



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

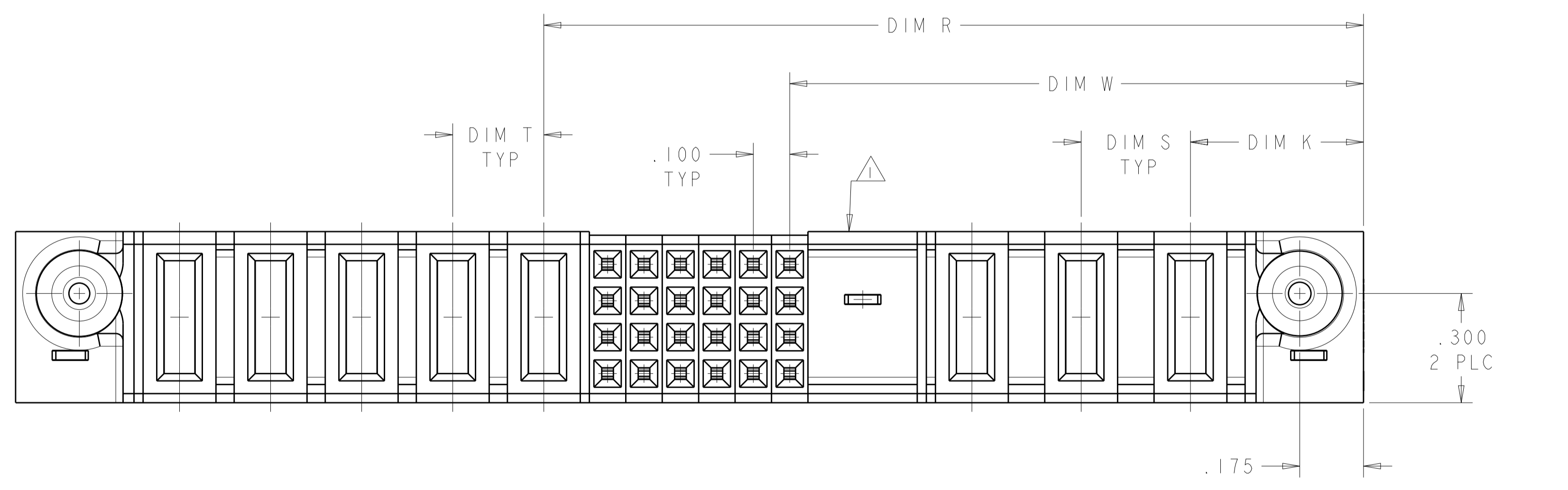
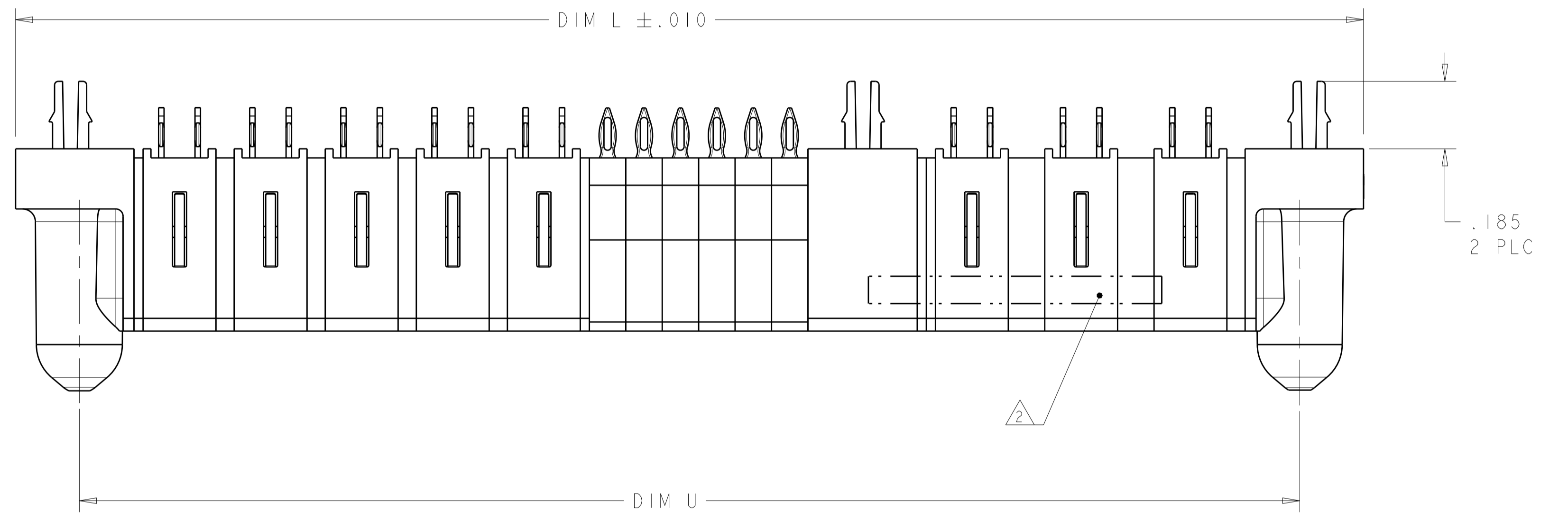
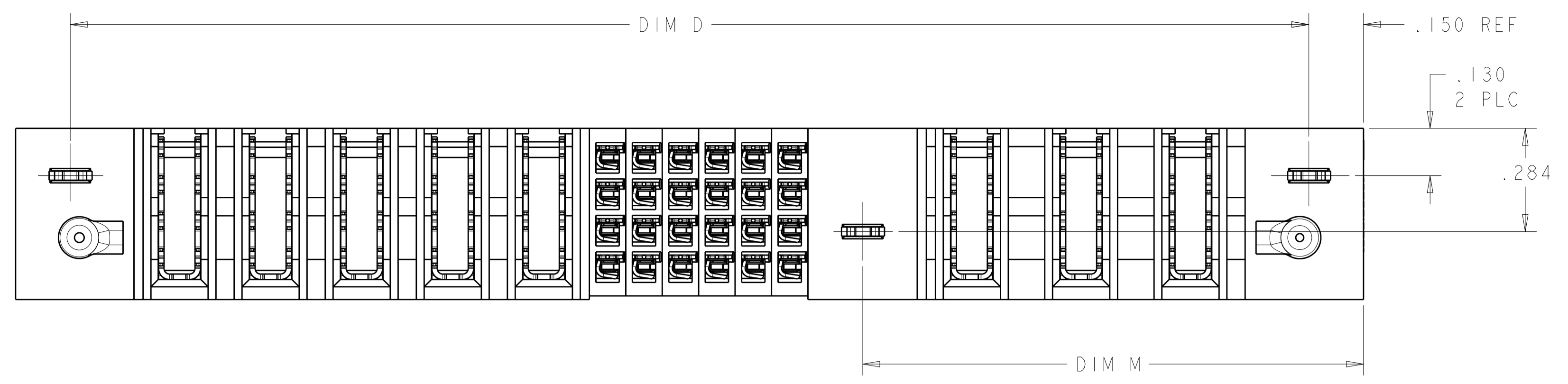
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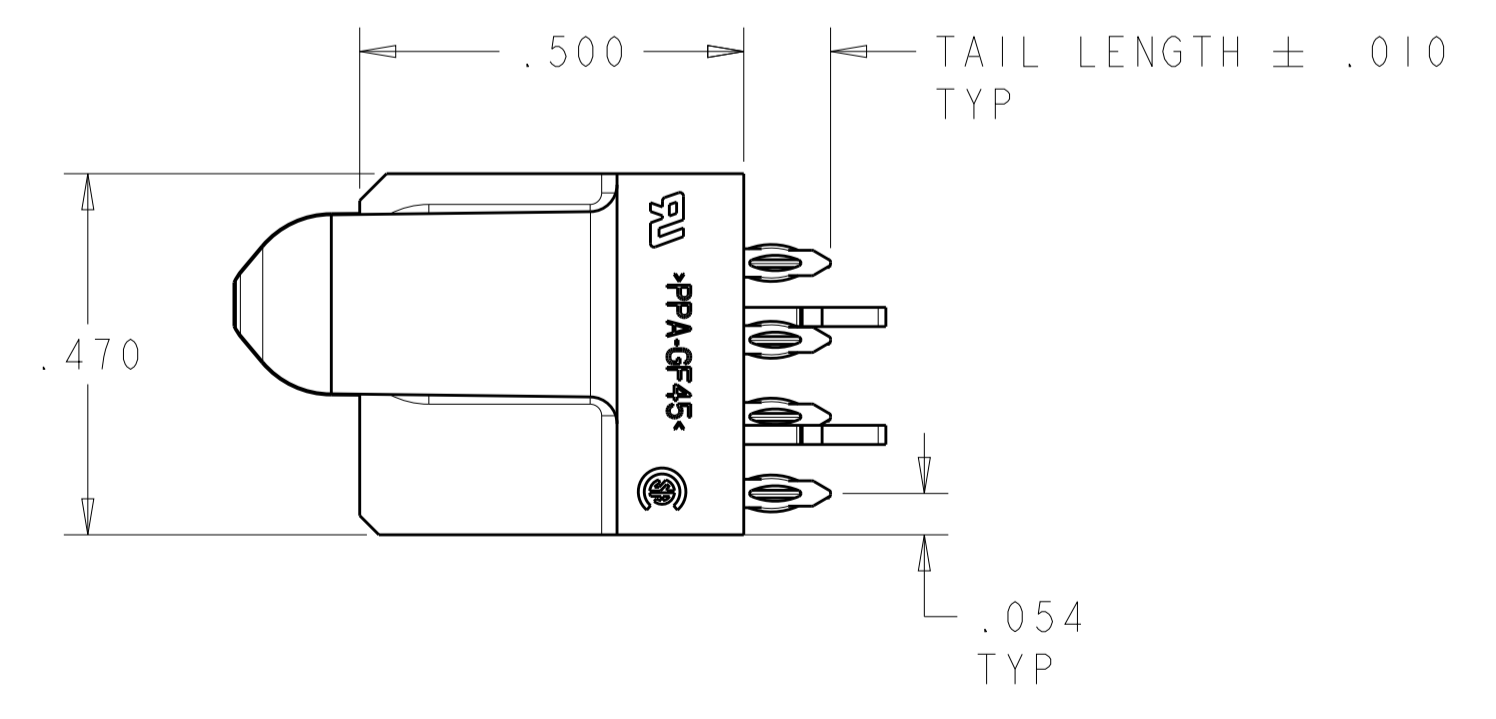
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	APVD
ES	00	T9		ADDED THE DASH NUMBER -15	03FEB2012	ML	SZ
		U		REV PER ECR-12-003783	28FEB2012	CZ	SZ



- 1 OPTIONAL CENTER MODULE, WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE
- 2 "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN MARKING ON BOTH SIDES PERMITTED FOR PARTS UNDER 2.00 LONG
- 3 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0, BLACK
 SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
 POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
- 5 MECHANICAL CONNECTOR KEEP OUT ZONE
- 6 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- 7 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- 8 PCB - .0453 ±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 PLATING TO ACHIEVE A .040 HOLE
- 9 VARIABLE DIMENSION SHOWN ON VIEW (SHEET 7, 10)


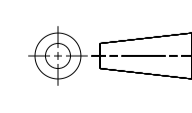


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 02MAY05	TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE 02MAY05		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.020		APVD M. PERCHERKE	NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL	
MATERIAL FINISH		PRODUCT SPEC 108-1973	SIZE A1	
CUSTOMER DRAWING		APPLICATION SPEC 114-13038	CAGE CODE DRAWING NO C=6450550	
SCALE 1:1		WEIGHT	RESTRICTED TO	
SHEET 1 OF 22		REV U1		

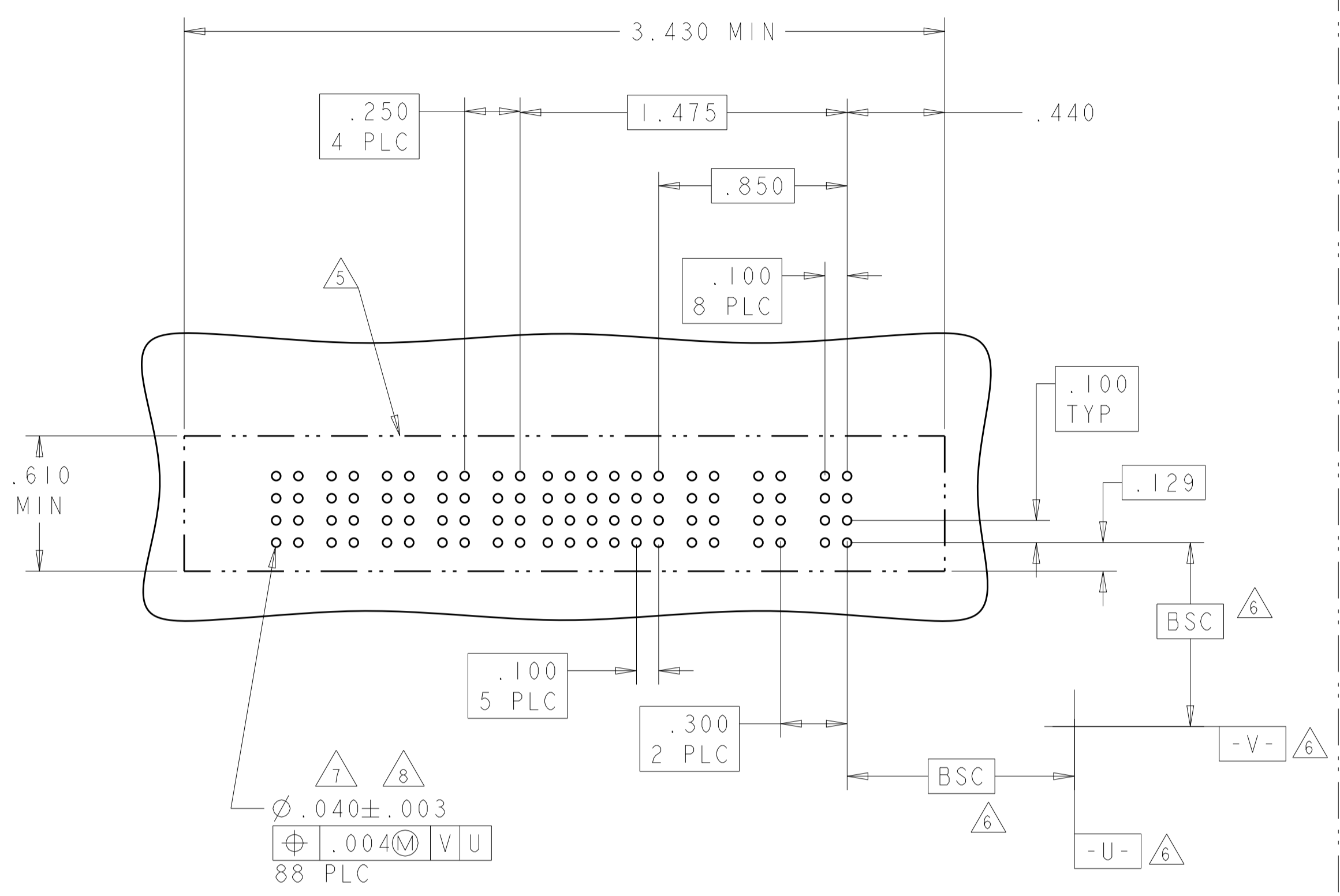
LOC	DIST	REVISIONS					
ES	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
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-	1.950	1.900	.250	.250	1.550	.875	2.250	.450	2P + 24S + 2P	7-6450550-1
-	2.350	2.300	.250	.250	1.700	1.175	2.650	.450	3P + 16S + 3P	6-6450550-9
-	2.650	2.600	.250	.250	2.000	1.125	2.950	.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	△ ₉	△ ₉	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	△ ₉	△ ₉	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	△ ₉	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

