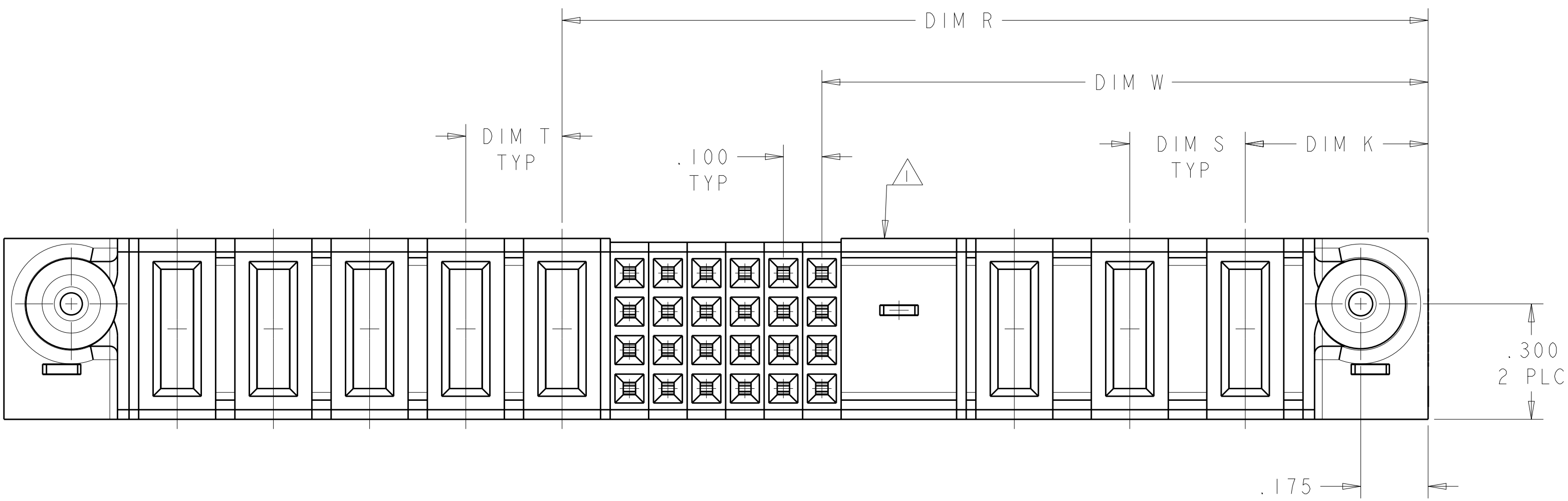
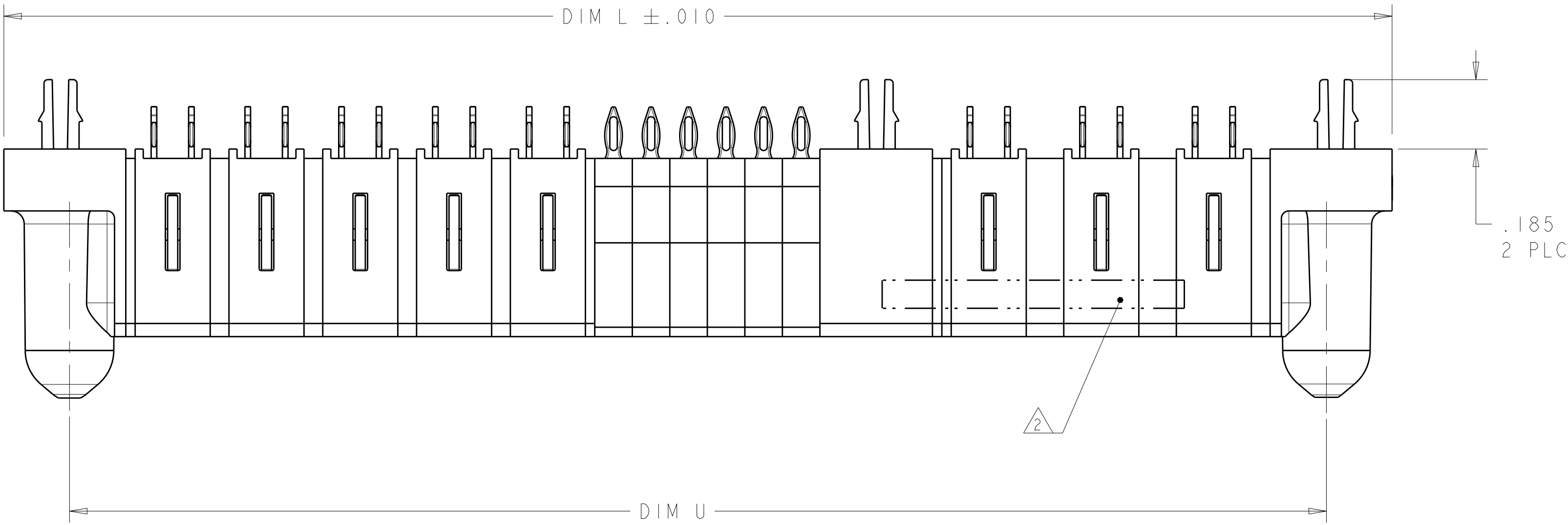
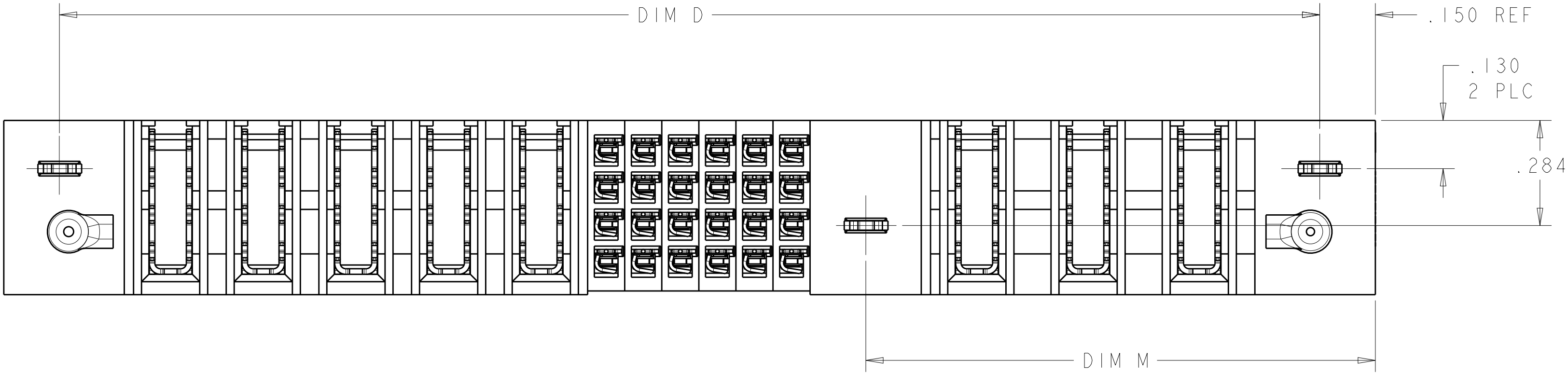
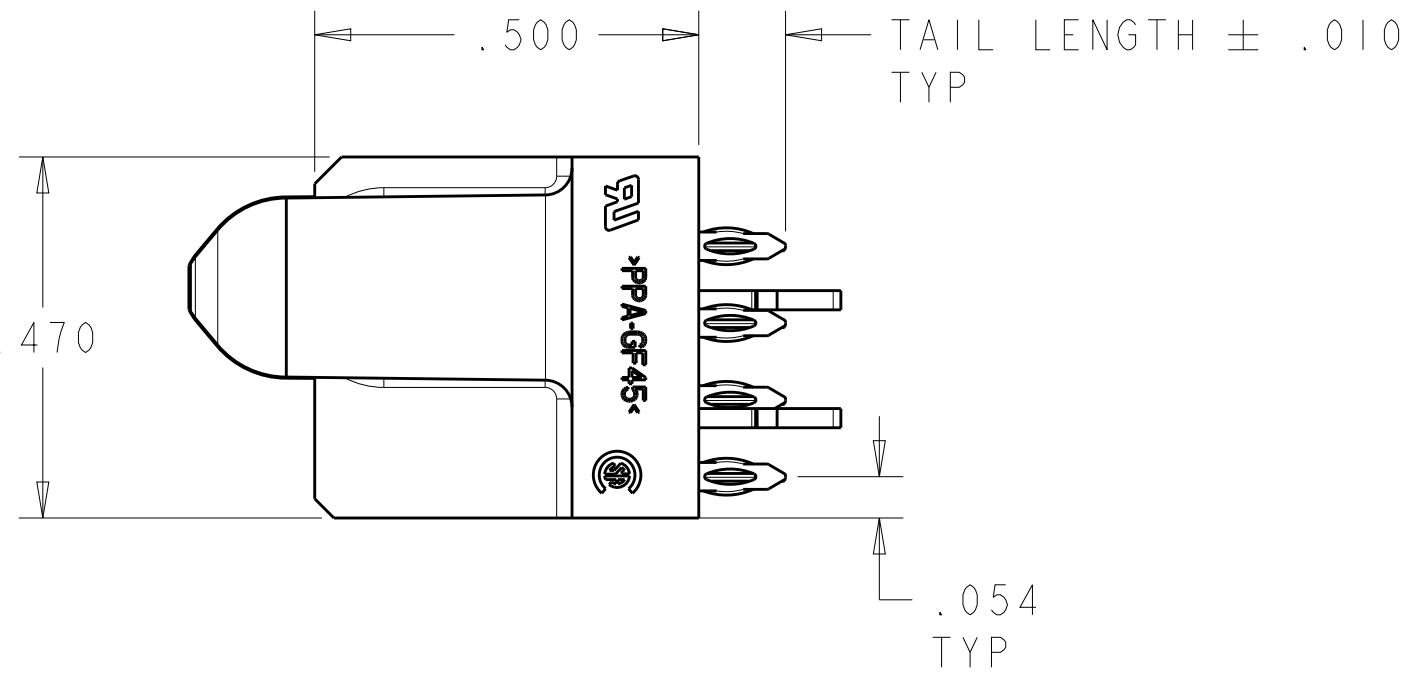


LOC		DIST		REVISIONS				
ES	00	P	LTR	DESCRIPTION		DATE	DWN	APVD
		U3		REV PER ECR-13-015977		14OCT2013	CZ	SZ



- 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.PERCHEKKE APVD M.PERCHEKKE	02MAY05 02MAY05	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL	
				SIZE A1	
				CAGE CODE 00779	
				DRAWING NO 6450550	
				RESTRICTED TO -	
				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.
TOLERANCES UNLESS OTHERWISE SPECIFIED:

DIMENSIONS:
INCHES

MATERIAL

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

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

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

CUSTOMER DRAWING

02MAY05
02MAY05
-

NAME
VERTICAL RECEPTACLE ASSEMBLY
WITH GUIDES, MULTI-BEAM XL
-

SIZE
A1

CAGE CODE
100779

DRAWING NO
6450550

RESTRICTED TO
-

SCALE
4:1

SHEET
2

OF
23

REV
U3

4805 (3/11)

Technical drawing of a 100-pin connector. The drawing shows a top view of the connector with dimensions and callouts. The overall length is 3.430 MIN. The pin pitch is .040 ± .003. The drawing includes dimensions for the pin array (.250 4 PLC, .100 8 PLC, .100 5 PLC, .300 2 PLC) and the overall width (.440). Callouts include .129, .100 TYP, BSC, -V-, -U-, and various feature callouts (7, 8, 6, 5, 4, 3, 2, 1, 0).

Technical drawing of a mechanical part, showing a top view. The drawing includes dimensions, tolerances, and feature callouts.

Dimensions and Tolerances:

- Overall width: 2.930 MIN
- Overall height: .610 MIN
- Top edge features:
 - Left corner: .300 2 PLC
 - Top center: 1.375
 - Top right corner: .415
- Internal features:
 - Top center: .725
 - Top center: .100 6 PLC
 - Bottom center: .100 5 PLC
 - Bottom center: .250 2 PLC
 - Right side: .100 TYP
 - Right side: .129
- Feature callouts:
 - Feature 5: Points to the top center of the part.
 - Feature 6: Points to the right side of the part.
 - Feature 7: Points to the bottom left corner of the part.
 - Feature 8: Points to the bottom center of the part.
- Surface texture:
 - Bottom left corner: $\sqrt{R} .040 \pm .003$
 - Bottom center: $\sqrt{R} .004 \text{ (M)} \text{ V U}$
 - Bottom center: 72 PLC
- Assembly features:
 - Bottom right: BSC
 - Bottom right: -V-
 - Bottom right: -U-

