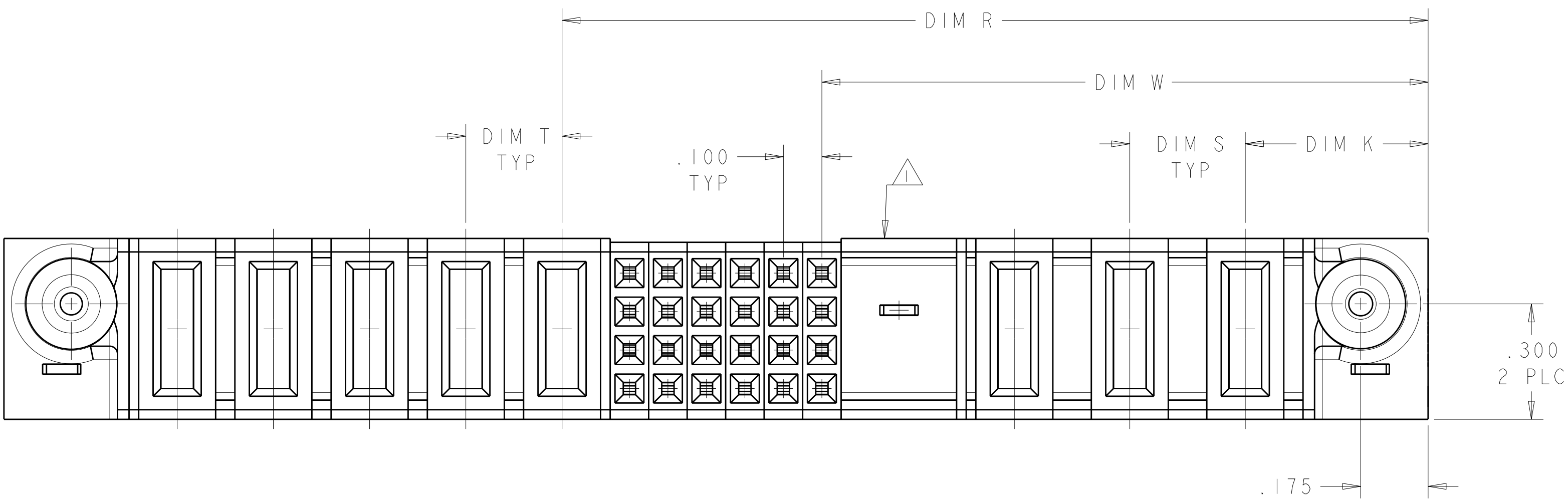
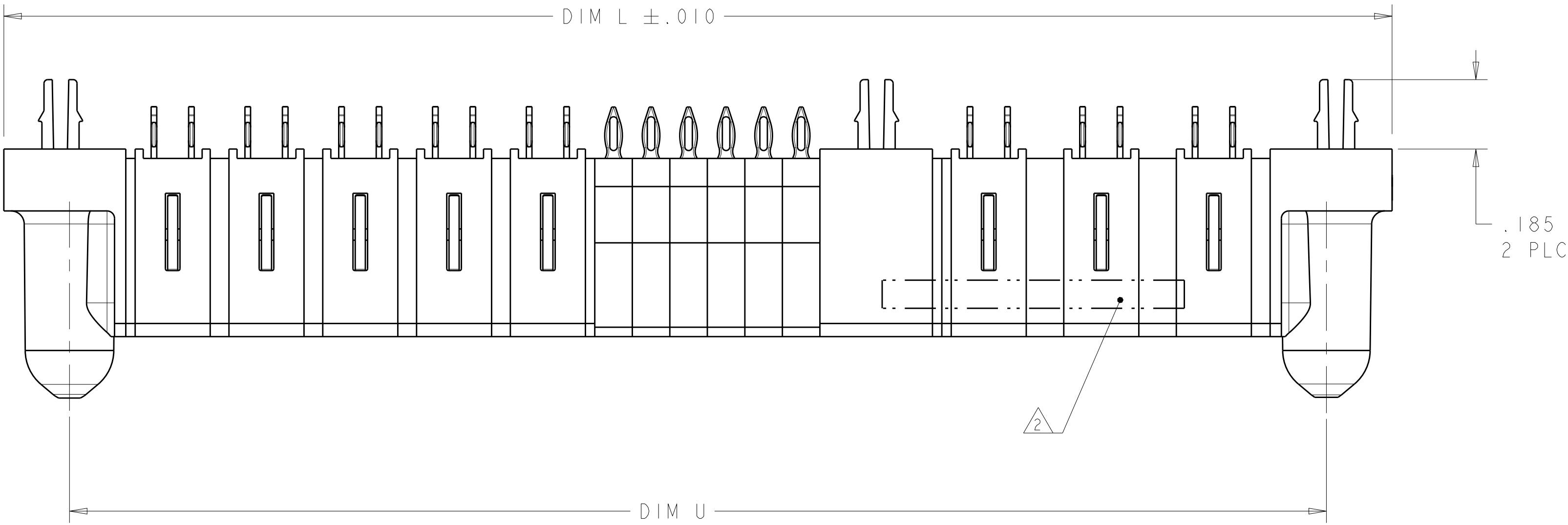
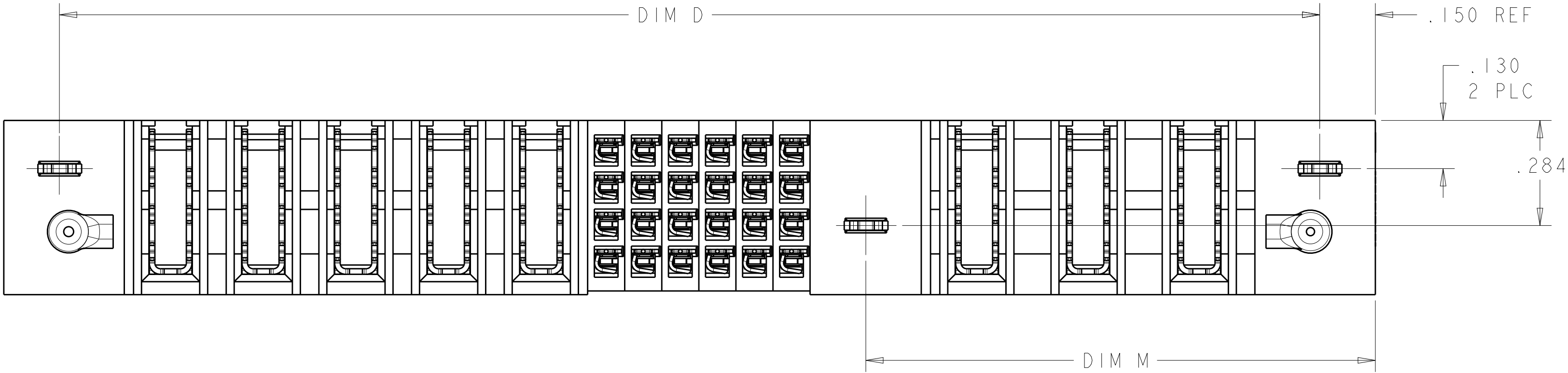
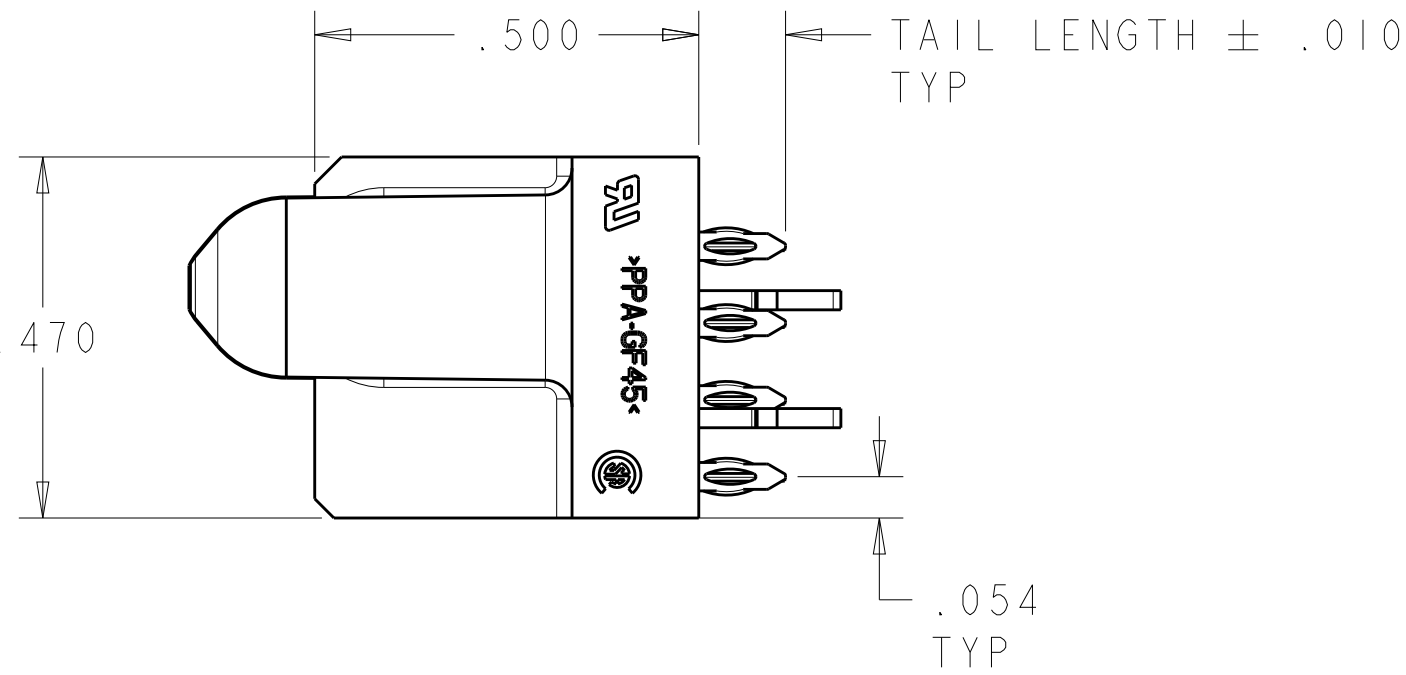


LOC		DIST		REVISIONS				
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		U3		REV PER ECR-13-015977	14OCT2013	CZ	SZ	



- 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	
		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.
TOLERANCES UNLESS OTHERWISE SPECIFIED:

DIMENSIONS:
INCHES

MATERIAL

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

02MAY05
R.GRZYBOWSKI
CHK
M.PERCHEKKE
APVD
M.PERCHEKKE
PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038
WEIGHT
-

CUSTOMER DRAWING

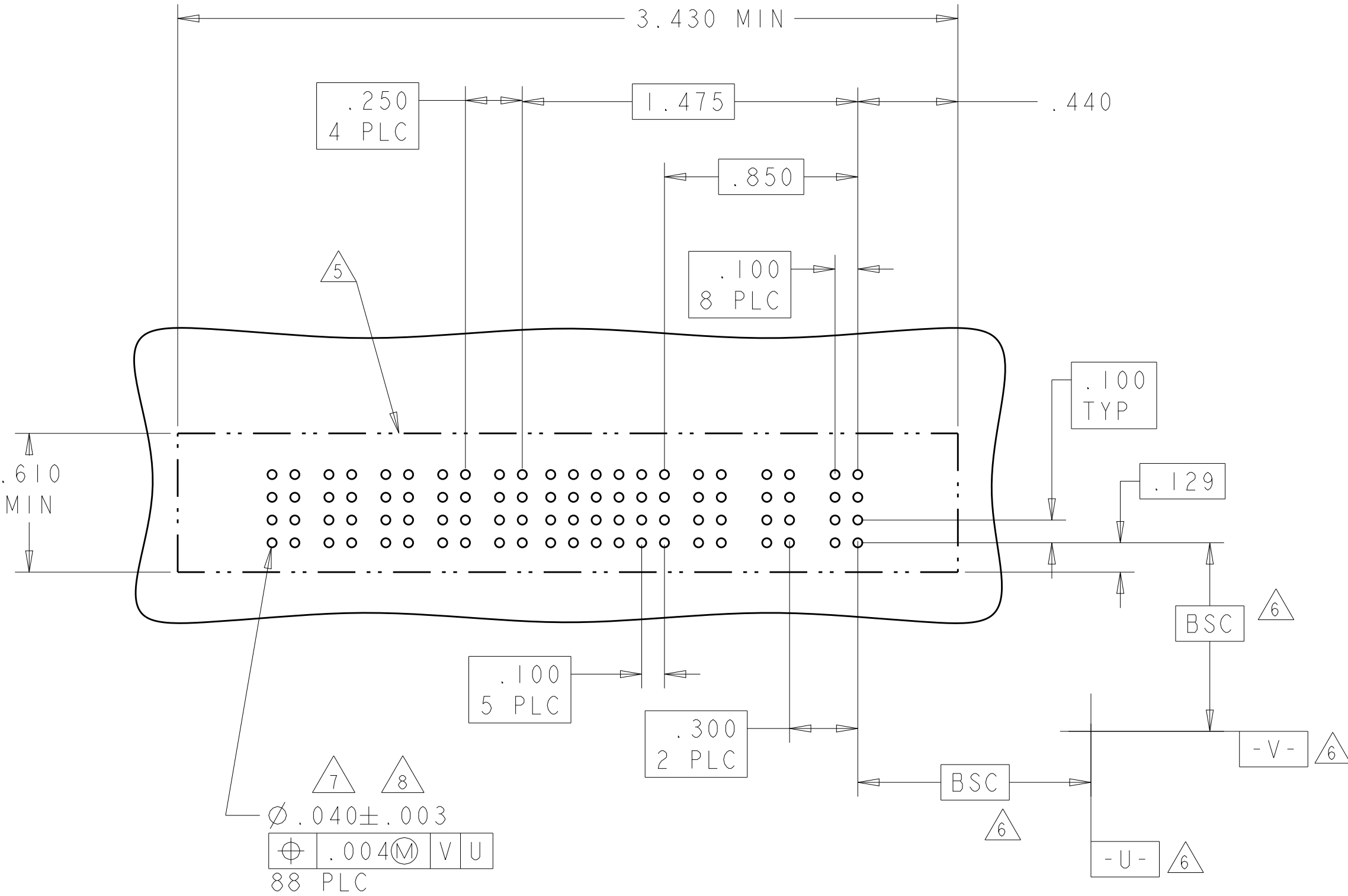
DWN
R.GRZYBOWSKI
02MAY05
NAME
VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL
-
SIZE
A1
CAGE CODE
00779
DRAWING NO
6450550
RESTRICTED TO
-

TE Connectivity

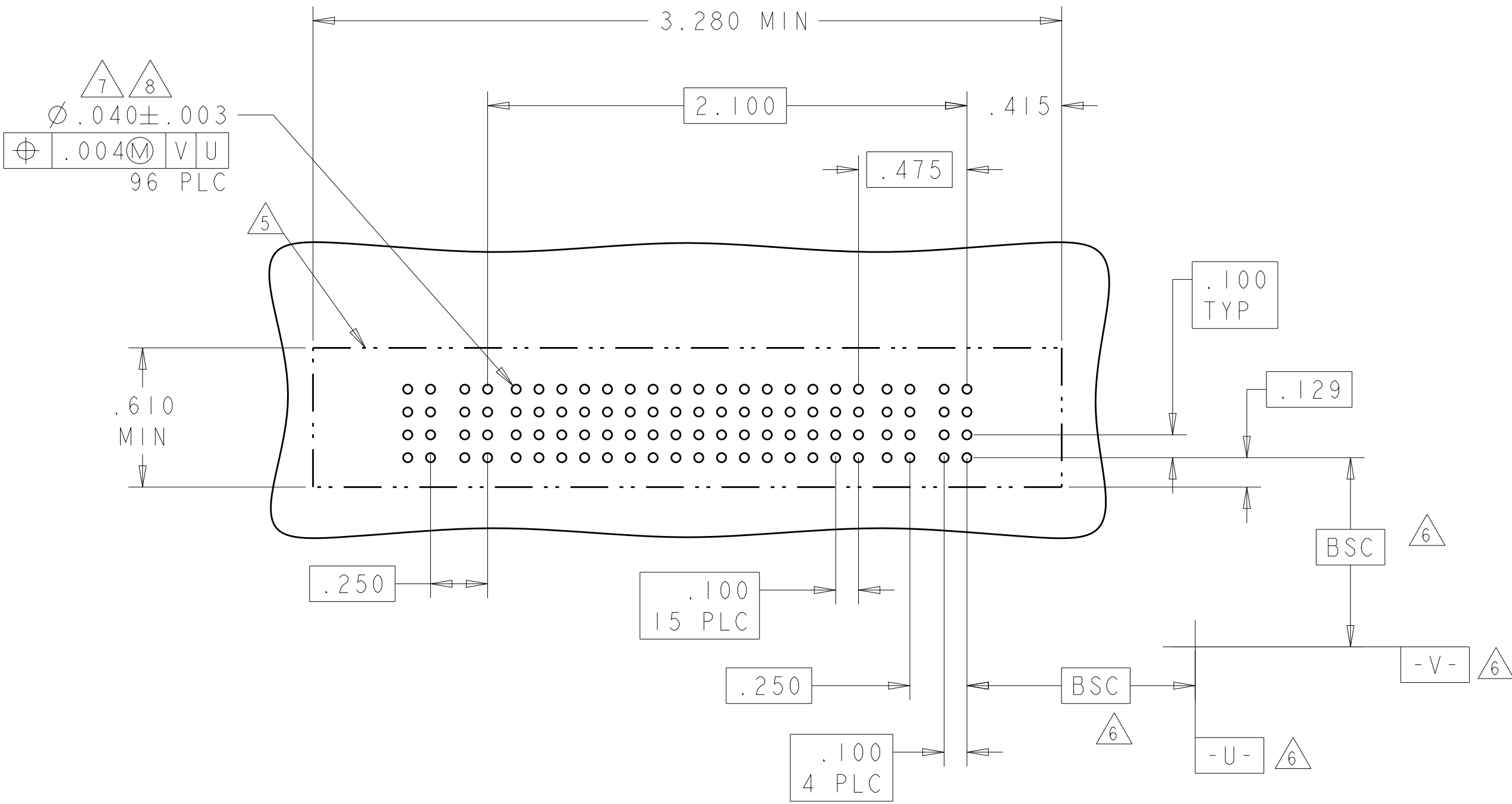
SCALE
4:1
SHEET
2
OF
23
REV
U3

4805 (3/11)