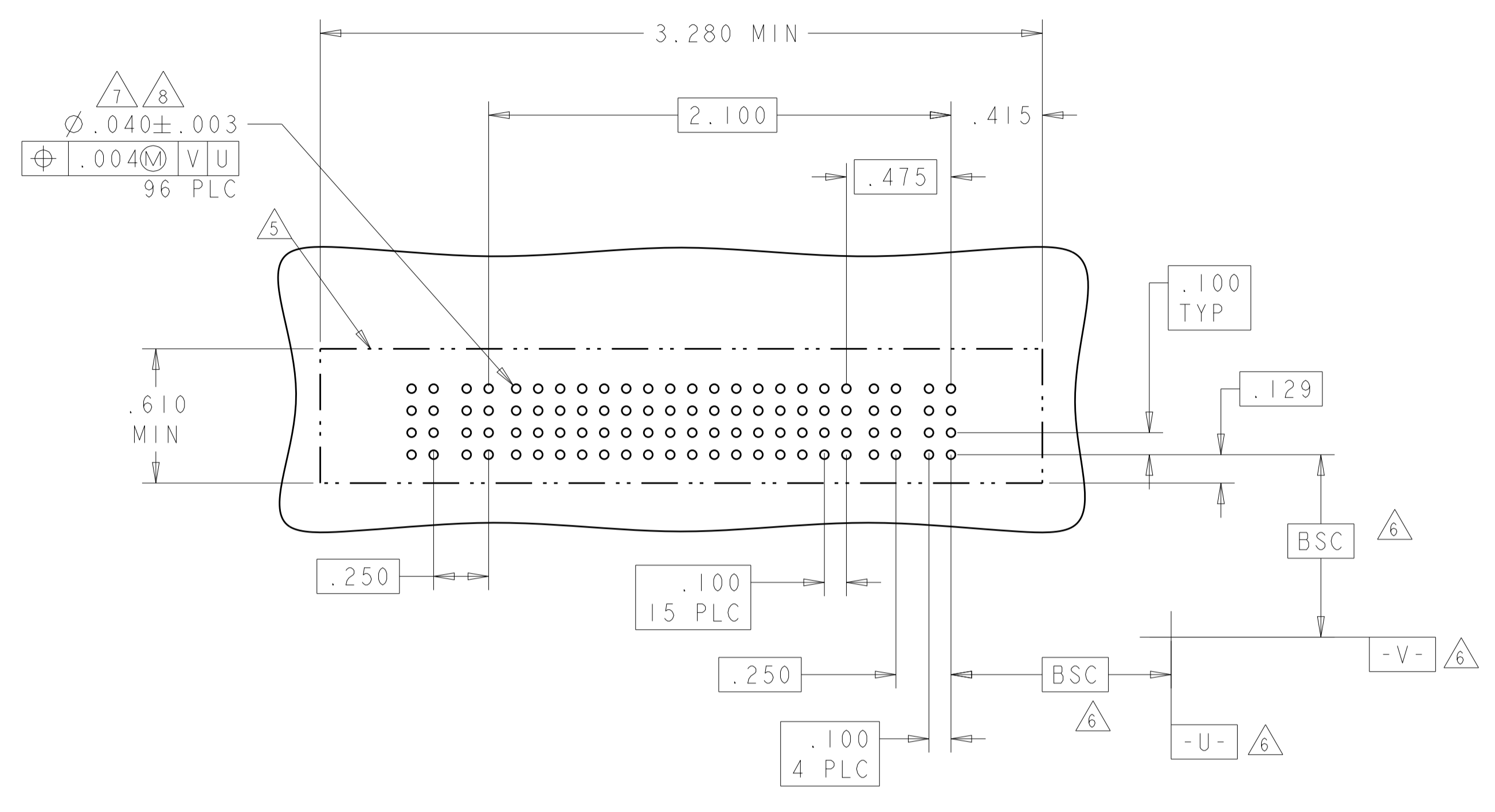
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE	02MAY05	 TE Connectivity
DIMENSIONS: INCHES		APVD M. PERCHERKE	02MAY05	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020		NAME M. PERCHERKE	PRODUCT SPEC 108-1973	VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL
		APPLICATION SPEC 114-13038	RESTRICTED TO	
MATERIAL		WEIGHT	SIZE A100779	SCALE 1:1
FINISH		CUSTOMER DRAWING	DRAWING NO 6450550	SHEET 2 OF 22

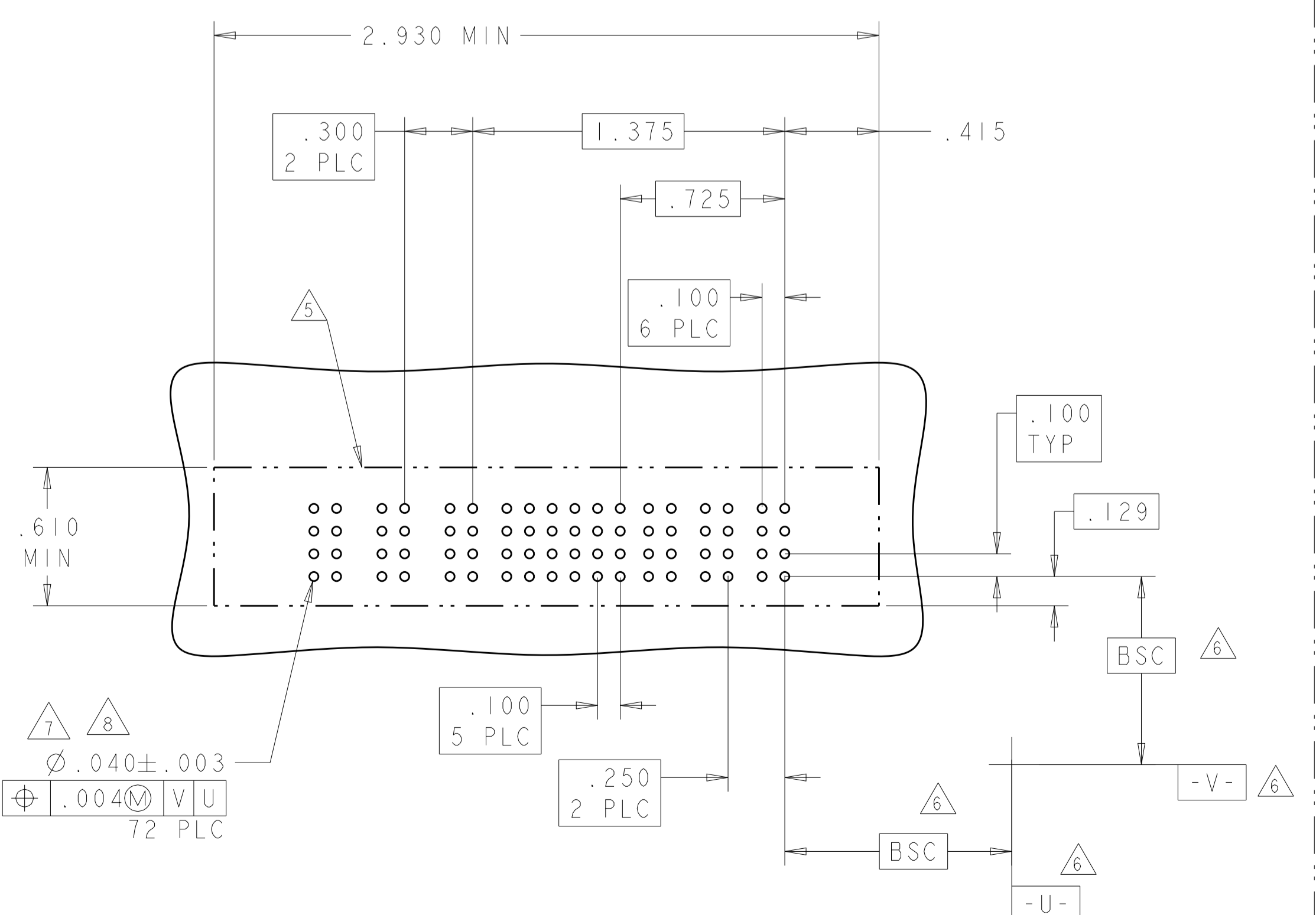
PART NUMBER	ROWS	POWER (L)				SIGNAL						POWER (R)								
		P8	P7	P6	P5	P4	6	5	4	3	2	1	P3	P2	P1					
6450550-1	D C B A	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GS	GS	
		AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP
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3ACP + 24S +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



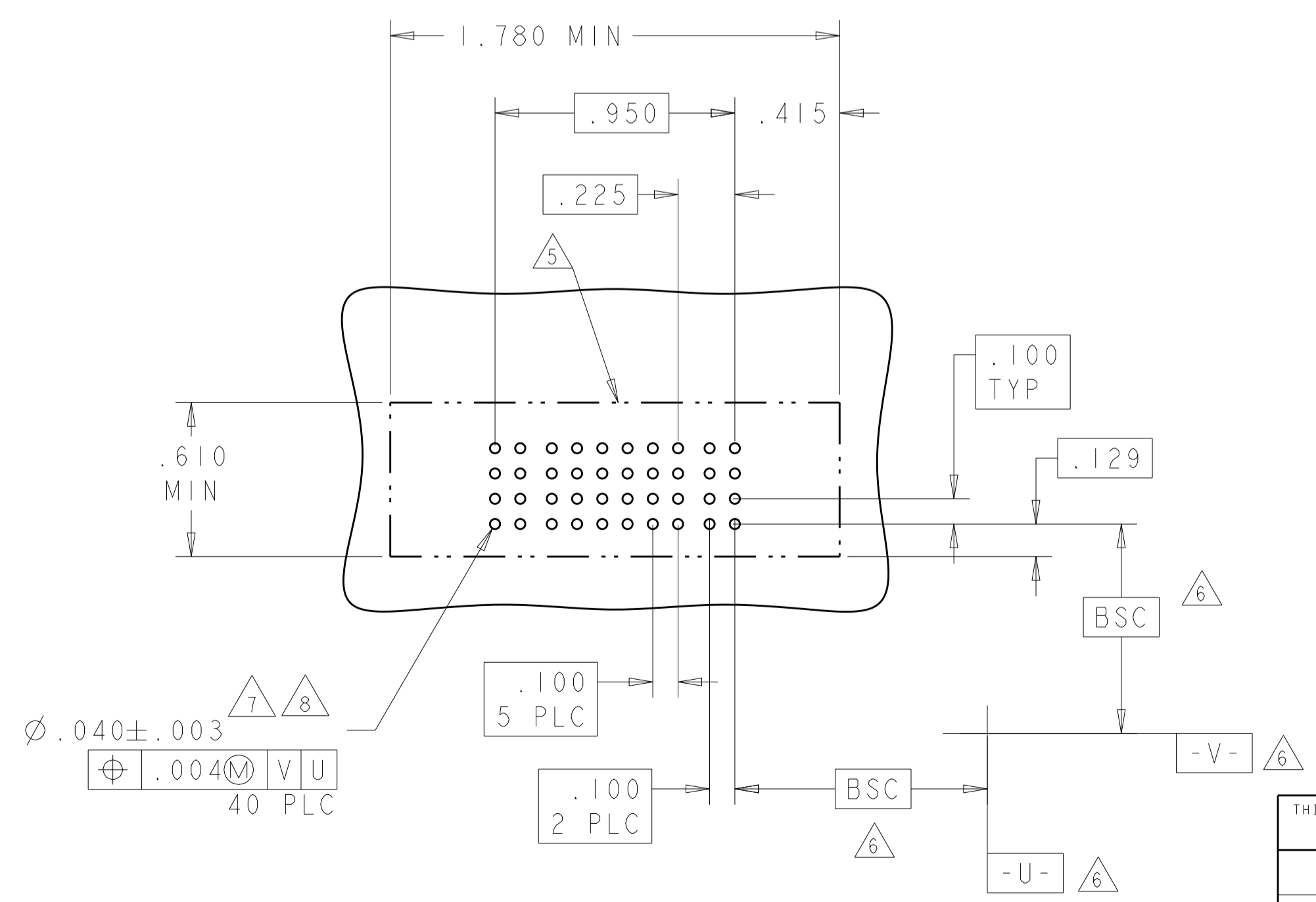
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		P4	P3	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1			
6450550-3	D C B A	GP	GS	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GP	
		AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP
		AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP
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	GS	GS	GS
		AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP
		AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP
3P + 24S + 3ACP														



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



CODE	DESCRIPTION	TAIL LENGTH
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

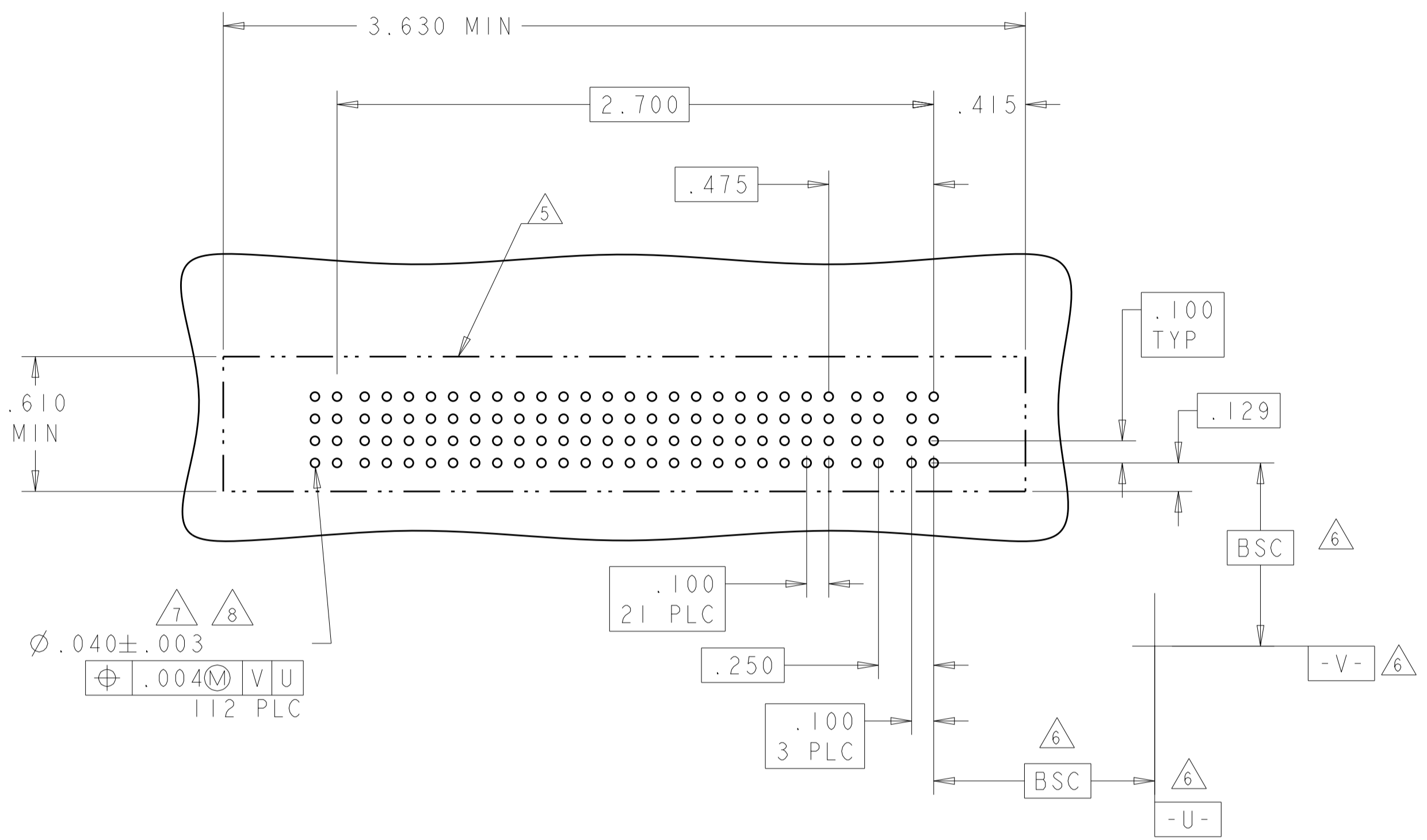
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 02MAY05	CHK: M. PERCHERKE	APVD: M. PERCHERKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL
MATERIAL: FINISH:	0 PLC ±.01	PRODUCT SPEC: 108-1973	SIZE: 114-13038	SCALE: 1:1	RESTRICTED TO: REV: U1
	1 PLC ±.01	APPLICATION SPEC: 114-13038	WEIGHT: -	SHEET: 3	OF: 22
CUSTOMER DRAWING		CAGE CODE: 6450550		DATE: -	

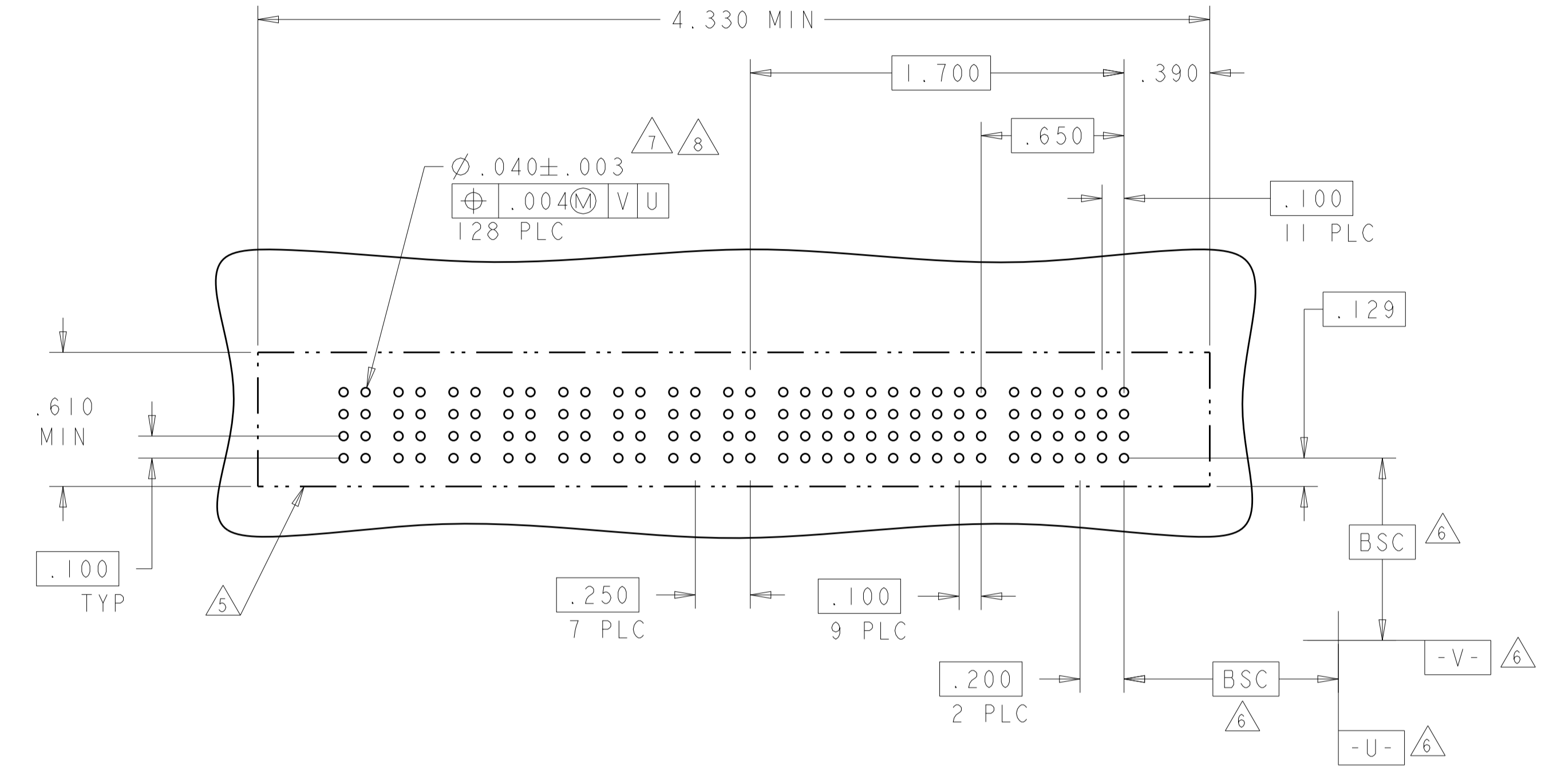
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ES	00				