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

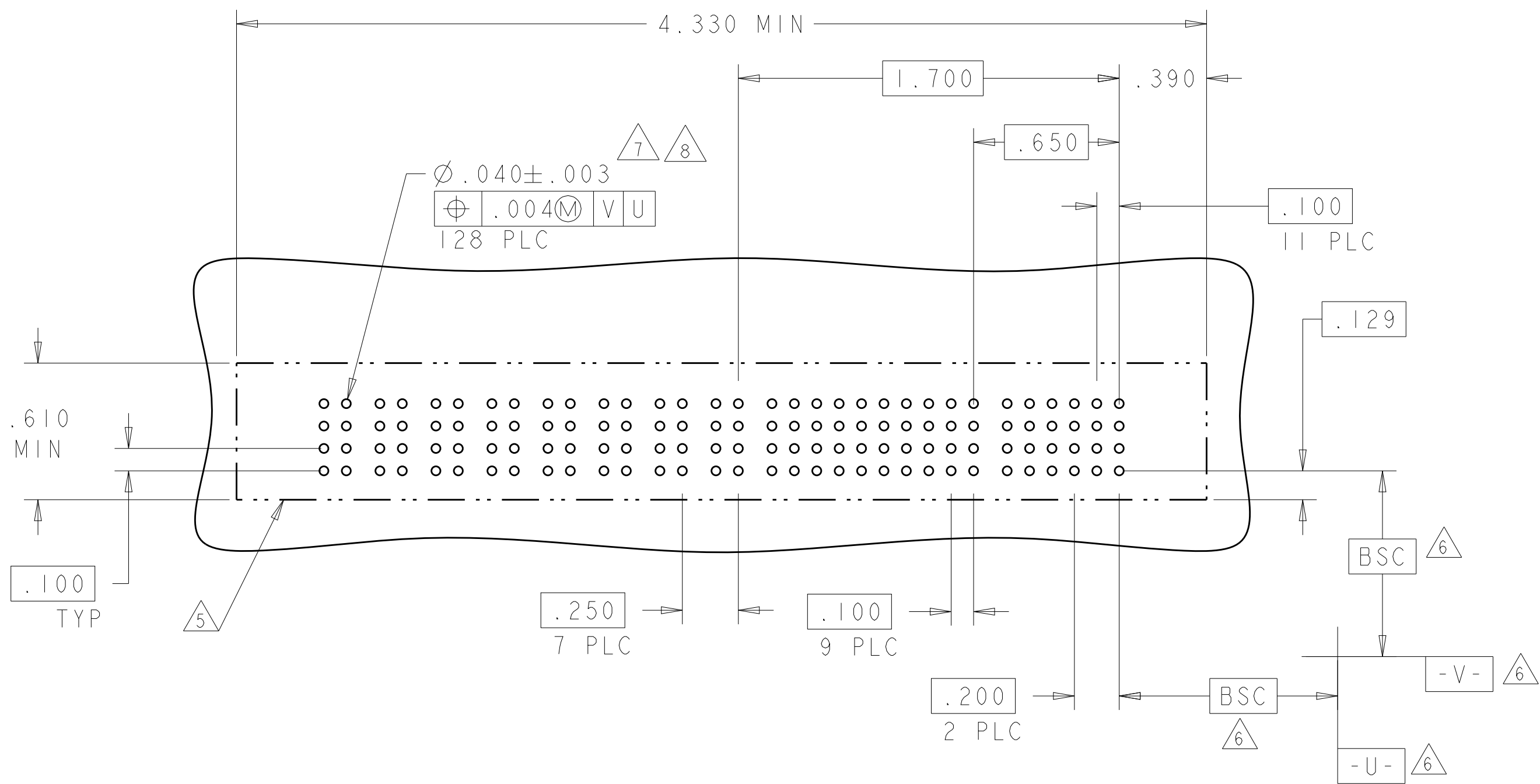
- Overall width: 3.280 MIN
- Overall height: .610 MIN
- Distance from left edge to first hole column: 2.100
- Distance between hole columns: .475
- Distance from last hole column to right edge: .415
- Distance from bottom edge to first hole row: .250
- Distance between hole rows: .100
- Distance from last hole row to bottom edge: .100
- Distance from right edge to first hole column: .100 TYP
- Distance from right edge to second hole column: .129
- Distance from right edge to third hole column: .100
- Distance from right edge to fourth hole column: .100
- Distance from right edge to fifth hole column: .100
- Distance from right edge to sixth hole column: .100
- Distance from right edge to seventh hole column: .100
- Distance from right edge to eighth hole column: .100
- Distance from right edge to ninth hole column: .100
- Distance from right edge to tenth hole column: .100
- Distance from right edge to eleventh hole column: .100
- Distance from right edge to twelfth hole column: .100
- Distance from right edge to thirteenth hole column: .100
- Distance from right edge to fourteenth hole column: .100
- Distance from right edge to fifteenth hole column: .100
- Distance from right edge to sixteenth hole column: .100
- Distance from right edge to seventeenth hole column: .100
- Distance from right edge to eighteenth hole column: .100
- Distance from right edge to nineteenth hole column: .100
- Distance from right edge to twentieth hole column: .100
- Distance from right edge to twenty-first hole column: .100
- Distance from right edge to twenty-second hole column: .100
- Distance from right edge to twenty-third hole column: .100
- Distance from right edge to twenty-fourth hole column: .100
- Distance from right edge to twenty-fifth hole column: .100
- Distance from right edge to twenty-sixth hole column: .100
- Distance from right edge to twenty-seventh hole column: .100
- Distance from right edge to twenty-eighth hole column: .100
- Distance from right edge to twenty-ninth hole column: .100
- Distance from right edge to thirtieth hole column: .100
- Distance from right edge to thirty-first hole column: .100
- Distance from right edge to thirty-second hole column: .100
- Distance from right edge to thirty-third hole column: .100
- Distance from right edge to thirty-fourth hole column: .100
- Distance from right edge to thirty-fifth hole column: .100
- Distance from right edge to thirty-sixth hole column: .100
- Distance from right edge to thirty-seventh hole column: .100
- Distance from right edge to thirty-eighth hole column: .100
- Distance from right edge to thirty-ninth hole column: .100
- Distance from right edge to fortieth hole column: .100
- Distance from right edge to forty-first hole column: .100
- Distance from right edge to forty-second hole column: .100
- Distance from right edge to forty-third hole column: .100
- Distance from right edge to forty-fourth hole column: .100
- Distance from right edge to forty-fifth hole column: .100
- Distance from right edge to forty-sixth hole column: .100
- Distance from right edge to forty-seventh hole column: .100
- Distance from right edge to forty-eighth hole column: .100
- Distance from right edge to forty-ninth hole column: .100
- Distance from right edge to fiftieth hole column: .100
- Distance from right edge to fifty-first hole column: .100
- Distance from right edge to fifty-second hole column: .100
- Distance from right edge to fifty-third hole column: .100
- Distance from right edge to fifty-fourth hole column: .100
- Distance from right edge to fifty-fifth hole column: .100
- Distance from right edge to fifty-sixth hole column: .100
- Distance from right edge to fifty-seventh hole column: .100
- Distance from right edge to fifty-eighth hole column: .100
- Distance from right edge to fifty-ninth hole column: .100
- Distance from right edge to sixtieth hole column: .100
- Distance from right edge to sixty-first hole column: .100
- Distance from right edge to sixty-second hole column: .100
- Distance from right edge to sixty-third hole column: .100
- Distance from right edge to sixty-fourth hole column: .100
- Distance from right edge to sixty-fifth hole column: .100
- Distance from right edge to sixty-sixth hole column: .100
- Distance from right edge to sixty-seventh hole column: .100
- Distance from right edge to sixty-eighth hole column: .100
- Distance from right edge to sixty-ninth hole column: .100
- Distance from right edge to seventieth hole column: .100
- Distance from right edge to seventy-first hole column: .100
- Distance from right edge to seventy-second hole column: .100
- Distance from right edge to seventy-third hole column: .100
- Distance from right edge to seventy-fourth hole column: .100
- Distance from right edge to seventy-fifth hole column: .100
- Distance from right edge to seventy-sixth hole column: .100
- Distance from right edge to seventy-seventh hole column: .100
- Distance from right edge to seventy-eighth hole column: .100
- Distance from right edge to seventy-ninth hole column: .100
- Distance from right edge to eightieth hole column: .100
- Distance from right edge to eighty-first hole column: .100
- Distance from right edge to eighty-second hole column: .100
- Distance from right edge to eighty-third hole column: .100
- Distance from right edge to eighty-fourth hole column: .100
- Distance from right edge to eighty-fifth hole column: .100
- Distance from right edge to eighty-sixth hole column: .100
- Distance from right edge to eighty-seventh hole column: .100
- Distance from right edge to eighty-eighth hole column: .100
- Distance from right edge to eighty-ninth hole column: .100
- Distance from right edge to ninetieth hole column: .100
- Distance from right edge to ninety-first hole column: .100
- Distance from right edge to ninety-second hole column: .100
- Distance from right edge to ninety-third hole column: .100
- Distance from right edge to ninety-fourth hole column: .100
- Distance from right edge to ninety-fifth hole column: .100
- Distance from right edge to ninety-sixth hole column: .100
- Distance from right edge to ninety-seventh hole column: .100
- Distance from right edge to ninety-eighth hole column: .100
- Distance from right edge to ninety-ninth hole column: .100
- Distance from right edge to one hundredth hole column: .100

[illegible]

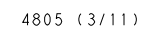
VP	POWER CONTACT MFBL	.115
VS	POWER CONTACT STD	.115
P	SINGAL CONTACT	.115
AT	SIGNAL CONTACT	.135
PT	POWER CONTACT MFBL	.135
ST	POWER CONTACT STD	.135
BP	SIGNAL CONTACT	.165
HS	POWER CONTACT, STD	.165
HP	POWER CONTACT, MFBL	.165
AP	SIGNAL CONTACT	.135
GS	POWER CONTACT, STD	.135
GP	POWER CONTACT, MFBL	.135
CODE	DESCRIPTION	TAIL LENGTH

CONTACT TALE											
NT:	DWN	R. GRZYBOWSKI	02MAY05	 TE Connectivity		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL					
	CWM	M. PERCHERKE	02MAY05								
0:	APVER	M. PERCHERKE	-								
	PRODUCT SPEC										
	108-1973			RESTRICTED TO							
	APPLICATION SPEC										
	114-13038										
	WEIGHT			SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
	-			A1		00779		C=6450550		-	
CUSTOMER DRAWING				SCALE		4:1		SHEET		3 OF 23	
								REV		U3	

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	AP	GS	GP	GS		
			AP	AP	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	AP	AP	AP	GS		GP
3P + 40S + 8P										AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS					



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 02MAT05		TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		CHW M. PERCHERKE 02MAT05		APVD M. PERCHERKE	
		PRODUCT SPEC		108-1973	
		APPLICATION SPEC		114-13038	
		WEIGHT		-	
		FINISH		-	
MATERIAL		CUSTOMER DRAWING		SCALE 4:1 SHEET 4 OF 23 REV U3	



[illegible]

Technical drawing of a rectangular plate with dimensions and tolerances:

- Overall Dimensions:**
 - Length: 2.880 MIN
 - Width: .610 MIN
- Internal Features:**
 - A central rectangular area containing a grid of holes.
 - Distance from top edge to center of hole grid: 1.700
 - Distance from left edge to center of hole grid: .475
 - Distance from right edge to center of hole grid: .129
- Tolerances and Surface Finish:**
 - Surface finish symbol: .100 TYP
 - Hole diameter tolerance: $\varnothing .040 \pm .003$
 - Positional tolerance: $\varnothing .004 M$
 - Material specification: V U
 - Quantity: 80 PLC
- Other Callouts:**
 - .100 4 PLC
 - .250 2 PLC
 - BSC (Bore)
 - U-
 - V-

Technical drawing of a mechanical part, likely a filter or screen, showing dimensions and tolerances.

Dimensions and Tolerances:

- Overall length: 4.880 MIN
- Overall width: .610 MIN
- Distance from left edge to first hole: 4.550
- Distance between holes: .165
- Distance from last hole to right edge: .275
- Distance from left edge to center of first hole: .098 ± .002
- Distance from center of first hole to center of last hole: .250
- Distance from center of last hole to right edge: .300
- Distance from left edge to center of first hole: .098 ± .002
- Distance from center of first hole to center of last hole: .250
- Distance from center of last hole to right edge: .300
- Distance from left edge to center of first hole: .098 ± .002
- Distance from center of first hole to center of last hole: .250
- Distance from center of last hole to right edge: .300

Surface Features and Tolerances:

- Surface 1: 2 PLC, $\varnothing .004 \text{ M}$, $\varnothing .098 \pm .002$
- Surface 2: 11 PLC, .250
- Surface 3: 12 PLC, .100
- Surface 4: 5 PLC, .100
- Surface 5: 2 PLC, .100
- Surface 6: BSC, .076 TYP
- Surface 7: 7, $\varnothing .040 \pm .003$
- Surface 8: 8, $\varnothing .004 \text{ M}$, $\varnothing .098 \pm .002$

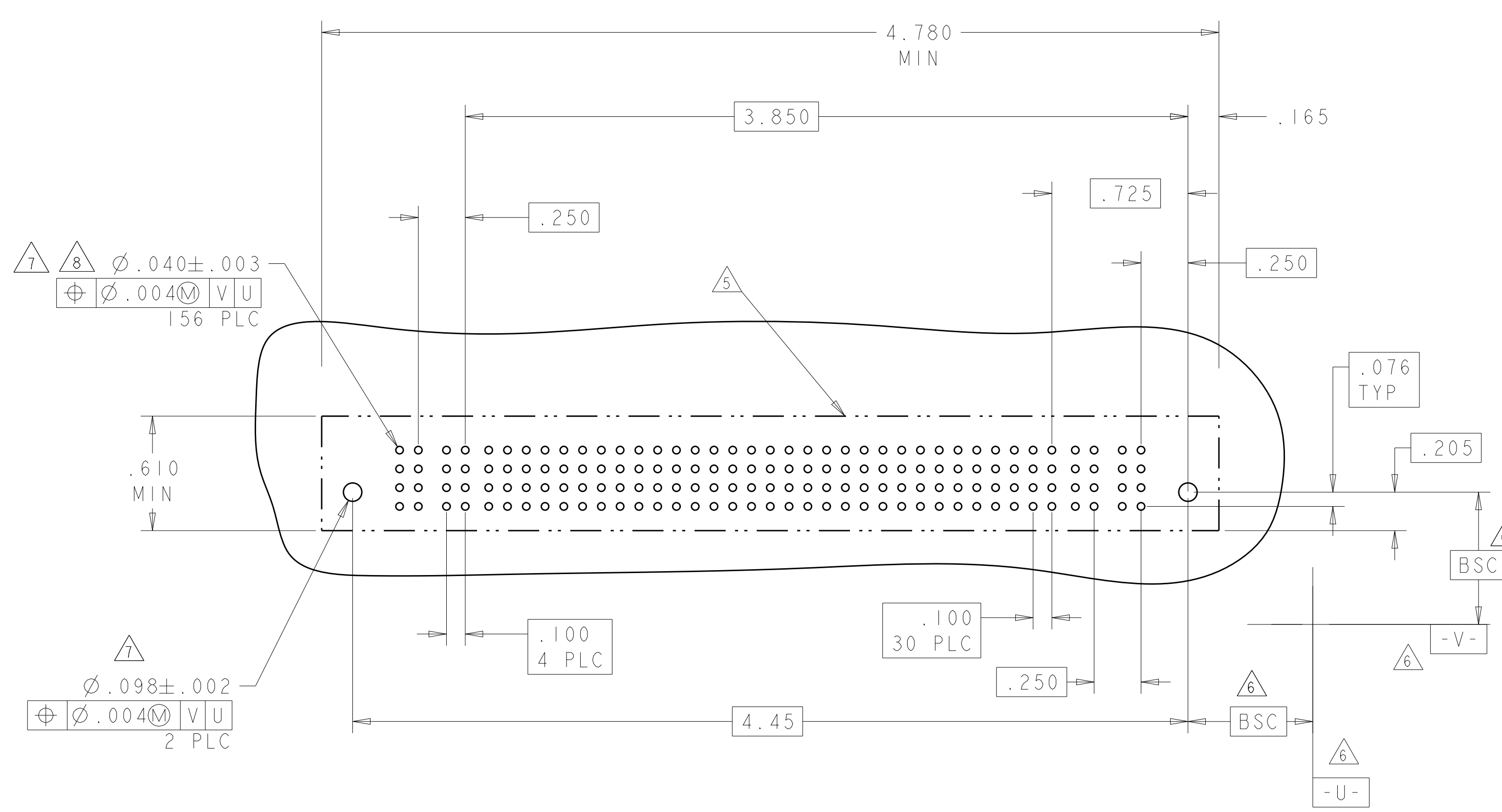
Other Features:

- Two circular holes on the left and right edges.
- Two rectangular holes on the right edge.
- Two rectangular holes on the bottom edge.
- Two rectangular holes on the top edge.
- Two rectangular holes on the right edge.
- Two rectangular holes on the bottom edge.
- Two rectangular holes on the top edge.

