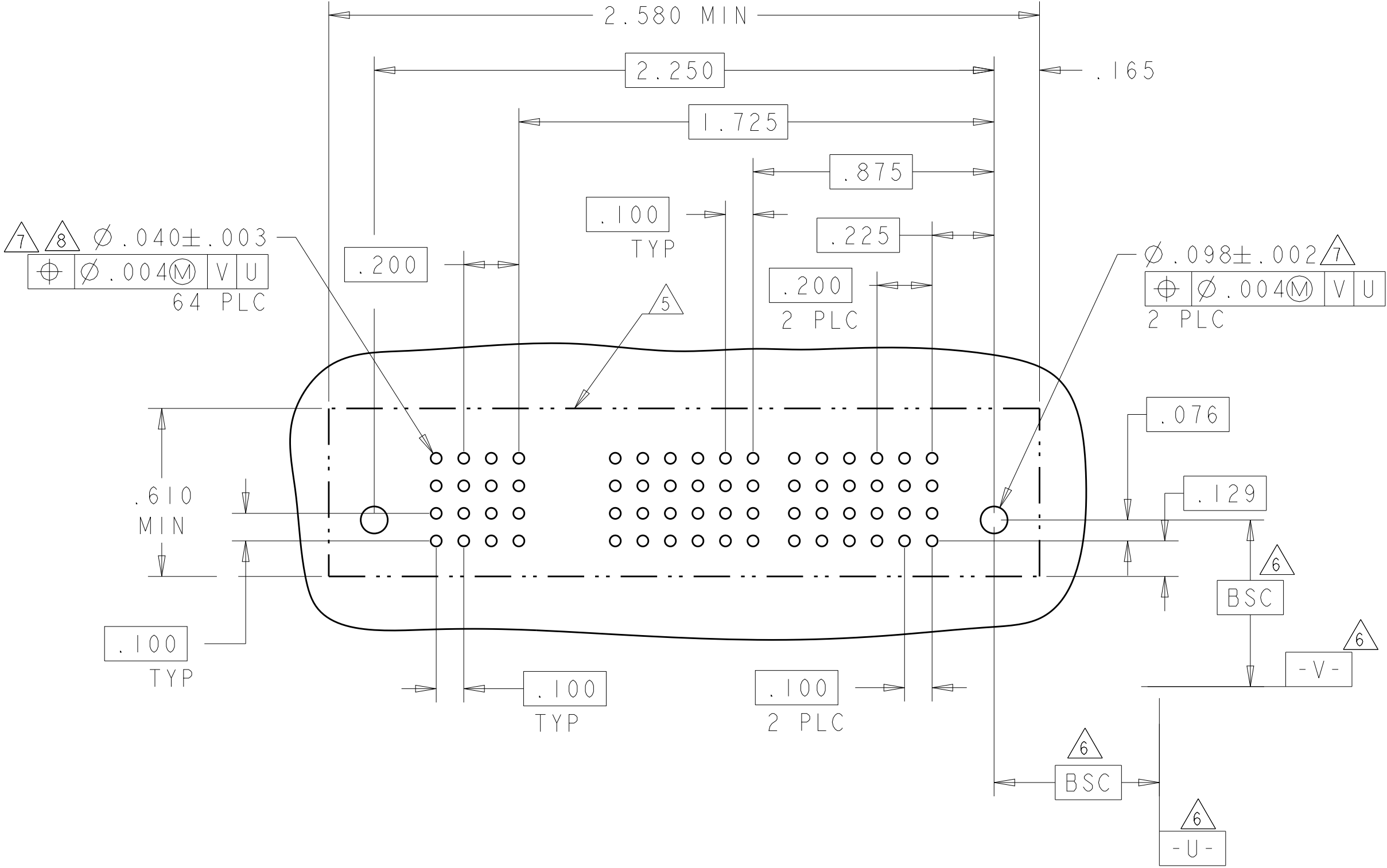
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 02MAT05		 TE Connectivity	
DIMENSIONS:		CHG M. PERCHERRE 02MAT05			
INCHES		APVD M. PERCHERRE		NAME	
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL	
		0 P.L.C. ± 1 P.L.C. ± 2 P.L.C. ±.01 3 P.L.C. ±.005 4 P.L.C. ±.0020		PRODUCT SPEC	
		ANGLES ±°		108-1973	
				APPLICATION SPEC	
MATERIAL		FINISH		SIZE	
		WEIGHT		CAGE CODE	
		114-13038		DRAWING NO	
				RESTRICTED TO	
				A100779G6450550	
		CUSTOMER DRAWING		SCALE 4:1 SHEET 12 OF 23 REV U3	



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

PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	
5-6450550-6	D C B A	HD	GS	GS		AP	AP	AP	AP	AP	AP	GP	GS	GS	HD
						AP	AP	AP	AP	AP	AP				
						AP	AP	AP	AP	AP	AP				
						AP	AP	AP	AP	AP	AP				
3P + 24S + 3P															