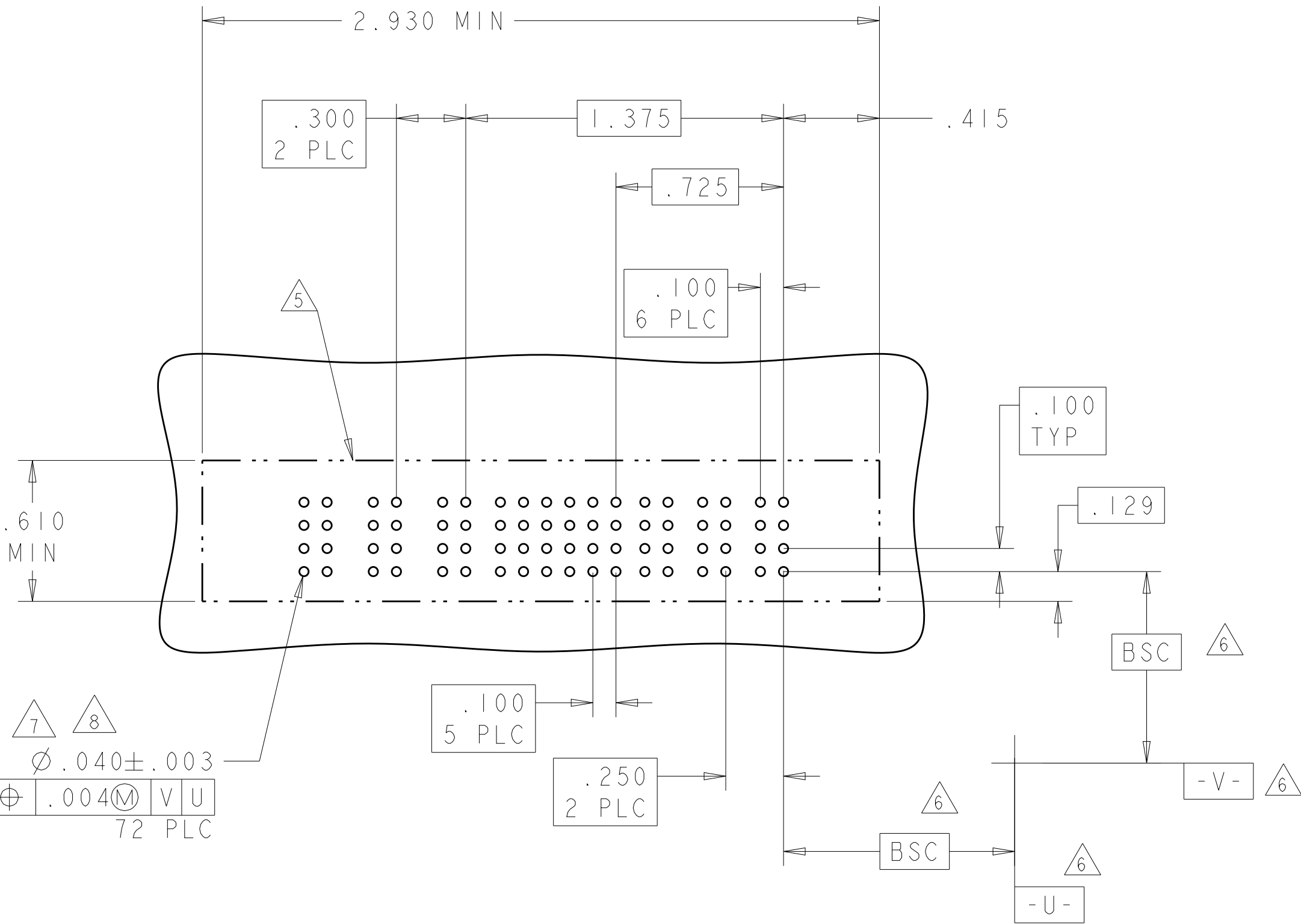
PART NUMBER	ROWS		POWER (L)					SIGNAL							POWER (R)			
			P8	P7	P6	P5	P4	6	5	4	3	2	1	P3	P2	P1		
6450550-1	D C B A																	
3ACP + 24S + 5P																		



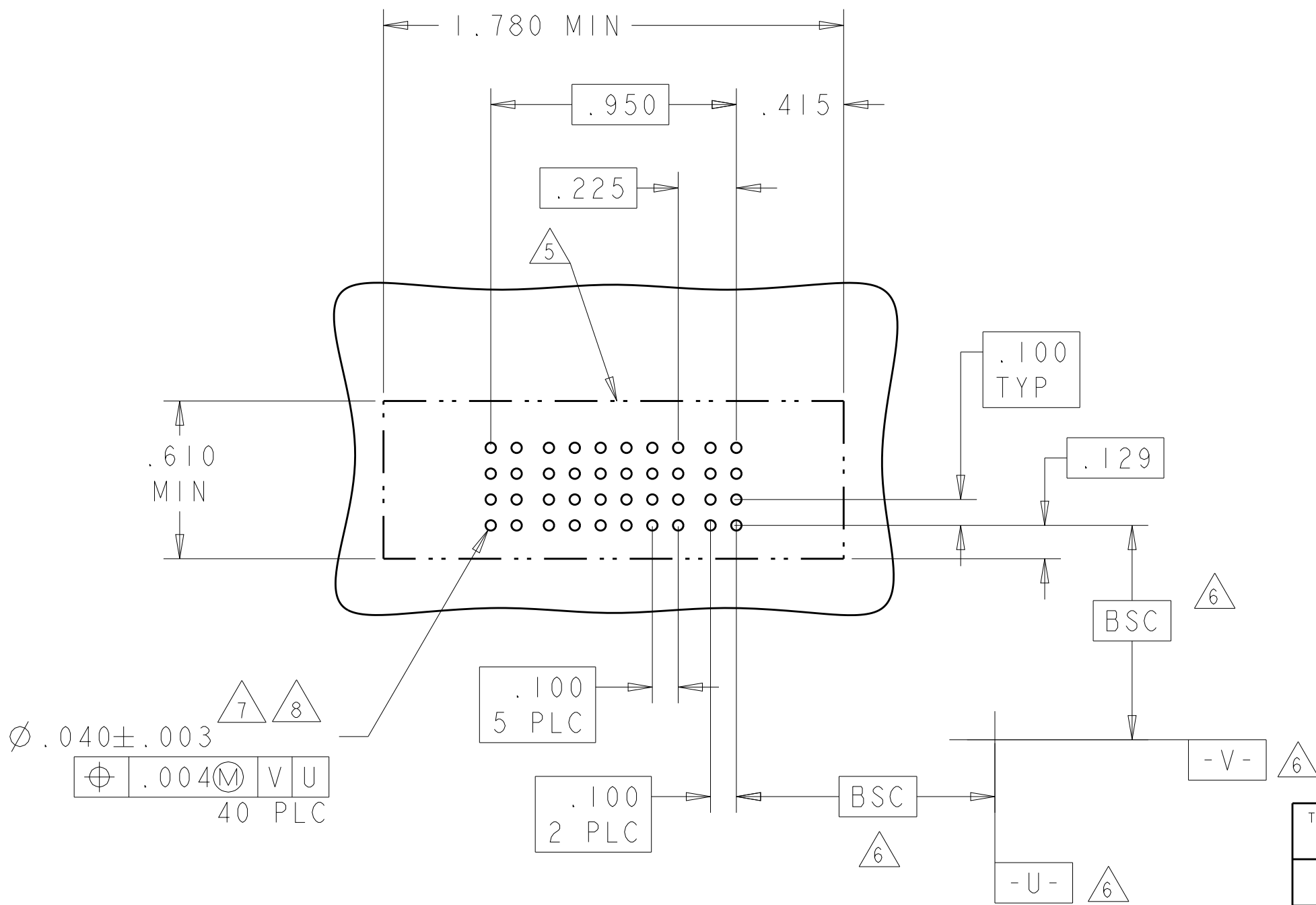
PART NUMBER	ROWS		POWER (L)		SIGNAL																POWER (R)			
			P4	P3	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1		
6450550-3	D C B A		GP	GS	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GP	
					AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	
					AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	
					AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP		
2P + 64S + 2P																								



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



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

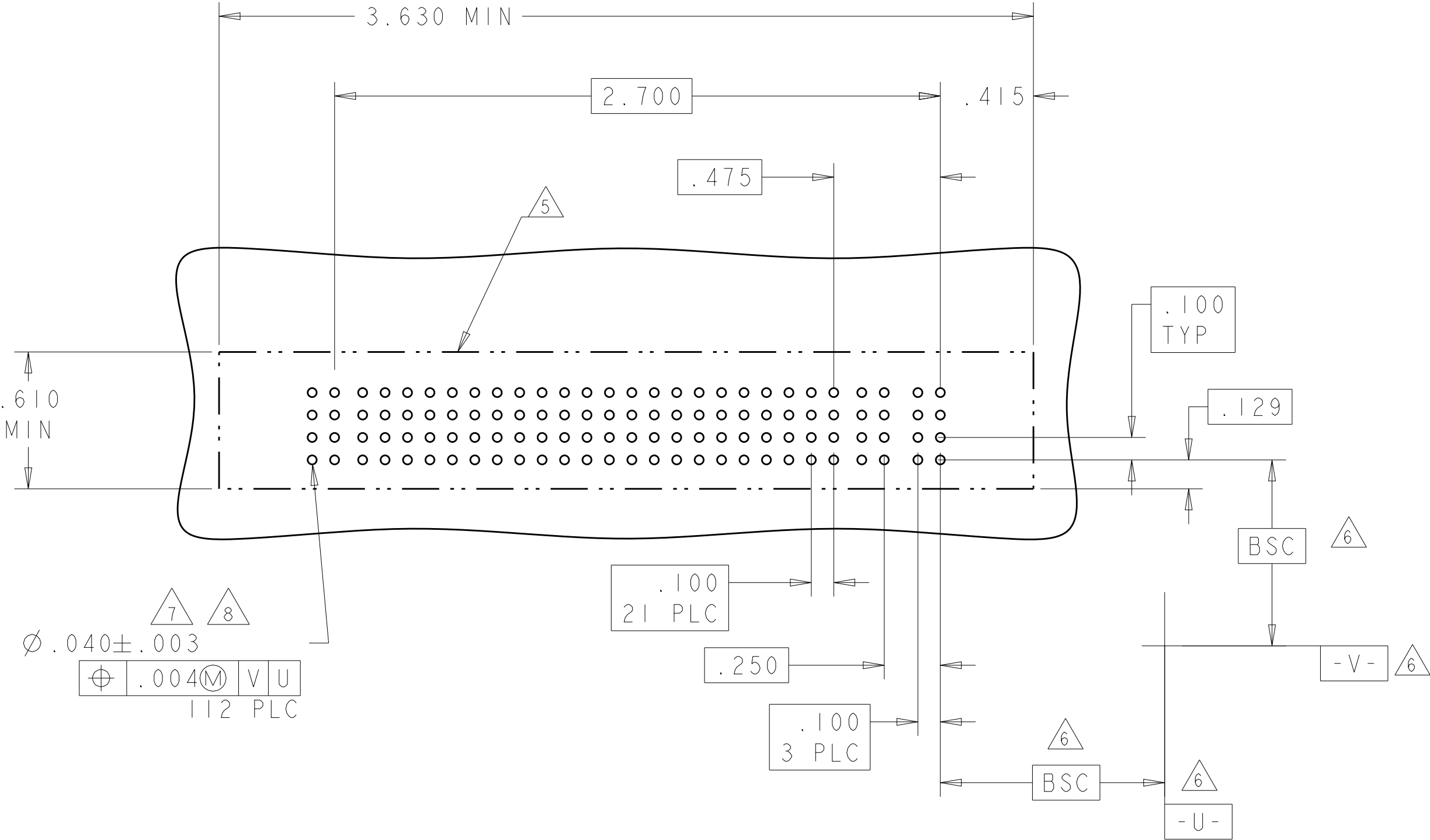


VP	POWER CONTACT MFBL	.115
VS	POWER CONTACT STD	.115
P	SINGAL CONTACT	.115
AT	SIGNAL CONTACT	.135
PT	POWER CONTACT MFBL	.135
ST	POWER CONTACT STD	.135
BP	SIGNAL CONTACT	.165
HS	POWER CONTACT, STD	.165
HP	POWER CONTACT, MFBL	.165
AP	SIGNAL CONTACT	.135
GS	POWER CONTACT, STD	.135
GP	POWER CONTACT, MFBL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

CONTACT TALE

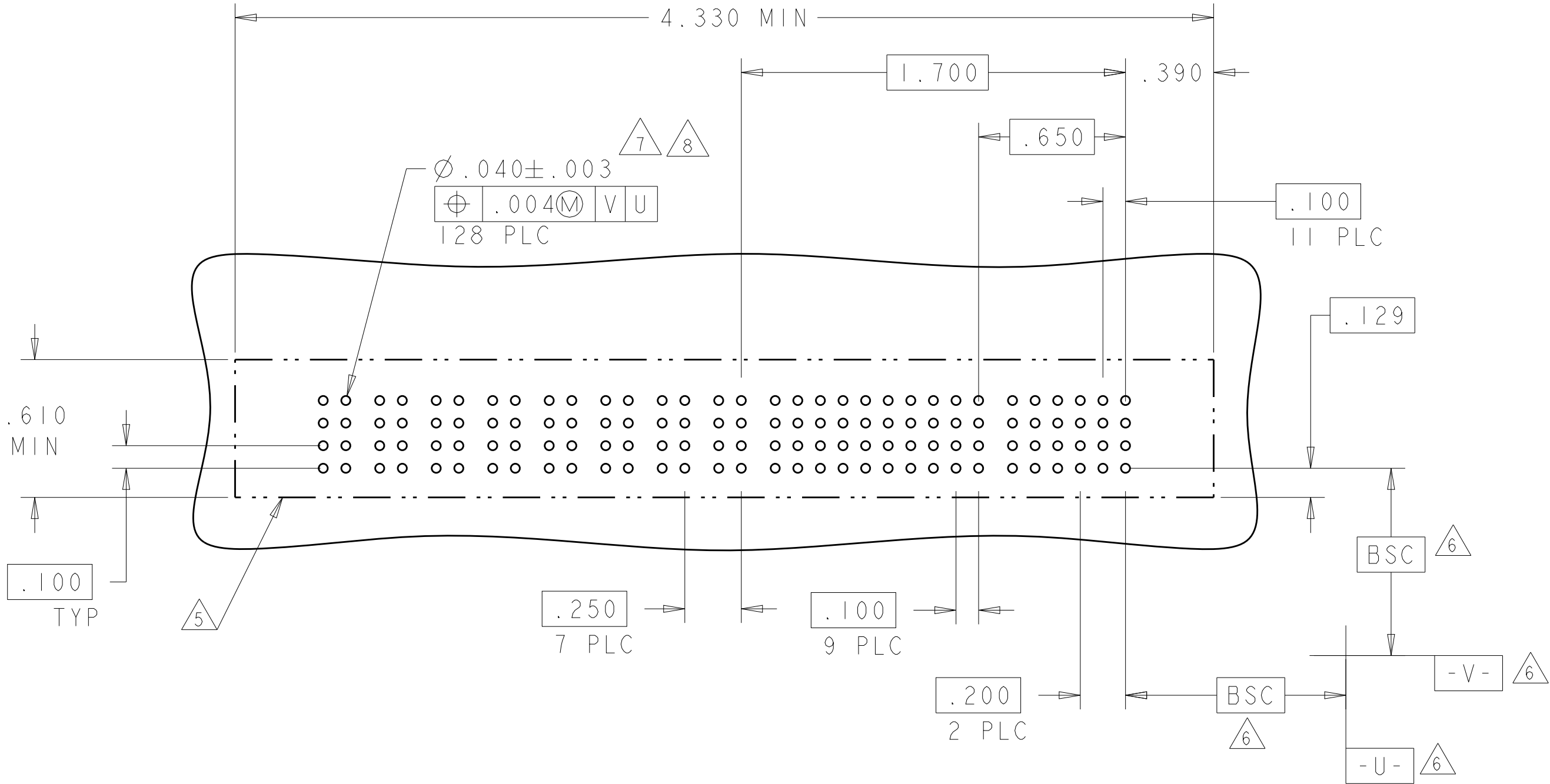
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	02MAY05		
		CHK M. PERCHERKE	02MAY05		
		APVD M. PERCHERKE	-		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
INCHES		0 PLC ±.01		PRODUCT SPEC	
		1 PLC ±.01		108-1973	
		2 PLC ±.01		APPLICATION SPEC	
		3 PLC ±.005		114-13038	
		4 PLC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

PART NUMBER	ROWS		SIGNAL																								POWER (R)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			P3	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
6450550-5	D C B A		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	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP