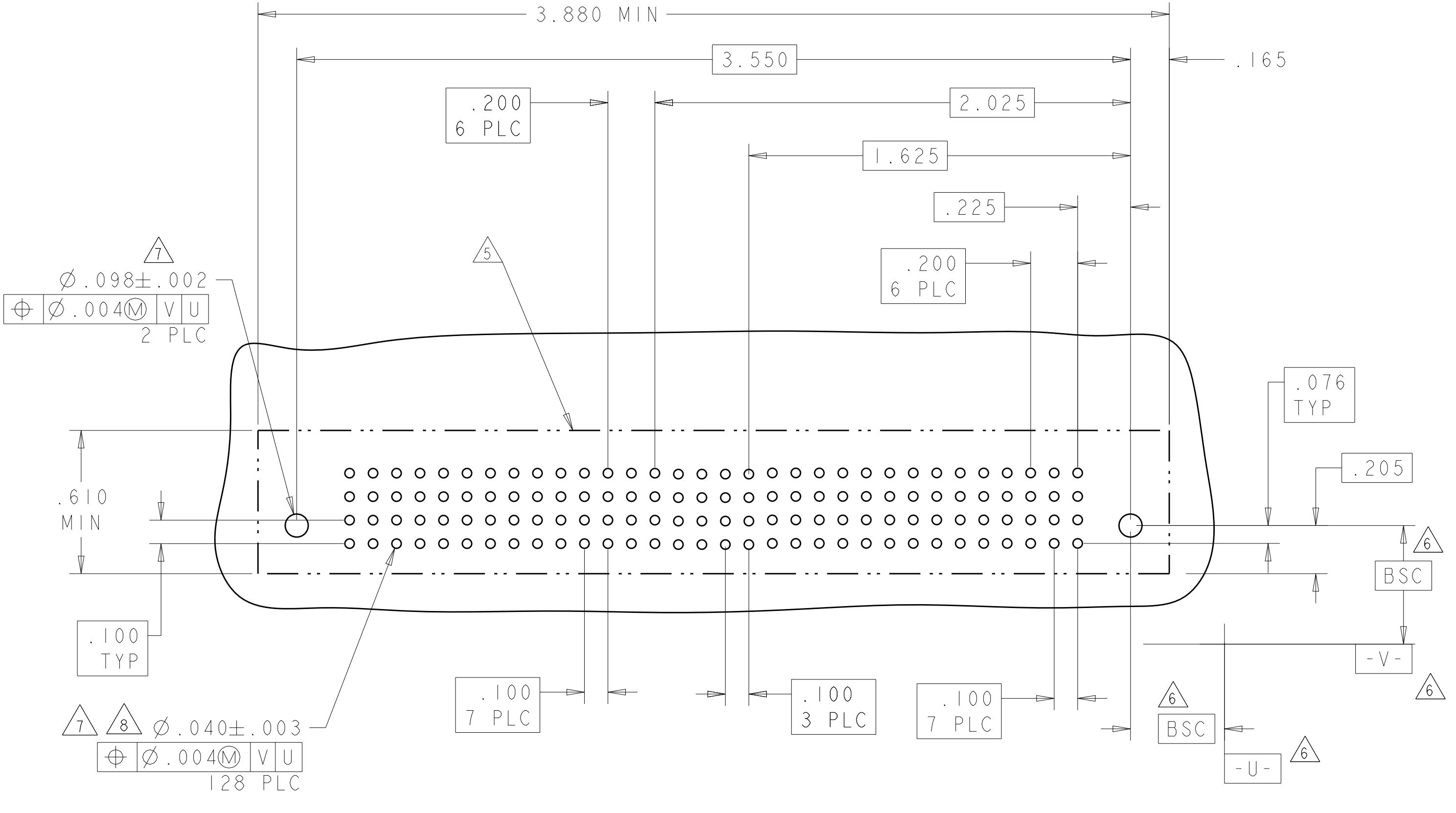
4805 (3/11)

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

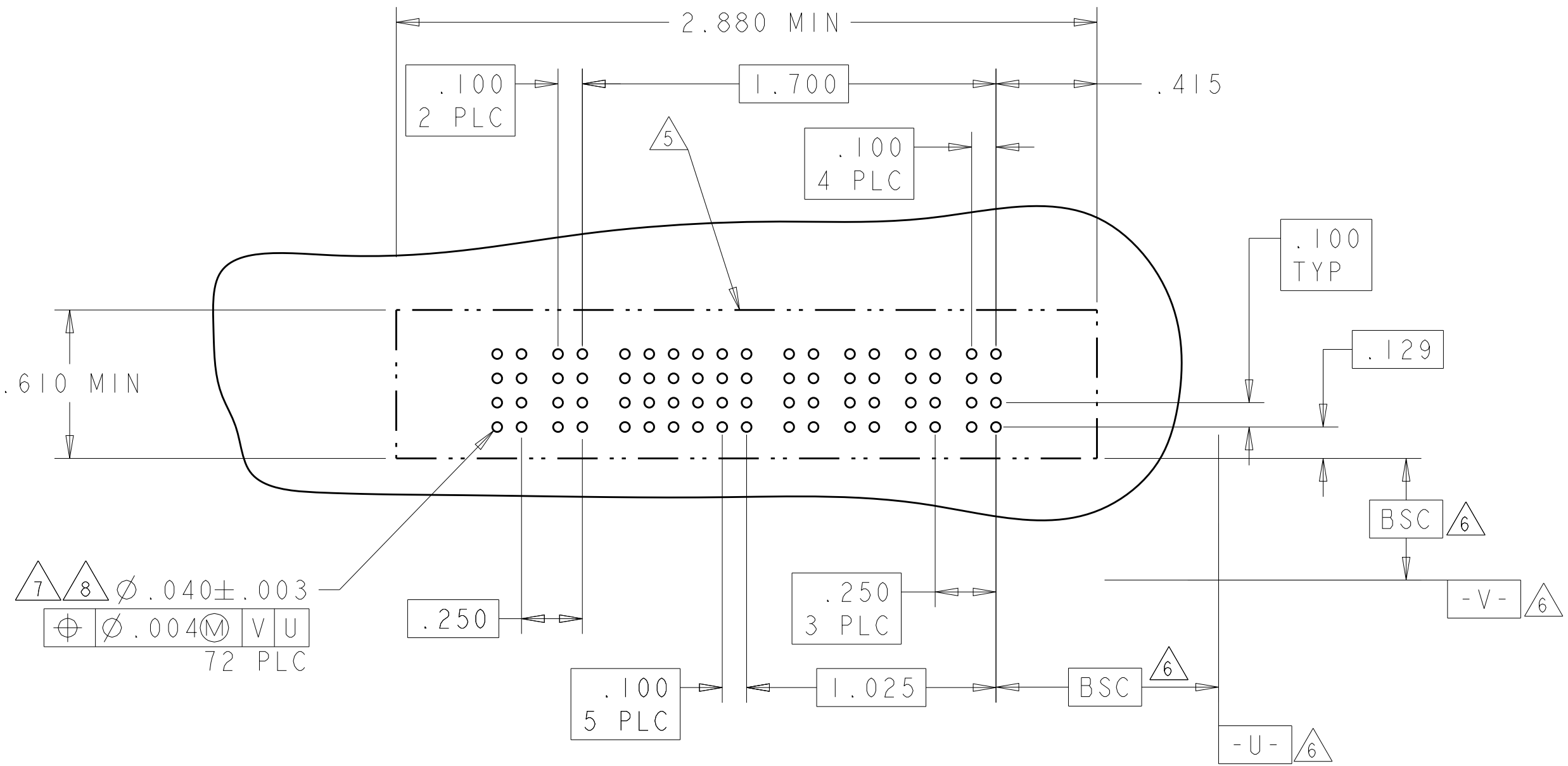
PART NUMBER	ROWS		POWER		SIGNAL																									POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			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				AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	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																							



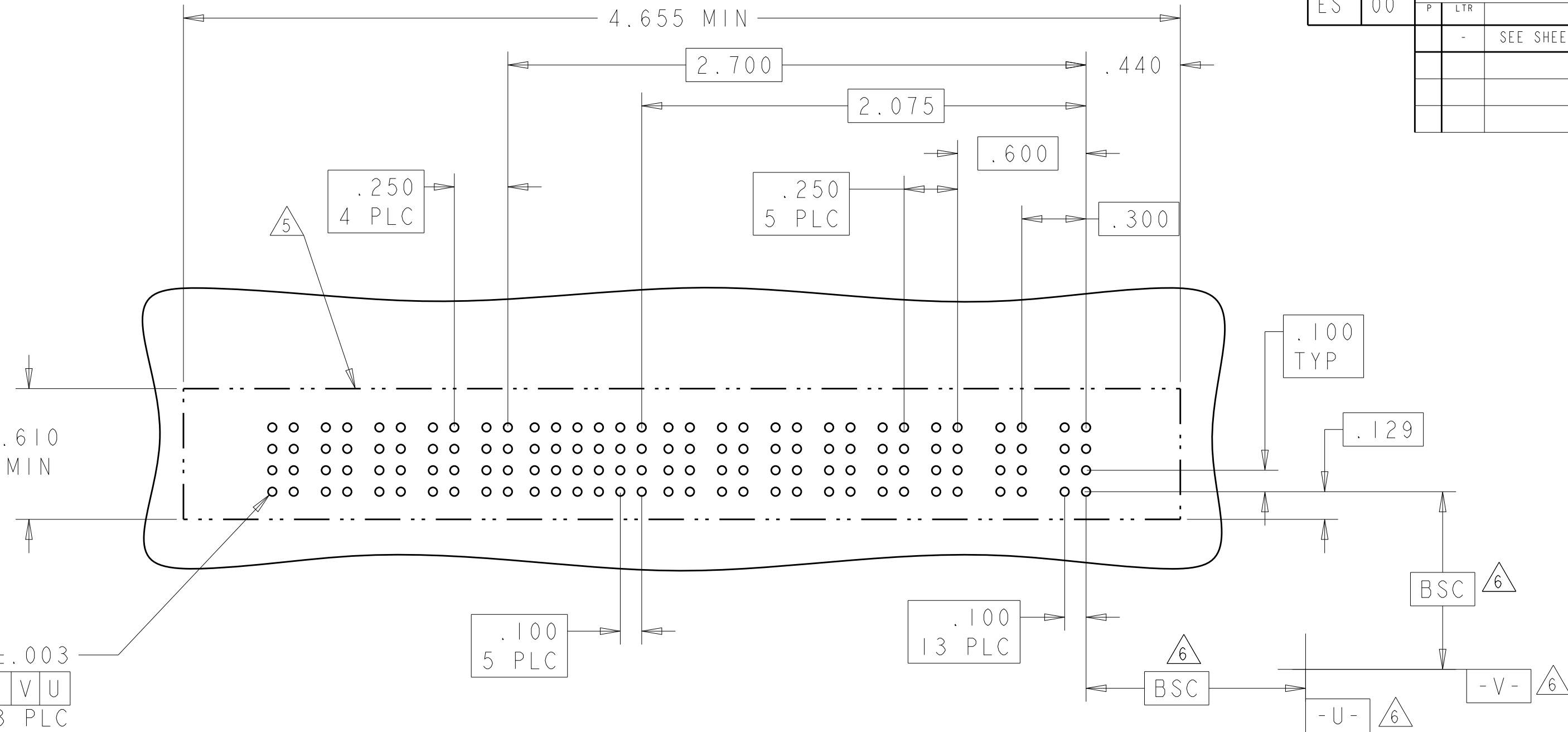
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1-6450550-6	D C B A		GP	GS	AP	AP	AP	AP	AP	AP	GS	GP	GS	GP	
					AP	AP	AP	AP	AP	AP					
					AP	AP	AP	AP	AP	AP					
					AP	AP	AP	AP	AP	AP					
4P + 24S + 2P															



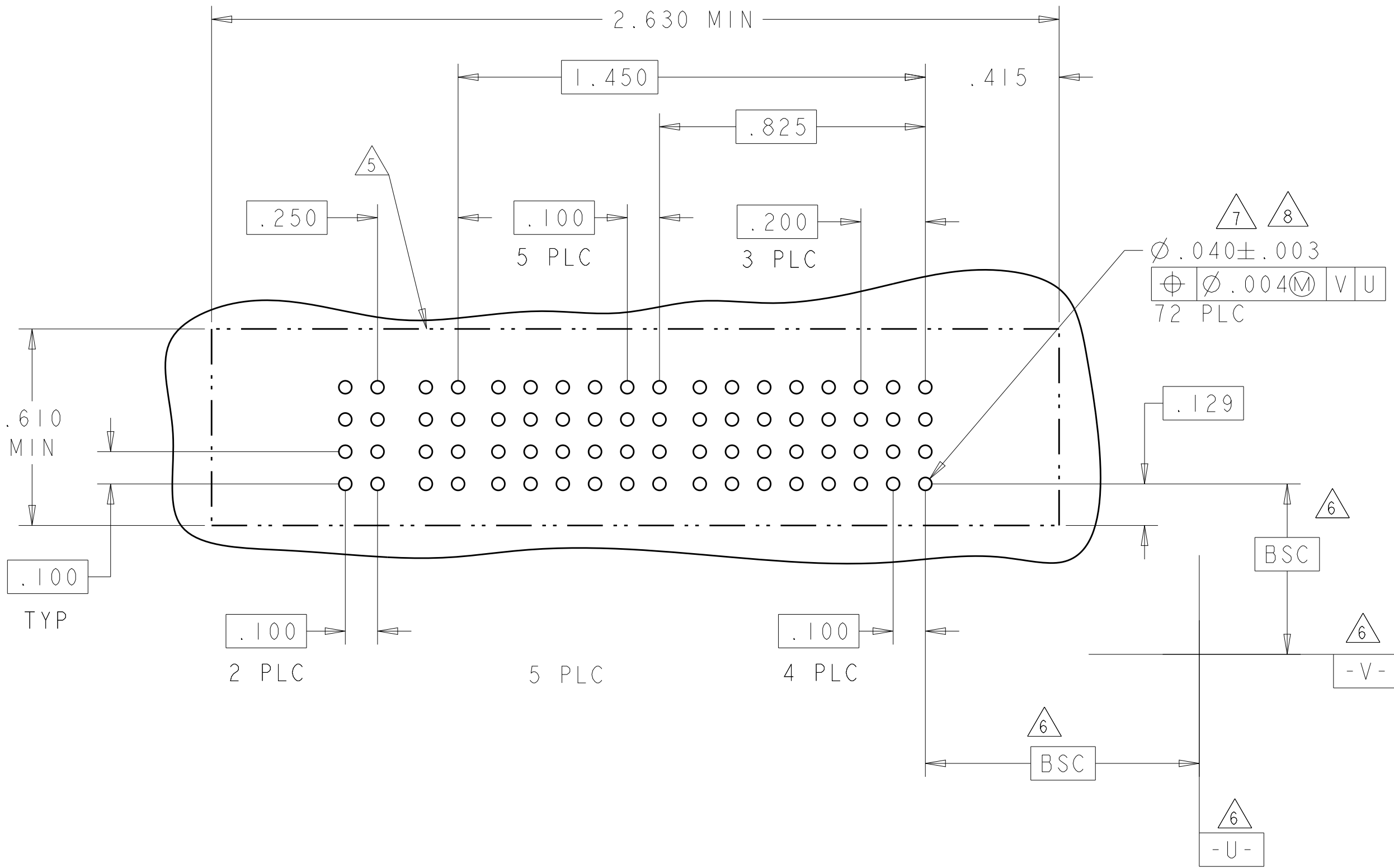
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	02MAY05	TE TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE	02MAY05		
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.2°		PRODUCT SPEC	
MATERIAL		FINISH		APPLICATION SPEC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