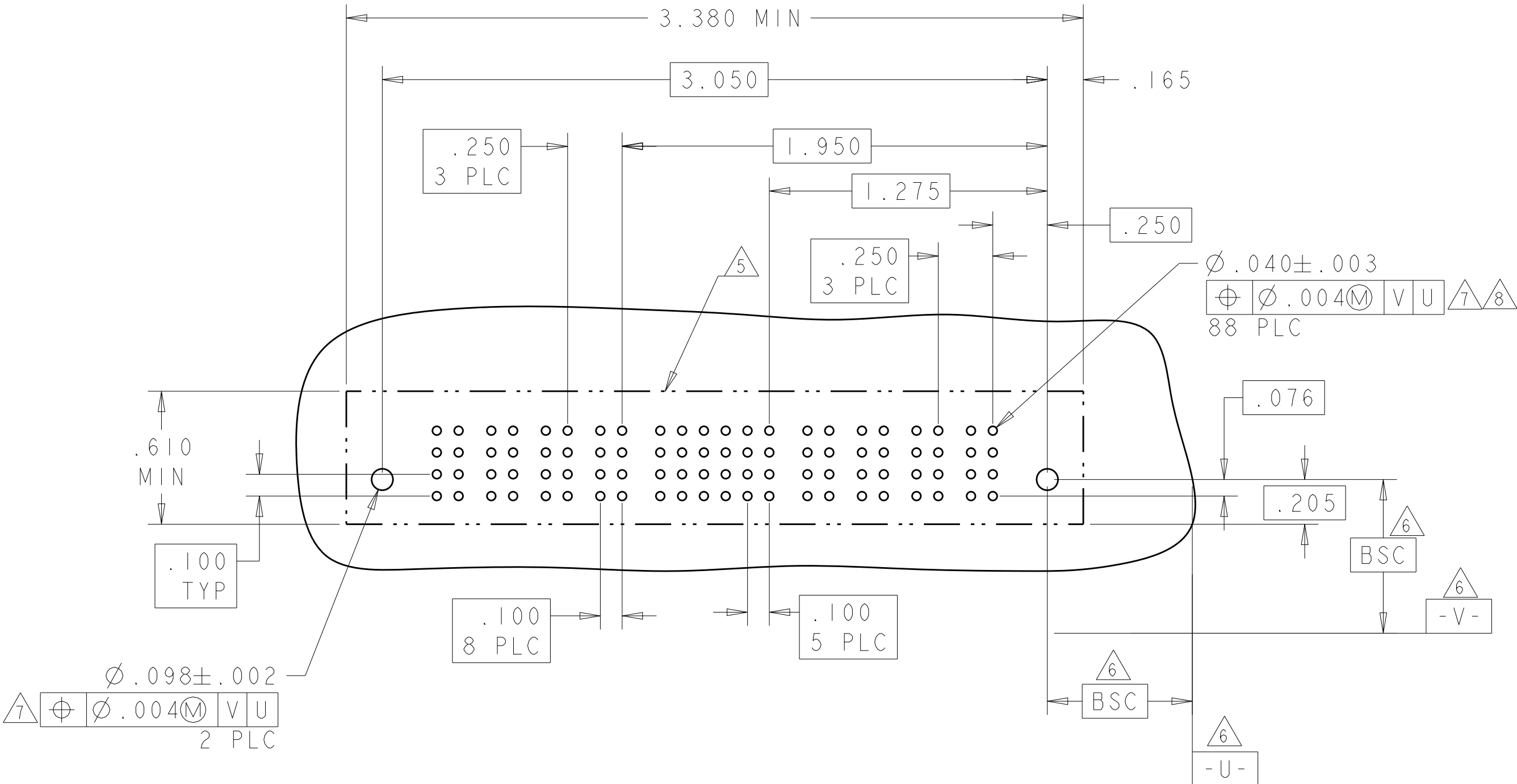
NO CONTACT LOADED



PART NUMBER	ROWS		POWER (L)				SIGNAL						POWER (R)					
			P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1		
5-6450550-7	D C B A						AP	AP	AP	AP	AP	AP						
							AP	AP	AP	AP	AP	AP						
							AP	AP	AP	AP	AP	AP						
							AP	AP	AP	AP	AP	AP						
4P + 24S + 4P																		

