



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

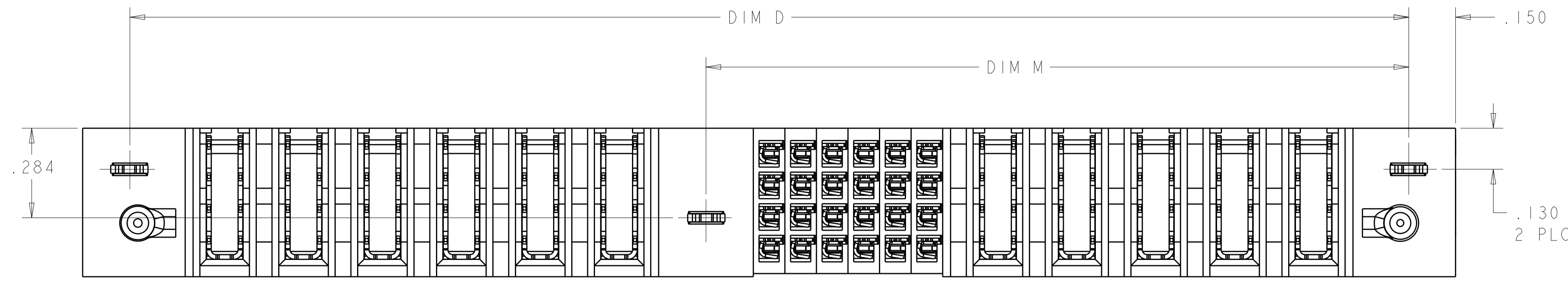
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