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

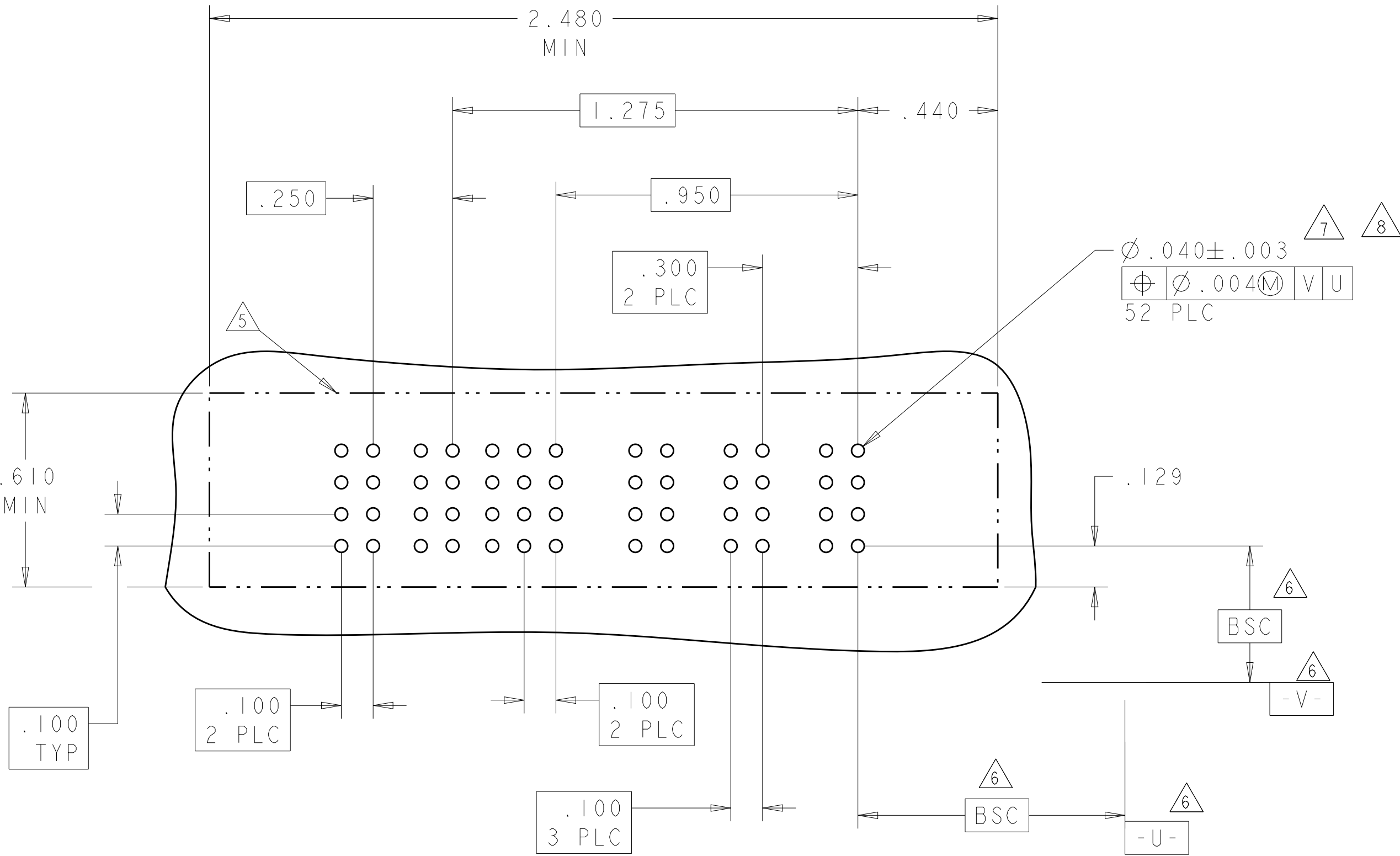
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1-6450550-8	D C B A																					
2ACP + 6P + 24S + 5P																						



PART NUMBER	ROWS		POWER		SIGNAL					POWER					
			P6	P5	6	5	4	3	2	1	P4	P3	P2		P1
1-6450550-9	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															



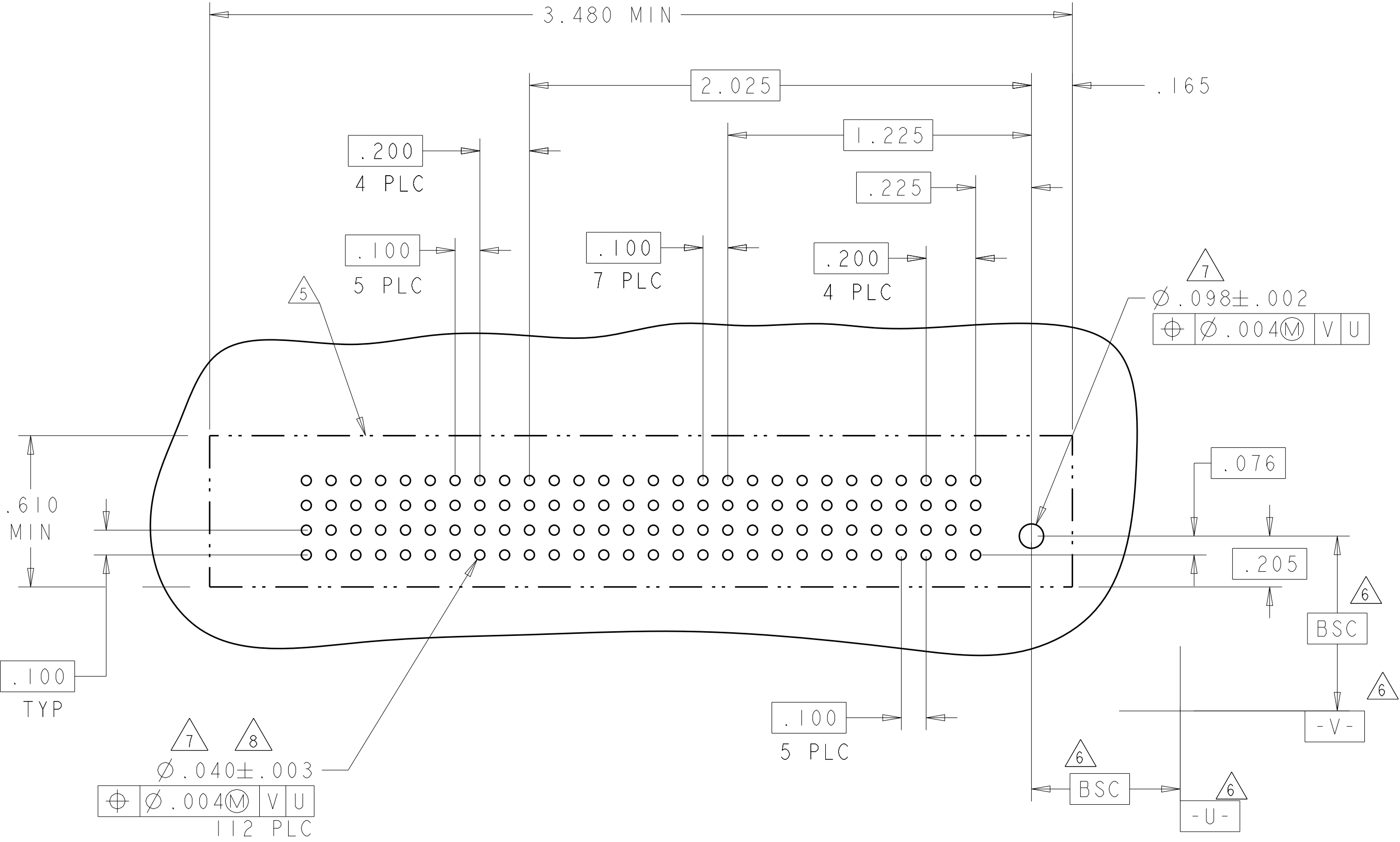
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2-6450550-4	D C B A				AP	AP	AP					
					AP	AP	AP					
					AP	AP	AP					
					AP	AP	AP					
3ACP + 16S + 2P												



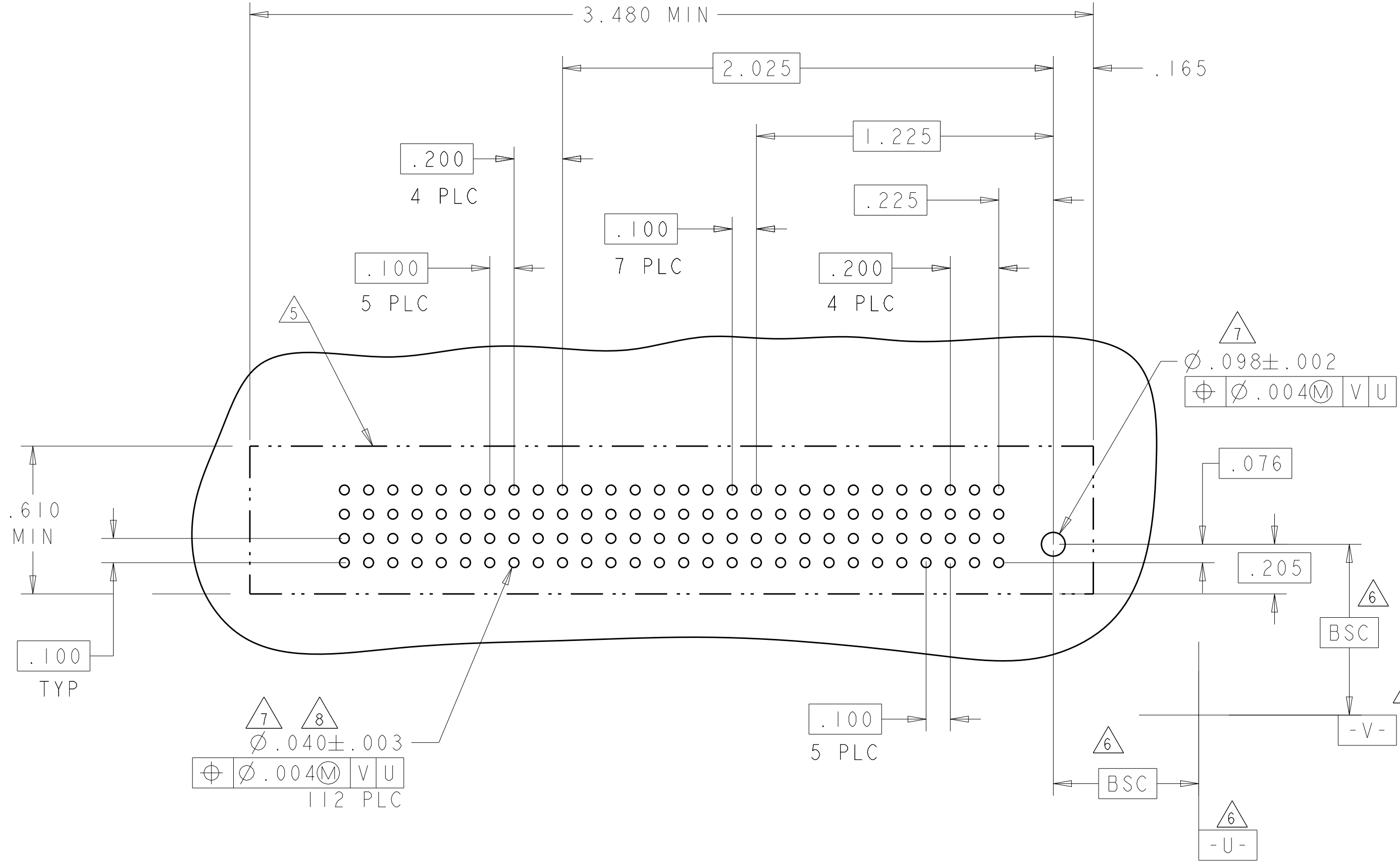
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R. GRZYBOWSKI	02MAY05			NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL	
DIMENSIONS: INCHES		CHK M. PERCHERKE	02MAY05				
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE		SIZE CAGE CODE DRAWING NO	
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.2° FINISH		PRODUCT SPEC 108-1973		RESTRICTED TO	
MATERIAL		APPLICATION SPEC 114-13038		WEIGHT		A100779C=6450550	
		CUSTOMER DRAWING		SCALE 4:1		SHEET 7 OF 23	

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

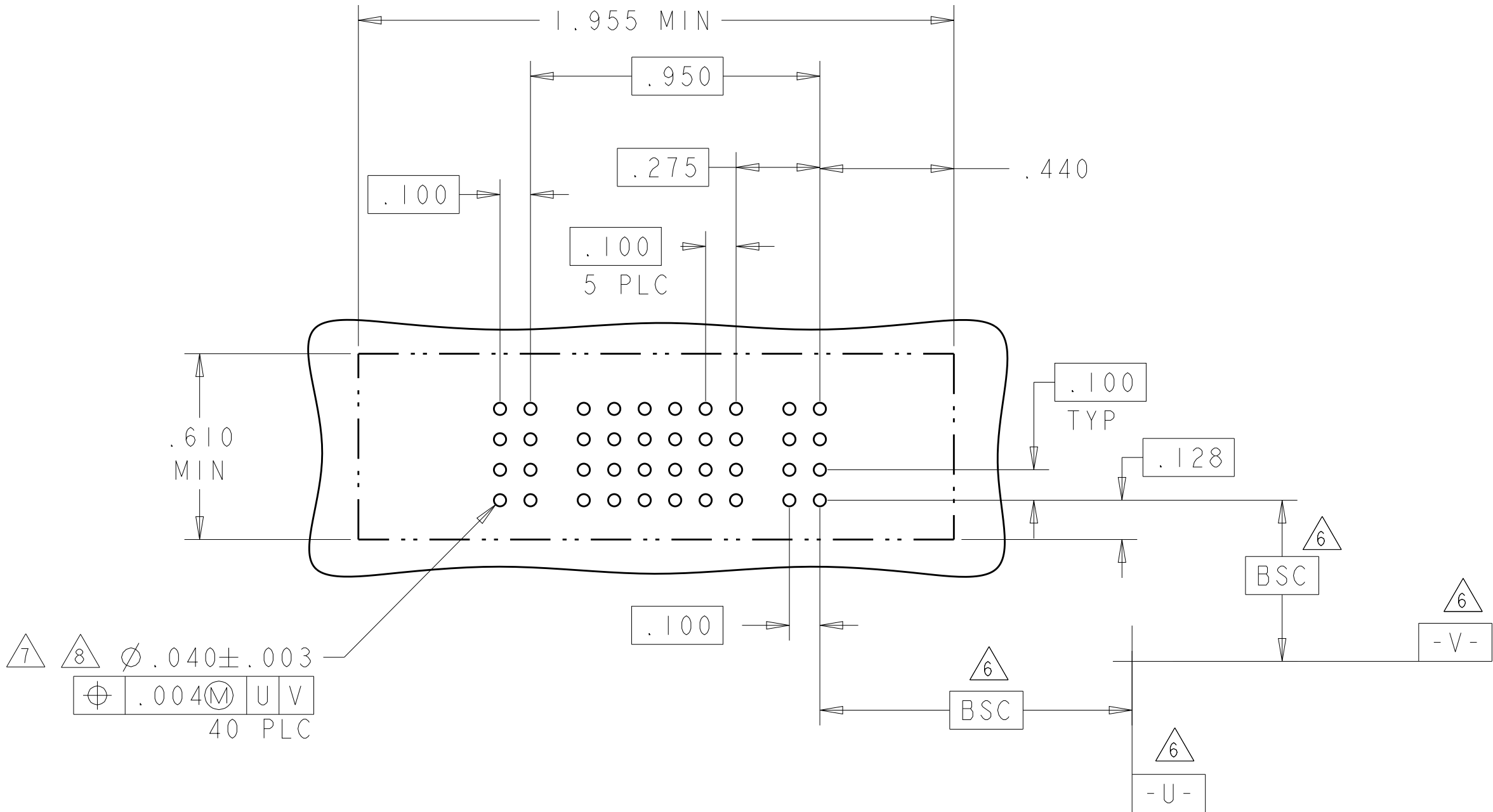
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2-6450550-8	D C B A																				
5P + 32S + 5P																					