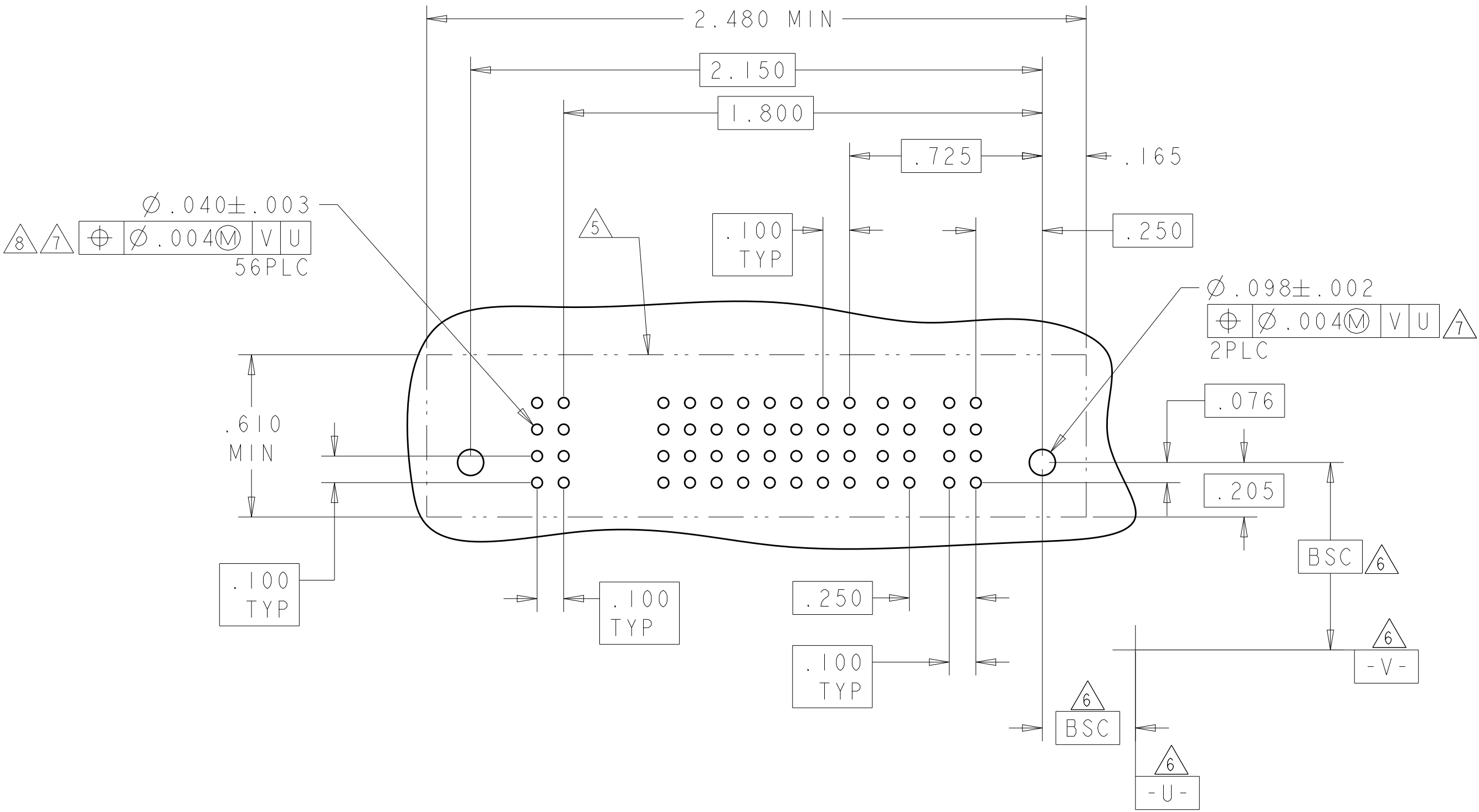
K1

K1



PART NUMBER	ROWS		POWER (L)		SIGNAL								POWER (R)			
			P4	P3	8	7	6	5	4	3	2	1	P2	P1		
5-6450550-8	D C B A	HD	GS		AP	AP	AP	AP	AP	AP	AP	AP	AP	GP	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				
2P + 32S + 2P																