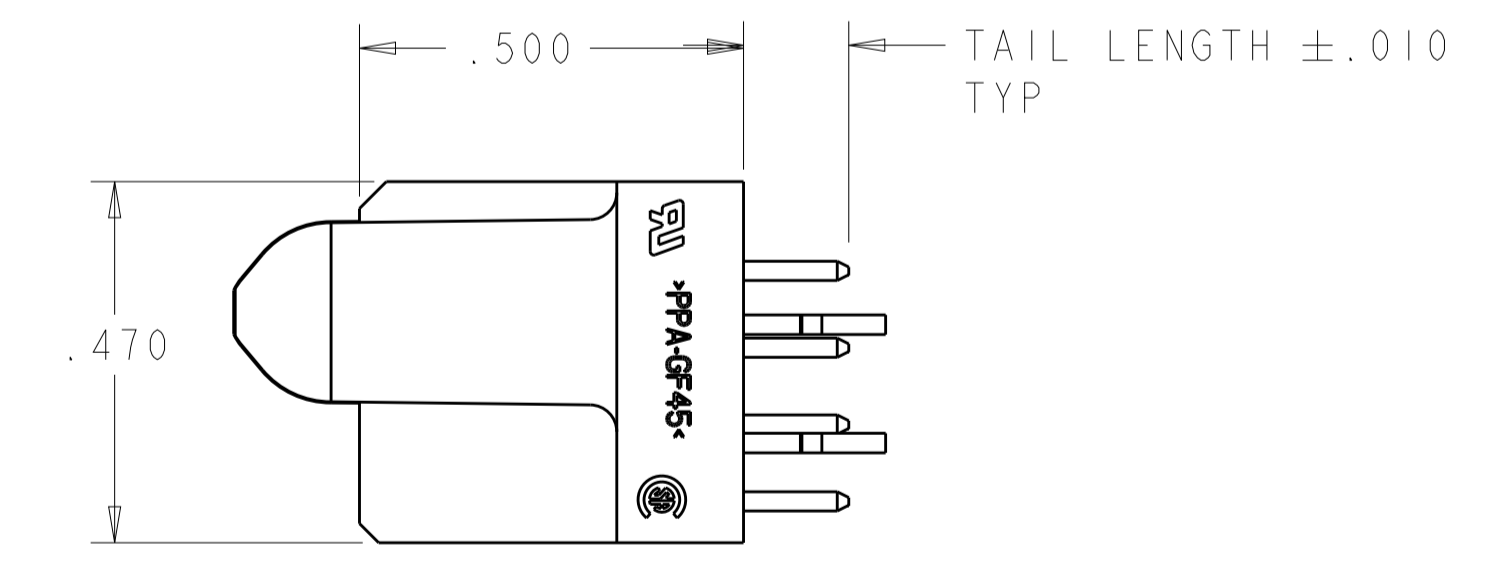
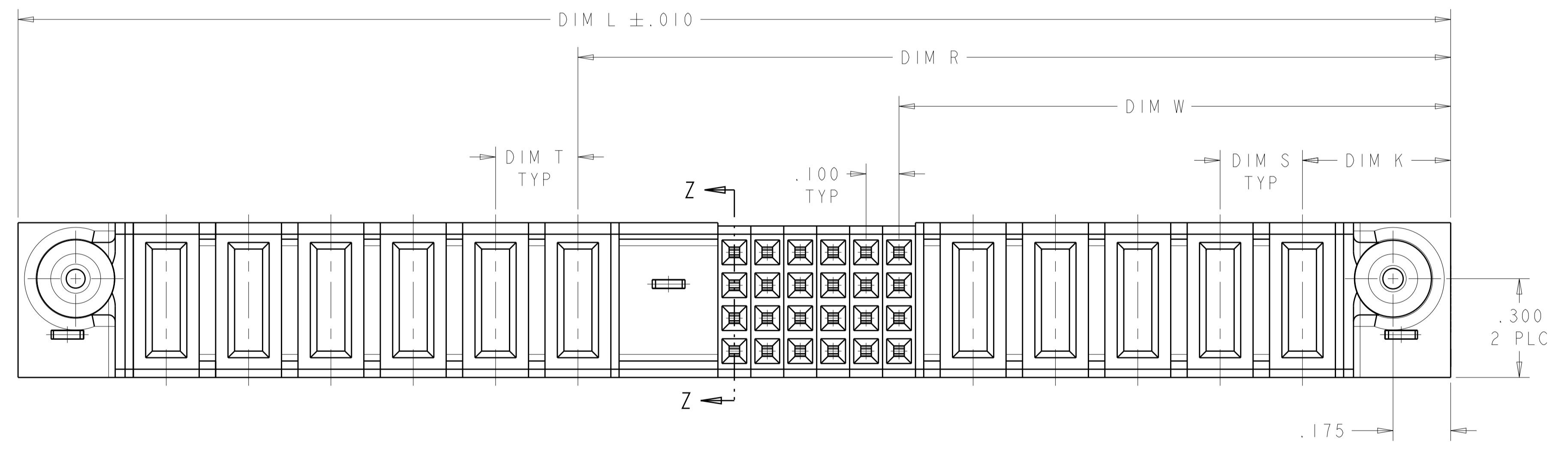
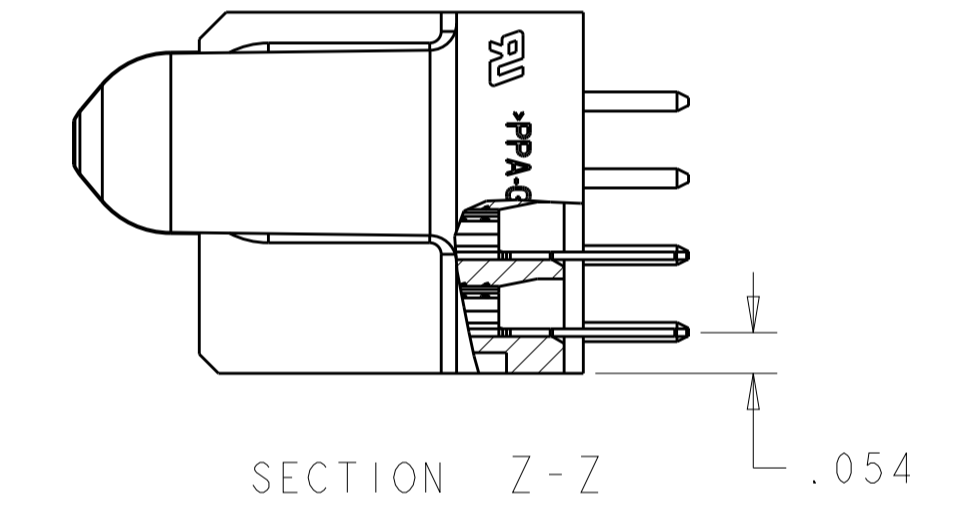
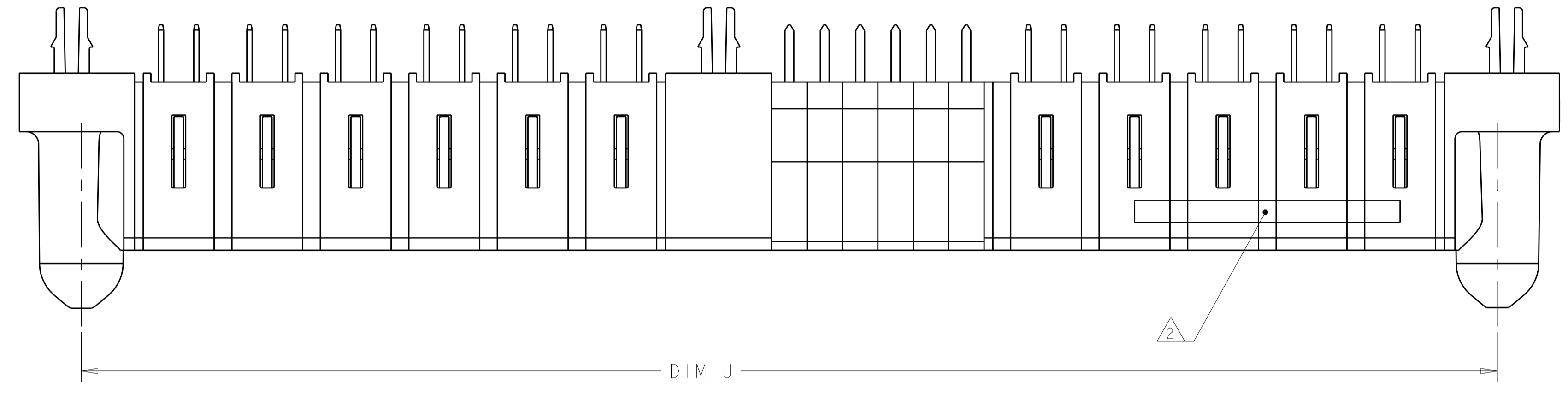
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	E1		ADD 3-6450140-4	02APR2011	OL	SZ
		E2		REV PER ECR-11-008606	29APR2011	OL	SZ
		E3		ADDED NEW DASH NUMBER 3-5 AND 3-6	09MAR2012	CZ	SZ
		E4		REVISED	23APR2012	CZ	SZ