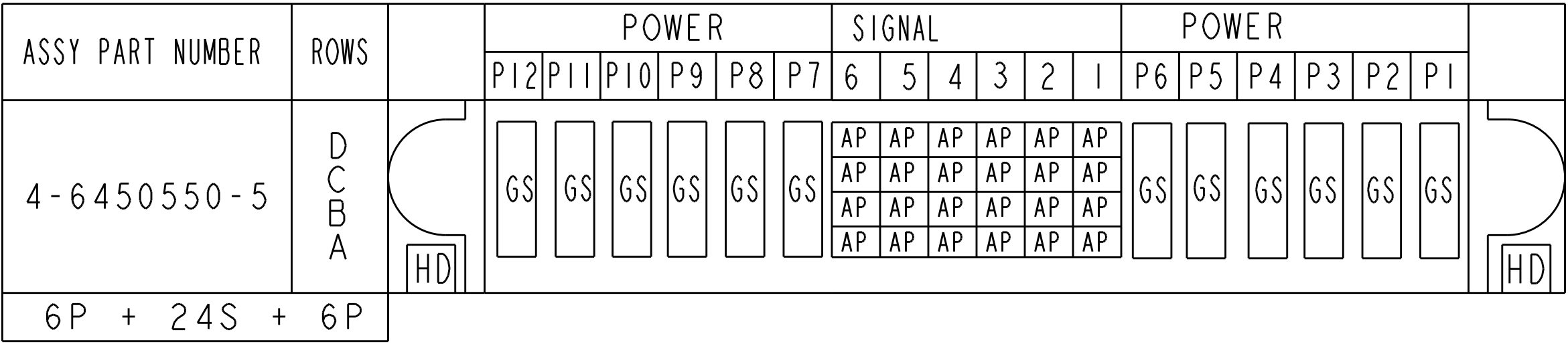


PART NUMBER	ROWS		POWER					SIGNAL							POWER						
			P10	P9	P8	P7	P6	8	7	6	5	4	3	2	1	P5	P4	P3	P2		P1
3-6450550-5	D C B A																				
5P + 32S + 5P																					

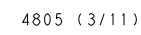


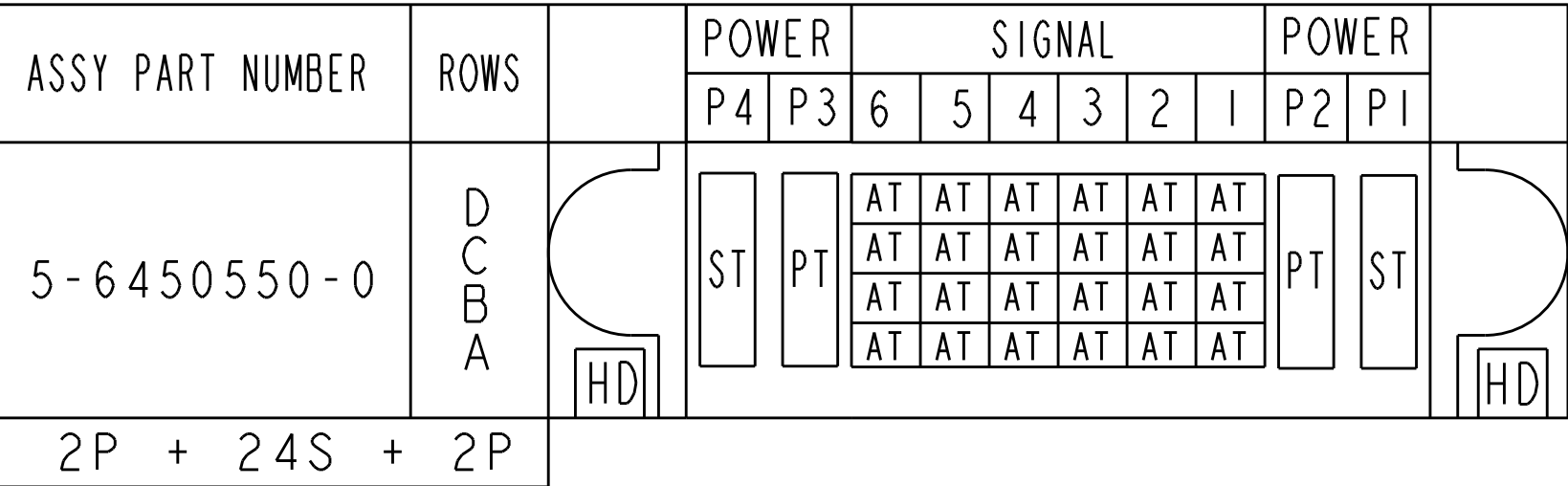
PART NUMBER	ROWS		POWER (L)	SIGNAL							POWER (R)	
			P2	6	5	4	3	2	1	P1		
1-6450550-7	D C B A		GS	AP	AP	AP	AP	AP	AP	AP	GP	
				AP	AP	AP	AP	AP	AP	AP		
				AP	AP	AP	AP	AP	AP	AP		
				AP	AP	AP	AP	AP	AP	AP		
IP + 24S + IP												





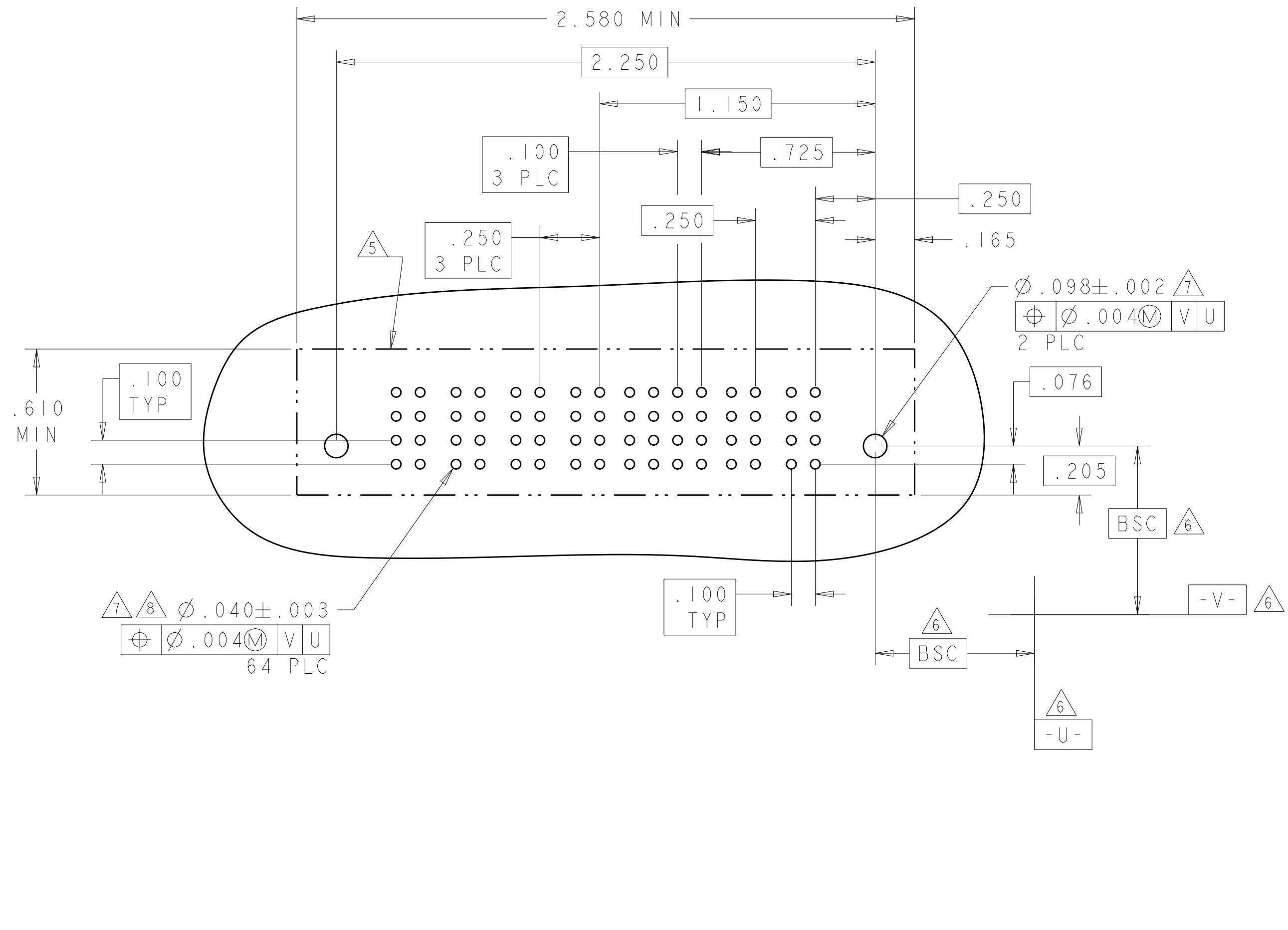
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 02MAT05		TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		CHW M. PERCHERKE 02MAT05		TE	
		APVD M. PERCHERKE		TE	
		PRODUCT SPEC 108-1973		TE	
		APPLICATION SPEC 114-13038		TE	
		WEIGHT -		TE	
MATERIAL		FINISH		SIZE	
				CAGE CODE	
				DRAWING NO	
				RESTRICTED TO	
				A 100779 © 6450550	
				SCALE	
				4:1	
				SHEET	
				9 OF	
				REV	
				U3	



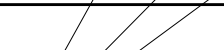
[illegible]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWA R. GRZYBOWSKI		02MAT05		 TE Connectivity	
		CHP M. PERCHERKE		02MAT05			
DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL -	
		0 PLOC ±.1 1 PLOC ±.1 2 PLOC ±.01 3 PLOC ±.005 4 PLOC ±.0020 ANGLES ±.2°		FINISH F			
		MATERIAL		WEIGHT -		SIZE CASE CODE DRAWING NO A1 00779 C-6450550	
				CUSTOMER DRAWING		SCALE 4:1 SHEET 10 OF 23 REV U	

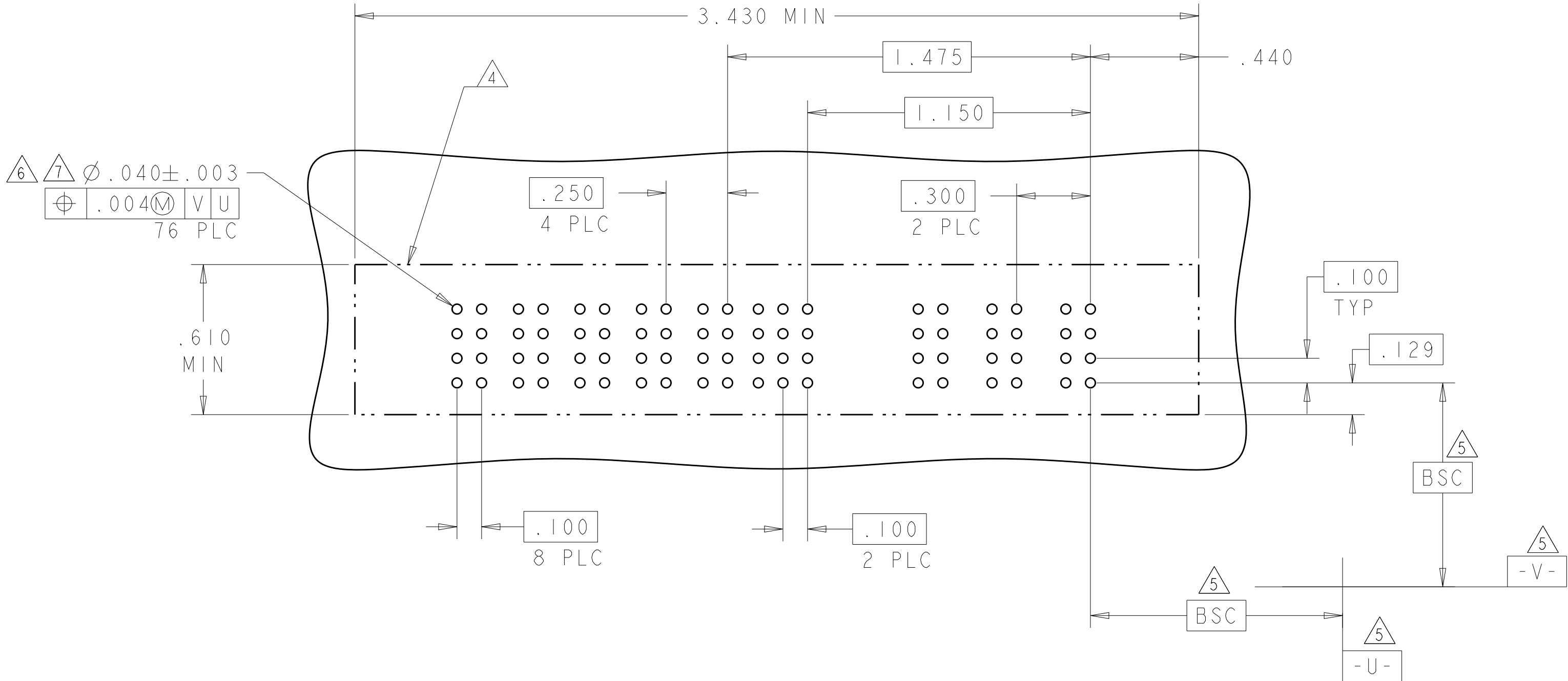
PART NUMBER	ROWS		POWER				SIGNAL				POWER		
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5-6450550-4	D						AP	AP	AP	AP			
	AP						AP	AP	AP				
	AP						AP	AP	AP				
	AP						AP	AP	AP				
	HD												
2P + 16S + 4P													

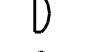
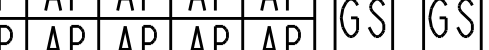
4805 (3/11)