NO CONTACT LOADED

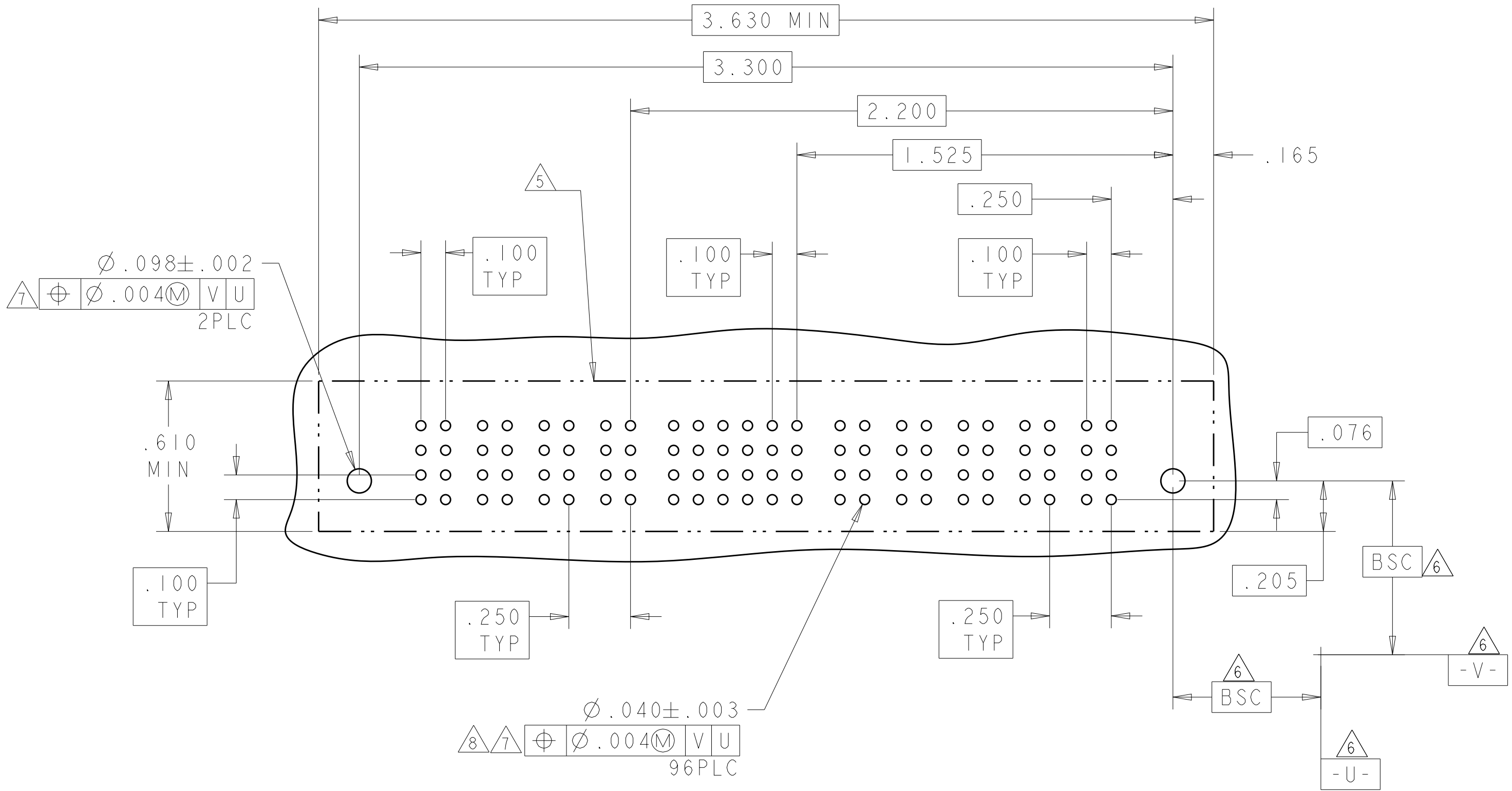
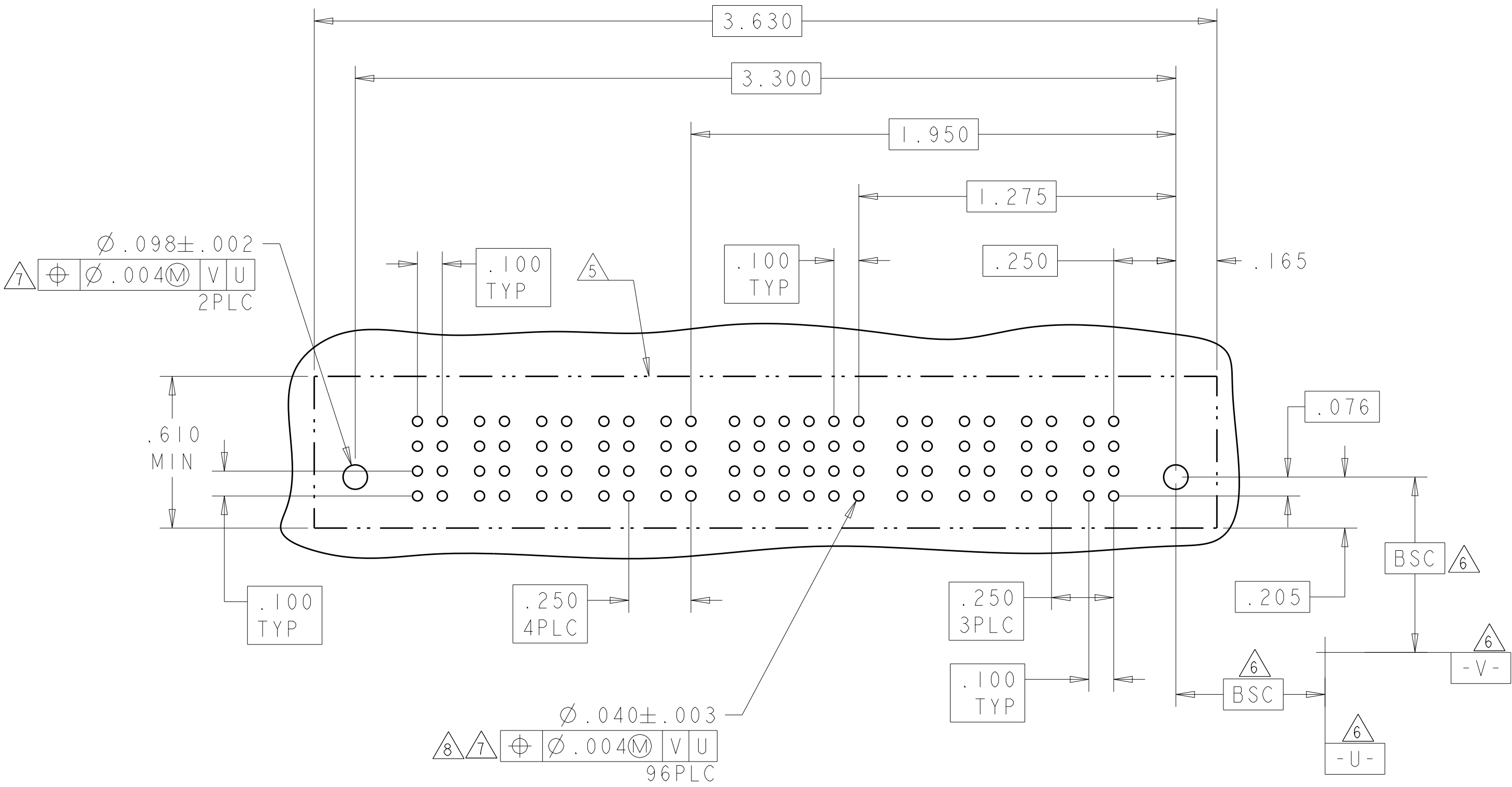