- 1 OPTIONAL CENTER MODULE, WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE
- 2 "AMP", TRADEMARK, PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN.
- 3 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
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 Cu PLATING TO ACHIEVE A .040 HOLE


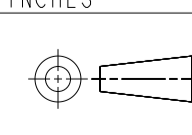


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R.GRZYBOWSKI 15FEB05	TE Connectivity
DIMENSIONS: INCHES		CHK: M.PERCHEKKE 15FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M.PERCHEKKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC ±.01	1 PLC ±.01	PRODUCT SPEC: 108-1973	SIZE: A1
2 PLC ±.005	3 PLC ±.005	APPLICATION SPEC: 114-13038	CAGE CODE: C=6450140
4 PLC ±.0020	ANGLES ±.7°	WEIGHT: -	RESTRICTED TO: -
MATERIAL: -	FINISH: -	CUSTOMER DRAWING	SCALE: 2:1 SHEET 1 OF 11 REV: E4

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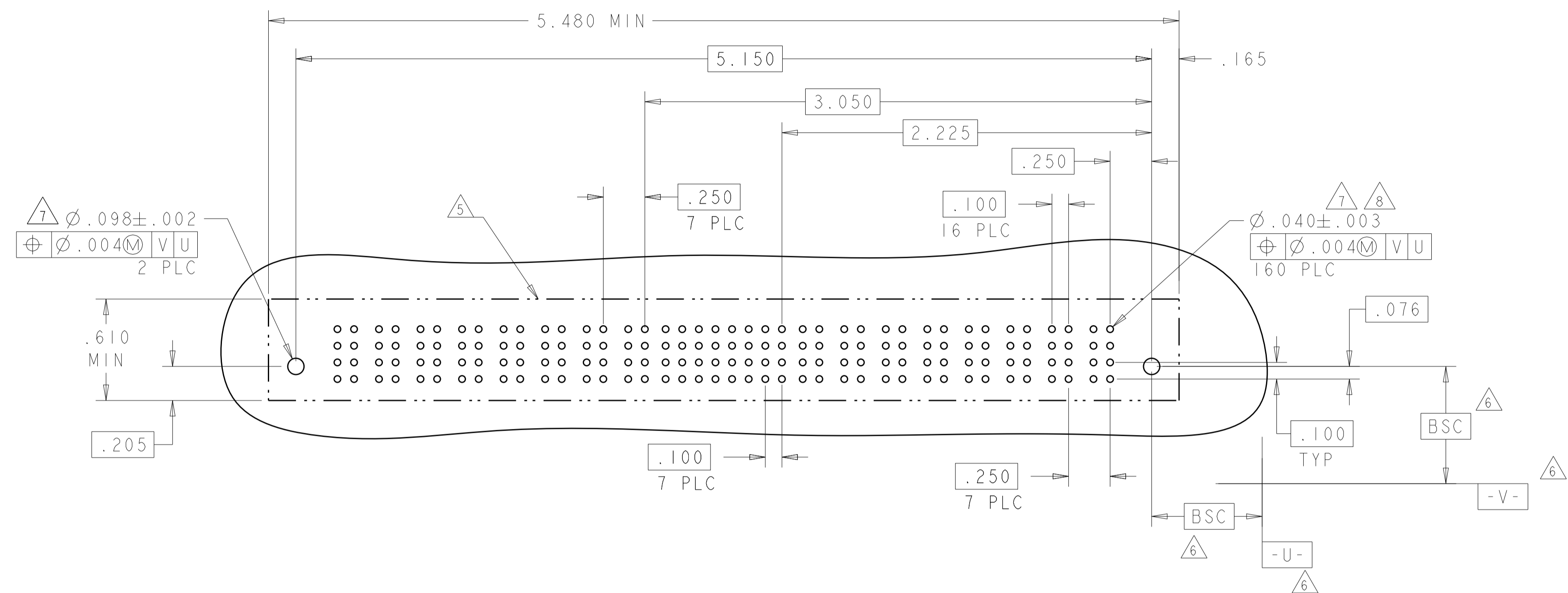
LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	APVD
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1.575	-	-	1.425	.700	1.625	-	1.925	.475	1P + 24S + 1P	3-6450140-6
1.575	-	-	1.425	.700	1.625	-	1.925	.475	1P + 24S + 1P	3-6450140-5
2.700	.250	.250	2.100	1.125	2.750	-	3.050	.450	3P + 36S + 3P	3-6450140-4
3.200	.250	.250	2.350	1.375	3.250	-	3.550	.450	4P + 36S + 4P	3-6450140-1
3.500	.250	.250	2.150	1.875	3.550	-	3.850	.450	6P + 8S + 6P	3-6450140-0
2.500	.250	.250	1.650	1.375	2.550	-	2.850	.450	4P + 8S + 4P	2-6450140-9
2.900	.250	.250	2.050	1.375	2.950	-	3.250	.450	4P + 24S + 4P	2-6450140-8
2.400	.250	.250	2.050	1.375	2.450	-	2.750	.450	4P + 24S + 2P	2-6450140-7
3.700	.300	.200	2.700	2.025	3.750	-	4.050	.450	8P + 24S + 4ACP	2-6450140-6
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	2-6450140-5
1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	2-6450140-0
2.600	.200	.200	1.900	1.225	2.650	-	2.950	.450	4HDP + 24S + 4HDP	1-6450140-9
1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	1-6450140-8
4.500	.250	.250	2.900	2.125	4.550	-	4.850	.450	7P + 28S + 7P	1-6450140-3
4.250	.250	.250	2.650	1.875	4.300	-	4.600	.450	6P + 28S + 7P	1-6450140-2
2.800	.250	.250	1.950	1.375	2.850	-	3.150	.450	4P + 20S + 4P	1-6450140-1
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	1-6450140-0
4.000	.250	.250	2.650	1.675	4.050	2.225	4.350	.450	5P+24S+1M+6P	6450140-9
4.150	.250	.250	2.800	2.125	4.200	-	4.500	.450	7P + 24S + 6P	6450140-8
4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	6450140-7
1.575	-	-	1.425	.700	1.625	-	1.925	.475	1P + 24S + 1P	6450140-6
1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	6450140-5
7.400	.250	.250	5.050	2.875	7.450	-	7.750	.450	10P + 84S + 10P	6450140-4
3.650	.250	.250	2.550	1.875	3.700	-	4.000	.450	6P + 24S + 5P	6450140-3
4.350	.250	.250	3.000	2.125	4.400	-	4.700	.450	7P + 32S + 6P	6450140-2
5.100	.250	.250	3.250	2.375	5.150	-	5.450	.450	8P + 32S + 8P	6450140-1
U	T	S	R	W	D	M	L	K	DESCRIPTION	PART NUMBER