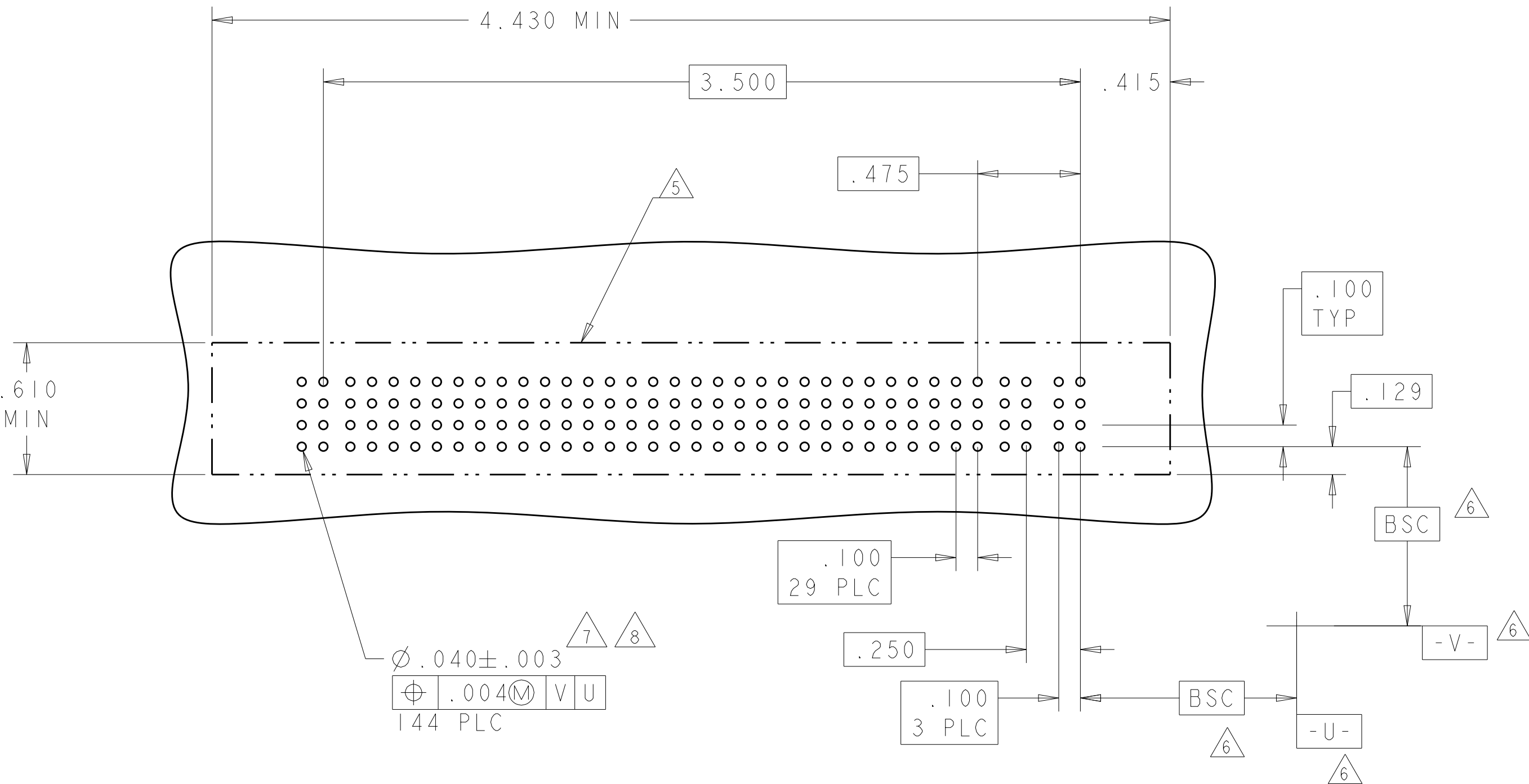


LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

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
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	AP			
3P + 40S + 8P																							



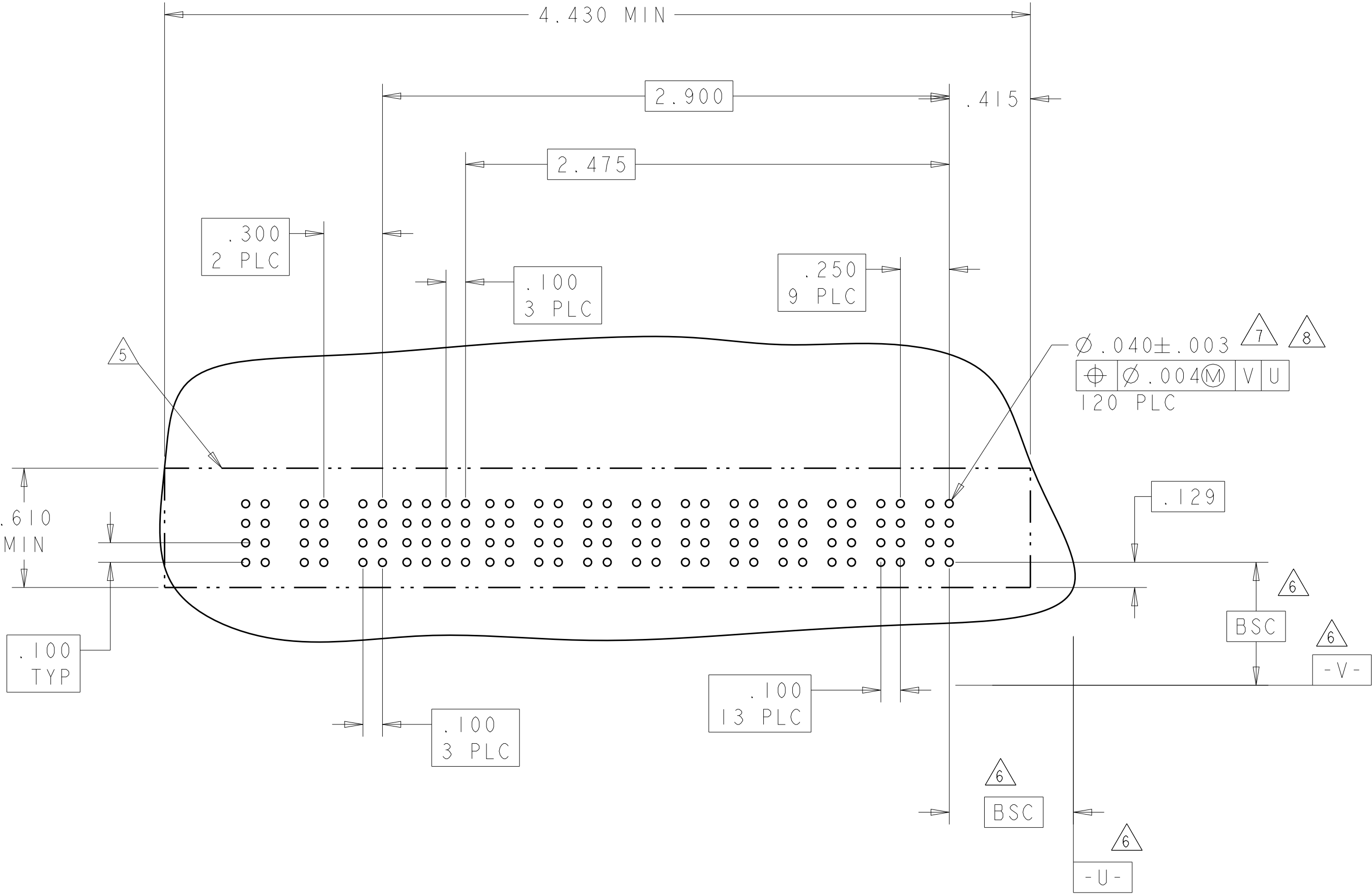
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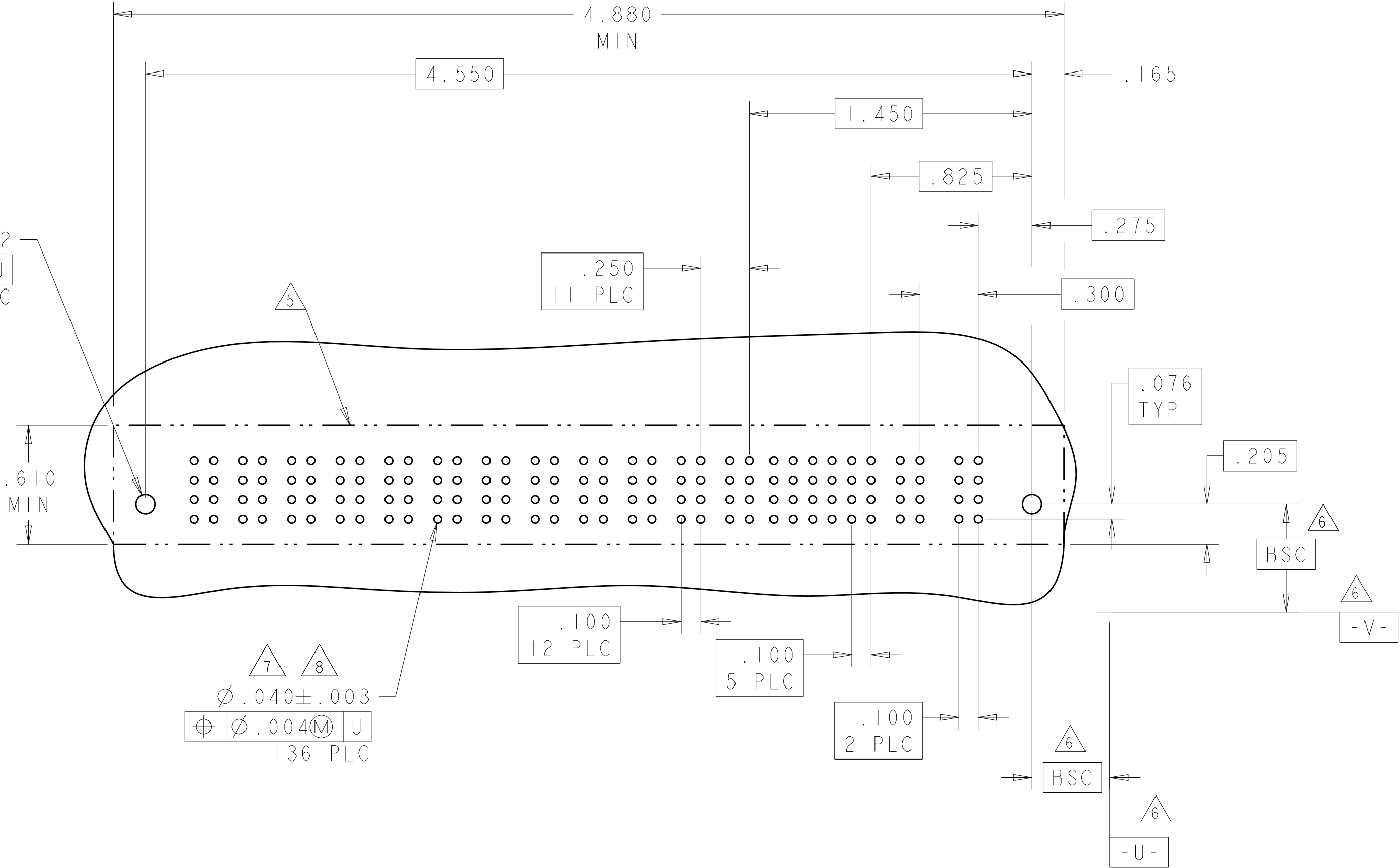
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		APPLICATION SPEC		
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LOC		DIST		REVISONS				
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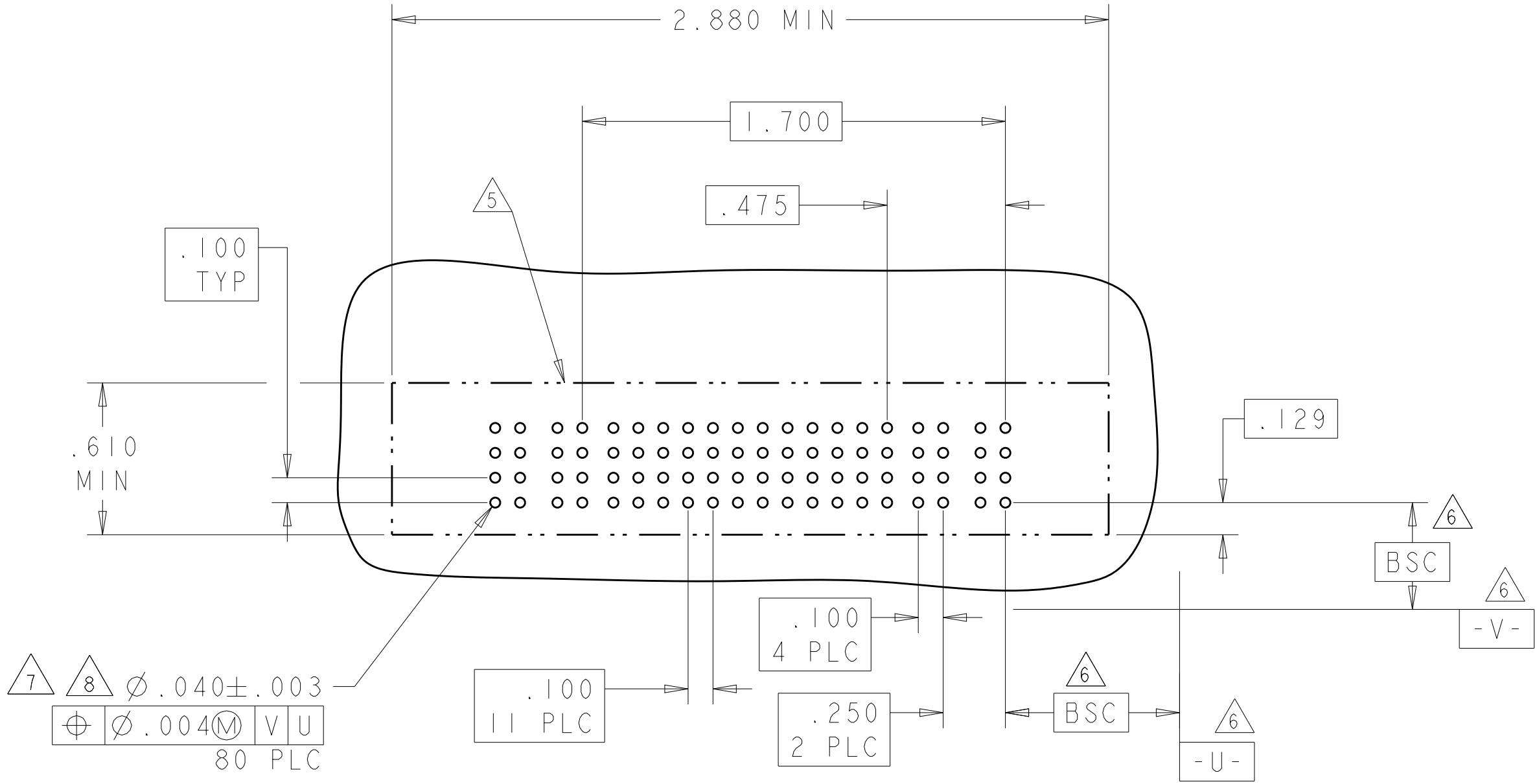
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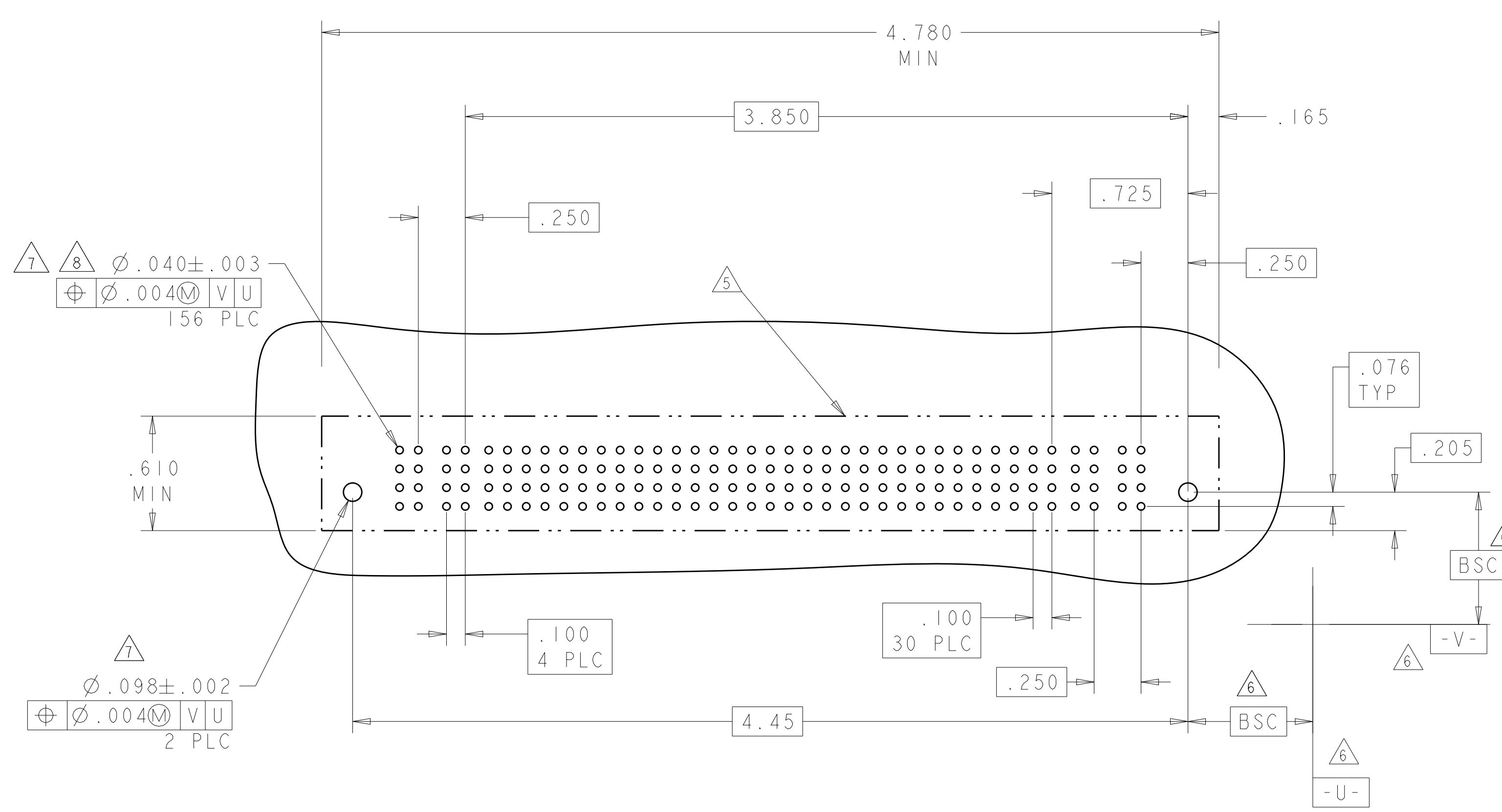
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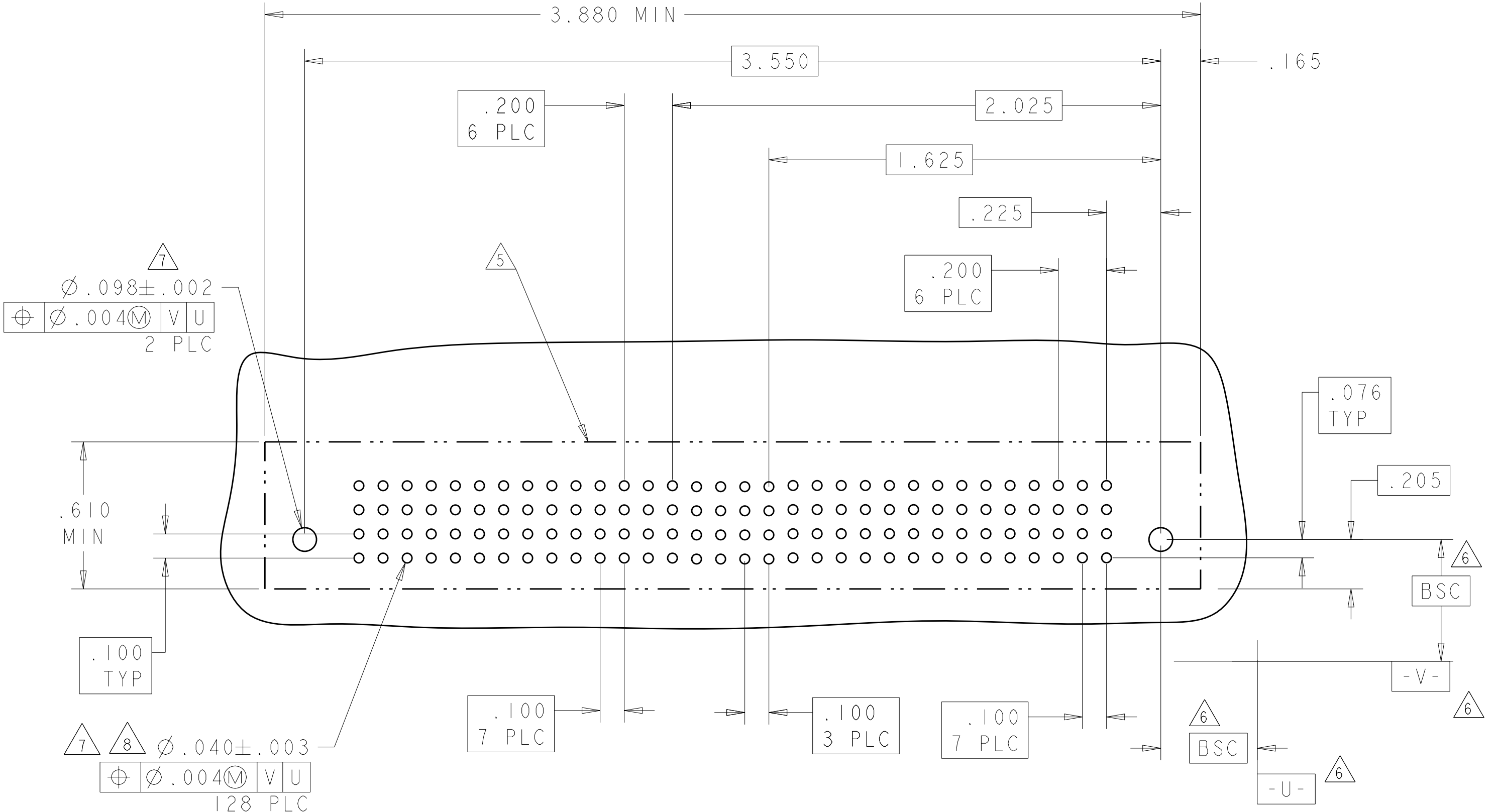
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LOC		DIST		REVISIONS			
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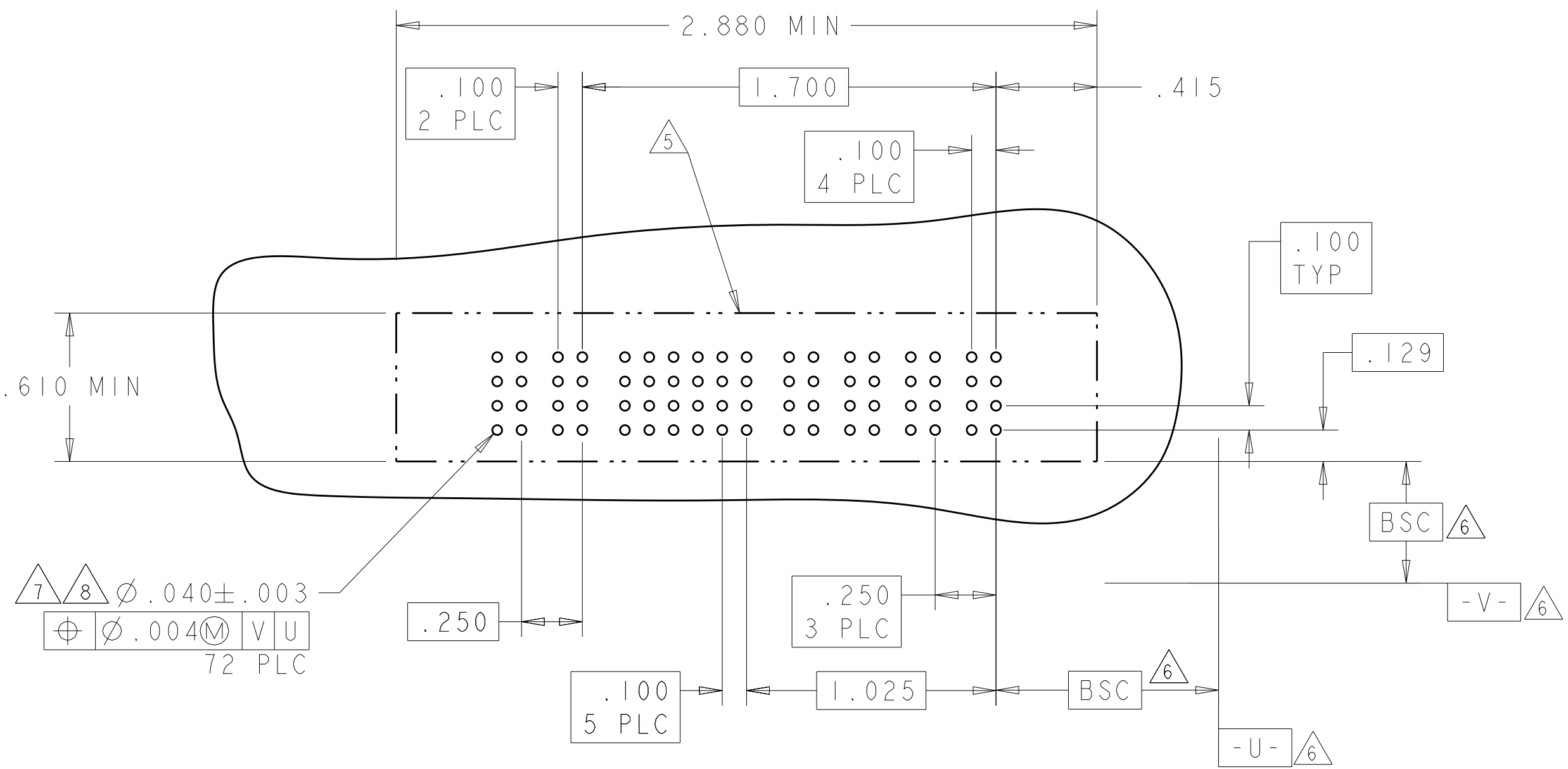
PART NUMBER	ROWS		POWER		SIGNAL																									POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			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	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																							