REVISIONS			
REV	DATE	BY	APPV
-	-	-	-
SEE SHEET 1			

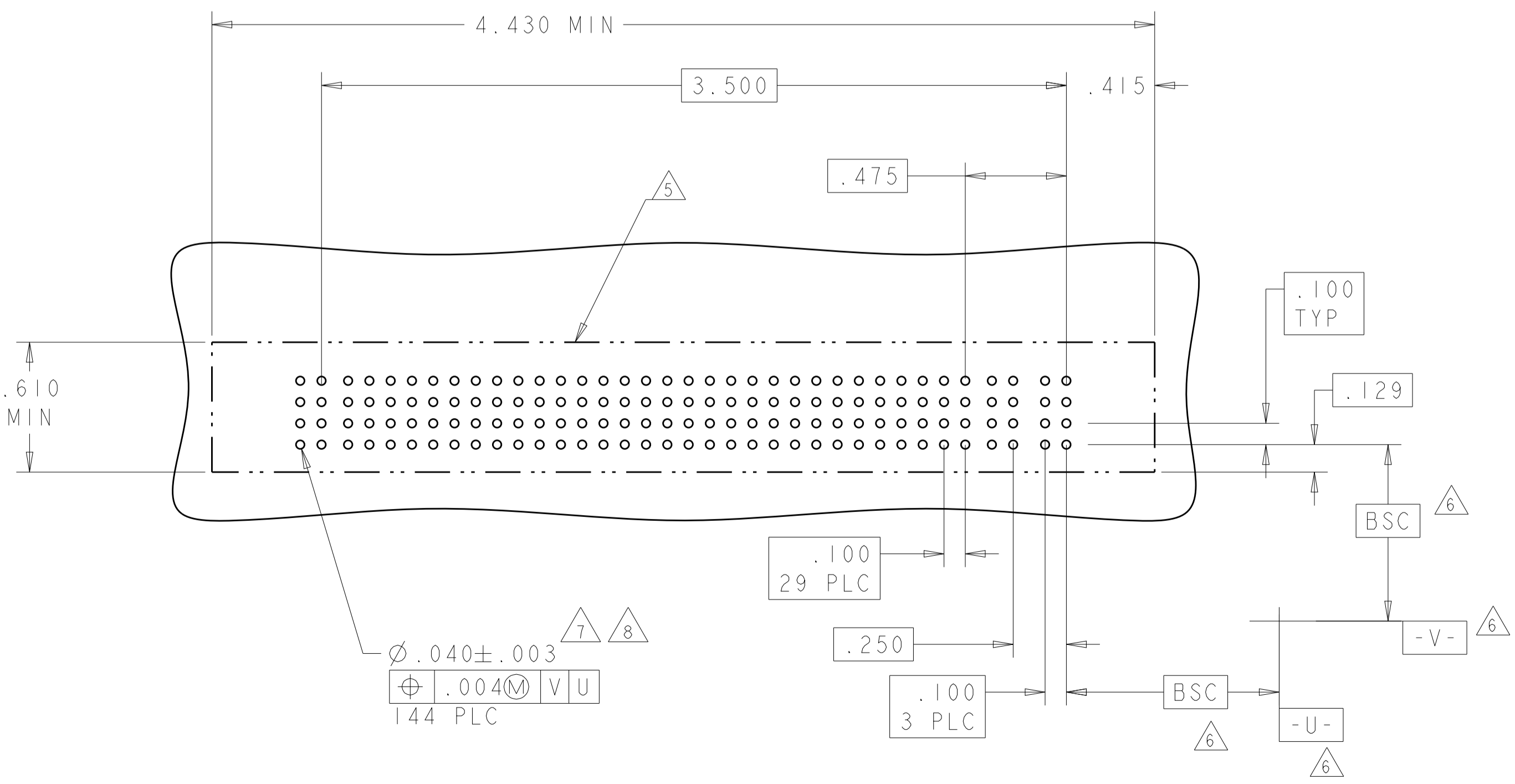
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6450550-5	D C B A	GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GP	
		GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GP	
		GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GP	
2P + 8S + 1P																											



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



PART NUMBER	ROWS	SIGNAL																												POWER (R)				
		P3	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
6450550-6	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	GS	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	GS	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	GS	GP
2P + 120S + 1P																																		



THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: R.GRZYBOWSKI 02MAY05
 CHK: M.PERCHEK 02MAY05

DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±.01
 1 PLC ±.01
 2 PLC ±.01
 3 PLC ±.005
 4 PLC ±.002
 ANGLES ±.020

MATERIAL: FINISH: *P*

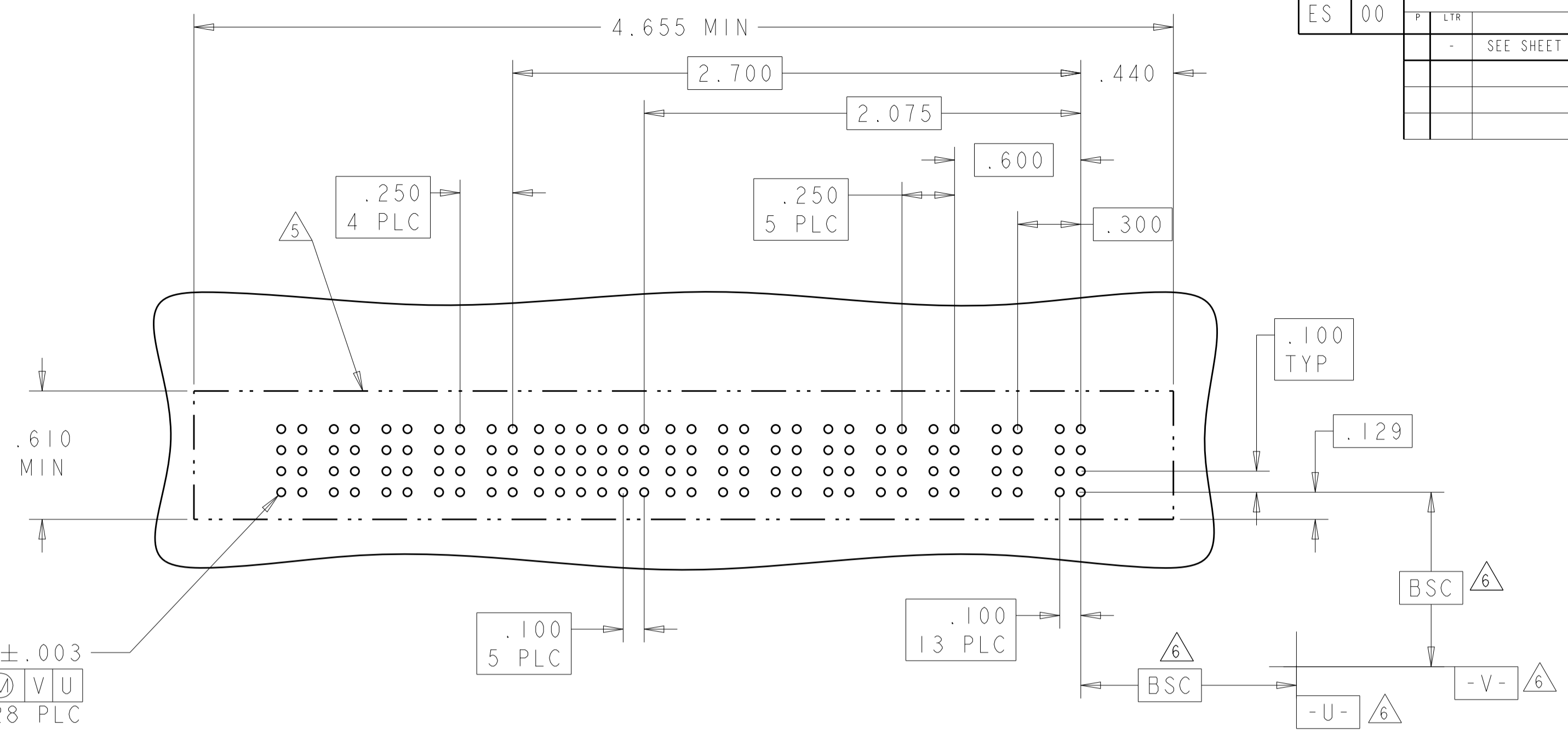
NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL
 PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038
 WEIGHT: -

SIZE: A1 00779 C=6450550
 SCALE: 1:1 SHEET 4 OF 22 REV U

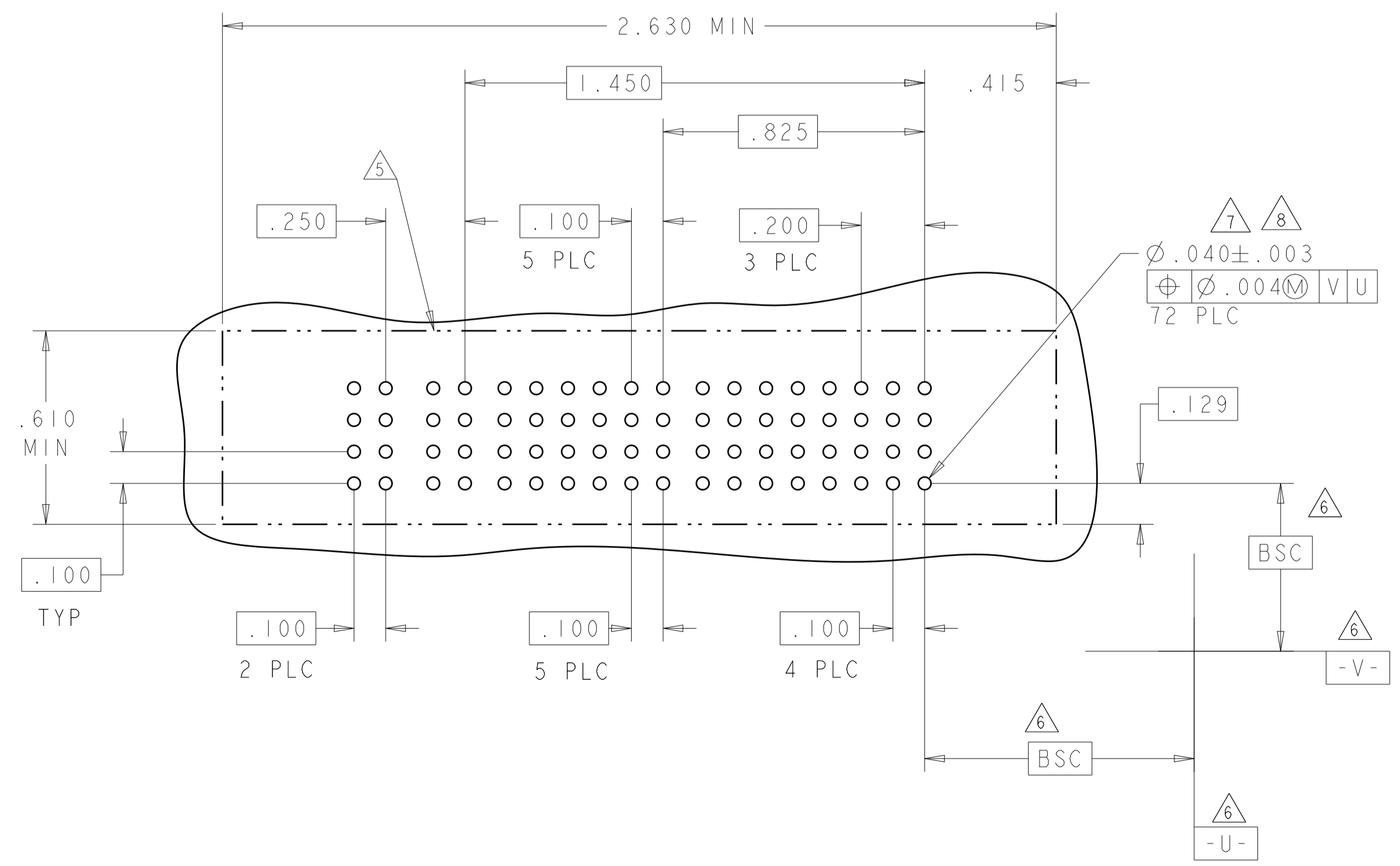
CUSTOMER DRAWING

LOC	DIST	REV	DATE	BY	APPV
ES	00				

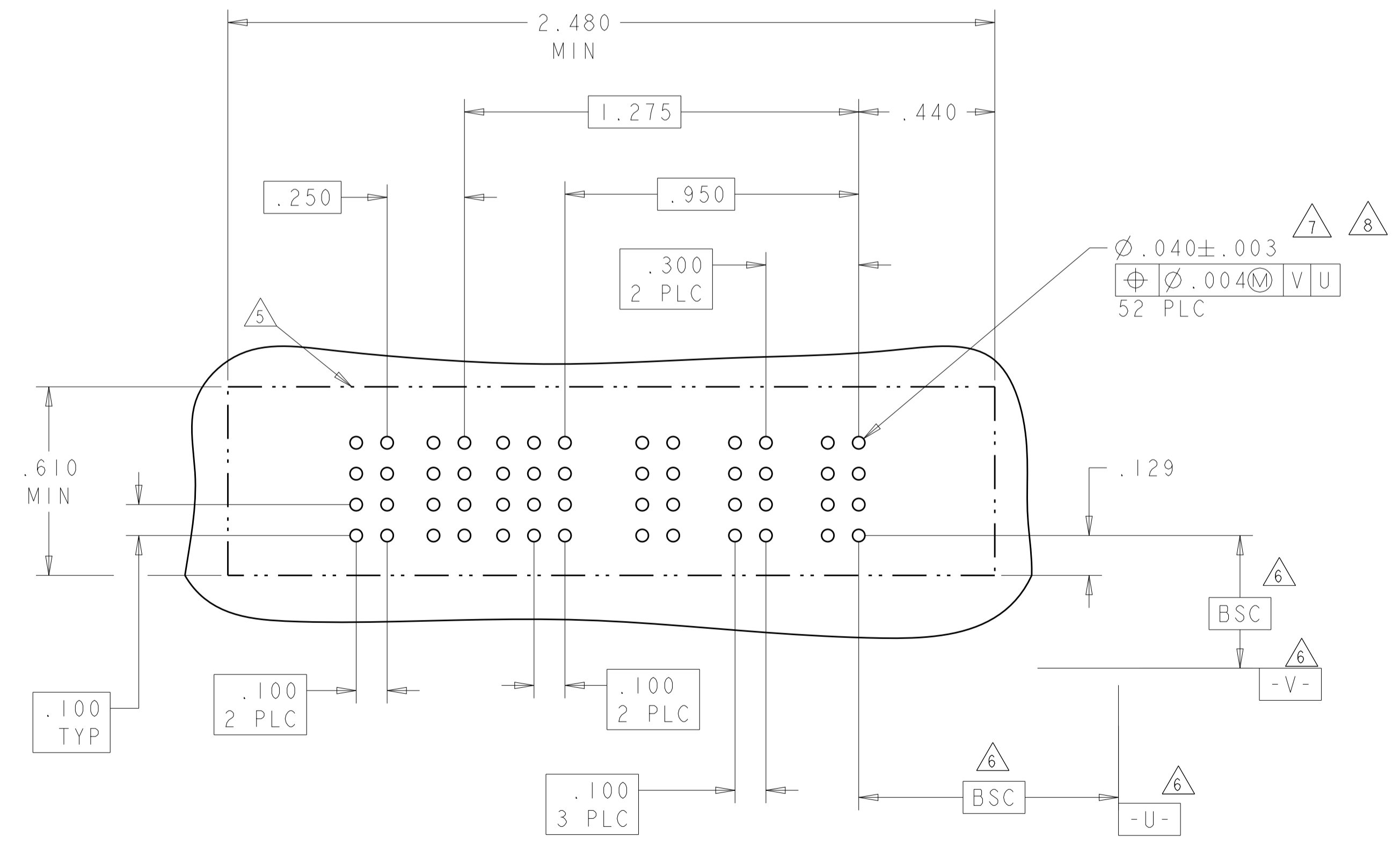
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1-6450550-8	D C B A	GP	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GP	GP	GS	GS
		GP	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GP	GP	GS	GS
		GP	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GP	GP	GS	GS
		GP	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GP	GP	GS	GS
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	GP	GS	AP	AP	AP	AP	AP	AP	GS	GP	GP	GS
		GP	GS	AP	AP	AP	AP	AP	AP	GS	GP	GP	GS
		GP	GS	AP	AP	AP	AP	AP	AP	GS	GP	GP	GS
		GP	GS	AP	AP	AP	AP	AP	AP	GS	GP	GP	GS
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	GS	GS	AP	AP	AP		GP	GS	GS	
		GS	GS	AP	AP	AP		GP	GS	GS	
		GS	GS	AP	AP	AP		GP	GS	GS	
		GS	GS	AP	AP	AP		GP	GS	GS	
3ACP + 16S + 2P											