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

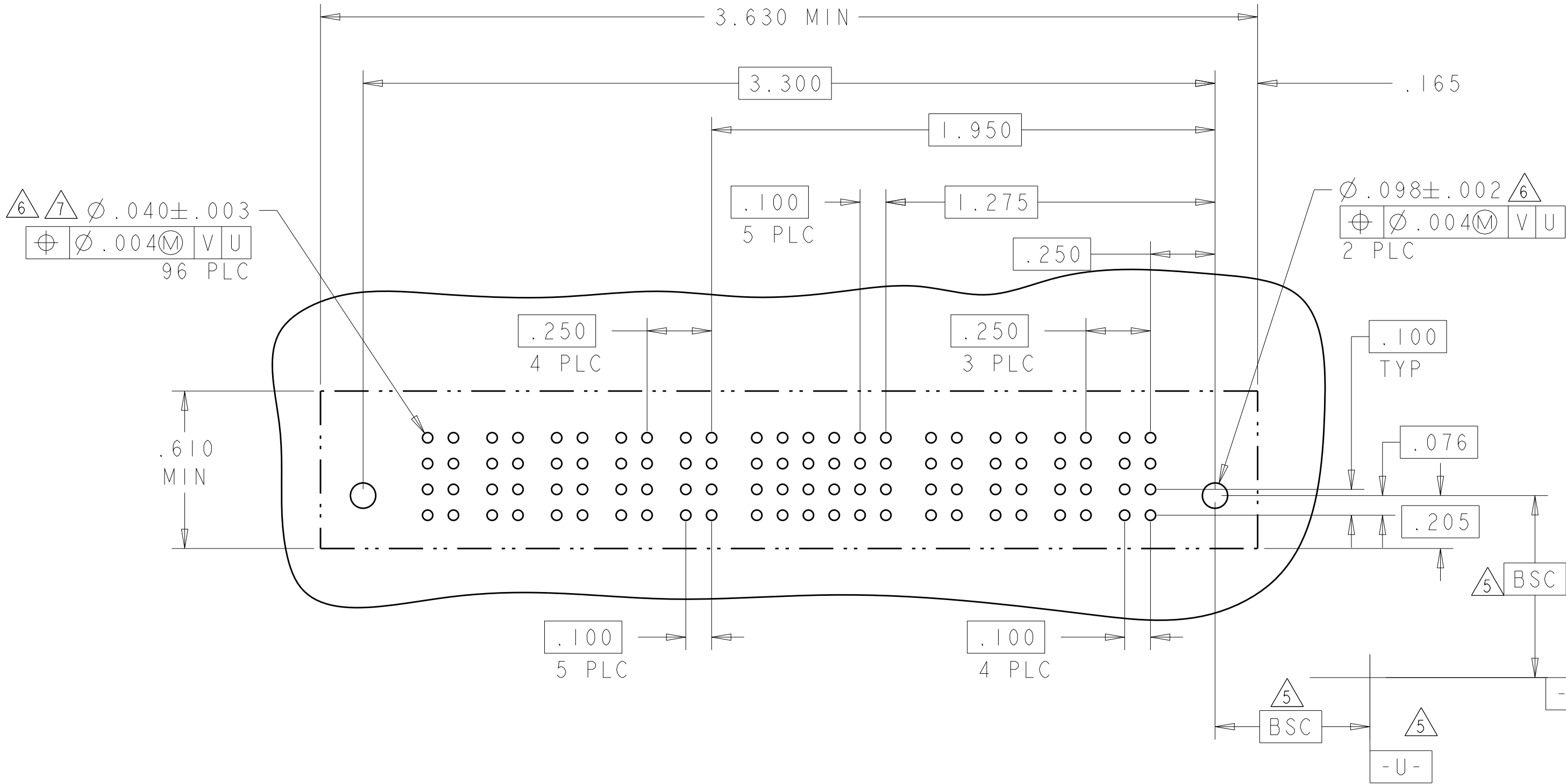
PART NUMBER	ROWS		POWER (L)					SIGNAL					POWER (R)				
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5-6450550-3	D C B A		 GP	 GP	 GP	 GS	 GS	AP	AP	AP				 GP	 GS	 GS	
								AP	AP	AP							
								AP	AP	AP							
								AP	AP	AP							
3ACP + 24S + 5P																	

NO CONTACTS LOADED

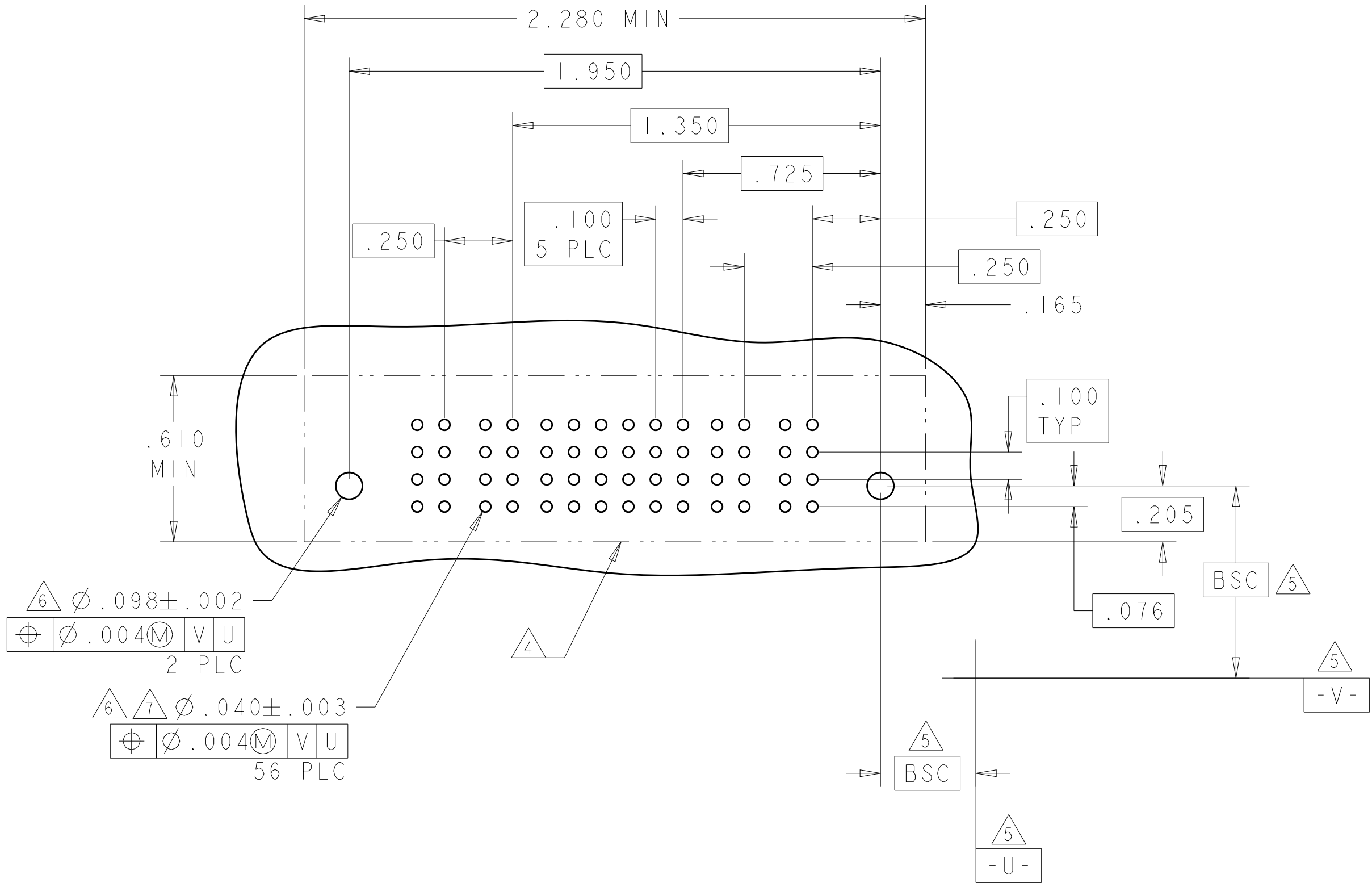


PART NUMBER	ROWS		POWER (L)					SIGNAL					POWER (R)						
			P9	P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2		P1	
5-6450550-5	D C B A	 																	 
4P + 24S + 5P																			

NO CONTACTS LOADED

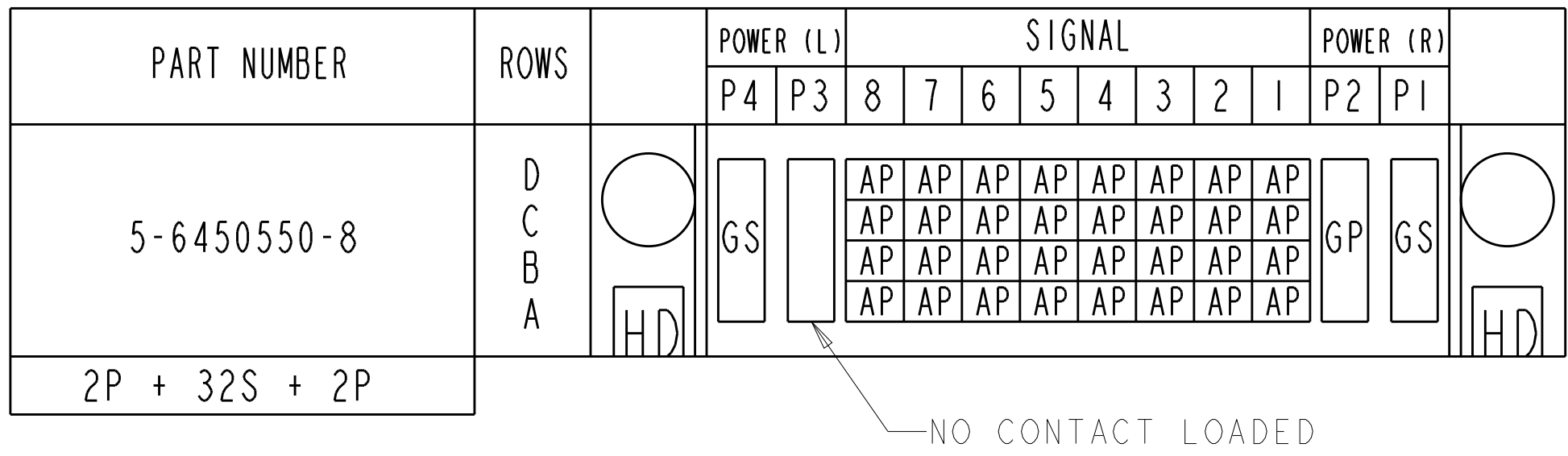
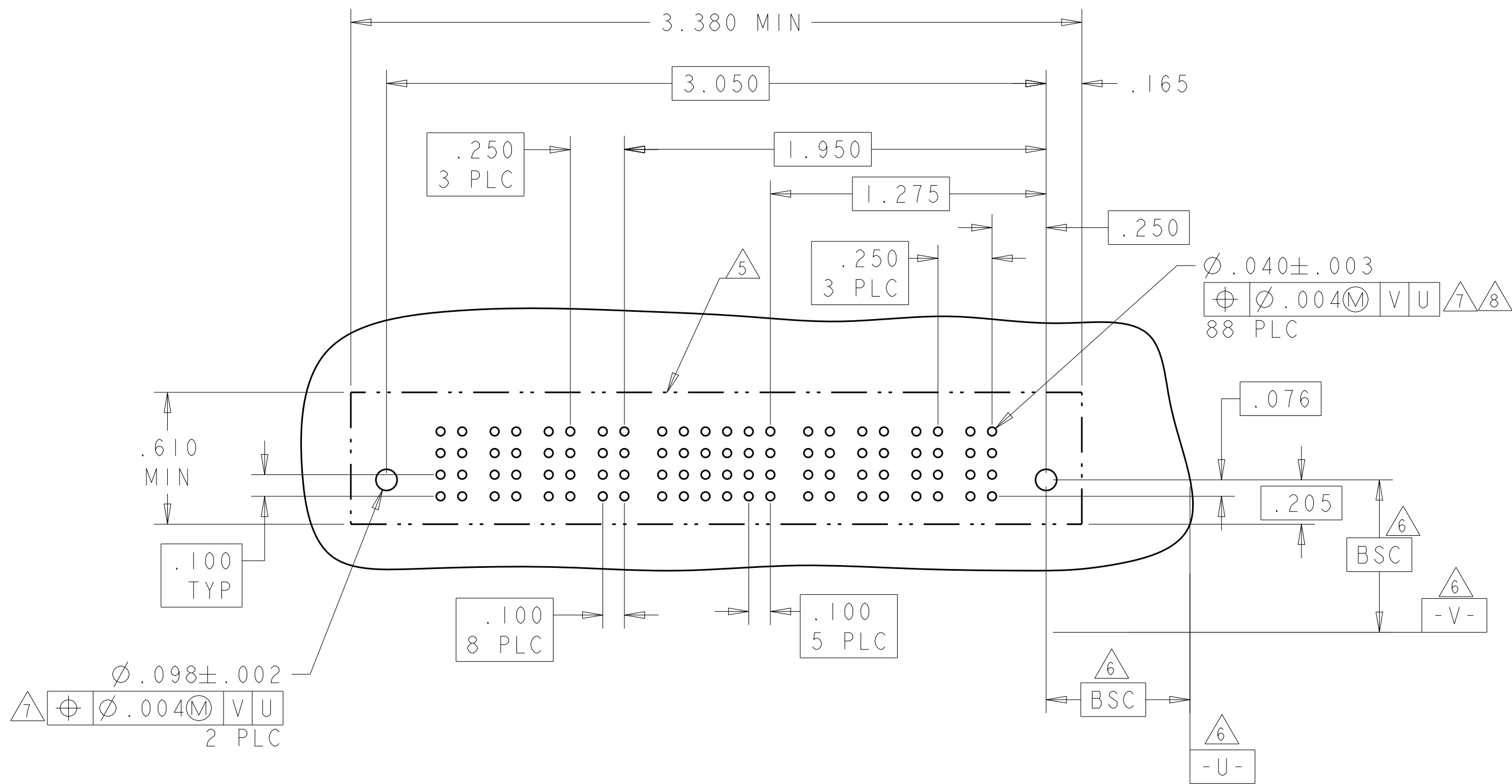


ASSY PART NUMBER	ROWS		POWER		SIGNAL					POWER				
			P4	P3	6	5	4	3	2	1	P2		P1	
4-6450550-7	D C B A		GS	GP	AP	AP	AP	AP	AP	AP	GP	GS		
					AP	AP	AP	AP	AP	AP				
					AP	AP	AP	AP	AP	AP				
					AP	AP	AP	AP	AP	AP				
2P + 24S + 2P														



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 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	
MATERIAL		108-1973	SIZE	
		APPLICATION SPEC	A100779C=6450550	
FINISH		114-13038	CAGE CODE	
		WEIGHT	DRAWING NO	
		CUSTOMER DRAWING	RESTRICTED TO	
		SCALE 4:1	SHEET 12 OF 23	
			REV U3	