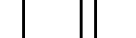
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R. GRZYBOWSKI	02MAY05	TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE	02MAY05		
		APVD M. PERCHERKE	-	NAME	
		PRODUCT SPEC	-	VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL	
		108-1973	-	SIZE	
		APPLICATION SPEC	-	CAGE CODE	
MATERIAL		114-13038	-	DRAWING NO	
		FINISH	-	RESTRICTED TO	
CUSTOMER DRAWING		SCALE	4:1	SHEET	
		13	23	REV	
		U3			

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

PART NUMBER	ROWS		POWER					SIGNAL					POWER					
			P9	P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2		P1
5-6450550-9	D C B A							AP	AP	AP	AP	AP	AP					
								AP	AP	AP	AP	AP	AP					
								AP	AP	AP	AP	AP	AP					
4P + 24S + 5P																		

PART NUMBER	ROWS	POWER						SIGNAL					POWER					
		P9	P8	P7	P6	6	5	4	3	2	1	P5	P4	P3	P2	P1		
6-6450550-0	D C B A							AP	AP	AP	AP	AP	AP					
								AP	AP	AP	AP	AP	AP					
								AP	AP	AP	AP	AP	AP					
5P + 24S + 4P																		



PART NUMBER	ROWS		POWER										SIGNAL						POWER										
			P18	P17	P16	P15	P14	P13	P12	P11	P10	1	2	3	4	5	6	P9	P8	P7	P6	P5	P4	P3	P2	P1			
6-6450550-5	D C B A		GP	GS	GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS	GS	GS	GP		
													AP	AP	AP	AP	AP	AP											
													AP	AP	AP	AP	AP	AP											
													AP	AP	AP	AP	AP	AP											
9P + 24S + 9P																													



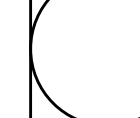
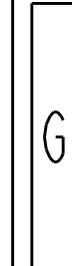
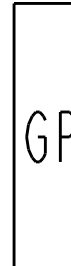
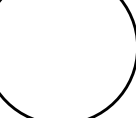
Technical drawing of a rectangular plate with dimensions and tolerances. The overall width is 4.330 MIN. The overall height is 6.10 MIN. The plate features a grid of 128 holes, arranged in 8 rows and 16 columns. The hole diameter is $\varnothing .040 \pm .003$ with a surface texture symbol $\sqrt{8}$. The hole position tolerance is $\varnothing .004$ M, V, U. The plate is labeled "128 PLC".

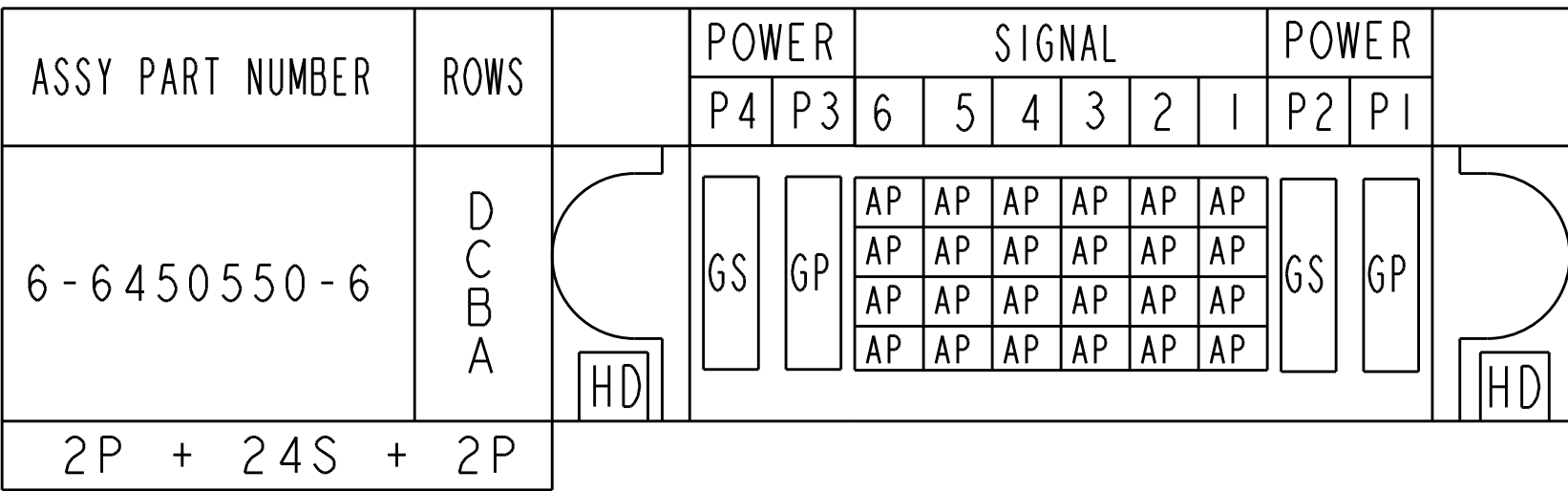
Dimensions and tolerances are specified as follows:

- Overall width: 4.330 MIN
- Overall height: 6.10 MIN
- Distance from left edge to first hole column: 1.700
- Distance between hole columns: .650
- Distance from last hole column to right edge: .390
- Distance from top edge to first hole row: .100
- Distance between hole rows: .100
- Distance from last hole row to bottom edge: .100
- Distance from left edge to first hole row: .100 TYP
- Distance from right edge to first hole row: .129
- Distance from bottom edge to first hole column: .250
- Distance from first hole column to last hole column: .100
- Distance from last hole column to right edge: .200

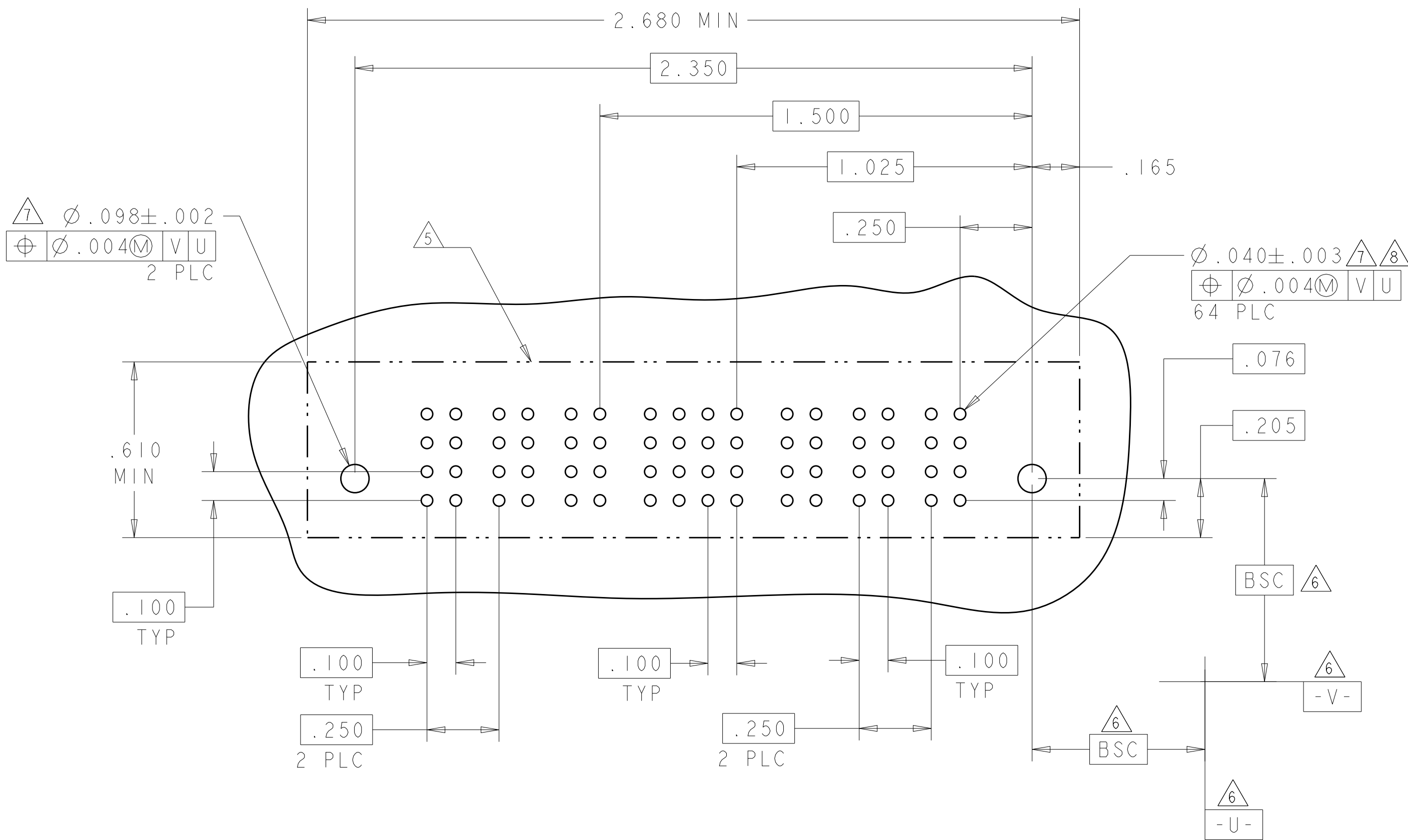
Surface texture and finish requirements are indicated by the symbol $\sqrt{8}$ and the text "128 PLC".