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

TE Connectivity

VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL

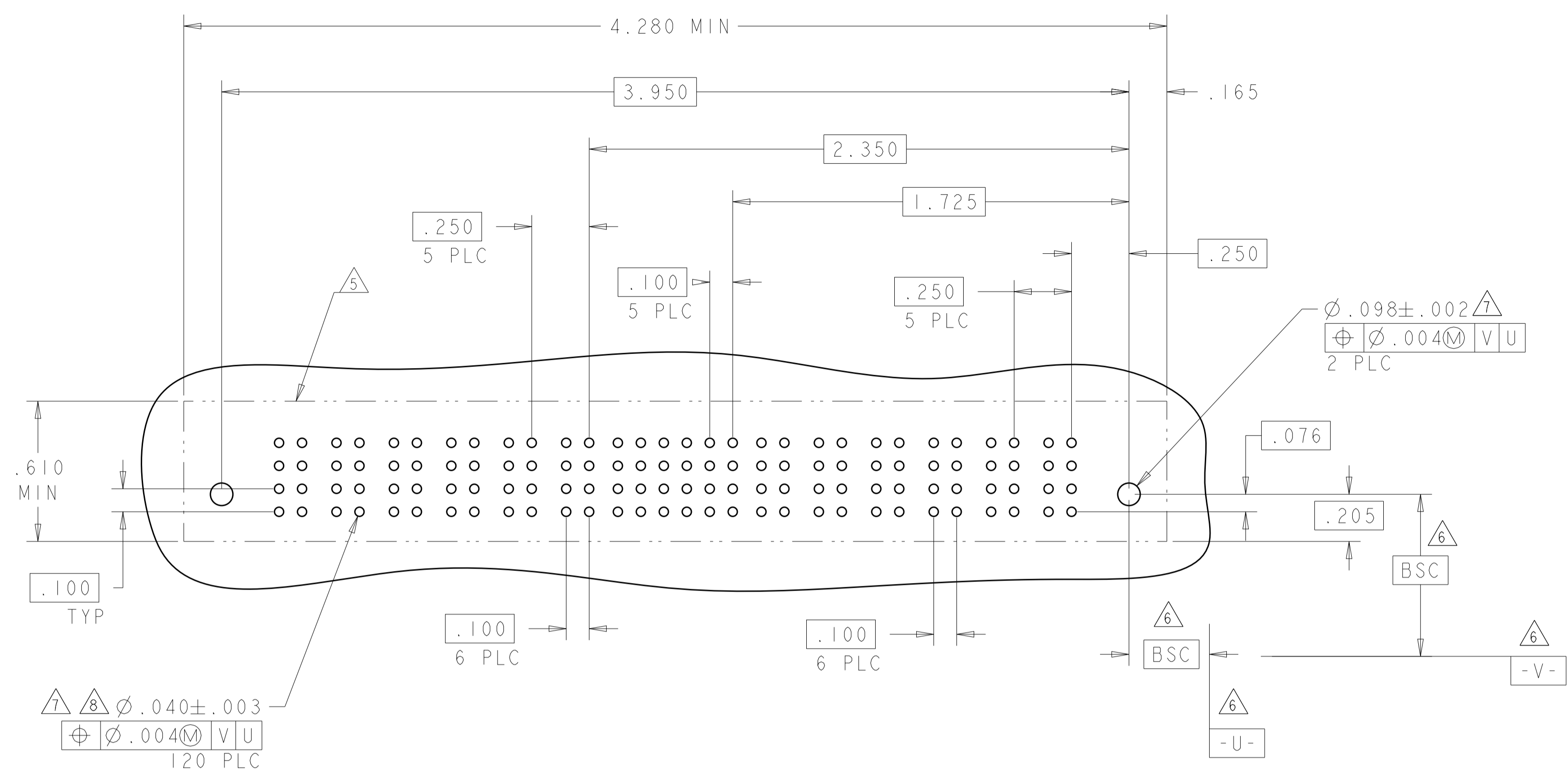
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SCALE: 1:1 SHEET 7 OF 22

REVISIONS

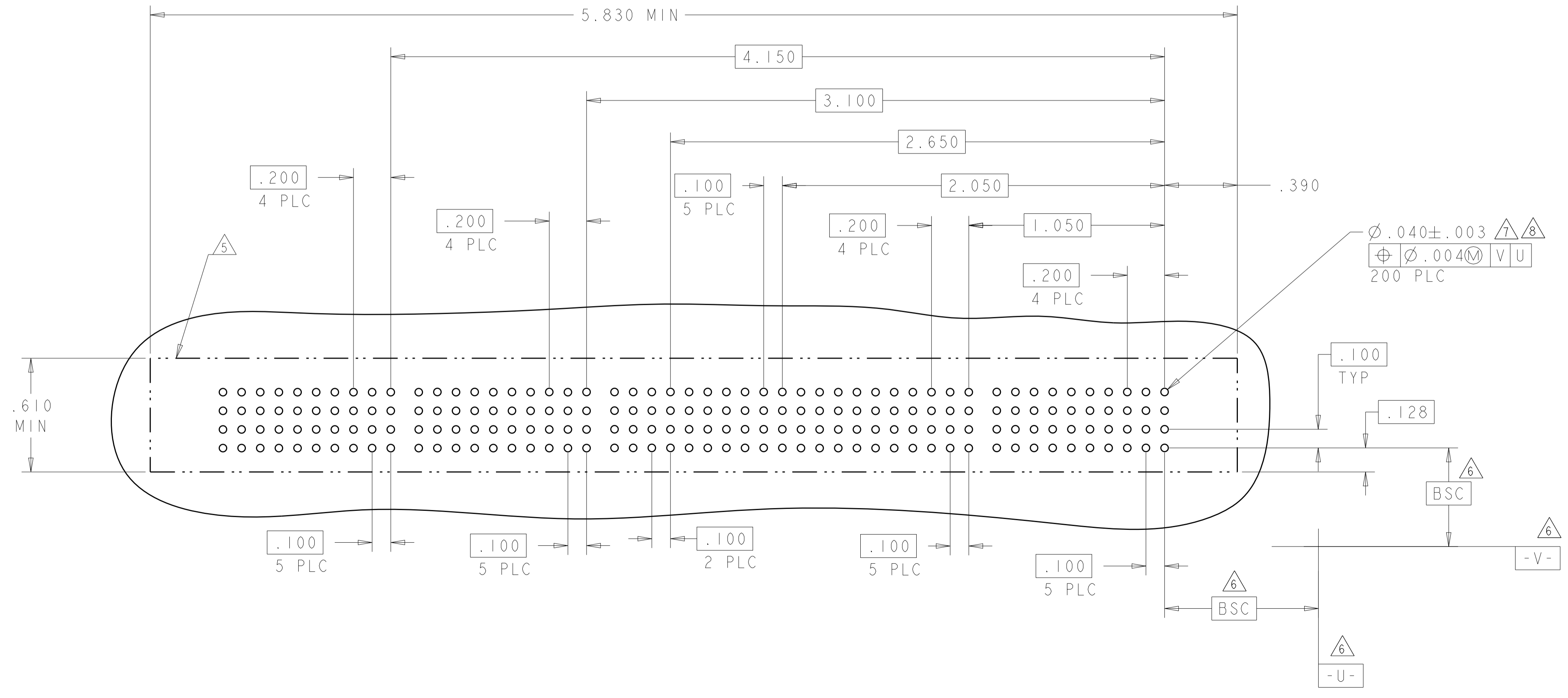
REV	DATE	BY	APPV	DESCRIPTION
1				SEE SHEET 1

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	SEE SHEET 1			



ASSY PART NUMBER	ROWS	POWER						SIGNAL						POWER											
		P12	P11	P10	P9	P8	P7	6	5	4	3	2	1	P6	P5	P4	P3	P2	P1						
4-6450550-5	D C B A	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS						
		AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS						
		AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS						
6P + 24S + 6P																									

PART NUMBER	ROWS	POWER												SIGNAL						POWER											
		P22	P21	P20	P19	P18	P17	P16	P15	P14	P13	P12	P11	6	5	4	3	2	1	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1		
3-6450550-2	D C B A	HS	HS	HS	HS	HS	HS	HS	HS	HP	HP	HP	HP	BP	BP	BP	BP	BP	BP	HP	HP	HP	HP	HP	HP	HS	HS	HP	HS		
		BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	HP	HP	HP	HP	HP	HP	HP	HP	HS	HS	HP	HS				
		BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	HP	HP	HP	HP	HP	HP	HP	HP	HS	HS	HP	HS				
		BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	HP	HP	HP	HP	HP	HP	HP	HP	HS	HS	HP	HS				
10P + 24S + 12P																															



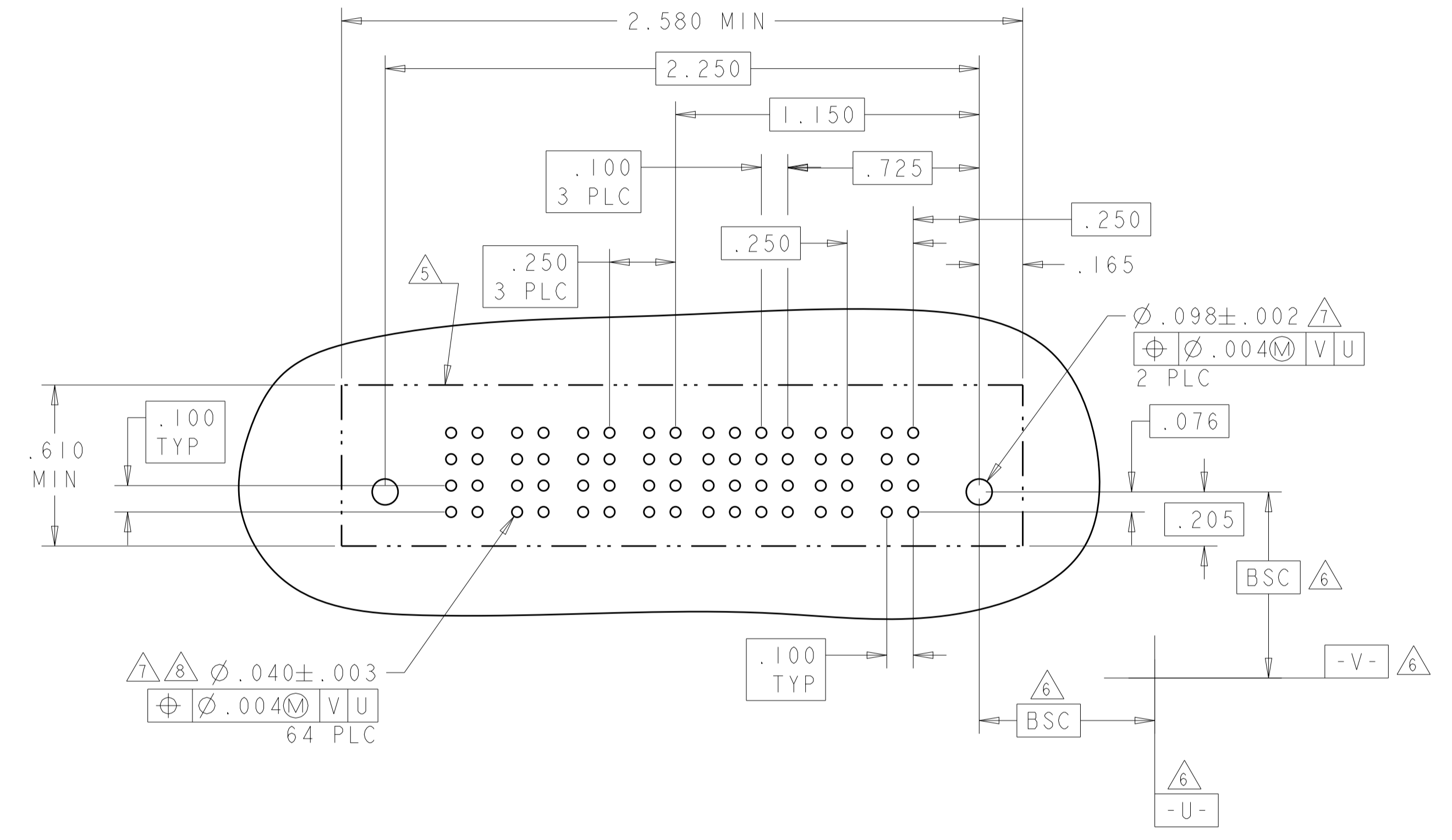
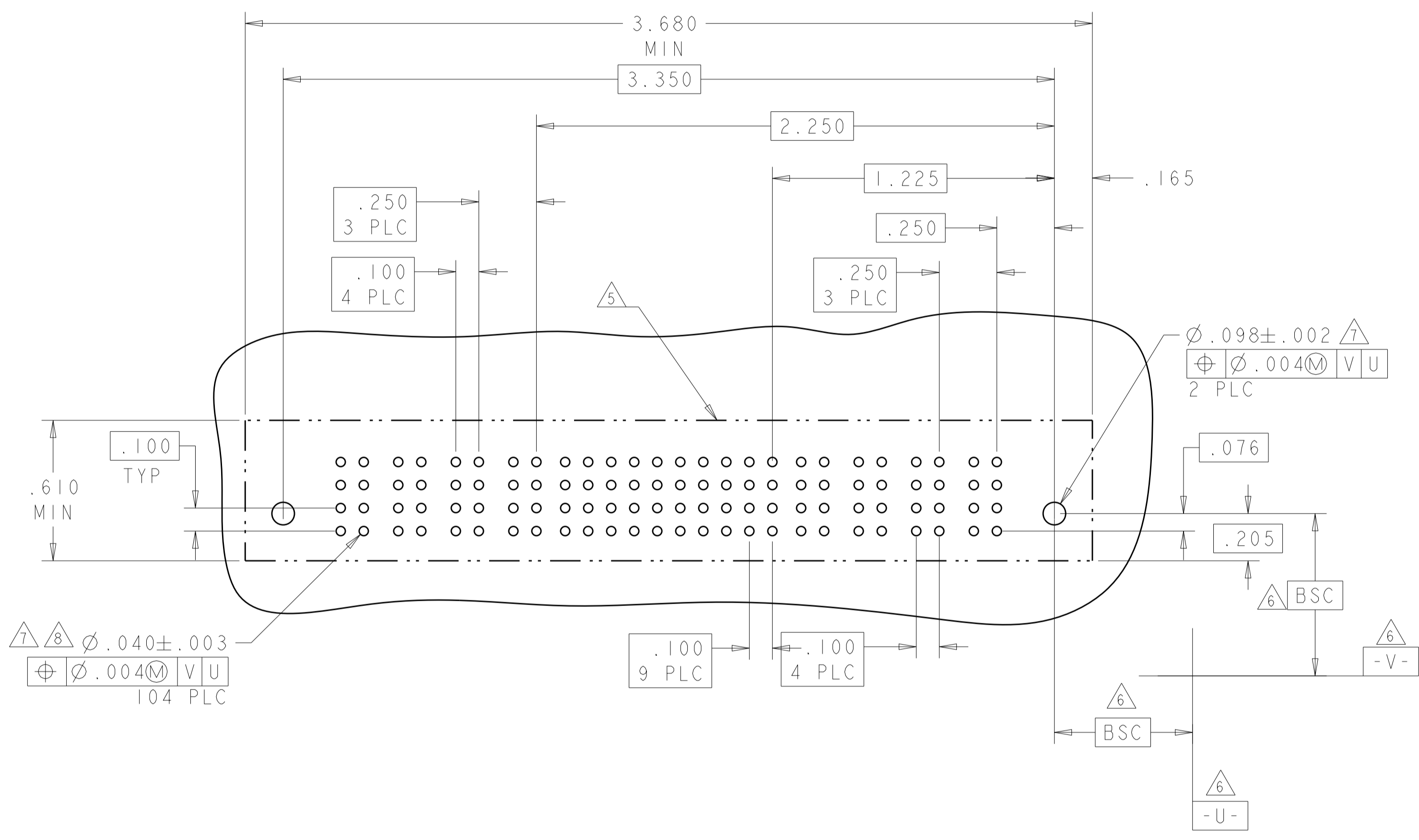
THIS DRAWING IS A CONTROLLED DOCUMENT.