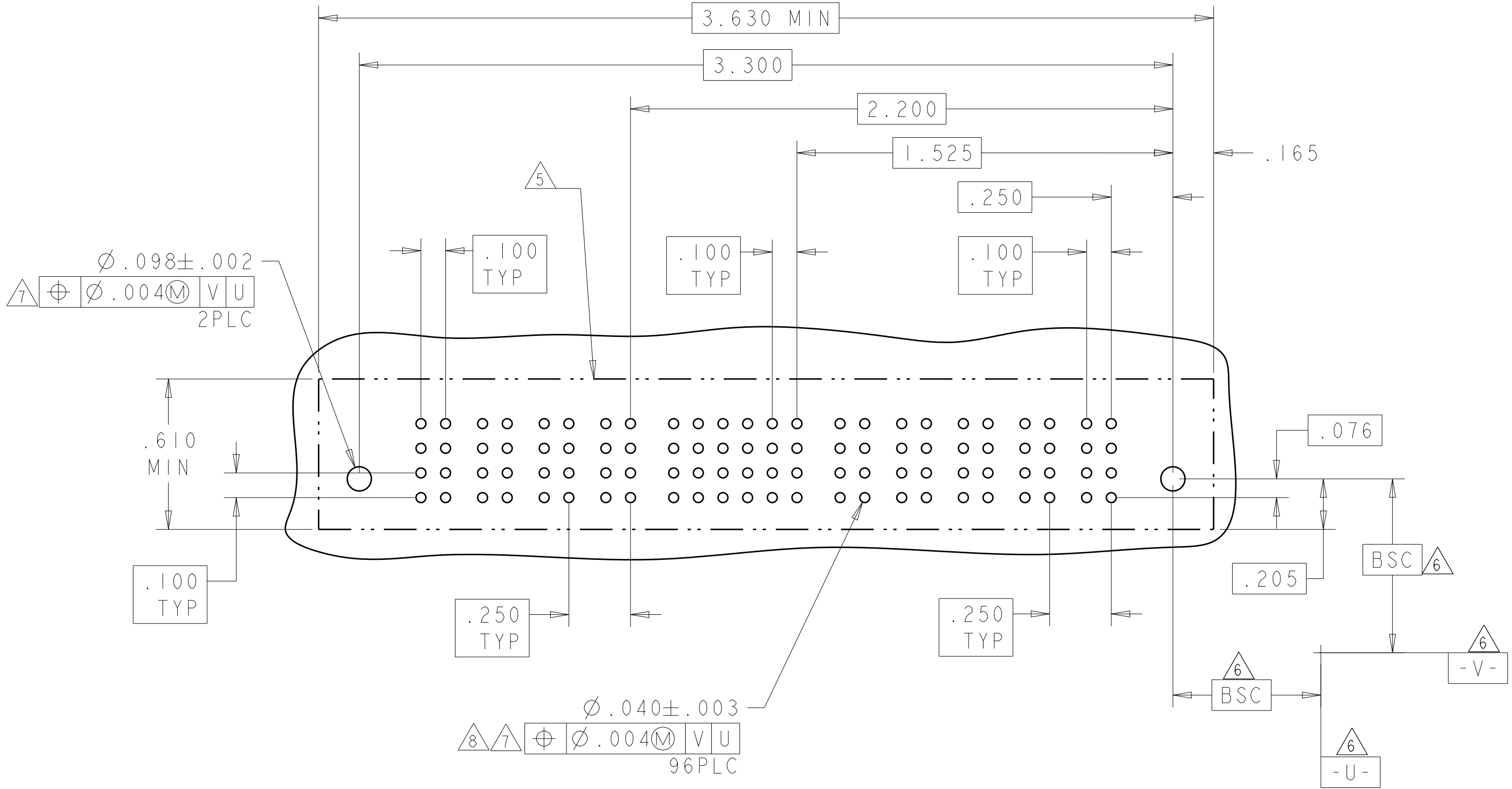
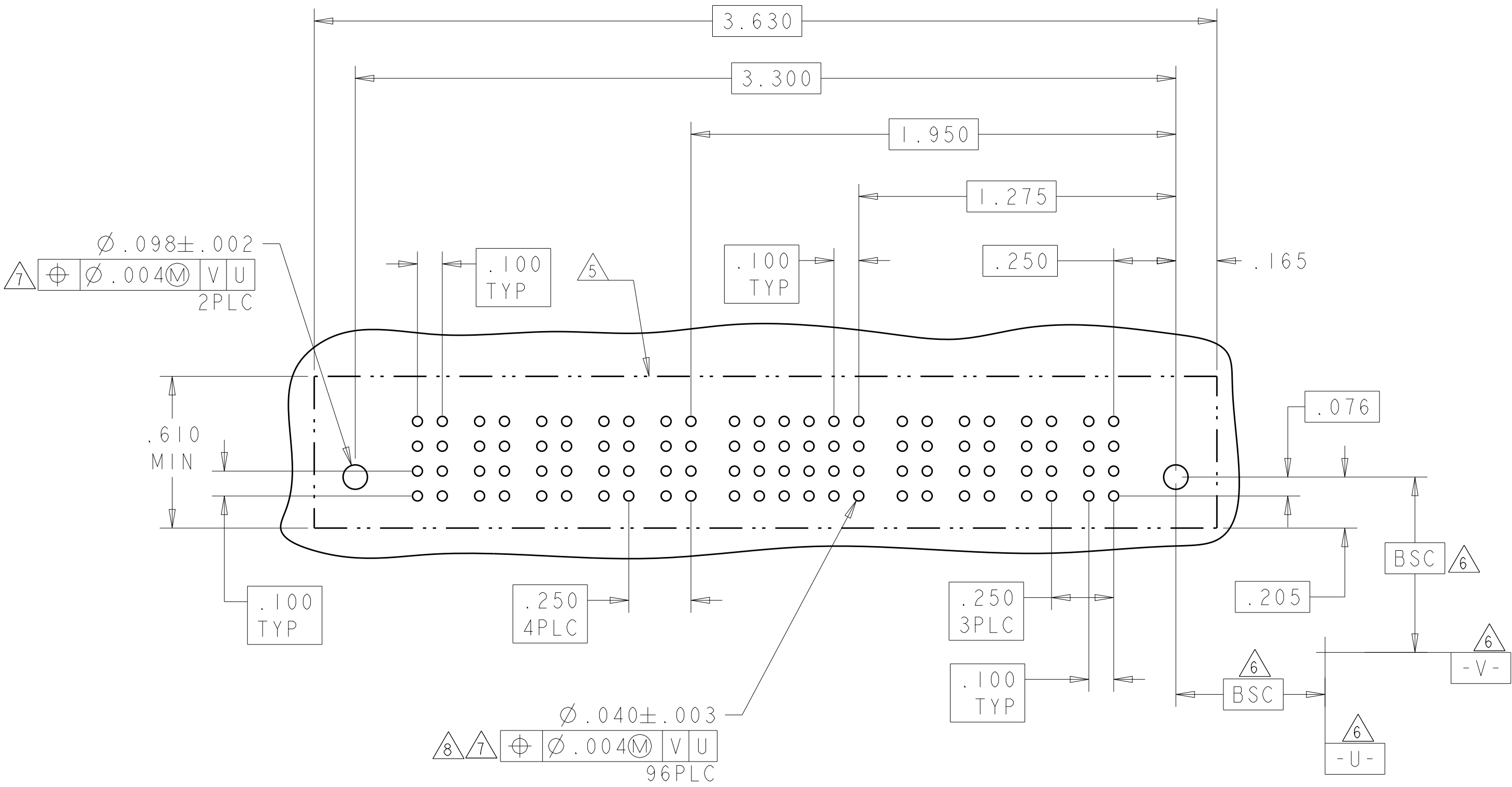
PART NUMBER	ROWS		POWER (L)				SIGNAL						POWER (R)				
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5-6450550-7	D						AP	AP	AP	AP	AP	AP					
	AP						AP	AP	AP	AP	AP						
	AP						AP	AP	AP	AP	AP						
	AP						AP	AP	AP	AP	AP						
4P + 24S + 4P																	

4805 (3/11)

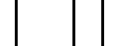
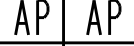
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	OWN
ES	00	-	-	SEE SHEET 1	-	-

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

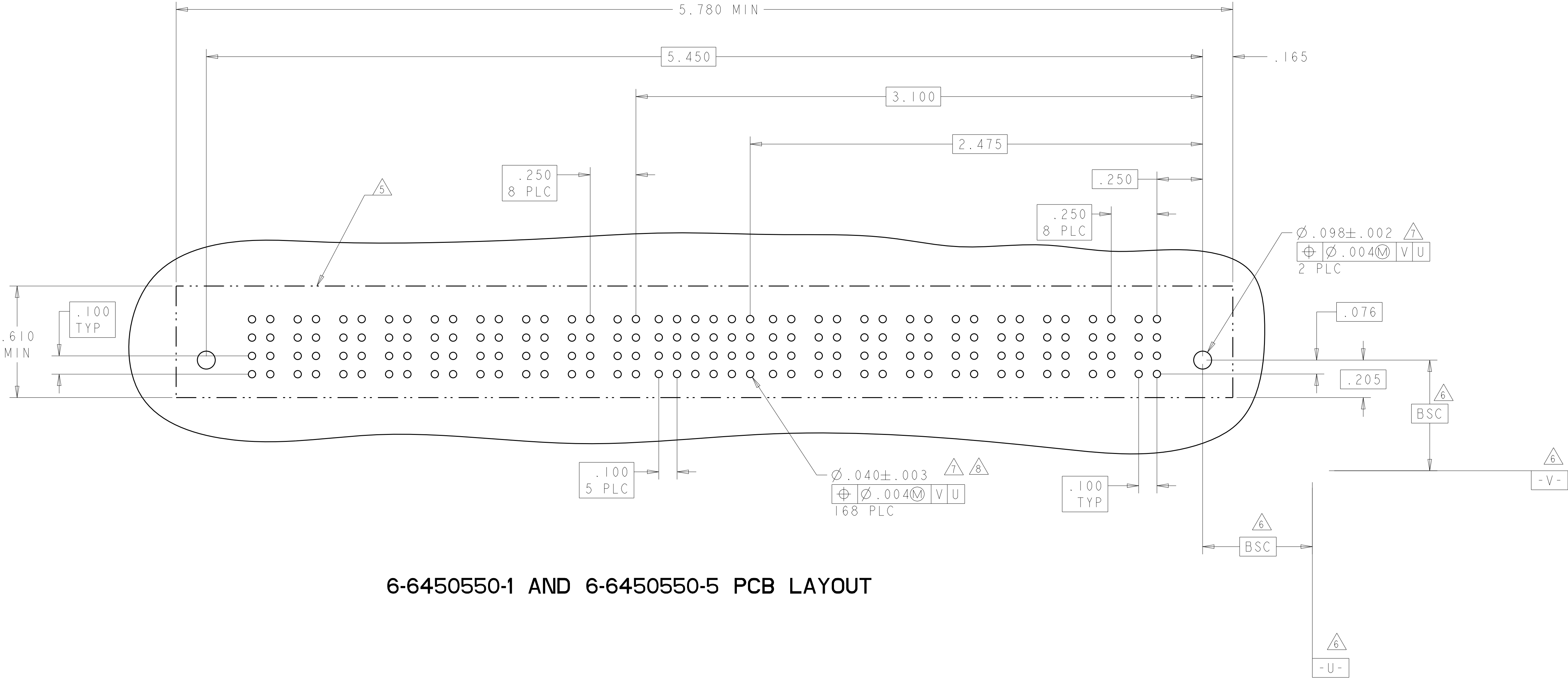
PART NUMBER	ROWS		POWER				SIGNAL				POWER							
			P9	P8	P7	P6	6	5	4	3	2	1	P5	P4		P3	P2	P1
6-6450550-0	D			GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	
	GP			GP	GP	GP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP		
	GP			GP	GP	GP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP		
5P + 24S + 4P																		



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

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				
6-6450550-1	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	AP	AP	AP	AP													AP	AP
9P + 24S + 9P																															

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	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	AP	AP	AP	AP											AP	AP
9P + 24S + 9P																													



6-6450550-1 AND 6-6450550-5 PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

02MAY05
02MAY05

DIMENSIONS:
INCHES

0 PLC ±.01
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±.7°
FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

NAME
VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450550

RESTRICTED TO
-

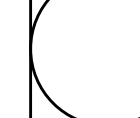
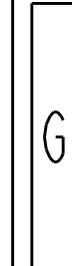
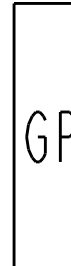
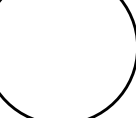
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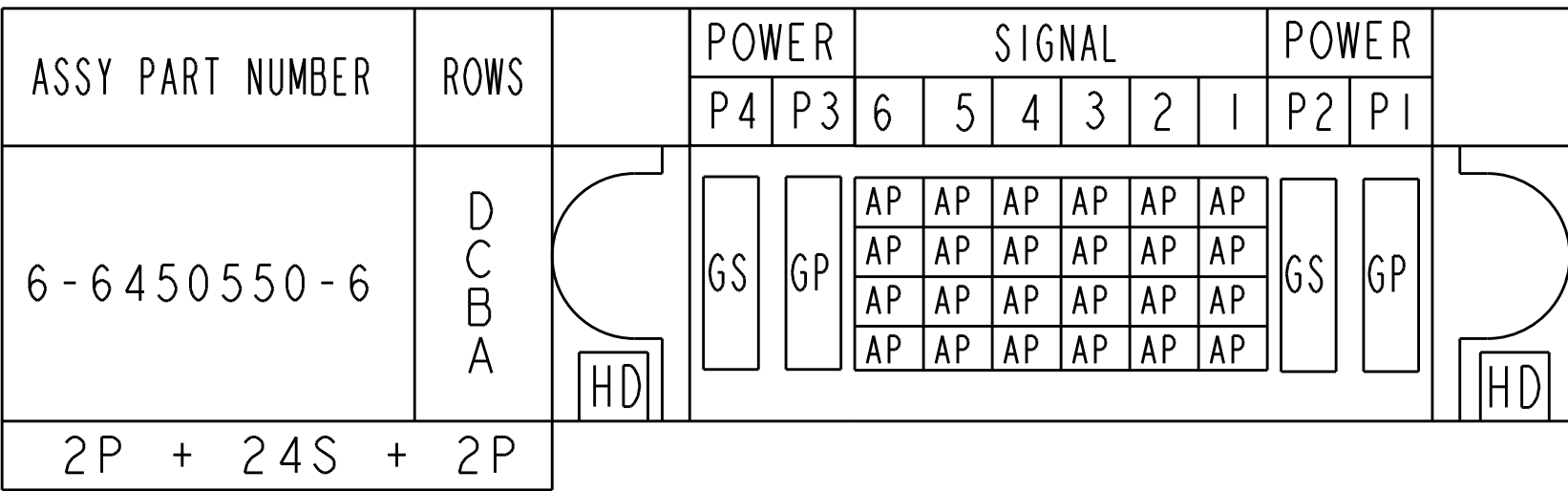
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15