4805 (3/11)

ASSY PART NUMBER	ROWS		POWER				SIGNAL				POWER		
			P6	P5	P4	P3	4	3	2	1	P2	P1	
6-6450550-4	D C B A	 					               			 			
2P + 16S + 4P													



PART NUMBER	ROWS		POWER			SIGNAL				POWER			
			P6	P5	P4	4	3	2	1	P3	P2	P1	
6-6450550-9	D		GP	GP	GP	AP	AP	AP	AP	GS	GS	GS	
	C					AP	AP	AP	AP				
	B					AP	AP	AP	AP				
	A					AP	AP	AP	AP				
3P + 16S + 3P													

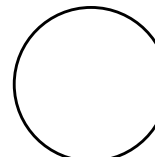
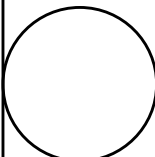
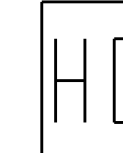
4805 (3/11)

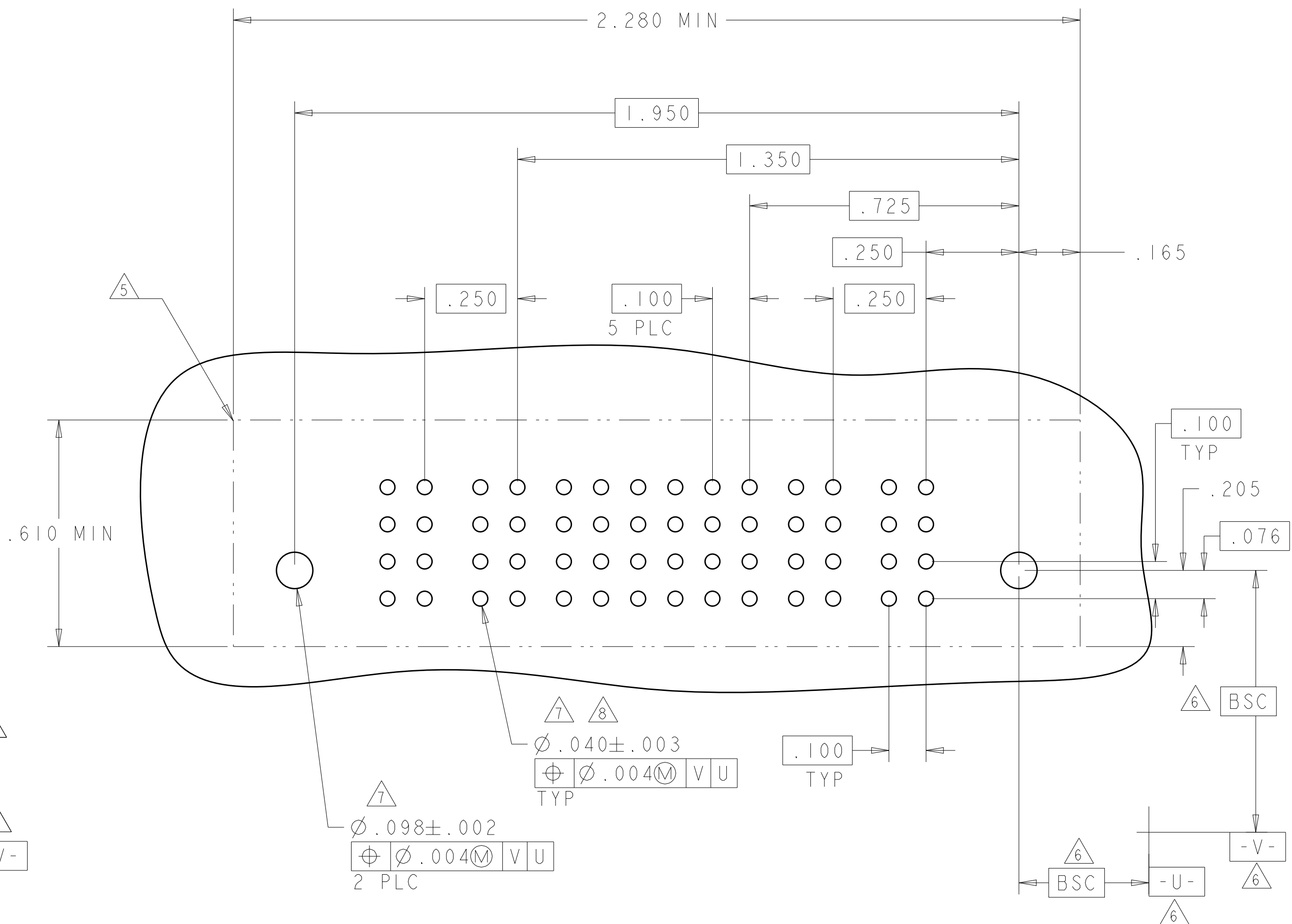
Technical drawing of a PCB layout showing dimensions, tolerances, and component locations. The drawing includes a central rectangular area with a grid of circular holes. Dimensions are provided in inches, with some values in boxes indicating specific tolerances or values. Tolerances are indicated by triangles with numbers inside. The drawing also shows various component locations and dimensions for the board's overall size and internal features.