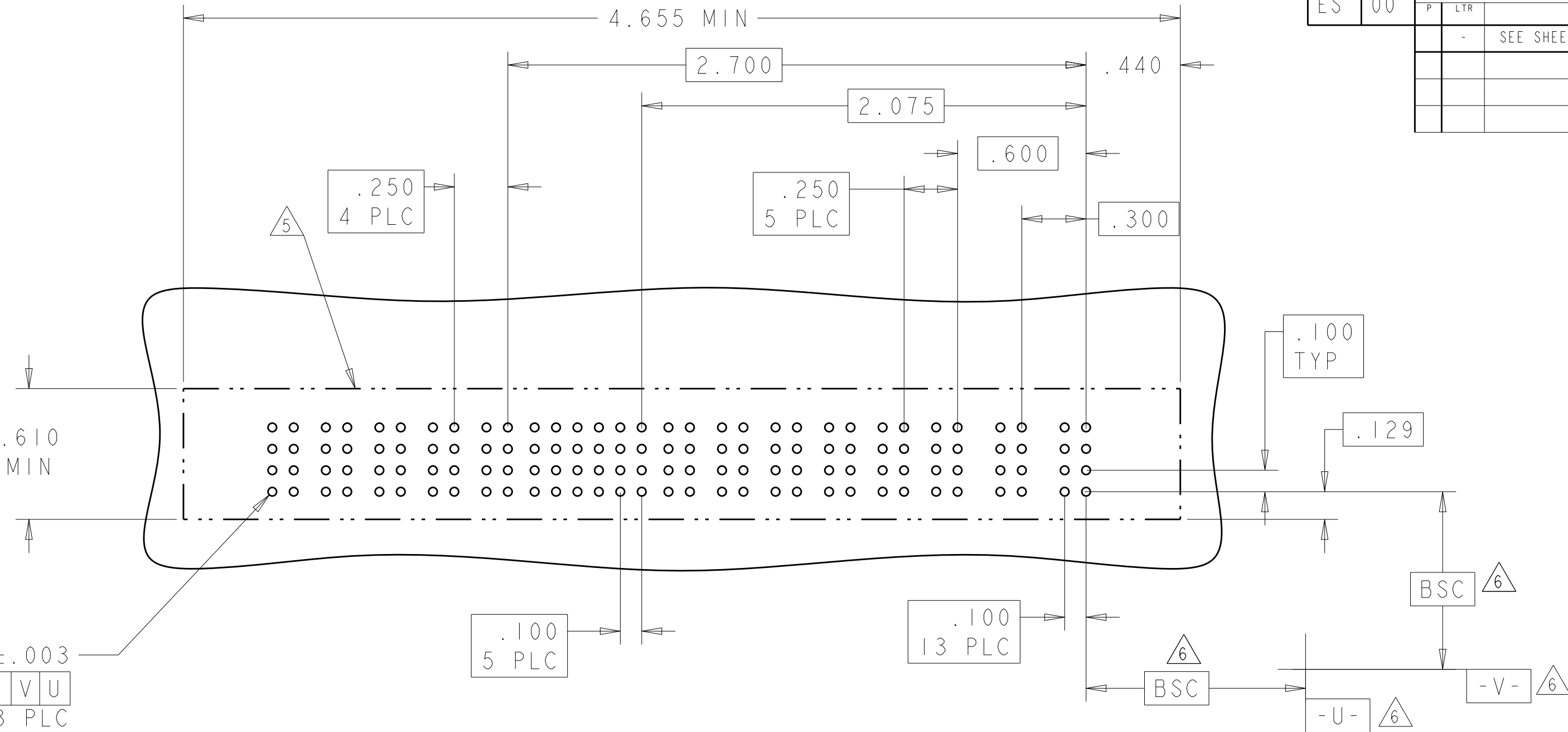
PART NUMBER	ROWS		POWER		SIGNAL						POWER				
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1-6450550-6	D C B A		GP	GS	AP	AP	AP	AP	AP	AP	GS	GP	GS	GP	
					AP	AP	AP	AP	AP	AP					
					AP	AP	AP	AP	AP	AP					
					AP	AP	AP	AP	AP	AP					
4P + 24S + 2P															

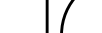


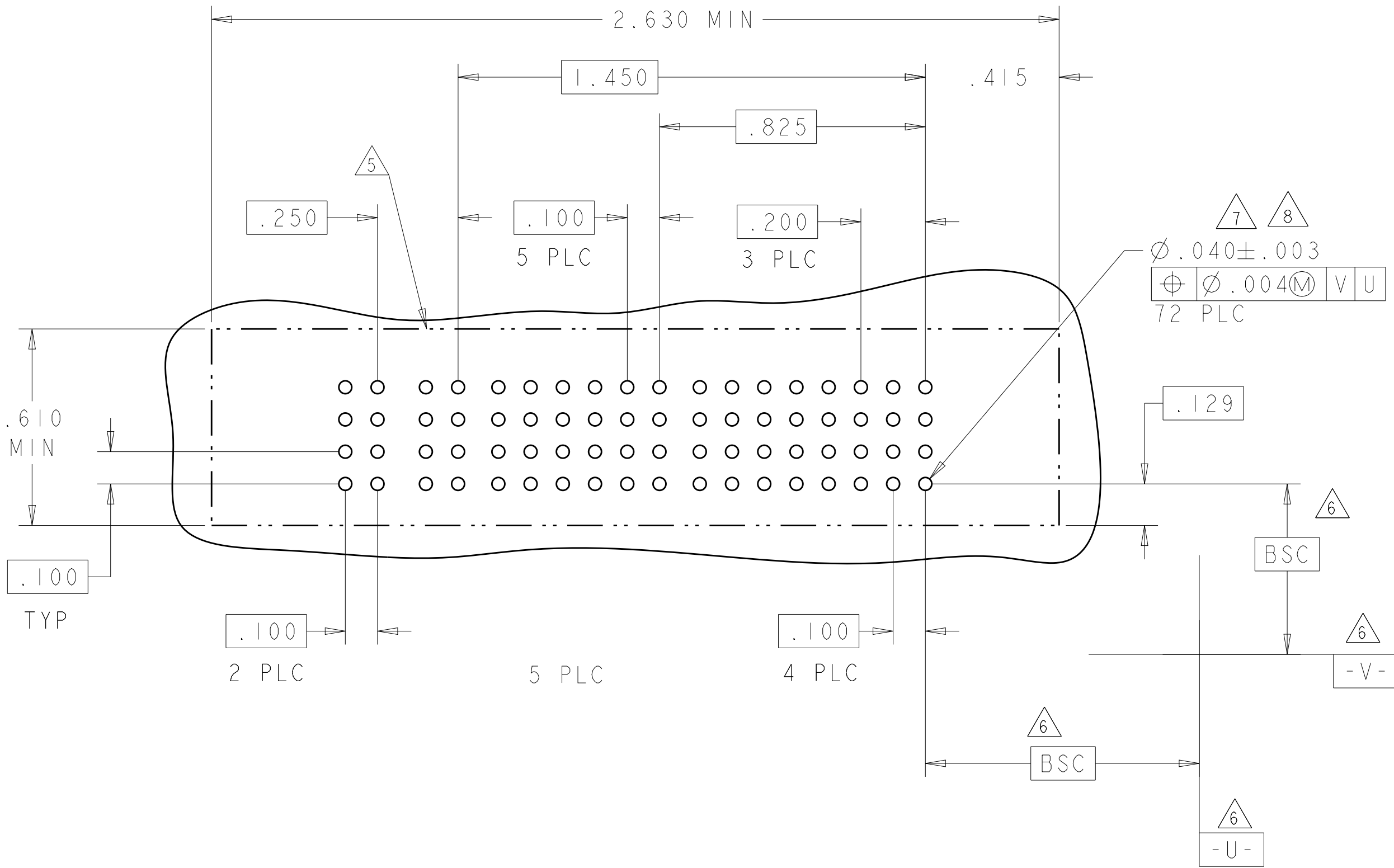
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R. GRZYBOWSKI	02MAY05	 TE Connectivity		
DIMENSIONS: INCHES		CHK M. PERCHERKE	02MAY05			
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. PERCHERKE	-	NAME		
		PRODUCT SPEC		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL		
		108-1973				
		APPLICATION SPEC				
MATERIAL	FINISH	114-13038		SIZE		
		WEIGHT		CAGE CODE		
CUSTOMER DRAWING		A100779		DRAWING NO		
		SCALE		SHEET		
		4:1		6 OF 23		
				REV		
				U3		

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

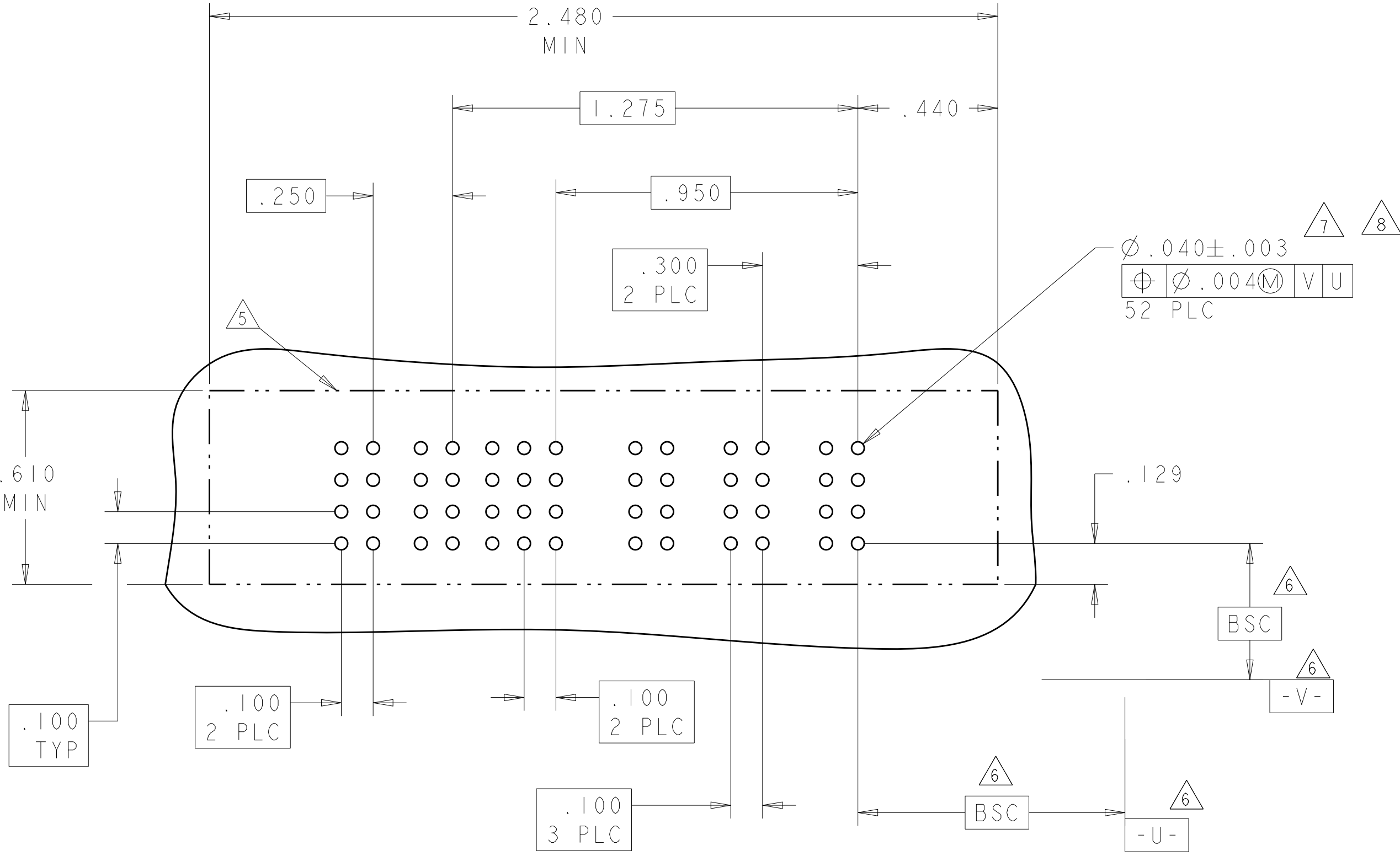
PART NUMBER	ROWS		POWER					SIGNAL					POWER										
			PI3	PI2	PI1	PI0	P9	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2		PI	
1-6450550-8	D C B A							AP	AP	AP	AP	AP	AP										
								AP	AP	AP	AP	AP	AP										
								AP	AP	AP	AP	AP	AP										
								AP	AP	AP	AP	AP	AP										
2ACP + 6P + 24S + 5P																							