DMN: R. GRZYBOWSKI	02MAY05	STE TE Connectivity
CHK: M. PERCHERKE	02MAY05	
APVD: M. PERCHERKE		NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL
DIMENSIONS: INCHES		PRODUCT SPEC: 108-1973
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC: 114-13038
0 PLC ± .01	1 PLC ± .01	SIZE: A1
2 PLC ± .01	3 PLC ± .01	CAGE CODE: 6450550
4 PLC ± .005	5 PLC ± .005	DRAWING NO: 6450550
6 PLC ± .002	ANGLES ± .020	SCALE: 1:1
MATERIAL: FINISH: *		SHEET: 9 OF 22
CUSTOMER DRAWING		REV: U1

LOC	DIST	REV	DATE	BY	APPV
ES	00				
		REVISIONS			
		DESCRIPTION	DATE	BY	APPV
		SEE SHEET 1			

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

PART NUMBER	ROWS	POWER				SIGNAL				POWER		
		P6	P5	P4	P3	4	3	2	1	P2	P1	
5-6450550-4	D C B A	○ HD	GS	GS	GP	GP	AP	AP	AP	AP	GP	GS
			GS	GS	GP	GP	AP	AP	AP	AP	GP	GS
			GS	GS	GP	GP	AP	AP	AP	AP	GP	GS
			GS	GS	GP	GP	AP	AP	AP	AP	GP	GS
2P + 16S + 4P												

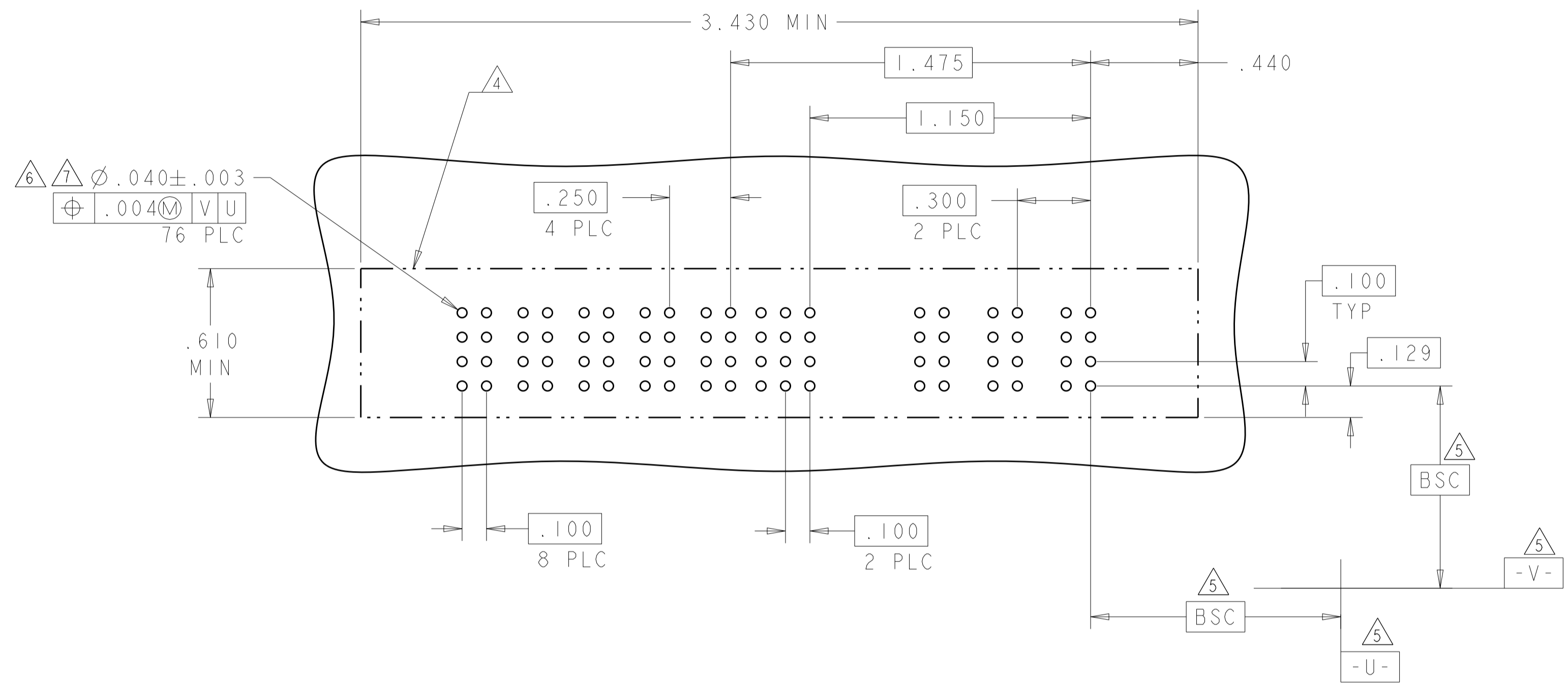


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 02MAY05	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 02MAY05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL
0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°		PRODUCT SPEC: 108-1973	SIZE: A1
MATERIAL: FINISH:		APPLICATION SPEC: 114-13038	CAGE CODE: 6450550
		WEIGHT:	RESTRICTED TO:
		CUSTOMER DRAWING	SCALE: 1:1 SHEET 11 OF 22 REV: U1

LOC	DIST	REVISIONS			
REV	DATE	DESCRIPTION	DATE	BY	APPV
ES	00	SEE SHEET 1			

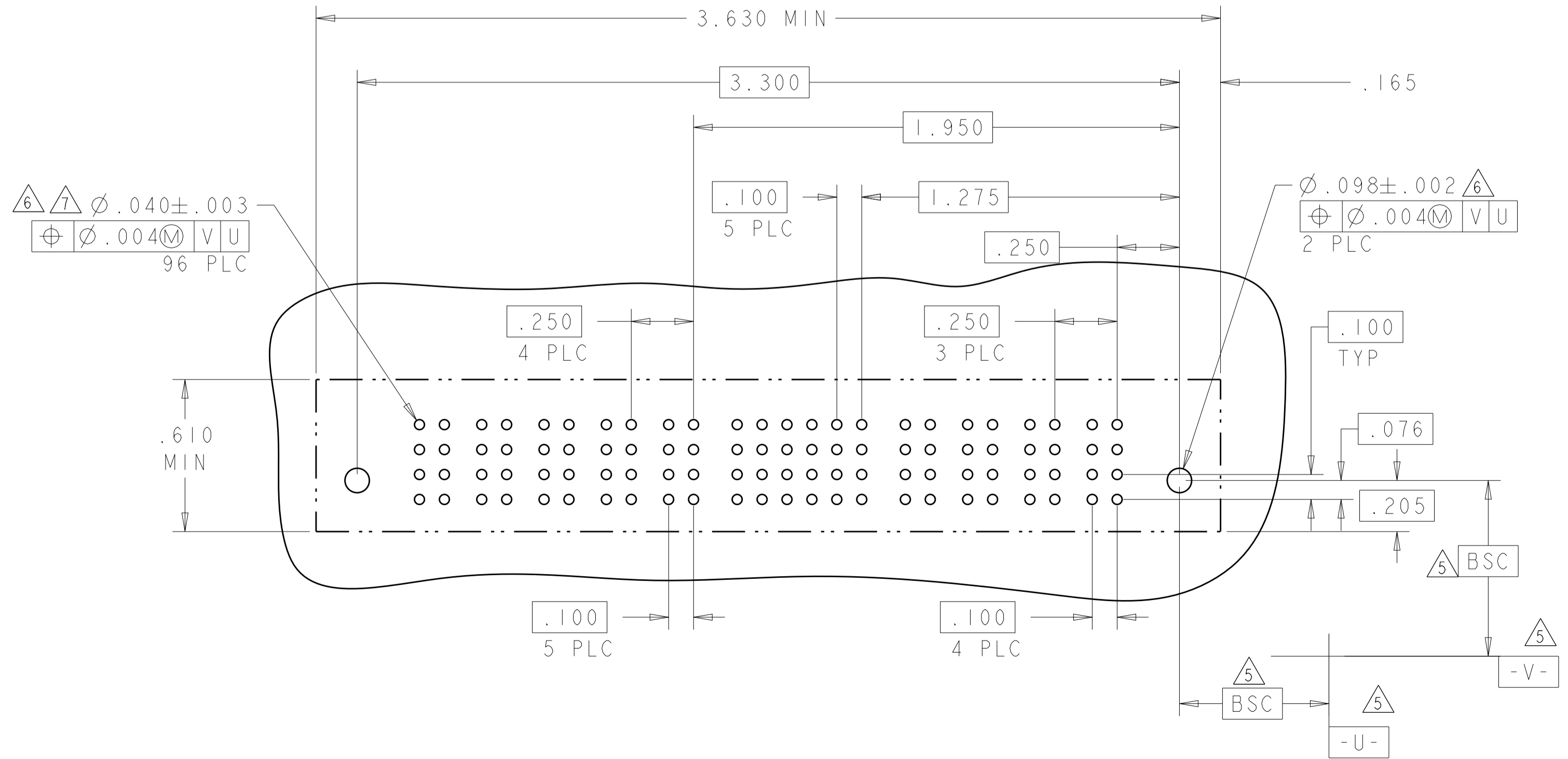
PART NUMBER	ROWS	POWER (L)					SIGNAL					POWER (R)				
		P8	P7	P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	
5-6450550-3	D	○	GP	GP	GP	GS	GS	AP	AP	AP			GP	GS	GS	○
	C							AP	AP	AP						
	B							AP	AP	AP						
	A							AP	AP	AP						
3ACP + 24S + 5P																

NO CONTACTS LOADED

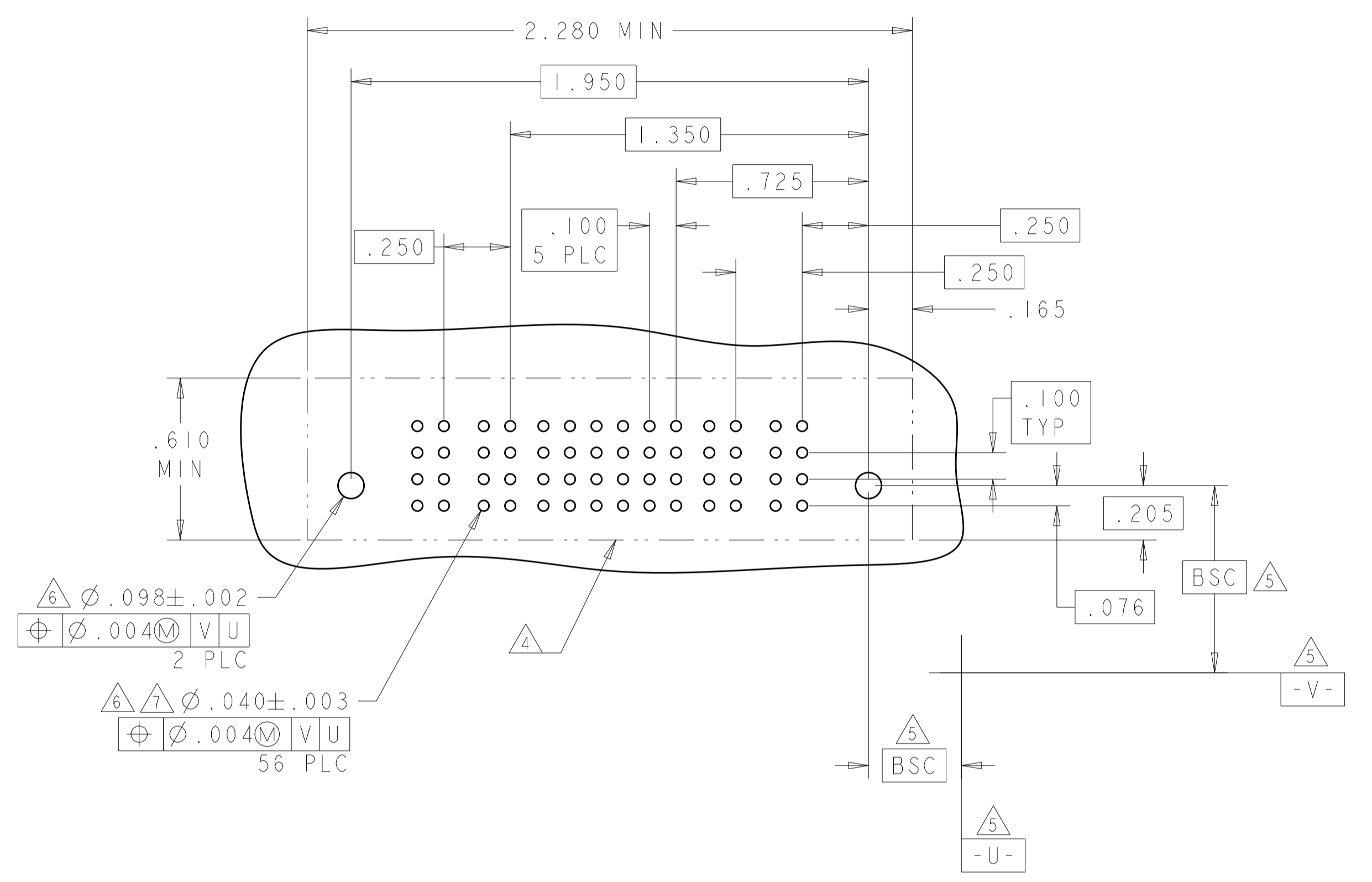


PART NUMBER	ROWS	POWER (L)					SIGNAL					POWER (R)				
		P9	P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1
5-6450550-5	D	○	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	GS	GS	GS	GS
	C							AP	AP	AP	AP	AP				
	B							AP	AP	AP	AP	AP				
	A							AP	AP	AP	AP	AP				
4P + 24S + 5P																

NO CONTACTS LOADED



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



THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: R. GRZYBOWSKI 02MAY05
CHK: M. PERCHERKE 02MAY05

STE TE Connectivity

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

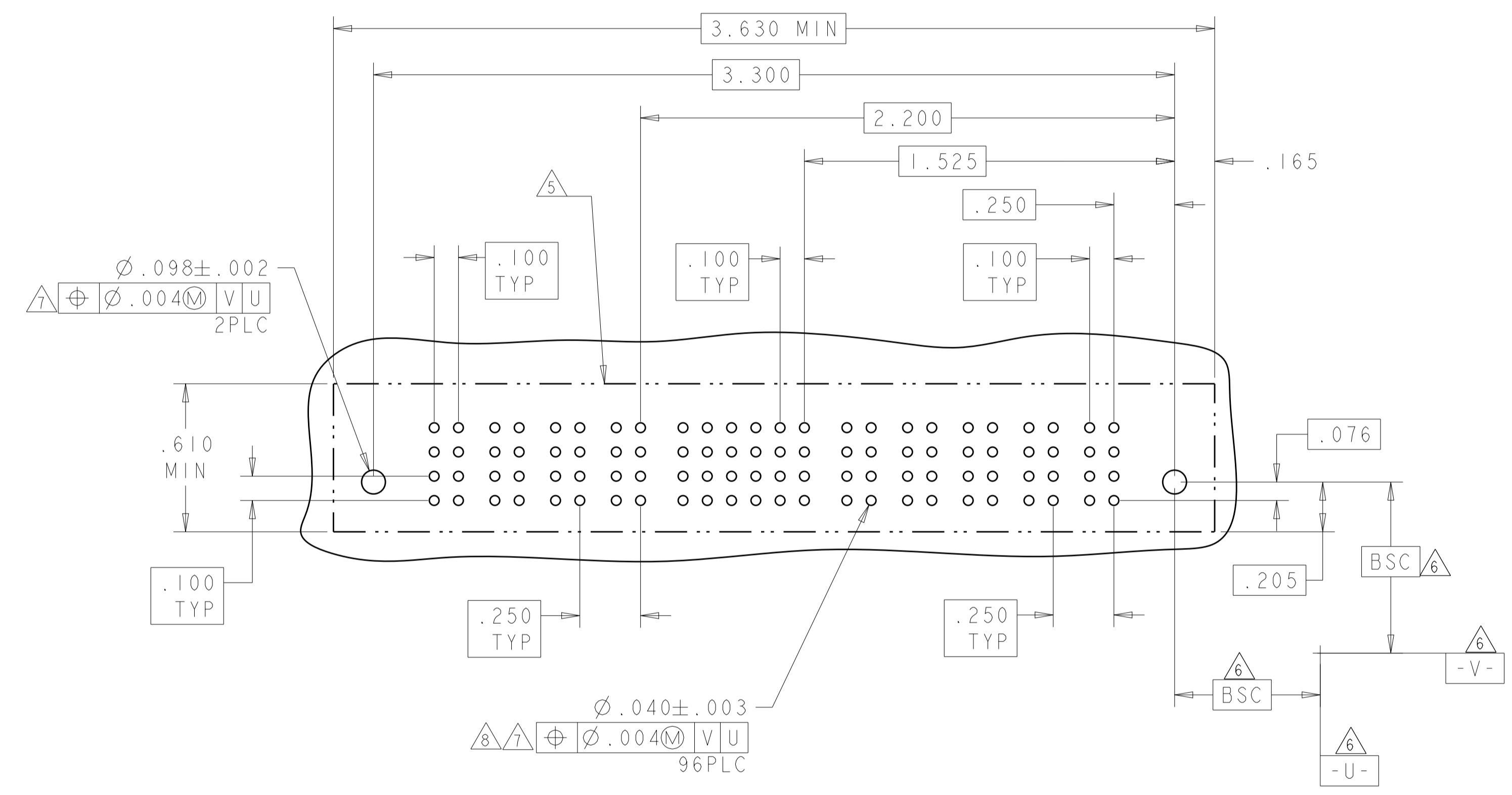
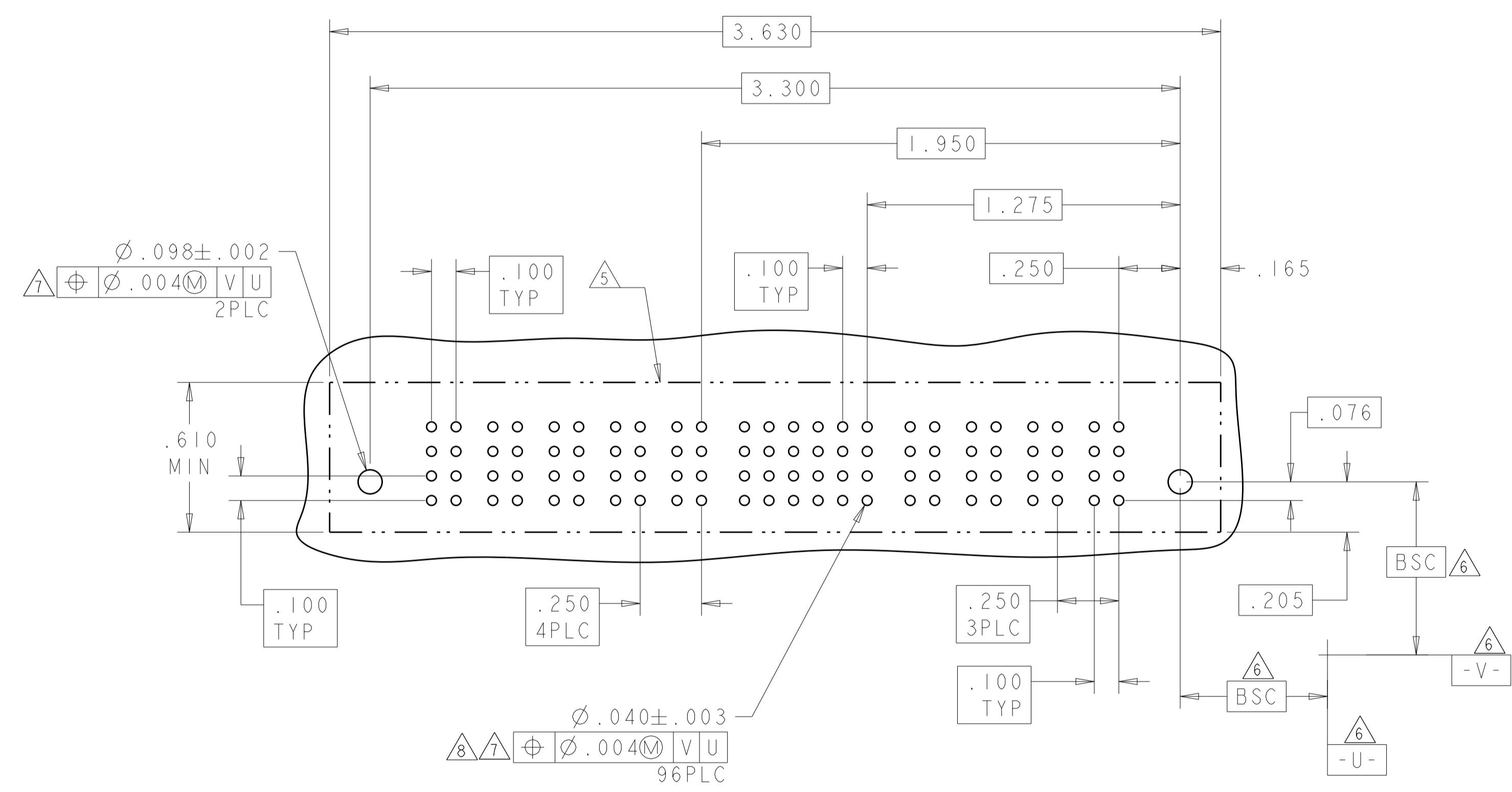
PRODUCT SPEC: 108-1973
APPLICATION SPEC: 114-13038