OF
23

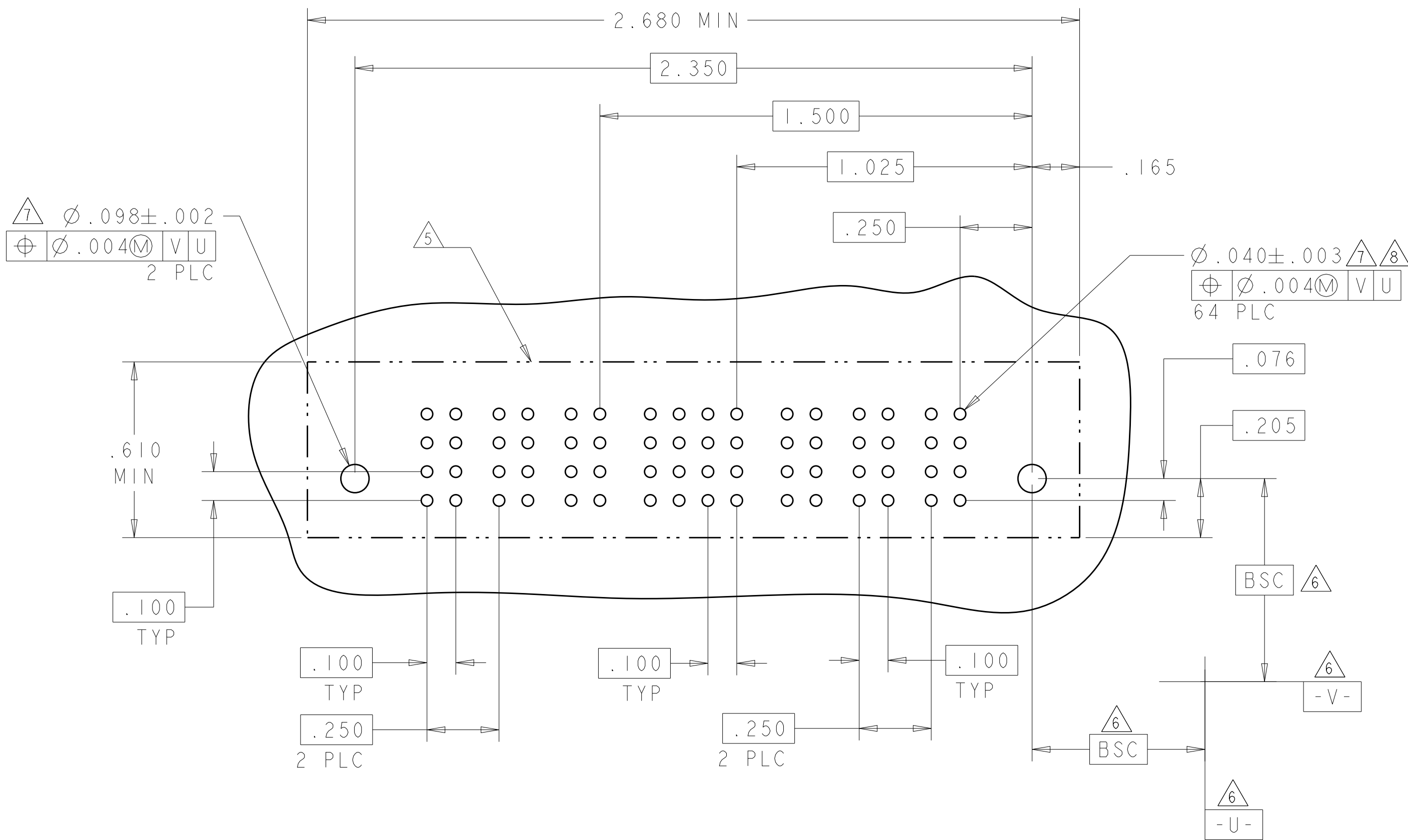
REV
U3

[illegible]4805 (3/11)

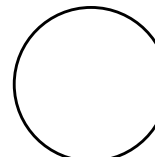
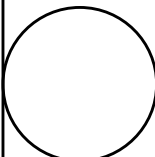
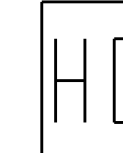
ASSY PART NUMBER	ROWS		POWER				SIGNAL				POWER		
			P6	P5	P4	P3	4	3	2	1	P2	P1	
6-6450550-4	D C B A	 					               			 			
2P + 16S + 4P													

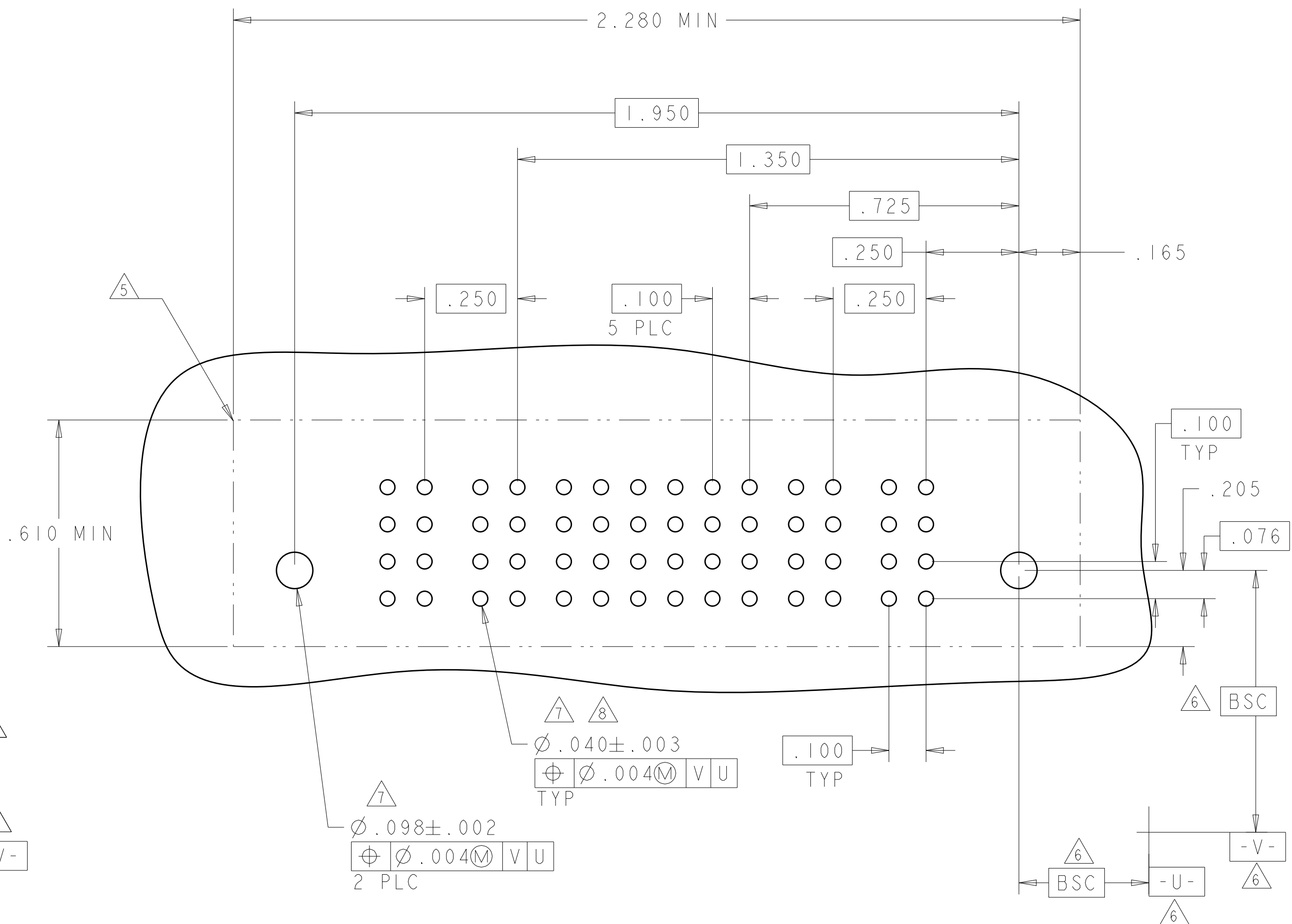


PART NUMBER	ROWS		POWER			SIGNAL				POWER			
			P6	P5	P4	4	3	2	1	P3	P2	P1	
6-6450550-9	D		GP	GP	GP	AP	AP	AP	AP	GS	GS	GS	
	C					AP	AP	AP	AP				
	B					AP	AP	AP	AP				
	A					HD	AP	AP	AP				
3P + 16S + 3P													

4805 (3/11)

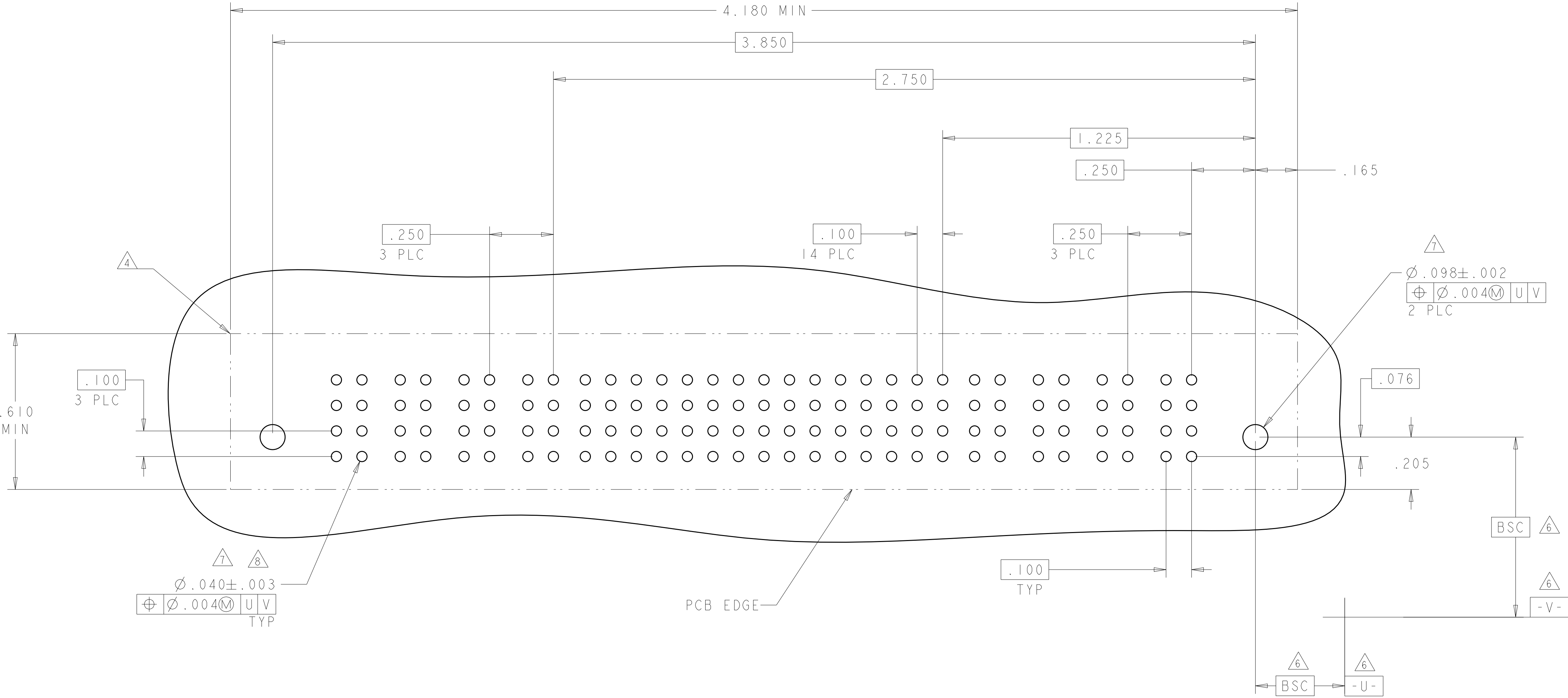
[illegible]4805 (3/11)

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													

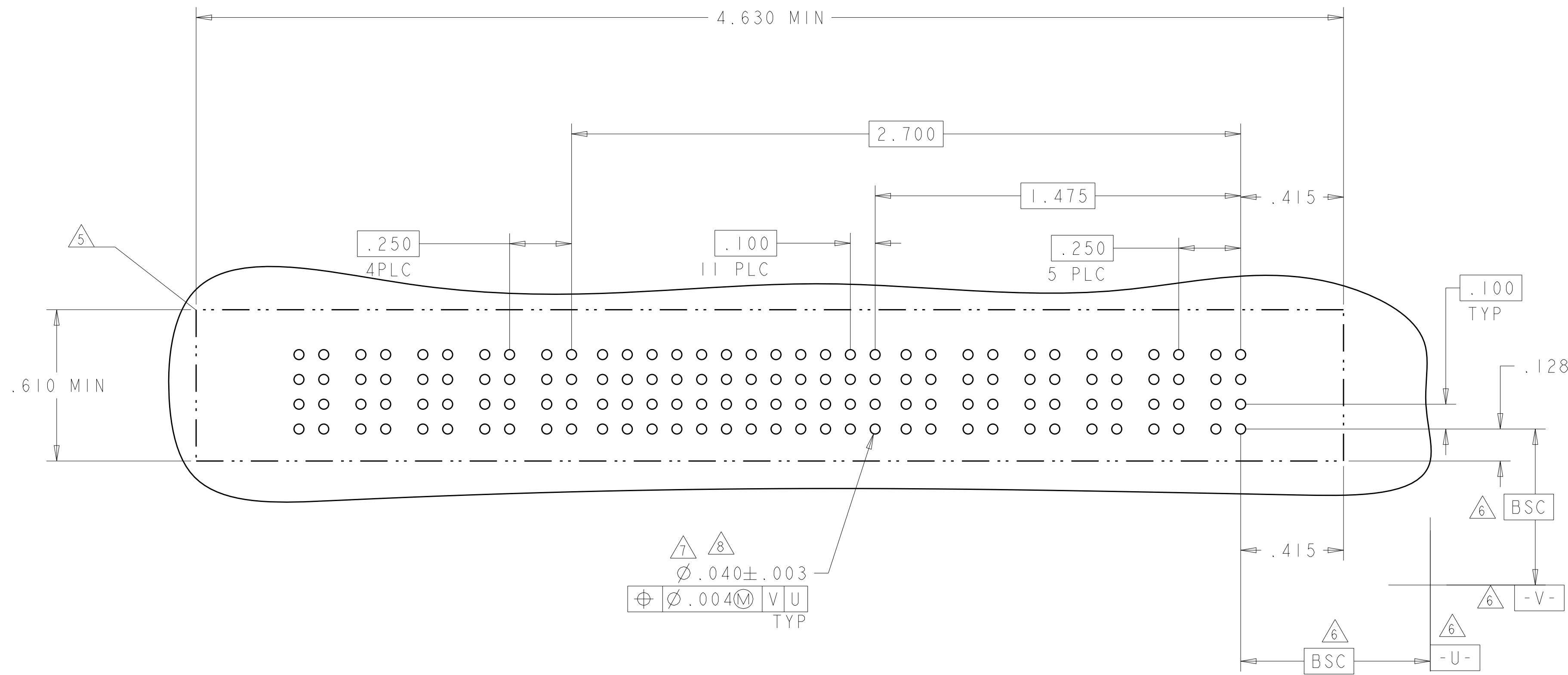


LOC		DIST		REVISIONS				
ES	00	P	LTR	DESCRIPTION		DATE	DWN	APVD
		-	-	SEE SHEET 1		-	-	-

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					
7-6450550-2	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	AP	AP	AP	AP	AP	AP	AP	AP						AP	AP	AP
							AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	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 + 60S + 4P																														



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	GP	GP	GP	GP	GP	GP
							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 00779 © 6450550 -	
		WEIGHT -		CUSTOMER DRAWING SCALE 4:1 SHEET 23 OF 23 REV U3	