Key dimensions and tolerances shown:

- Overall width: 3.180 MIN
- Overall height: .610 MIN
- Internal width dimensions: 1.875, 1.225, .165, .250, .100 (3PLC), .100 (5PLC), .100 (4PLC), .250
- Internal height dimensions: .205 TYP, .100 TYP, .077, .300 (2PLC), .250 (3PLC), .2850
- Hole dimensions: $\varnothing .009 \pm .002$ (2PLC), $\varnothing .040 \pm .003$ (80PLC), $\varnothing .004$ (M), V, U
- Component locations: BSC (Bottom Surface Center), -U- (Unpopulated), -V- (Unpopulated)

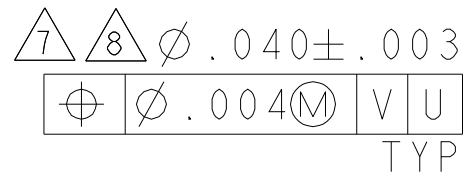
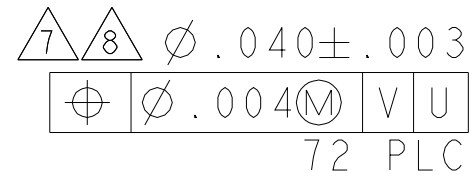
4805 (3/11)

PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P4	P3	6	5	4	3	2	1	P2	P1	
1-6450550-5	D C B A	 											 
2P + 24S + 2P													

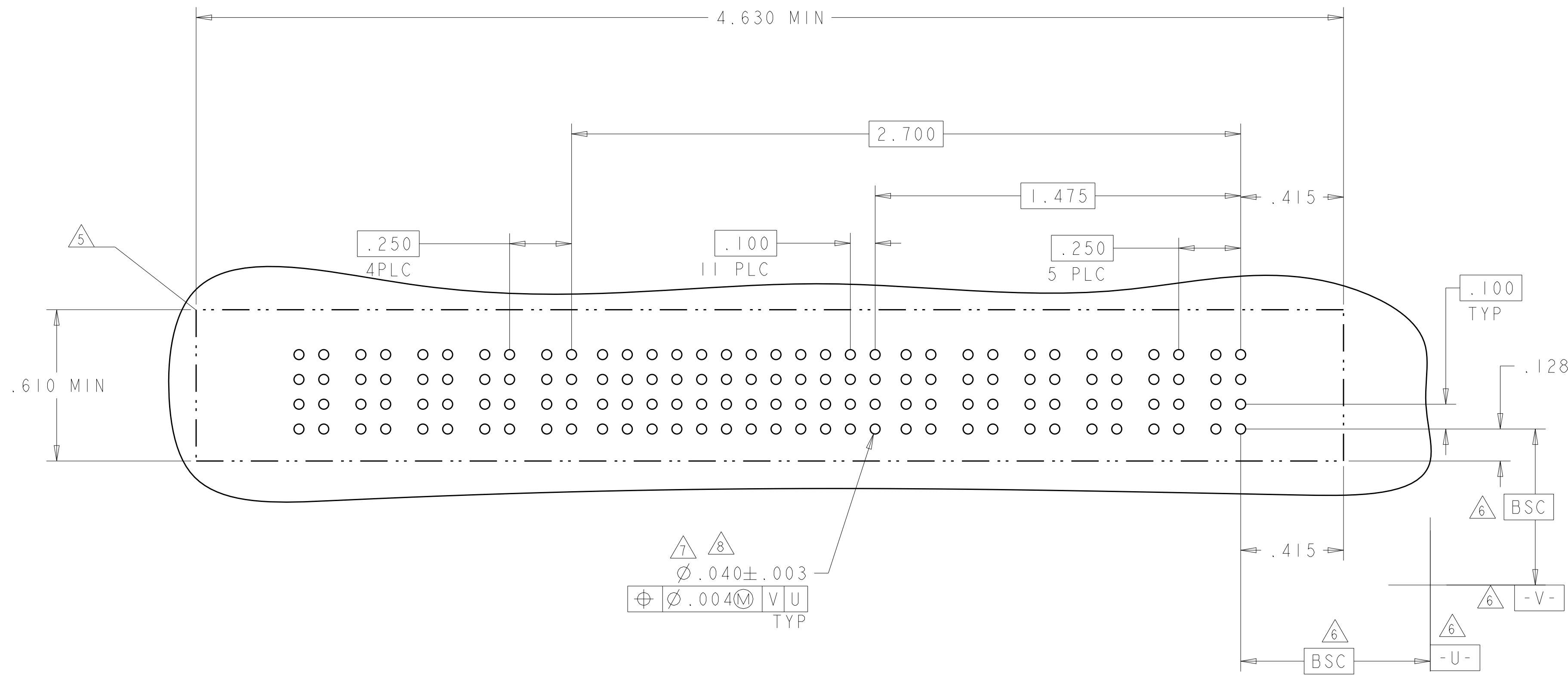


[illegible]4805 (3/11)

$4P + 4S + 4P$


$$2P + 24S + 4P$$
4805 (3/11)

PART NUMBER	ROWS		POWER					SIGNAL											POWER									
			P11	P10	P9	P8	P7	12	11	10	9	8	7	6	5	4	3	2	1	P6	P5	P4	P3	P2		P1		
7-6450550-3	D C B A																											
							AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP	
							AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP
							AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP
6P + 48S + 5P																												



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 02MAT05		TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±°		NAME M. PERCHERKE PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	
MATERIAL		FINISH		SIZE CAGE CODE DRAWING NO RESTRICTED TO A 100779 © 6450550 -	
		WEIGHT -		CUSTOMER DRAWING SCALE 4:1 SHEET 23 OF 23 REV U3	