SIZE: A1 00779 C=6450550
SCALE: 1:1 SHEET 12 OF 22 REV: U1

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD
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	P1				
5-6450550-9	D C B A	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP
		HD														HD				
		4P + 24S + 5P																		

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

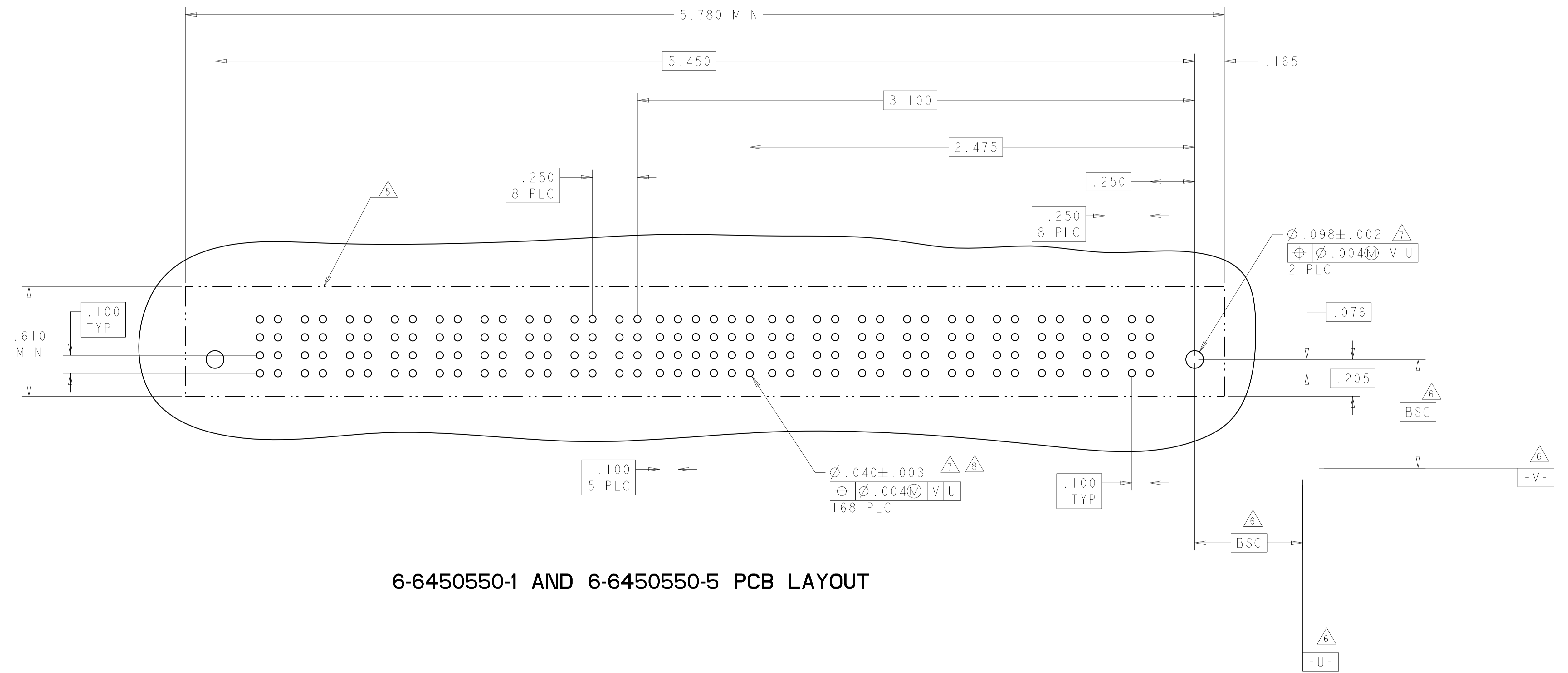
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.2°	DWN: R. GRZYBOWSKI 02MAY05 CHK: M. PERCHERKE 02MAY05 APVD: M. PERCHERKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL
MATERIAL:	FINISH:	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	SIZE: A1 CAGE CODE: 6450550 SCALE: 1:1 SHEET: 14 OF 22 REV: U1

CUSTOMER DRAWING

LOC		DIST		REVISIONS			
ES	00	REV	DATE	DESCRIPTION	DATE	BY	APPV
-	-	-	-	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	GS	GS	GP	GP	GP	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GP	GP	GP	GS	GS	
		GS	GS	GP	GP	GP	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GP	GP	GP	GS	GS	
		GS	GS	GP	GP	GP	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GP	GP	GP	GS	GS	
		GS	GS	GP	GP	GP	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GP	GP	GP	GS	GS	
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	
		GP	GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS	GS	GP		
		GP	GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS	GS	GP		
		GP	GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS	GS	GP		
9P + 24S + 9P																										

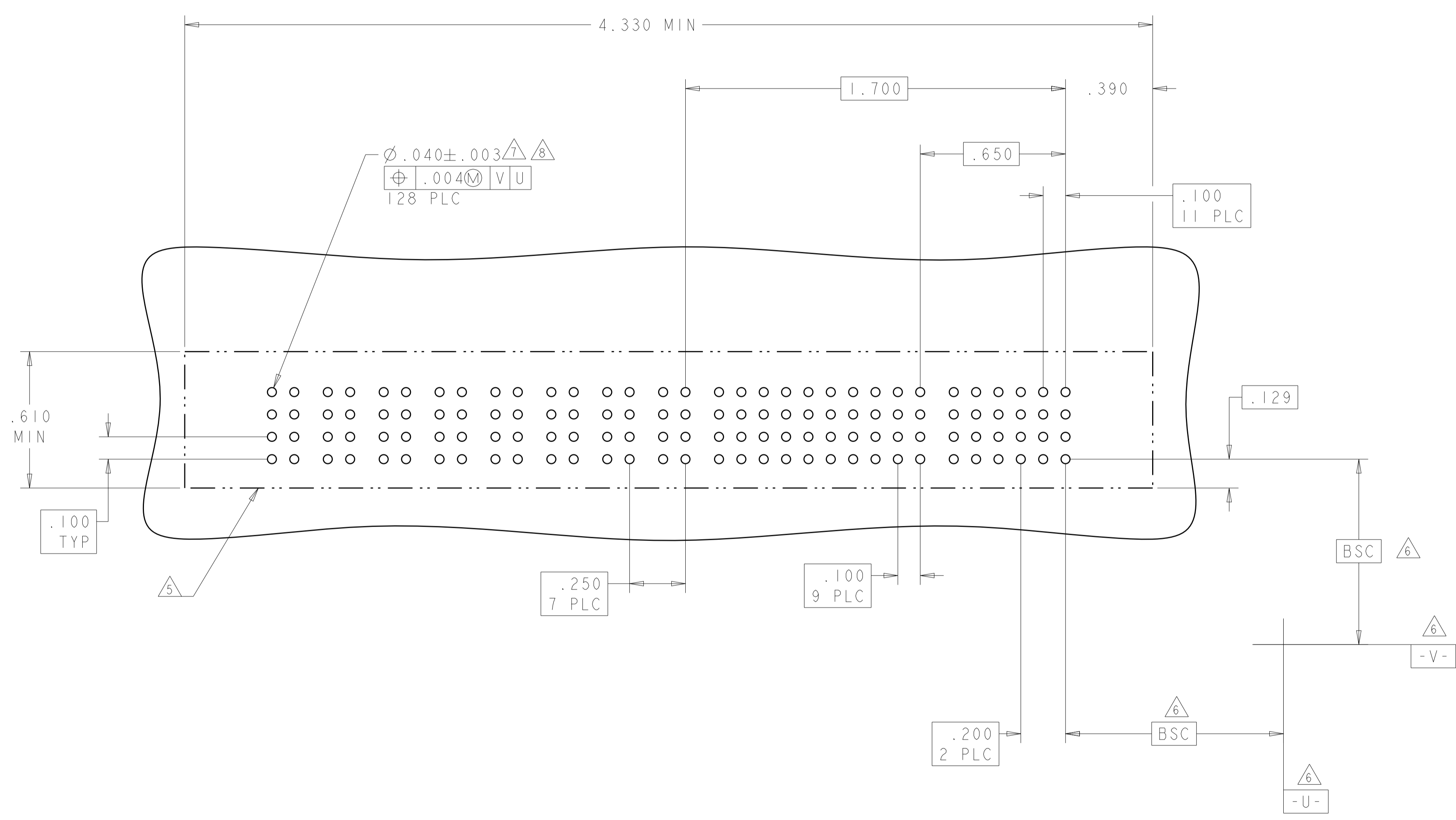


6-6450550-1 AND 6-6450550-5 PCB LAYOUT

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: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL
0 PLC ±.01		PRODUCT SPEC: 108-1973	SIZE: A1
1 PLC ±.01		APPLICATION SPEC: 114-13038	CAGE CODE: 6450550
2 PLC ±.005		WEIGHT: -	RESTRICTED TO: -
3 PLC ±.0020		FINISH: -	SCALE: 1:1
4 PLC ±.0020		CUSTOMER DRAWING	SHEET 15 OF 22
ANGLES: ±.0020			REV: U1

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

PART NUMBER	ROWS	POWER								SIGNAL								POWER					
		P11	P10	P9	P8	P7	P6	P5	P4	I0	9	8	7	6	5	4	3	2	1	P3	P2	P1	
6-6450550-2	D C B A	GS	GS	GS	GS	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GP	GS
		GS	GS	GS	GS	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GP	GS	
		GS	GS	GS	GS	GP	GP	GP	GP	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 02MAY05
 CHK: M. PERCHERKE 02MAY05
 APVD: M. PERCHERKE

TE Connectivity

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

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

SIZE: A1 00779 C=6450550
 SCALE: 1:1 SHEET 16 OF 22 REV U1

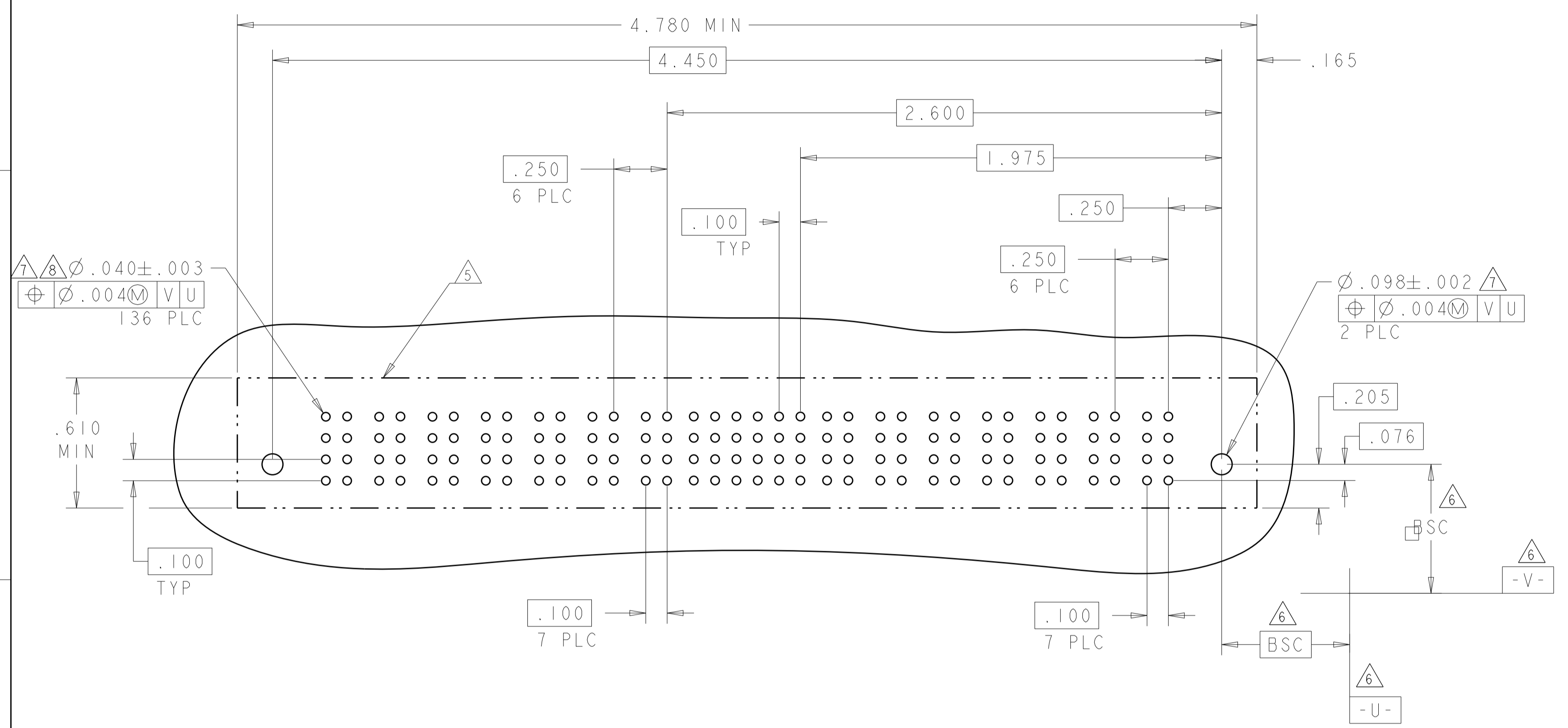
MATERIAL: CUSTOMER DRAWING

RESTRICTED TO: -

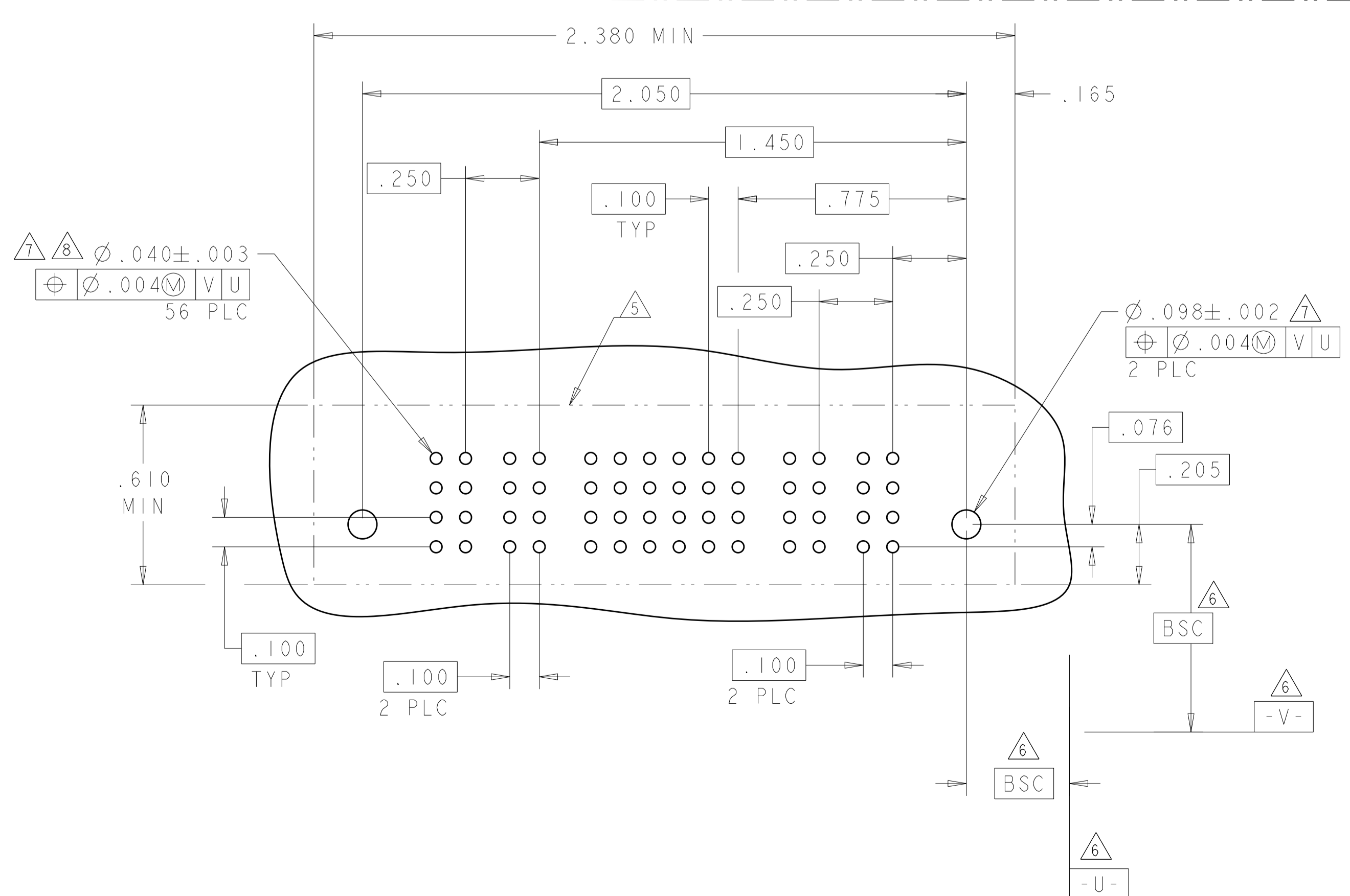
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ES	00	P	LTN	DESCRIPTION	DATE	OWN	APVD
				SEE SHEET 1			