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															



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					
					AP	AP	AP					
					AP	AP	AP					
					AP	AP	AP					
3ACP + 16S + 2P												



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI 02MAY05
CHK: M. PERCHERKE 02MAY05
APVD: M. PERCHERKE

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

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±"
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.002
ANGLES ±2°
FINISH

MATERIAL

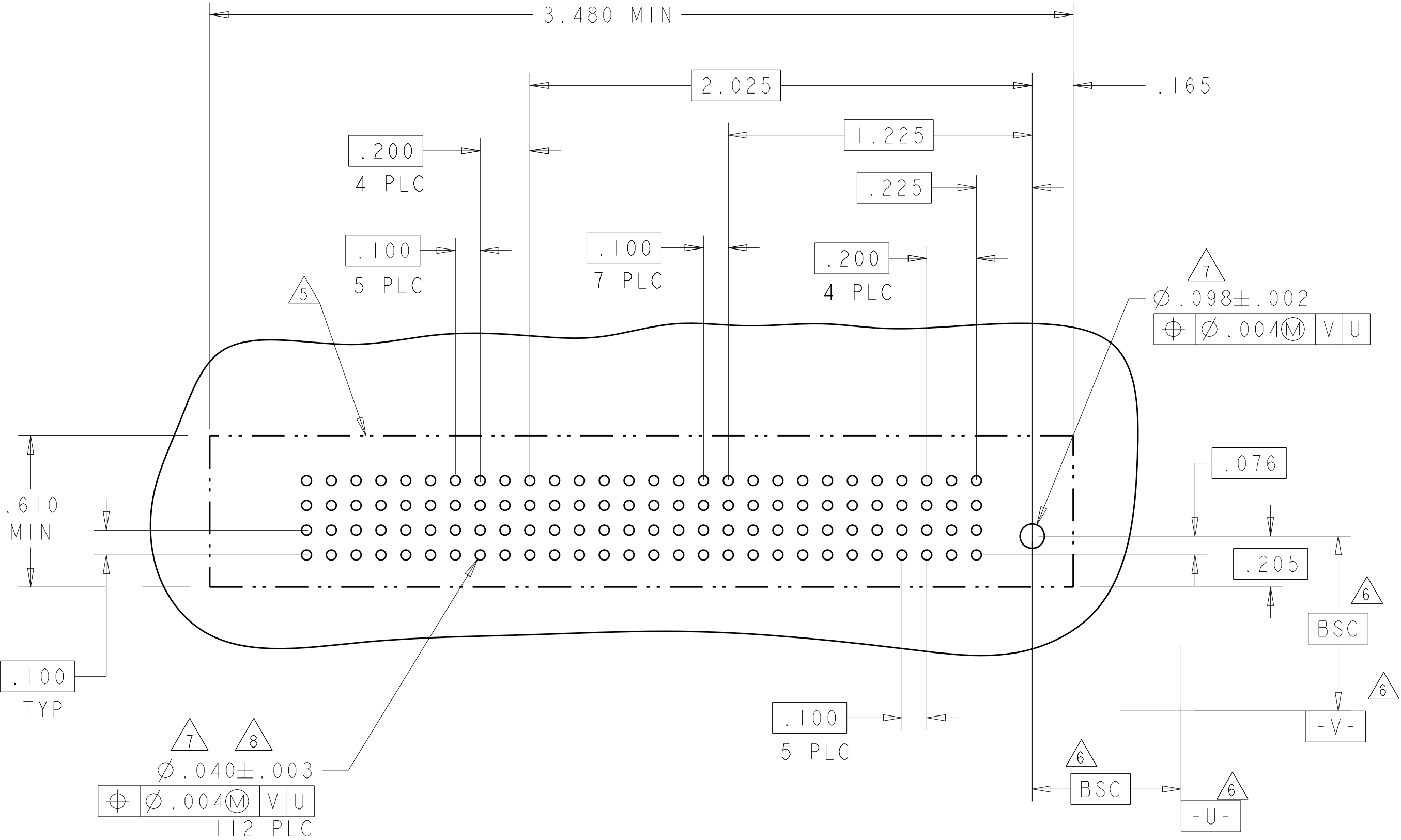
NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL

SIZE: A1
CAGE CODE: 100779
DRAWING NO: 6450550

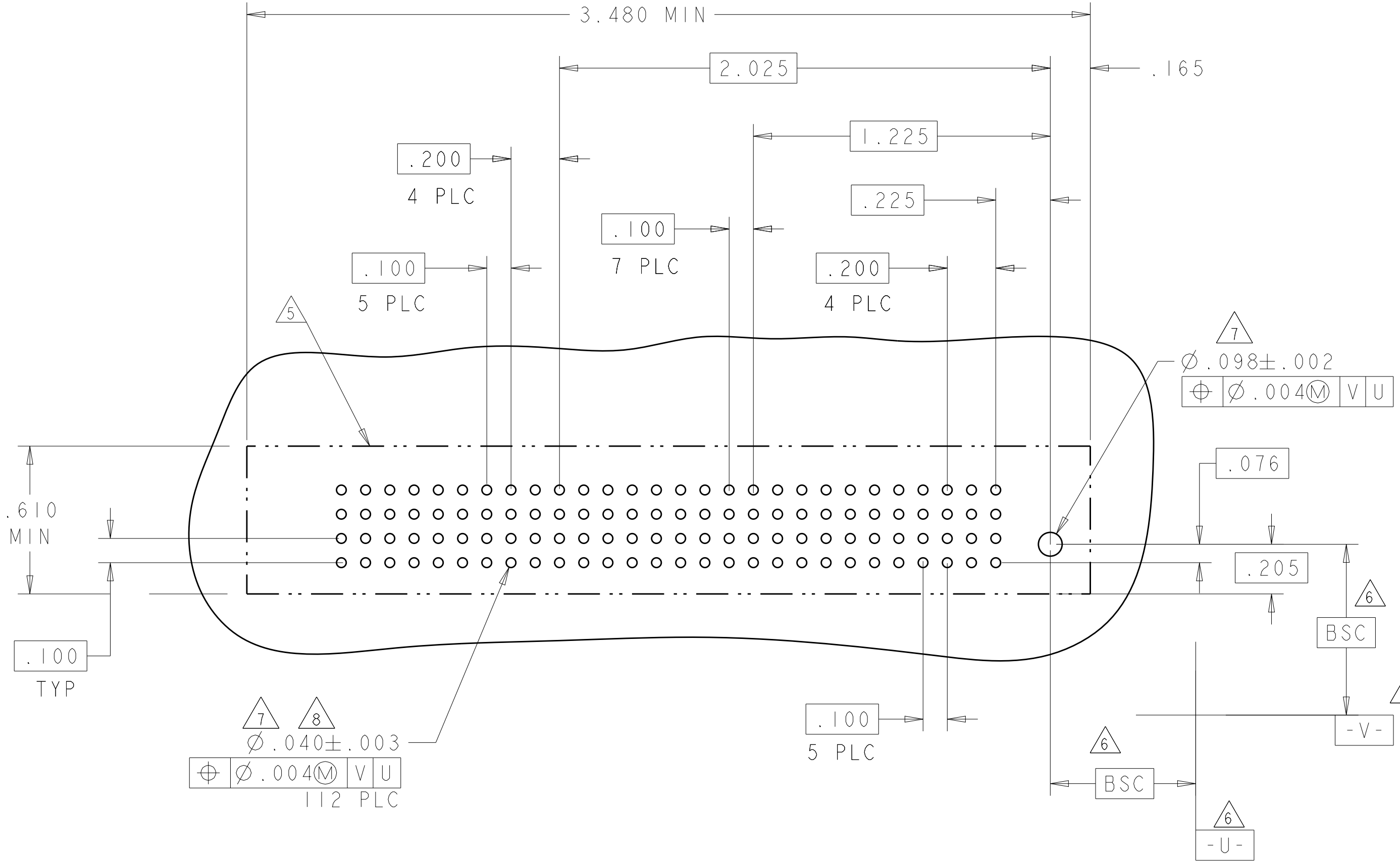
RESTRICTED TO: -
SCALE: 4:1
SHEET: 7 OF 23
REV: U3

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

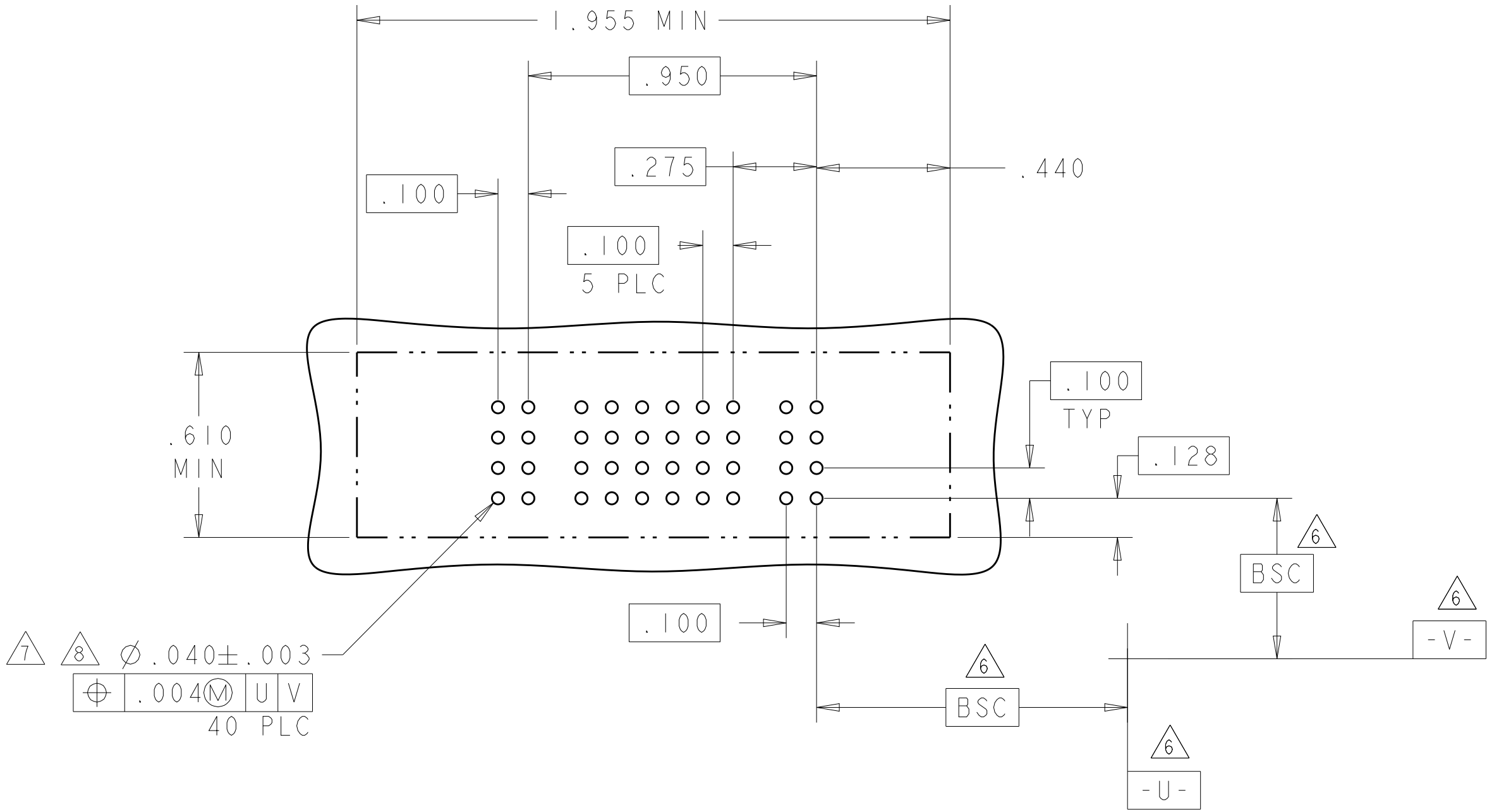
PART NUMBER	ROWS		POWER					SIGNAL							POWER						
			P10	P9	P8	P7	P6	8	7	6	5	4	3	2	1	P5	P4	P3	P2		P1
2-6450550-8	D C B A																				
5P + 32S + 5P																					

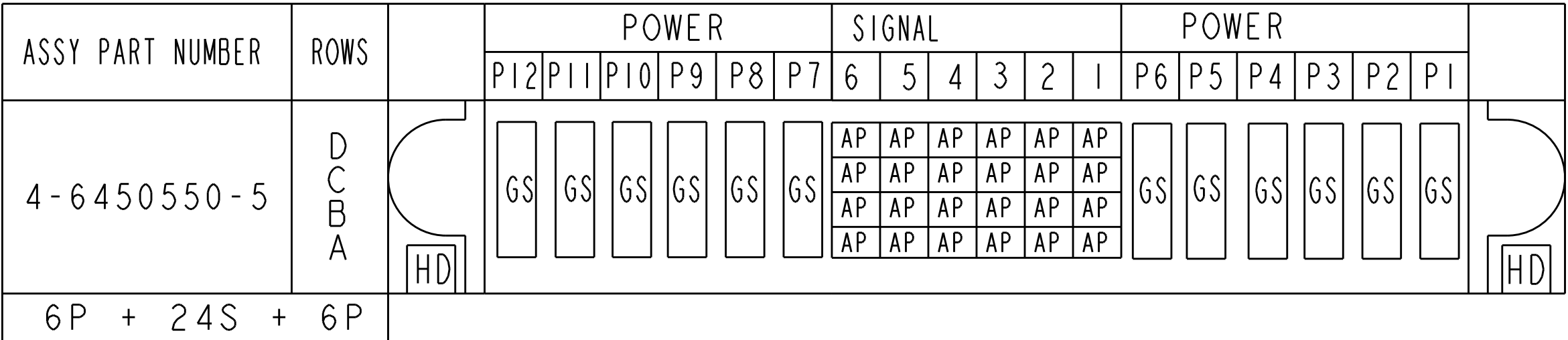


PART NUMBER	ROWS		POWER					SIGNAL							POWER							
			P10	P9	P8	P7	P6	8	7	6	5	4	3	2	1	P5	P4	P3	P2		P1	
3-6450550-5	D C B A																					
5P + 32S + 5P																						

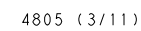


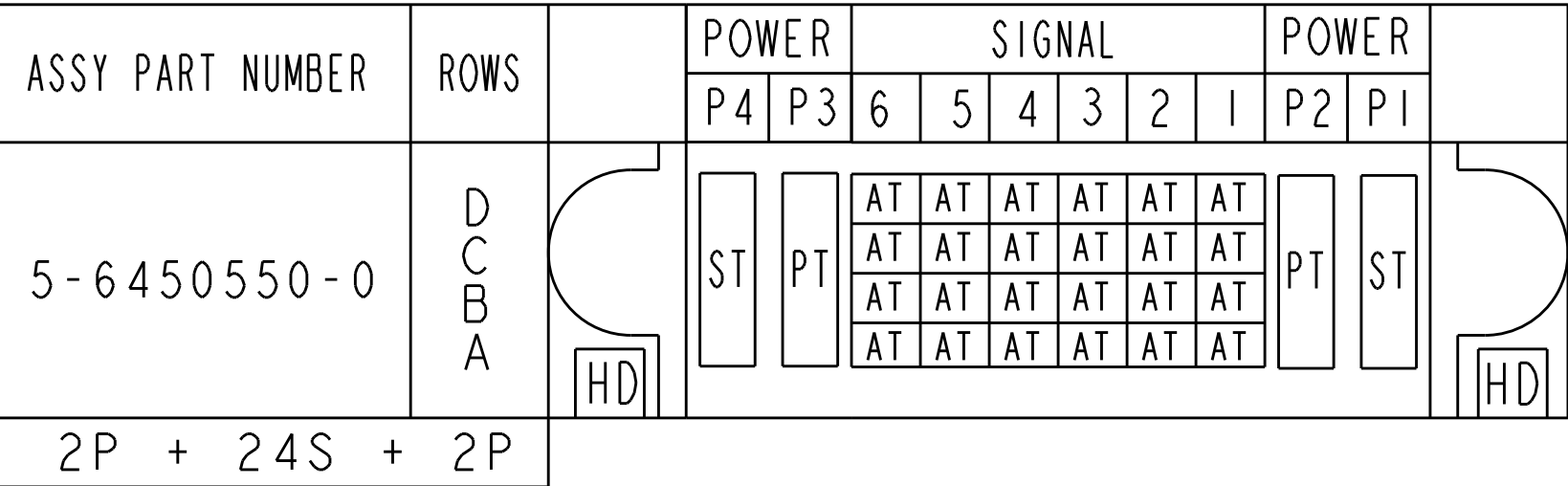
PART NUMBER	ROWS		POWER (L)	SIGNAL							POWER (R)	
			P2	6	5	4	3	2	1	P1		
1-6450550-7	D C B A		GS	AP	AP	AP	AP	AP	AP	AP	GP	
				AP	AP	AP	AP	AP	AP	AP		
				AP	AP	AP	AP	AP	AP	AP		
				AP	AP	AP	AP	AP	AP	AP		
IP + 24S + IP												