PART NUMBER	ROWS	POWER						SIGNAL						POWER							
		P14	P13	P12	P11	P10	P9	P8	1	2	3	4	5	6	P7	P6	P5	P4	P3	P2	P1
6-6450550-3	D C B A	GP	GP	GP	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GP	GP	GP
									AP	AP	AP	AP	AP	AP							
									AP	AP	AP	AP	AP	AP							
7P + 24S + 7P		HD		HD																	

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



REMARK:
 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	GS	GP	AP	AP	AP	AP	AP	AP	AP	GS	GP
				AP	AP	AP	AP	AP	AP			
				AP	AP	AP	AP	AP	AP			
2P + 24S + 2P		HD		HD								

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: R.GRZYBOWSKI 02MAY05
 CHK: M.PERCHEKKE 02MAY05
 APVD: M.PERCHEKKE

STE TE Connectivity

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

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

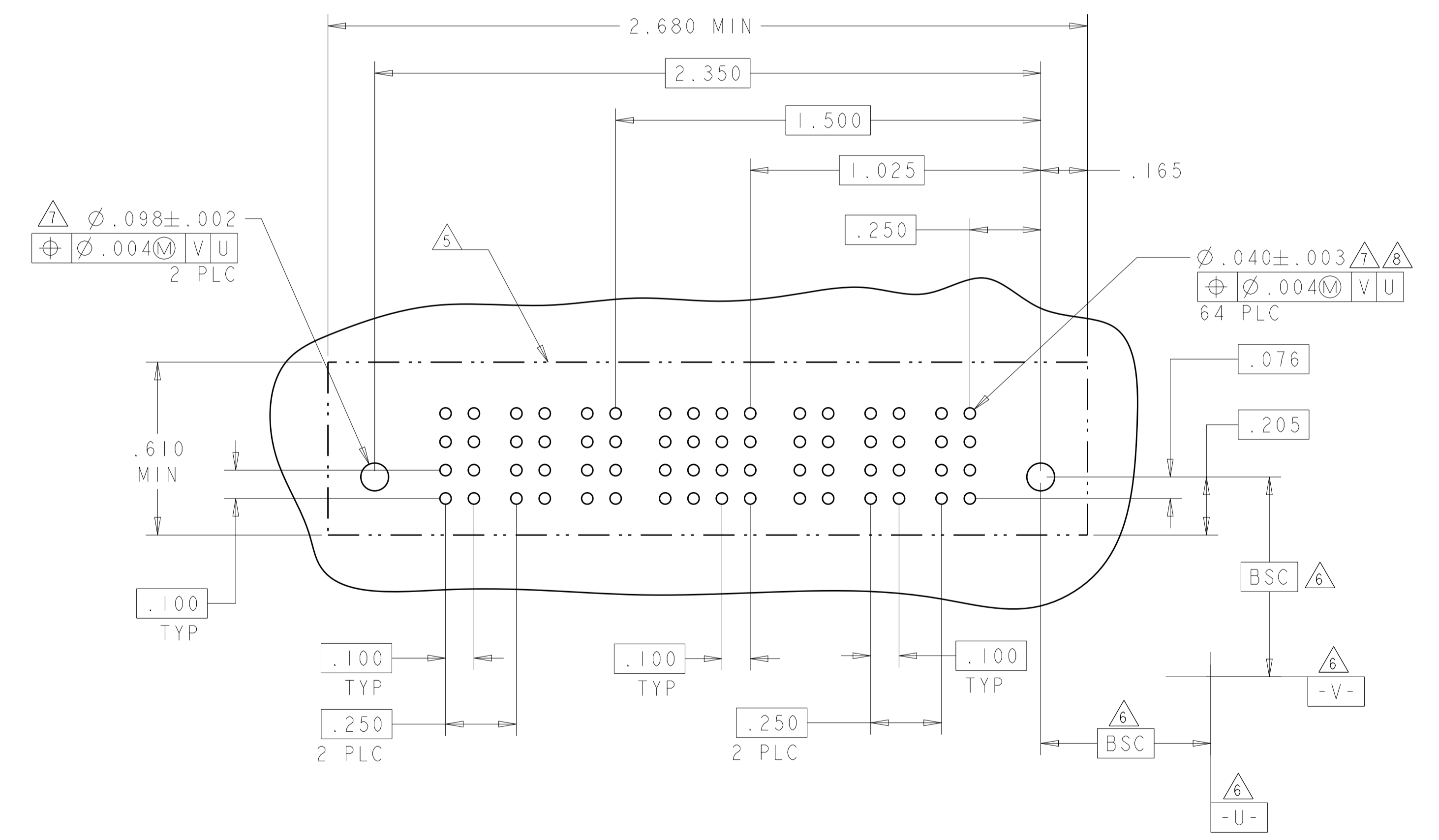
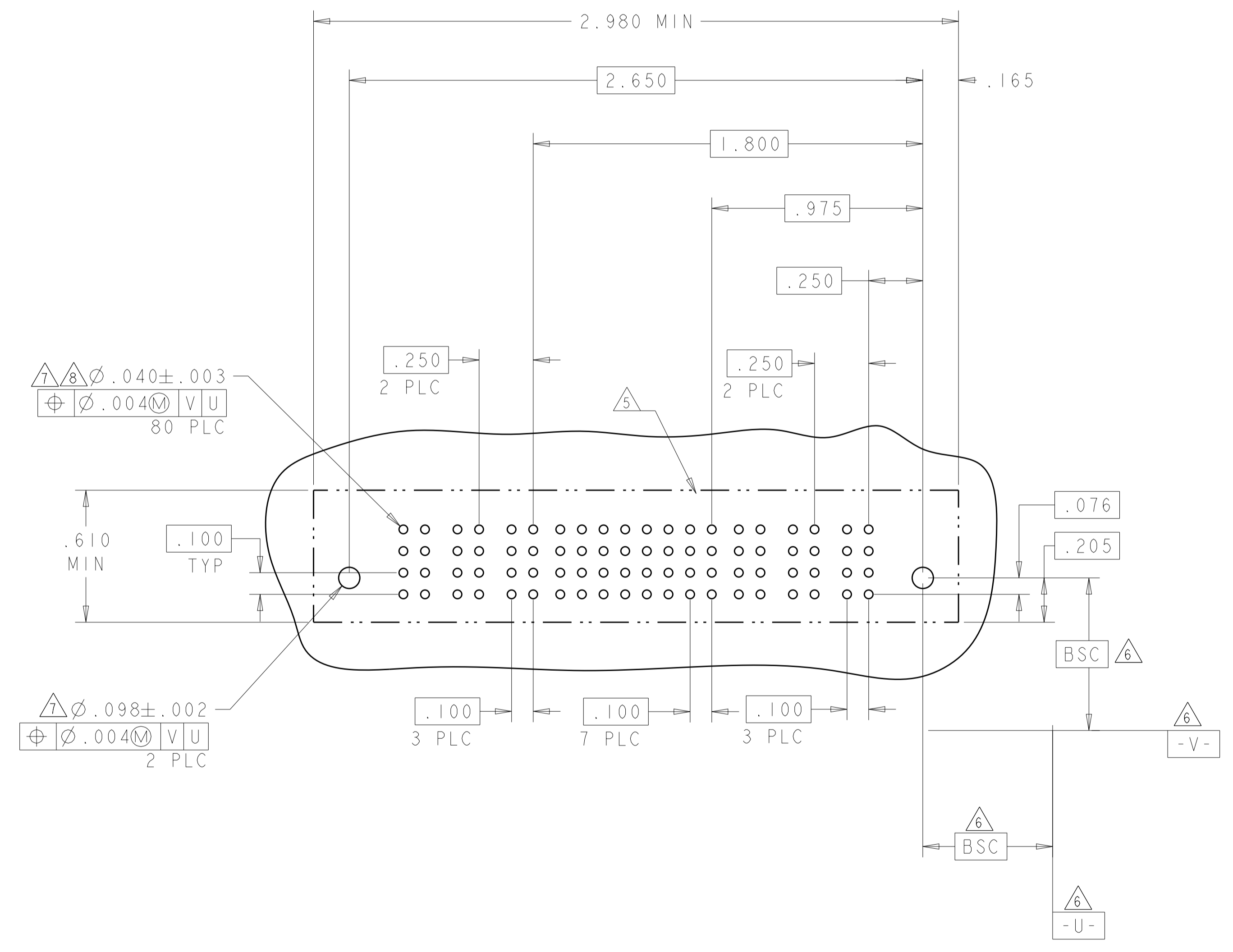
SIZE: A1 CAGE CODE: 6450550 DRAWING NO: 100779
 WEIGHT: -

CUSTOMER DRAWING SCALE: 1:1 SHEET 17 OF 22 REV: U

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	OWN	APVD
ES	00	SEE SHEET 1			

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

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	GP	GP	GP
	C				AP	AP	AP	AP	GP	GP	GP
	B				AP	AP	AP	AP	GP	GP	GP
	A				AP	AP	AP	AP	GP	GP	GP
3P + 16S + 3P											



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

TE Connectivity

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

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

SIZE: A1
 CAGE CODE: 100779
 DRAWING NO: 6450550

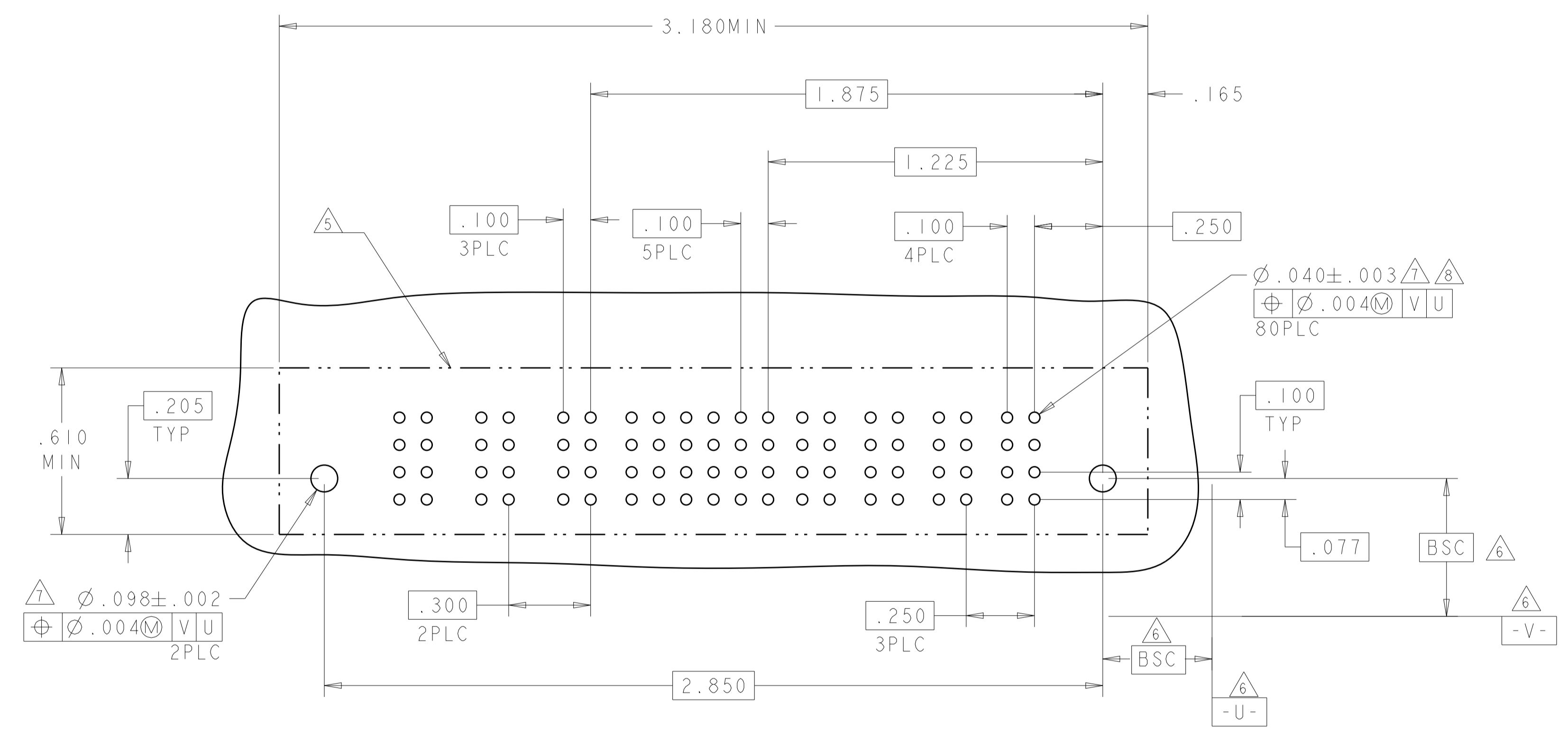
RESTRICTED TO: -

CUSTOMER DRAWING

SCALE: 1:1 SHEET 18 OF 22 REV: U1

LOC	DIST	REV	DATE	BY	APPD
ES	00				
		DESCRIPTION	DATE	BY	APPD
		SEE SHEET 1			

PART NUMBER	ROWS	POWER	SIGNAL					POWER						
			P7	P6	P5	6	5	4	3	2	1	P4	P3	P2
7-6450550-0	D C B A	VS VS VP	P	P	P	P	P	P	P	P	VS	VS	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				
4P + 24S + 3ACP														



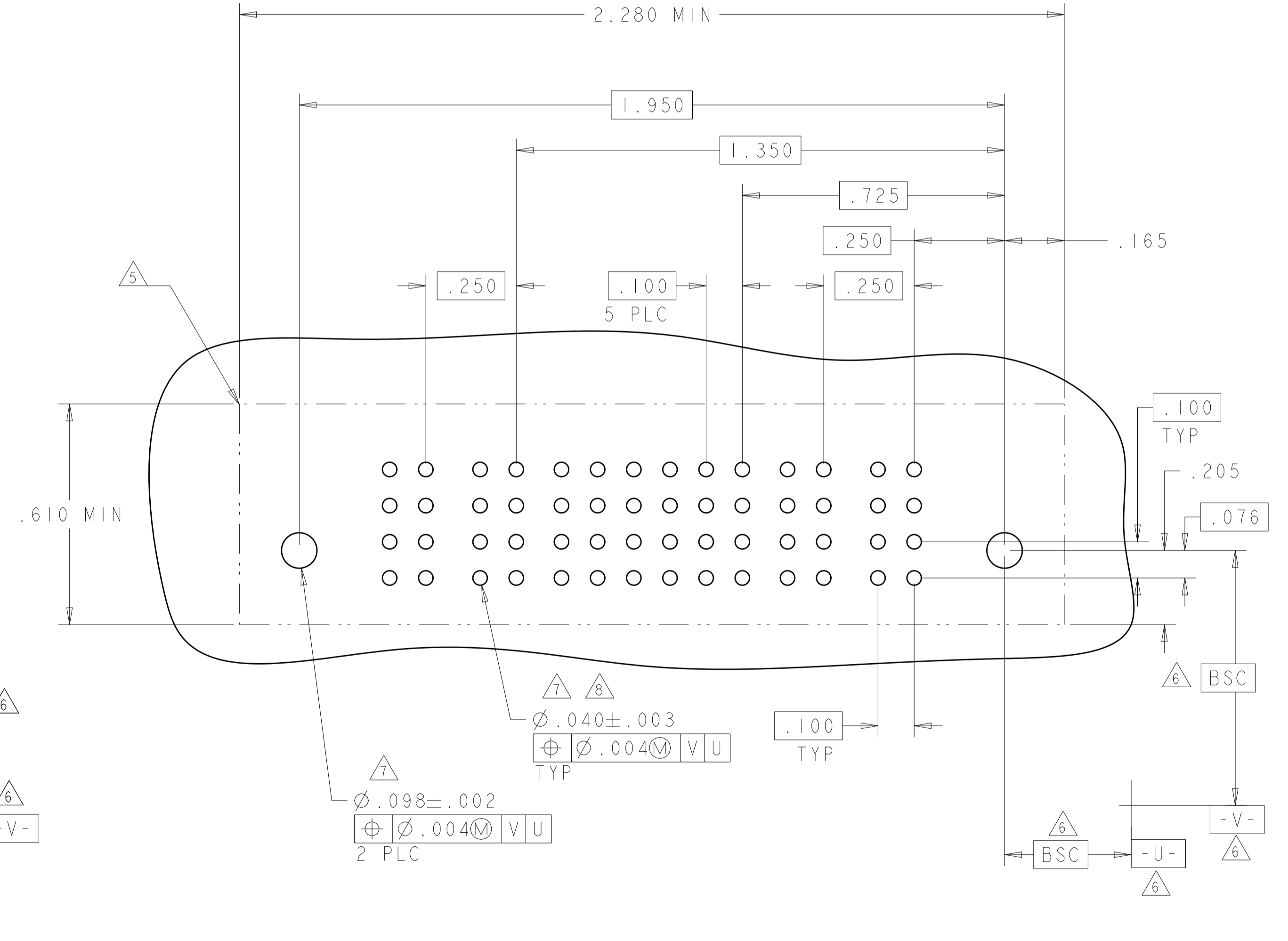
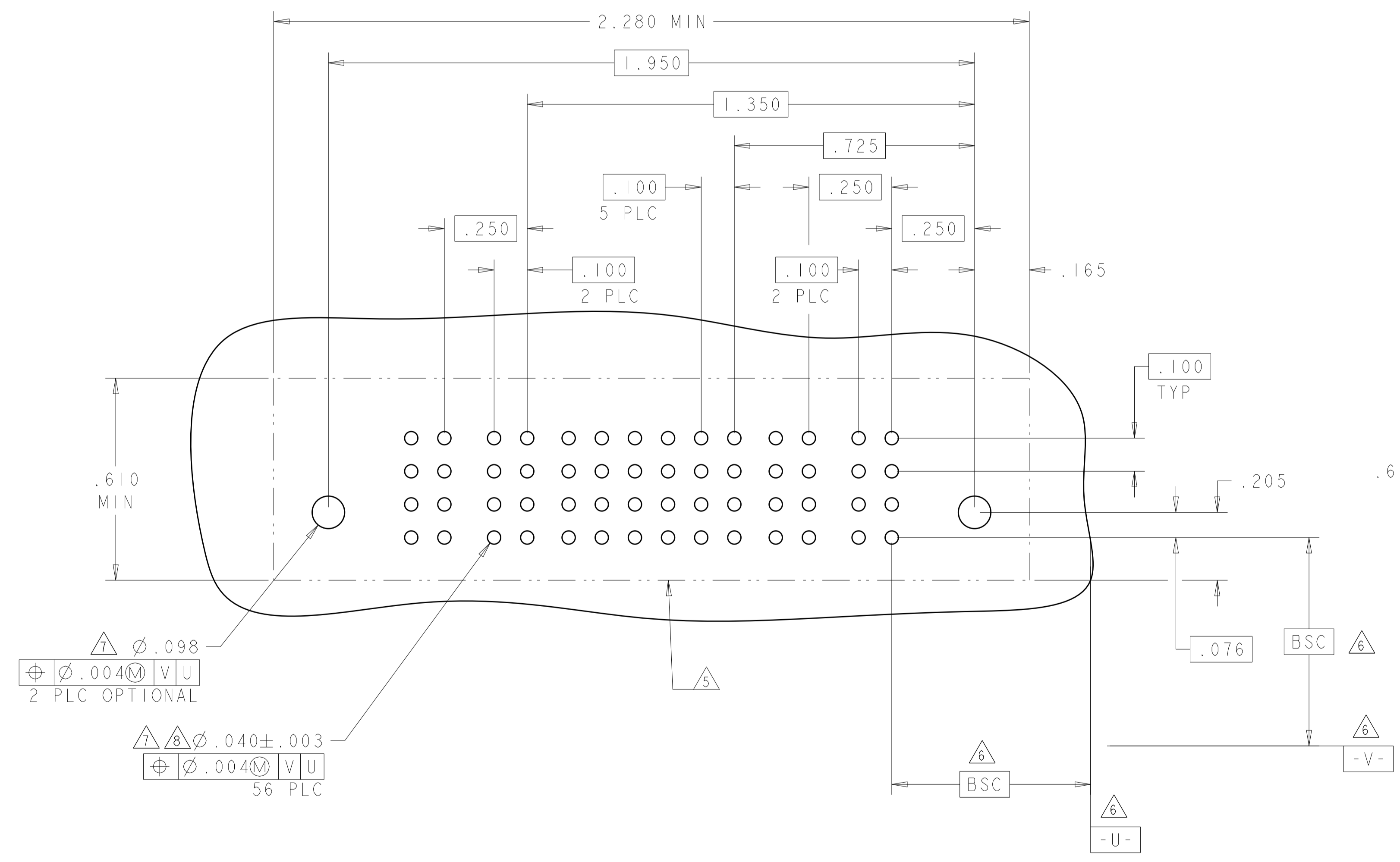
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 02MAY05	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 02MAY05	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° FINISH		APVD: M. PERCHERKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL
MATERIAL		PRODUCT SPEC: 108-1973	SIZE: A1
		APPLICATION SPEC: 114-13038	CAGE CODE: 6450550
		WEIGHT: -	RESTRICTED TO: -
		CUSTOMER DRAWING	SCALE: 1:1 SHEET 19 OF 22 REV: U1

LOC	DIST	REV	DATE	BY	APPD
ES	00				
REVISIONS			DESCRIPTION	DATE	BY
			SEE SHEET 1		

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

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

T7



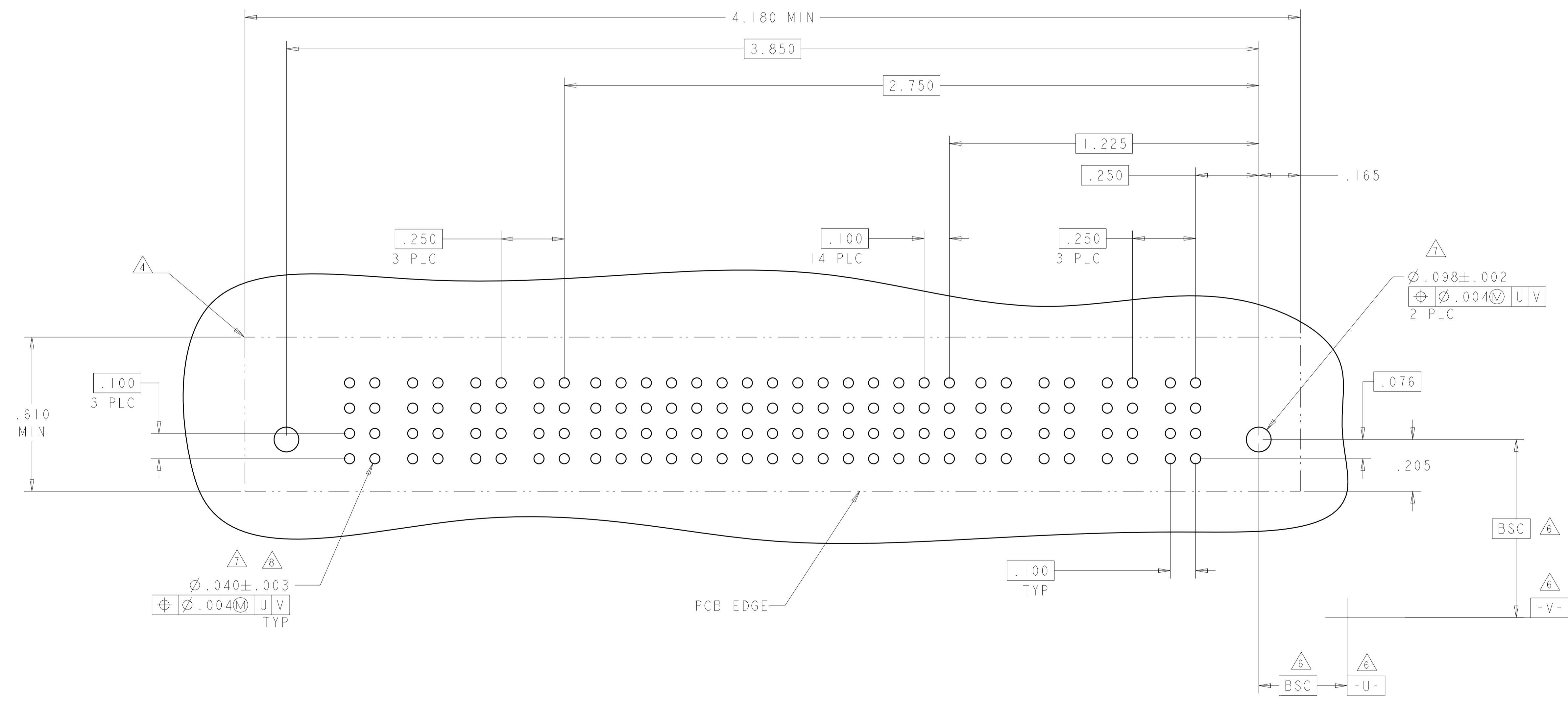
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DRN: R.GRZYBOWSKI 02MAY05	CHK: M.PERCHEKKE 02MAY05
INCHES	0 PLC ±.01 2 PLC ±.01 3 PLC ±.01 4 PLC ±.005 ANGLES ±.020	APVD: M.PERCHEKKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL
MATERIAL:	FINISH:	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038
CUSTOMER DRAWING		SIZE: A1	CAGE CODE: 6450550
		SCALE: 1:1	SHEET 20 OF 22

4805 (3/11)

LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD		
-	-	SEE SHEET 1	-	-	-		

PART NUMBER	ROWS	POWER				SIGNAL														POWER												
		P8	P7	P6	P5	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P4	P3	P2	P1								
7-6450550-2	D C B A	GS	GP	GS	GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	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	AP	AP	AP					AP	
						AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP					AP	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																																



THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: B. GRZYBOWSKI 02MAY05
 CHK: M. PERCHERKE 02MAY05
 APVD: M. PERCHERKE

TE Connectivity

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

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

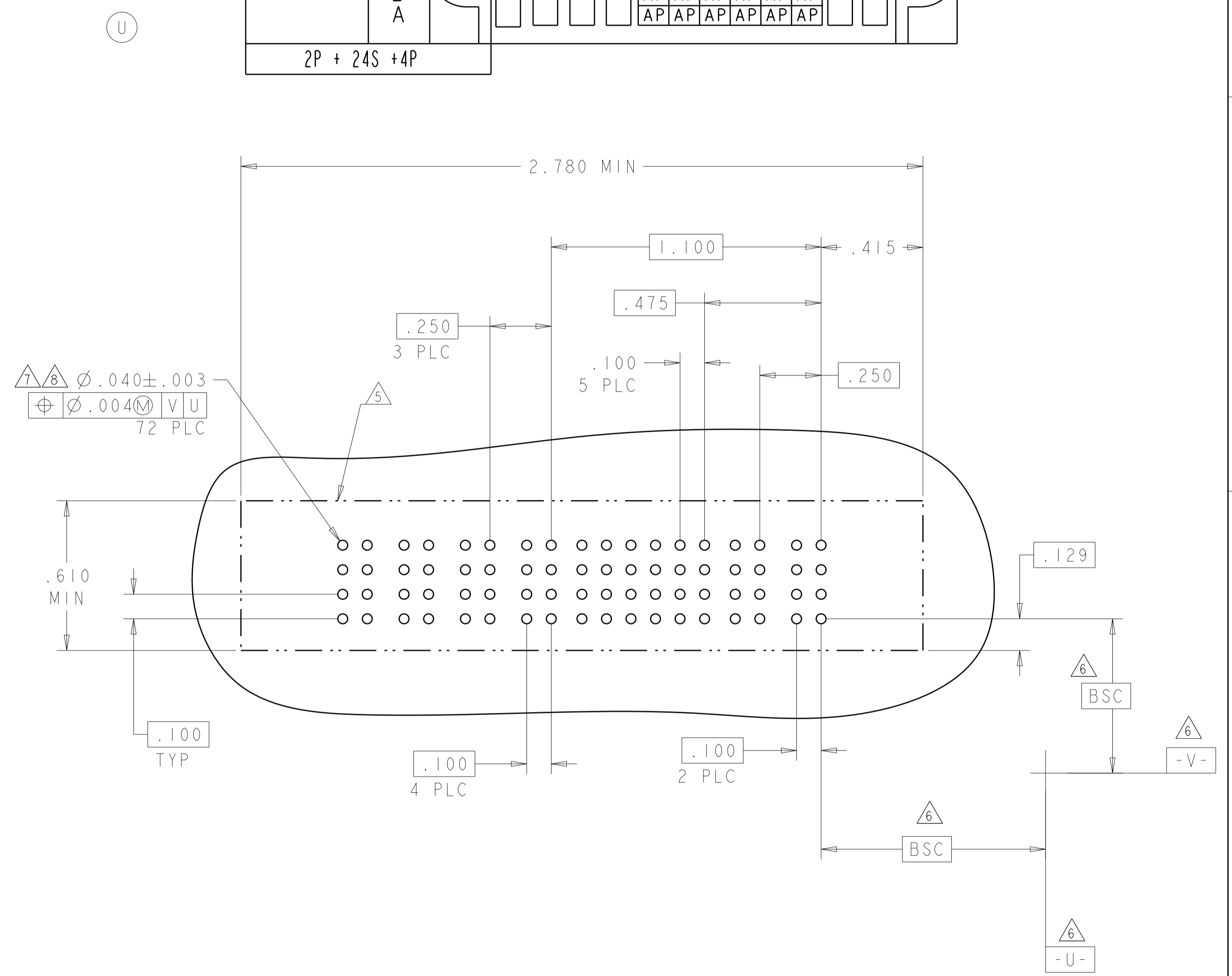
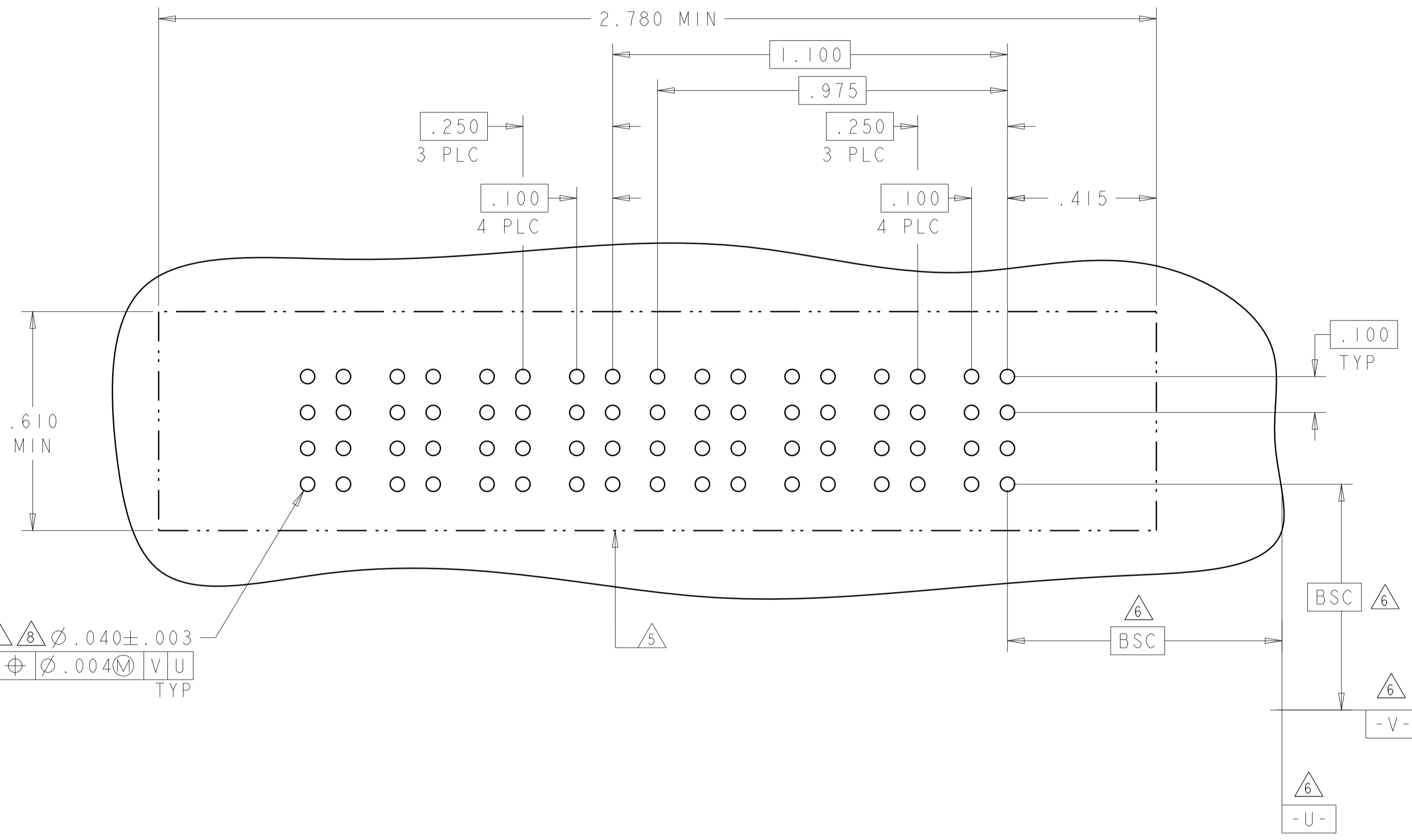
SIZE: A1 00779 C=6450550
 SCALE: 1:1 SHEET 21 OF 22 REV: U1

CUSTOMER DRAWING

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	SEE SHEET 1			

PART NUMBER	ROWS	POWER				SIGNAL	POWER			
		P8	P7	P6	P5	I	P4	P3	P2	PI
4-6450550-2	D C B A	GS	GS	GS	GS	AP	GS	GS	GS	GS
						AP				
						AP				
4P + 4S + 4P										

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 02MAY05	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 02MAY05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, MULTI-BEAM XL
0 PLC ± .01		PRODUCT SPEC: 108-1973	SIZE: A1
1 PLC ± .01		APPLICATION SPEC: 114-13038	CAGE CODE: 6450550
2 PLC ± .01		WEIGHT: -	RESTRICTED TO: -
3 PLC ± .005		CUSTOMER DRAWING	SCALE: 1:1
4 PLC ± .002			SHEET 22 OF 22
ANGLES: ± 2°			REV: U1
FINISH: -			