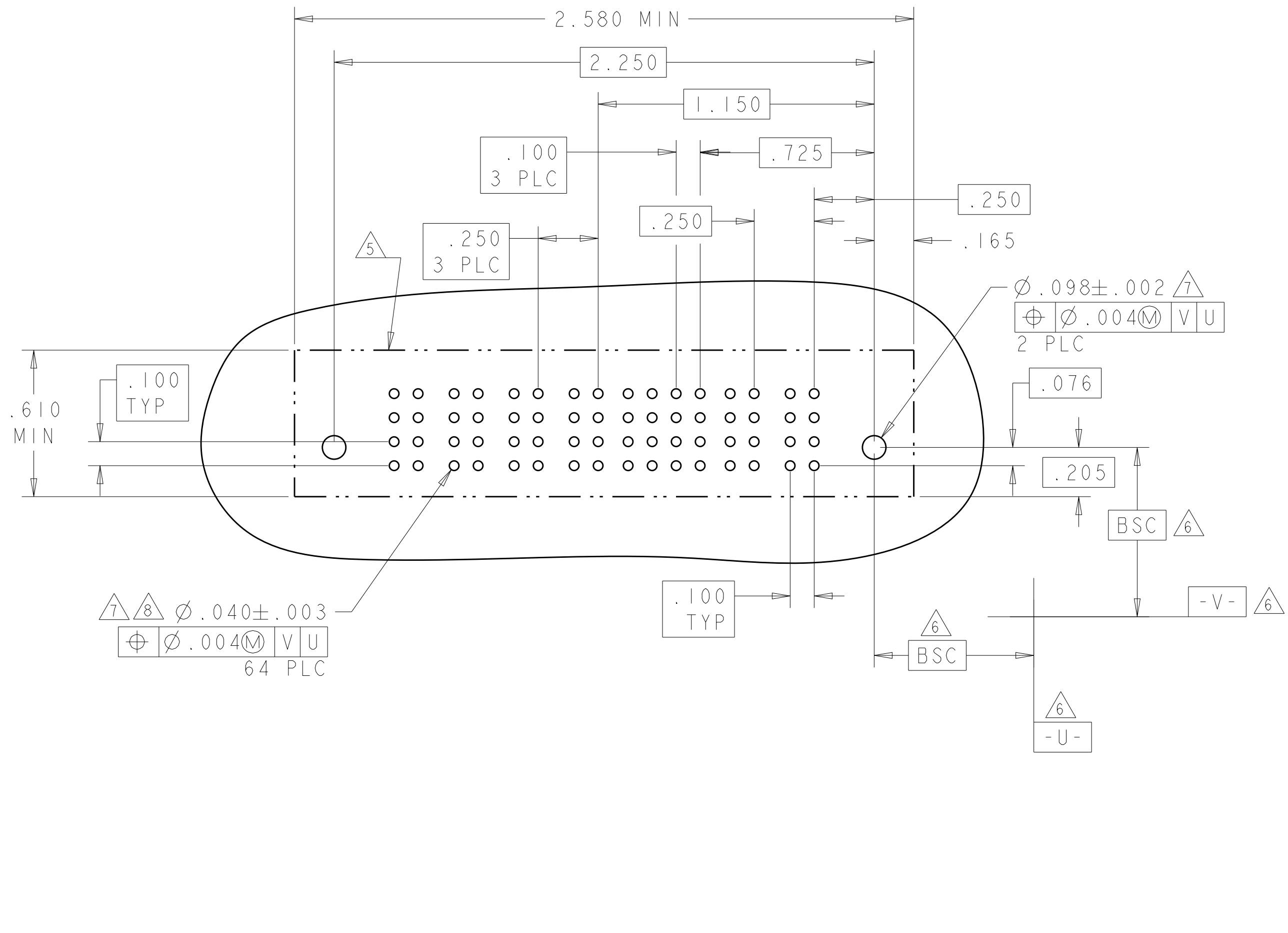
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWA R. GRZYBOWSKI 02MAT05 CHP M. PERCHERKE 02MAT05		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±°		NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL -	
		PRODUCT SPEC 108-1973		SIZE CASE CODE DRAWING NO.	
MATERIAL		APPLICATION SPEC 114-13038		RESTRICTED TO -	
FINISH		WEIGHT -		A1 100779 © 6450550	
CUSTOMER DRAWING		SCALE 4:1		SHEET 9 OF 23	
				REV. U	



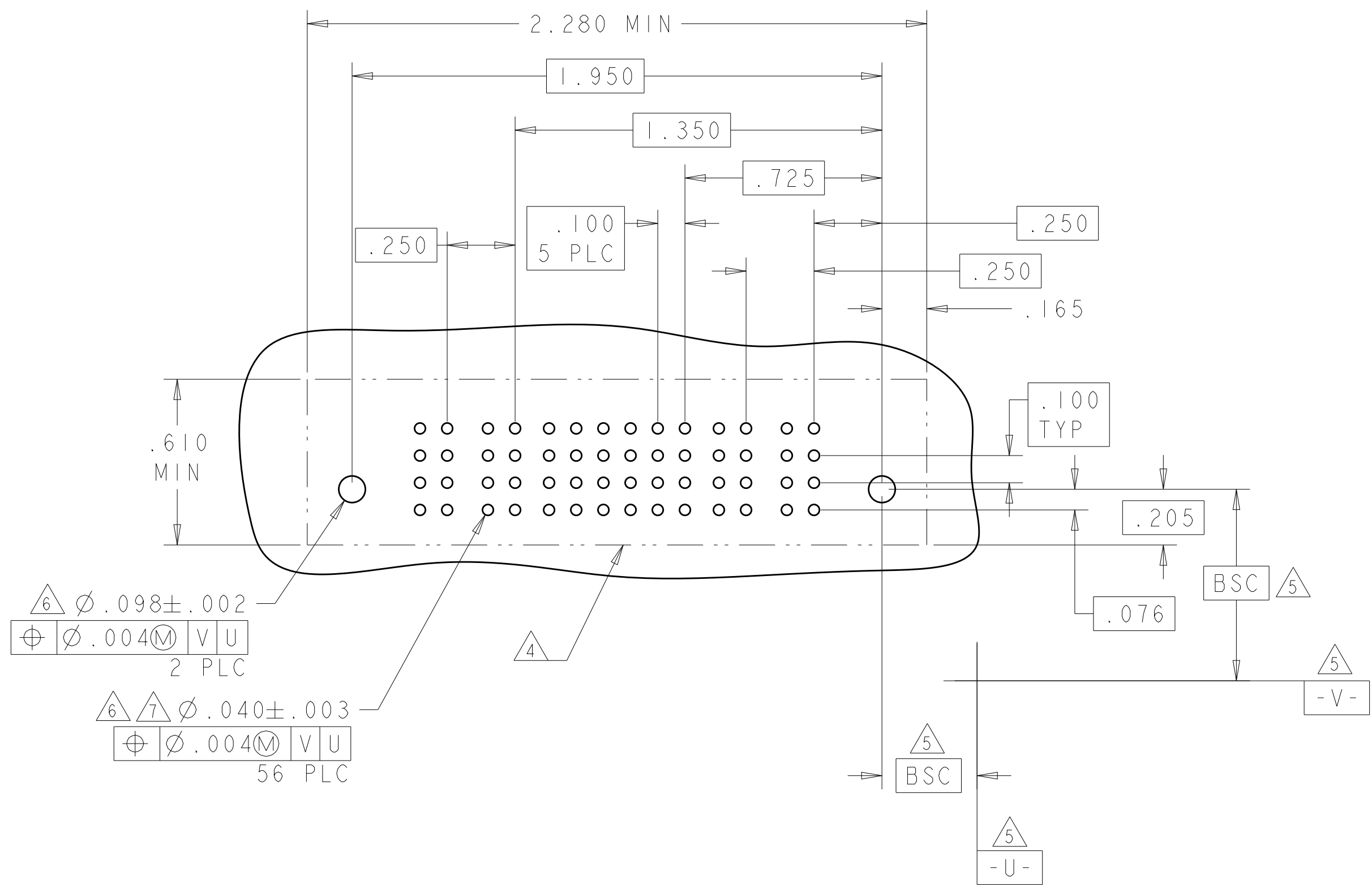


Technical drawing of a rectangular plate with overall dimensions of 6.680 MIN by .610 MIN. The drawing shows a grid of holes arranged in three rows. The top row has 16 holes, the middle row has 16 holes, and the bottom row has 16 holes. The distance between the centerlines of the top and bottom rows is .610 MIN. The horizontal spacing between holes is defined by several dimension boxes: .200 (4 PLC), .100 (5 PLC), .200 (3 PLC), .200 (4 PLC), .200 (5 PLC), .100 (2 PLC), .100 (4 PLC), .100 (5 PLC), .100 (5 PLC), .200 (4 PLC). The total length of the plate is 6.680 MIN. A note indicates a hole diameter of $\varnothing .040 \pm .003$ with a tolerance zone of 7 and a material specification of V U. A section line A-A is shown across the plate.

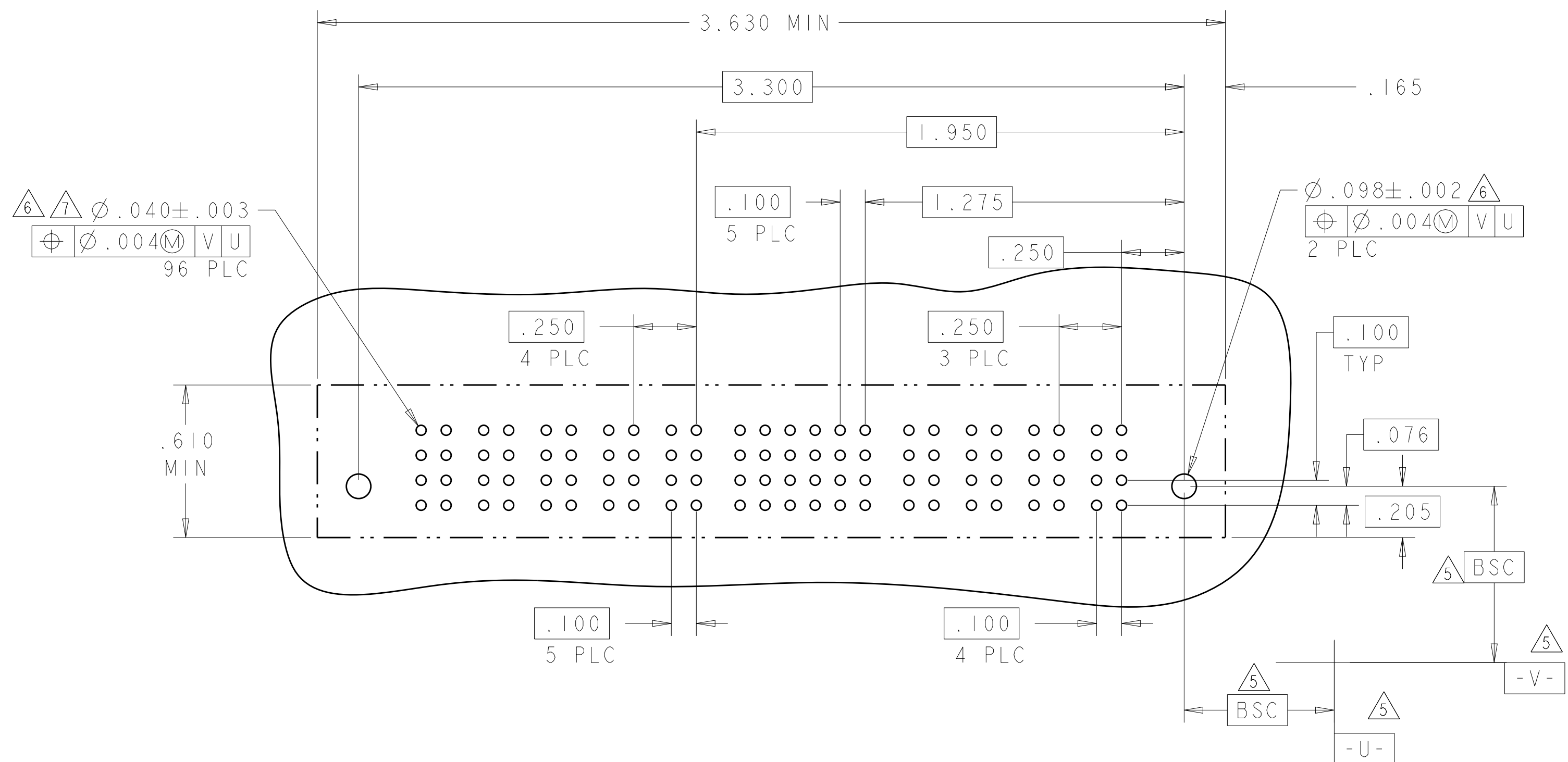
4805 (3/11)

[illegible]4805 (3/11)

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				
					AP	AP	AP	AP	AP	AP				
2P + 24S + 2P														



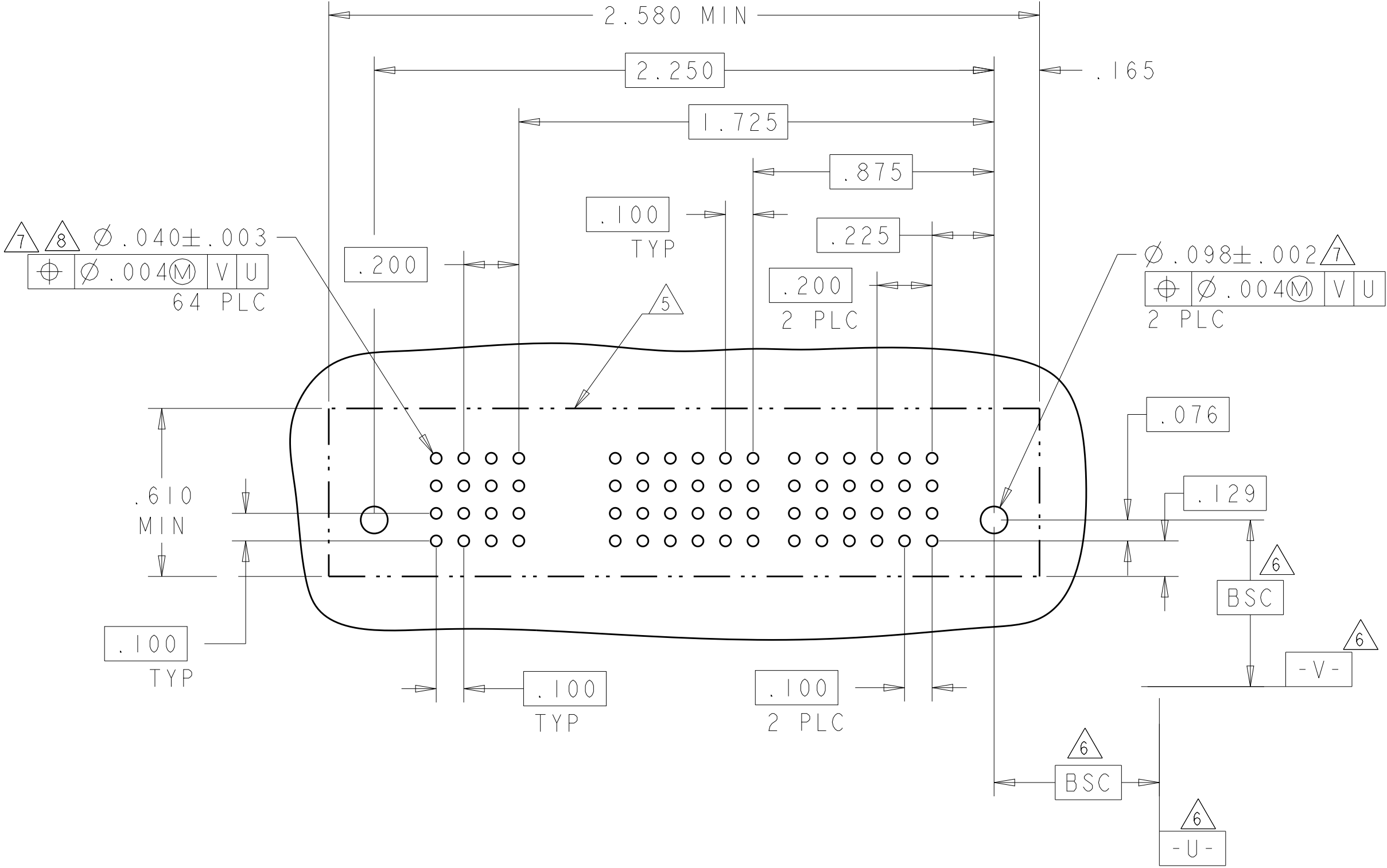
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 02MAY05	
		CHK M. PERCHERKE 02MAY05	
DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED:	
		0 PLC ±	
		1 PLC ±	
		2 PLC ±.01	
		3 PLC ±.005	
		4 PLC ±.0020 μ m	
MATERIAL		FINISH	
		APVD: M. PERCHERKE -	
		PRODUCT SPEC 108-1973	
		APPLICATION SPEC 114-13038	
		WEIGHT -	
		NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL	
		SIZE A1	CAGE CODE 00779
		DRAWING NO C=6450550	RESTRICTED TO -
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															

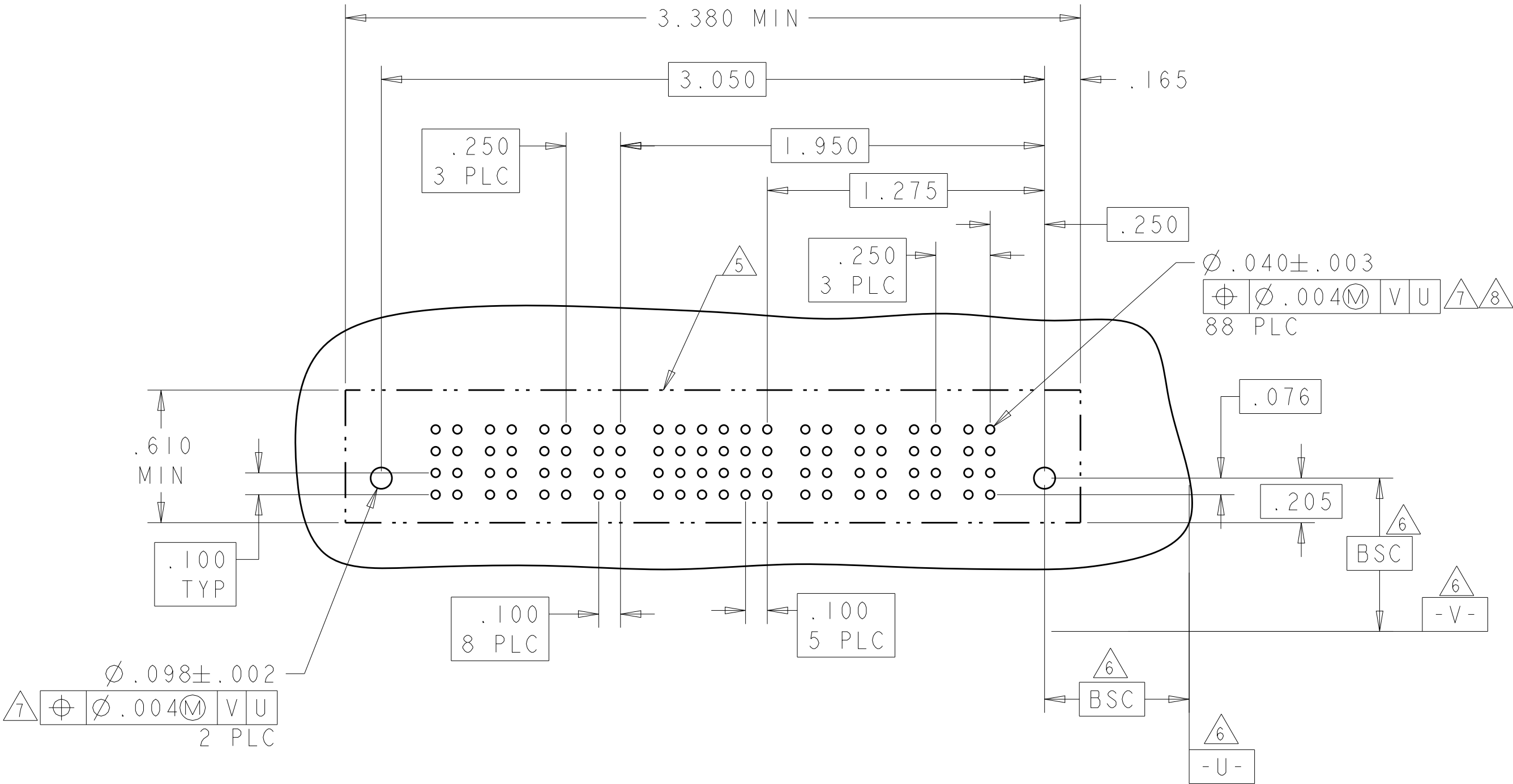
NO CONTACT LOADED



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																		

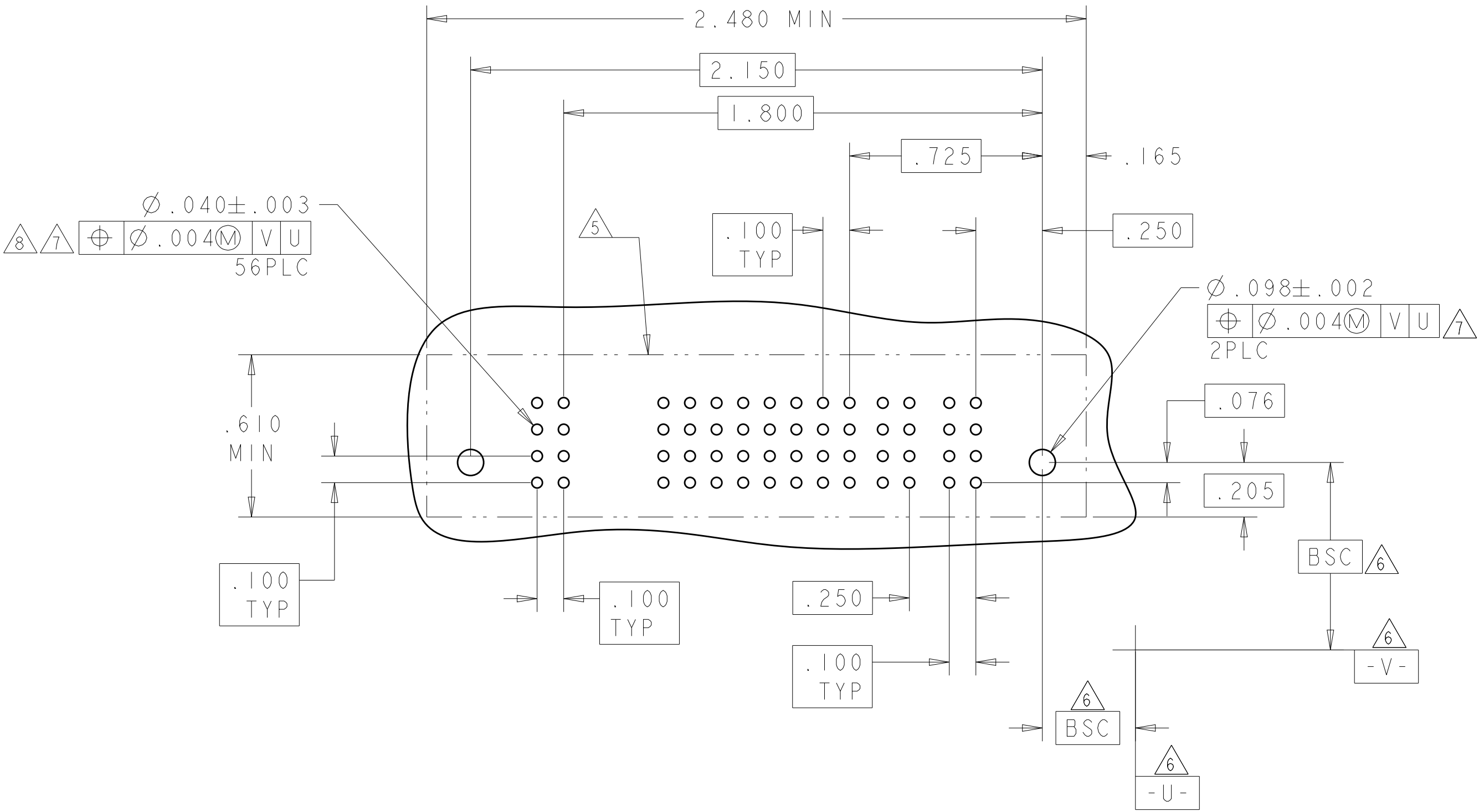
K1

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	AP	AP	AP			
2P + 32S + 2P																

NO CONTACT LOADED

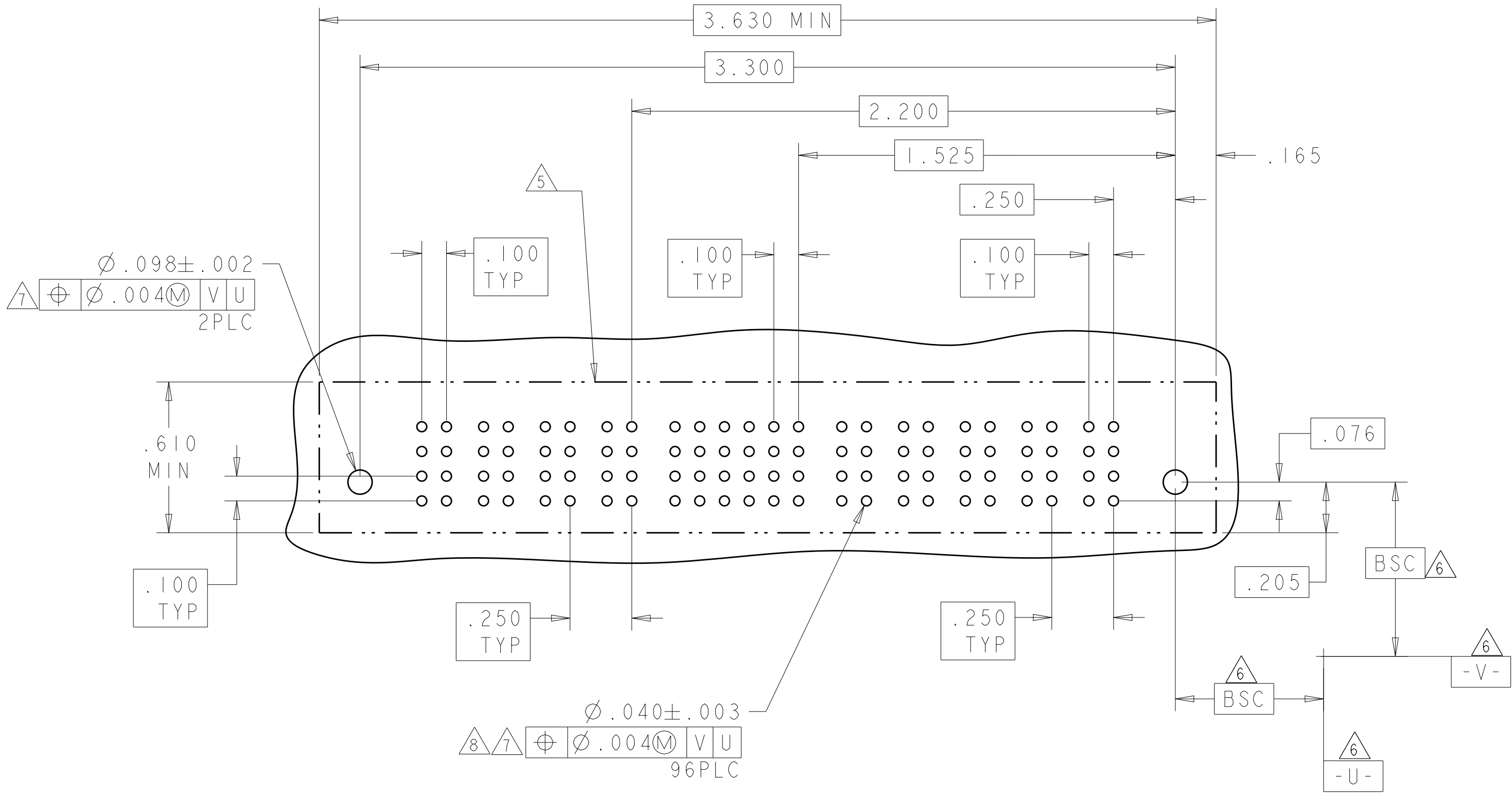
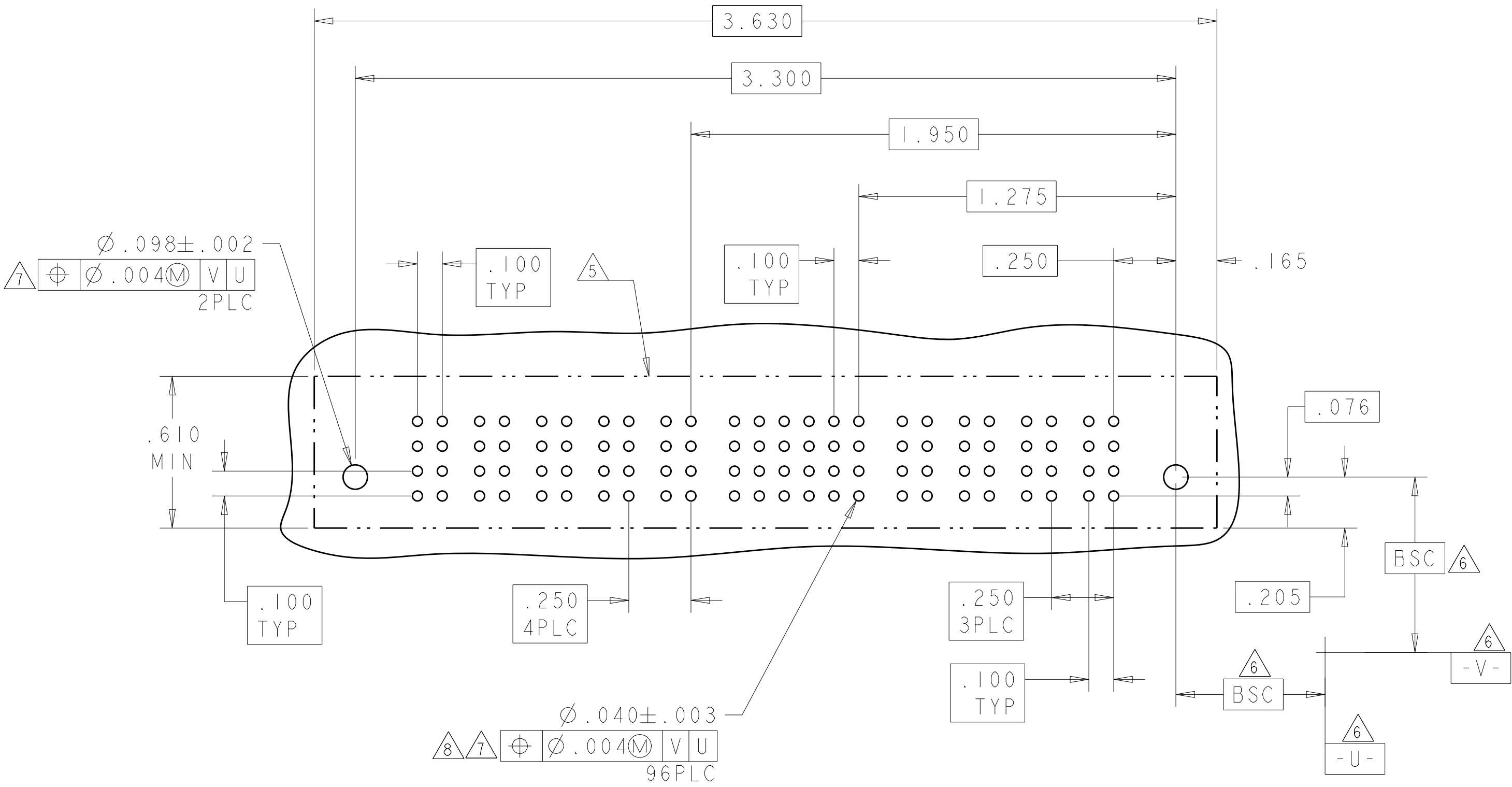


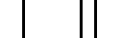
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R. GRZYBOWSKI	02MAY05	TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE	02MAY05		
		APVD M. PERCHERKE	-	NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL	
		PRODUCT SPEC 108-1973		SIZE A1	
MATERIAL		APPLICATION SPEC 114-13038		CAGE CODE 00779	
		FINISH		DRAWING NO 6450550	
		WEIGHT		RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE 4:1	
				SHEET 13 OF 23	
				REV U3	

LOC	DIST	REVISIONS				
ES	00	P	LTR	DESCRIPTION	DATE	OWN
		-		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																	
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																
5P + 24S + 4P																	

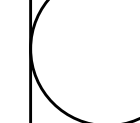
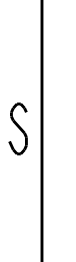
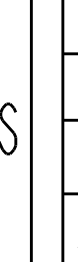
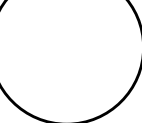


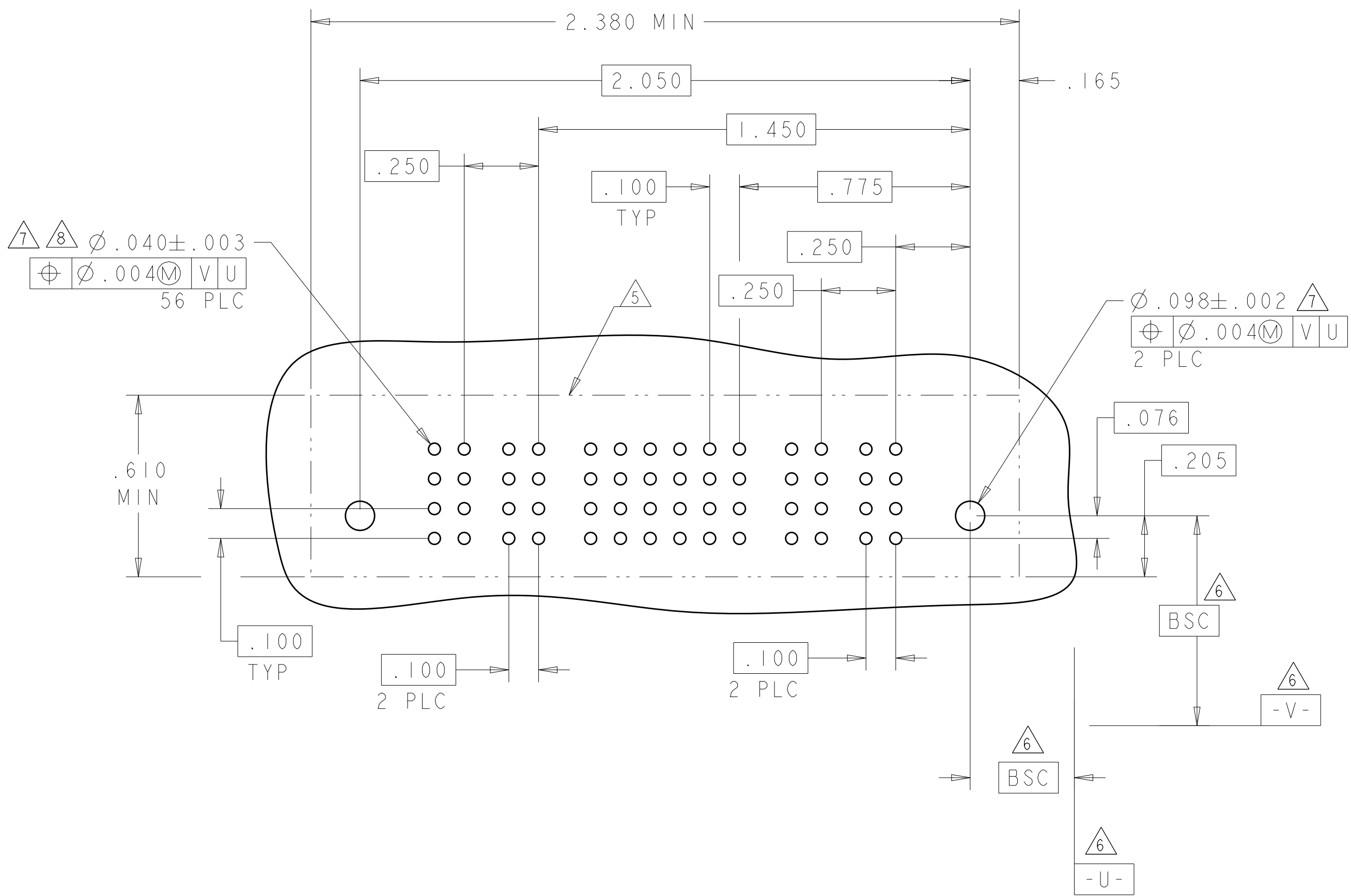
PART NUMBER	ROWS		POWER										SIGNAL						POWER										
			P18	P17	P16	P15	P14	P13	P12	P11	P10	1	2	3	4	5	6	P9	P8	P7	P6	P5	P4	P3	P2	P1			
6-6450550-5	D C B A		GP	GS	GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS	GS	GS	GP		
													AP	AP	AP	AP	AP	AP											
													AP	AP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



Technical drawing of a rectangular plate with a grid of holes. The overall dimensions are 4.330 MIN (width) and 6.10 MIN (height). The plate features a grid of 128 holes, arranged in 8 rows and 16 columns. The hole diameter is specified as $\varnothing .040 \pm .003$ with a tolerance of $\triangle 8$. The plate is surrounded by a .100 TYP (typical) thickness. The plate is divided into sections by dashed lines, with dimensions .1700, .390, .650, .100, .129, .250, .100, and .200. The plate is labeled with 128 PLC, 7 PLC, 9 PLC, and 2 PLC. The plate is also labeled with BSC (Basic) and -U- (Unfinished).

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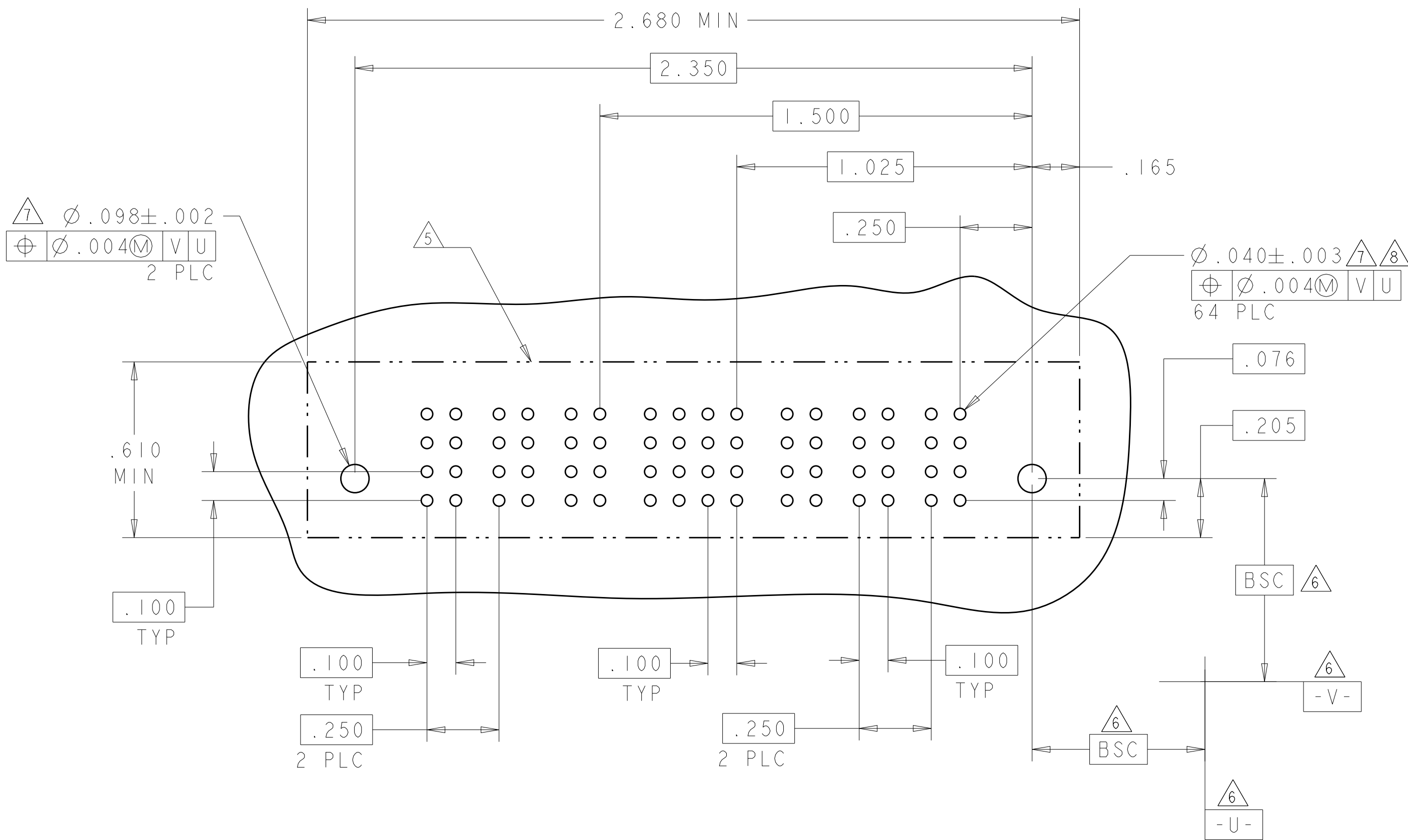
ASSY PART NUMBER	ROWS		POWER				SIGNAL				POWER		
			P6	P5	P4	P3	4	3	2	1	P2	P1	
6-6450550-4	D C B A	 					               			 			
2P + 16S + 4P													



PCB LAYOUT THE SAME AS 5-6450550-4

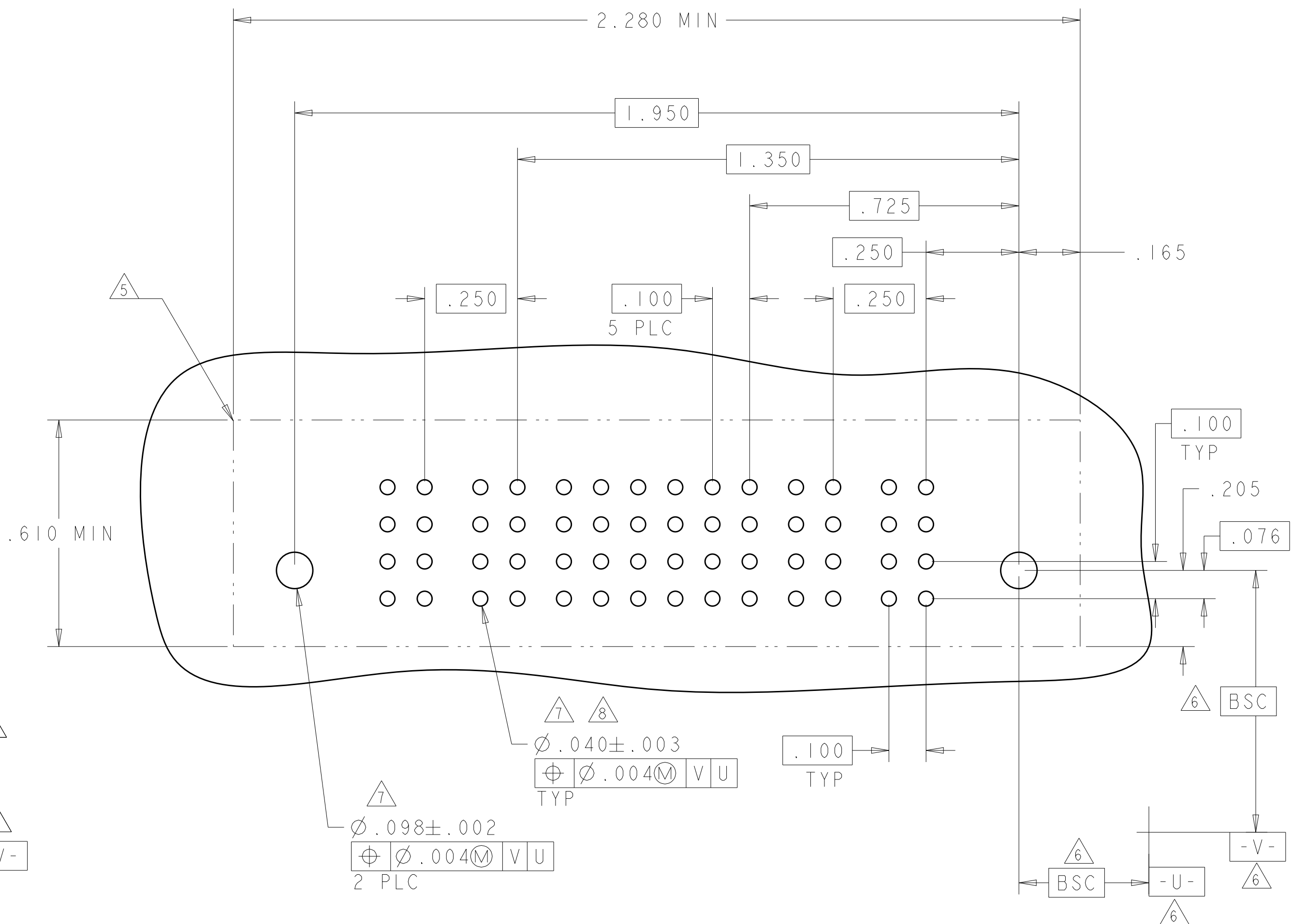
ASSY PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P4	P3	6	5	4	3	2	1	P2	P1	
6-6450550-6	D C B A												
													
													
													
2P + 24S + 2P													

4805 (3/11)

[illegible]4805 (3/11)

[illegible]4805 (3/11)

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



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

Dimensions and Tolerances:

- Overall length: 4.180 MIN
- Overall width: .610 MIN
- Top edge dimensions: 3.850, 2.750, 1.225, .250, .165
- Bottom edge dimensions: .100 (3 PLC), .250 (3 PLC), .100 (14 PLC), .250 (3 PLC), .076, .205
- Internal dimensions: .250 (3 PLC), .100 (14 PLC), .250 (3 PLC)

Manufacturing Notes and Tolerances:

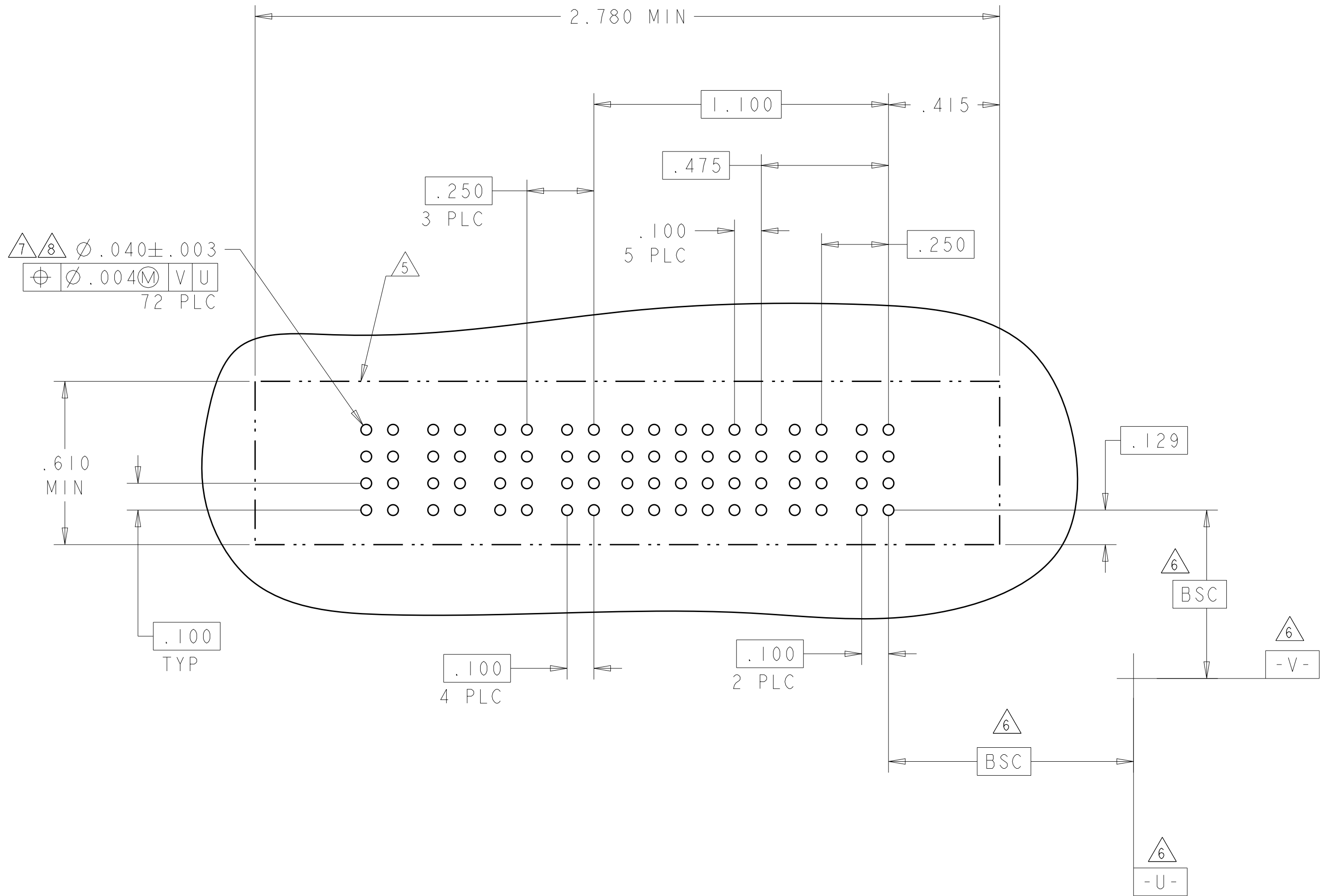
- Top edge: $\phi .098 \pm .002$ (2 PLC), $\phi .004 \text{ M}$ (U, V)
- Bottom edge: $\phi .040 \pm .003$ (7, 8), $\phi .004 \text{ M}$ (U, V) TYP
- Internal dimensions: .100 (3 PLC), .100 (14 PLC), .250 (3 PLC), .100 TYP
- Bottom edge: .076, .205
- Bottom edge: BSC (6), -V-
- Bottom edge: BSC (6), -U-

Other Notes:

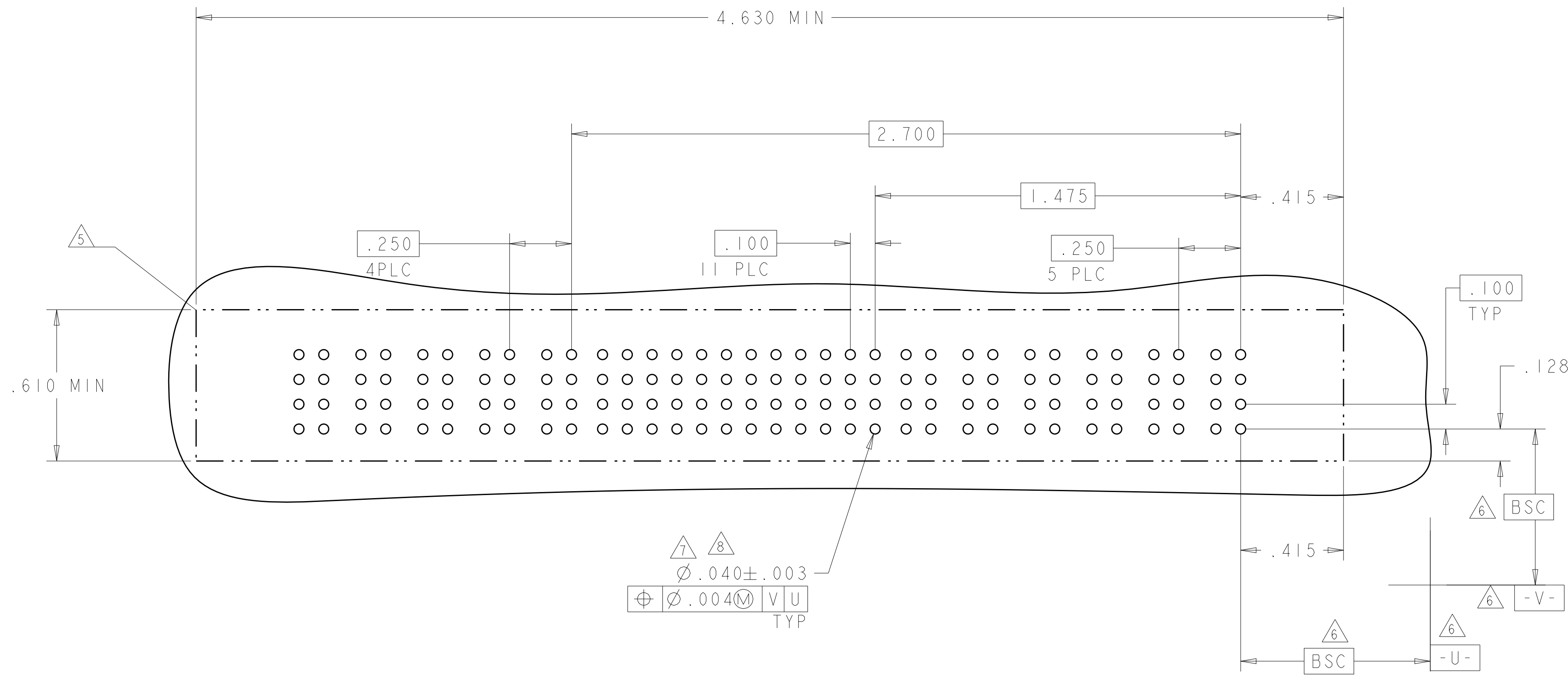
- PCB EDGE

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PART NUMBER	ROWS		POWER				SIGNAL					POWER			
			P6	P5	P4	P3	6	5	4	3	2	1	P2		P1
4-6450550-0	D C B A														
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:		NAME	
		0 PLC ±.01		CHW M. PERCHERKE 02MAT05	
		1 PLC ±.01		APVD M. PERCHERKE	
		2 PLC ±.01		PRODUCT SPEC	
		3 PLC ±.005		108-1973	
4 PLC ±.0020		APPLICATION SPEC		RESTRICTED TO	
ANGLES ±.7°		114-13038		SIZE CAGE CODE DRAWING NO	
MATERIAL		WEIGHT		A 100779 © 6450550	
FINISH		CUSTOMER DRAWING		SCALE 4:1 SHEET 23 OF 23 REV U3	

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