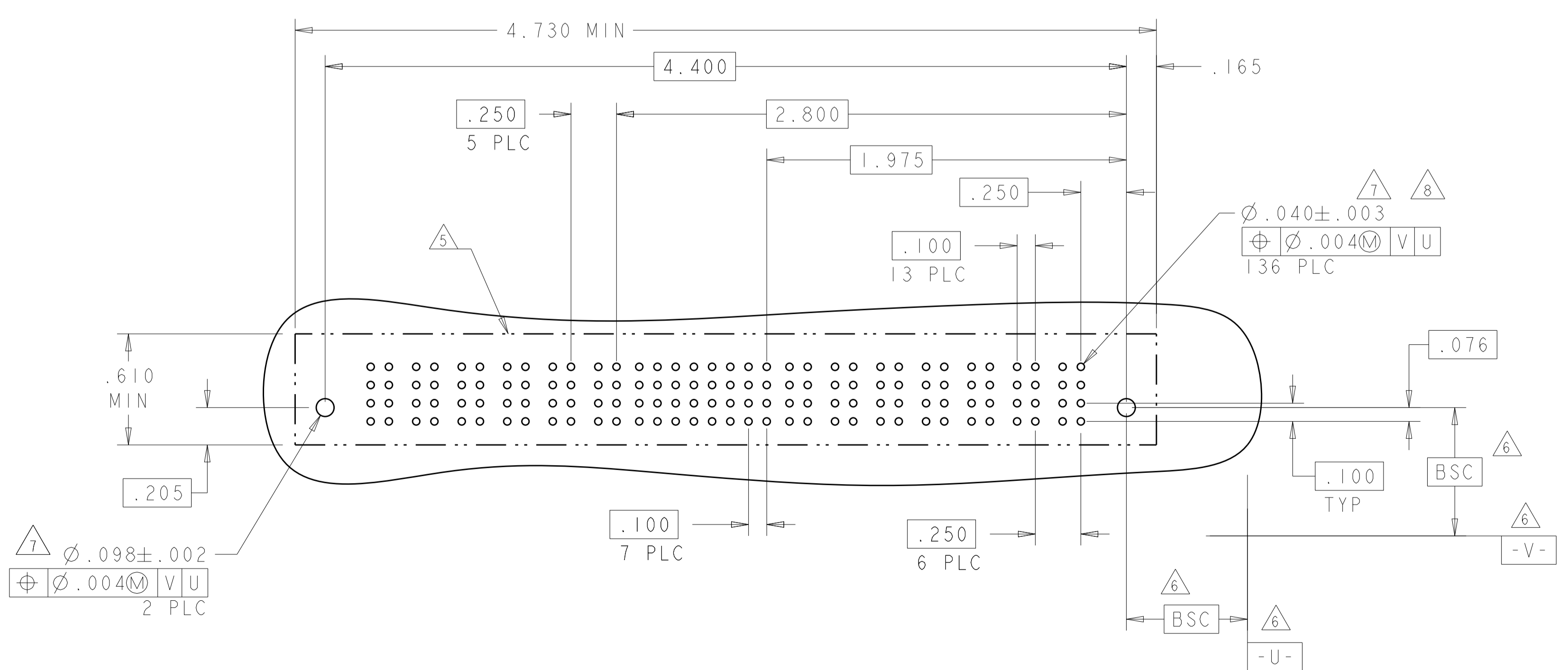
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 15FEB05	 TE Connectivity NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
DIMENSIONS: INCHES		CHK M. PERCHERKE 15FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020 FINISH		APVD M. PERCHERKE	RESTRICTED TO
		PRODUCT SPEC 108-1973	SIZE A100779
MATERIAL		APPLICATION SPEC 114-13038	DRAWING NO C=6450140
WEIGHT		CUSTOMER DRAWING	SCALE 2:1 SHEET 2 OF 11 REV E4

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

PART NUMBER	ROWS	POWER							SIGNAL							POWER													
		P16	P15	P14	P13	P12	P11	P10	P9	8	7	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1				
6450140-1	D C B A	VA	VA	VA	VA	VA	VA	VA	E	E	E	E	E	E	E	E	VA	VA	VA	VA	VA	VA	VA	VA					
		9P + 32S + 8P																											



PART NUMBER	ROWS	POWER							SIGNAL							POWER													
		P13	P12	P11	P10	P9	P8	8	7	6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1							
6450140-2	D C B A	VA	VA	VA	VA	VA	VA	E	E	E	E	E	E	E	VA	VA	VA	VA	VA	VA	VA								
		7P + 32S + 6P																											



CODE	TAIL LENGTH	DESCRIPTION
VB	.090	MFBL
VM	.135	STD
VA	.135	MFBL
POWER CONTACT		
CODE	TAIL LENGTH	DESCRIPTION
J	.090	
E	.135	
SIGNAL CONTACT		

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: R. GRZYBOWSKI 15FEB05
CHK: M. PERCHERKE 15FEB05

STE TE Connectivity

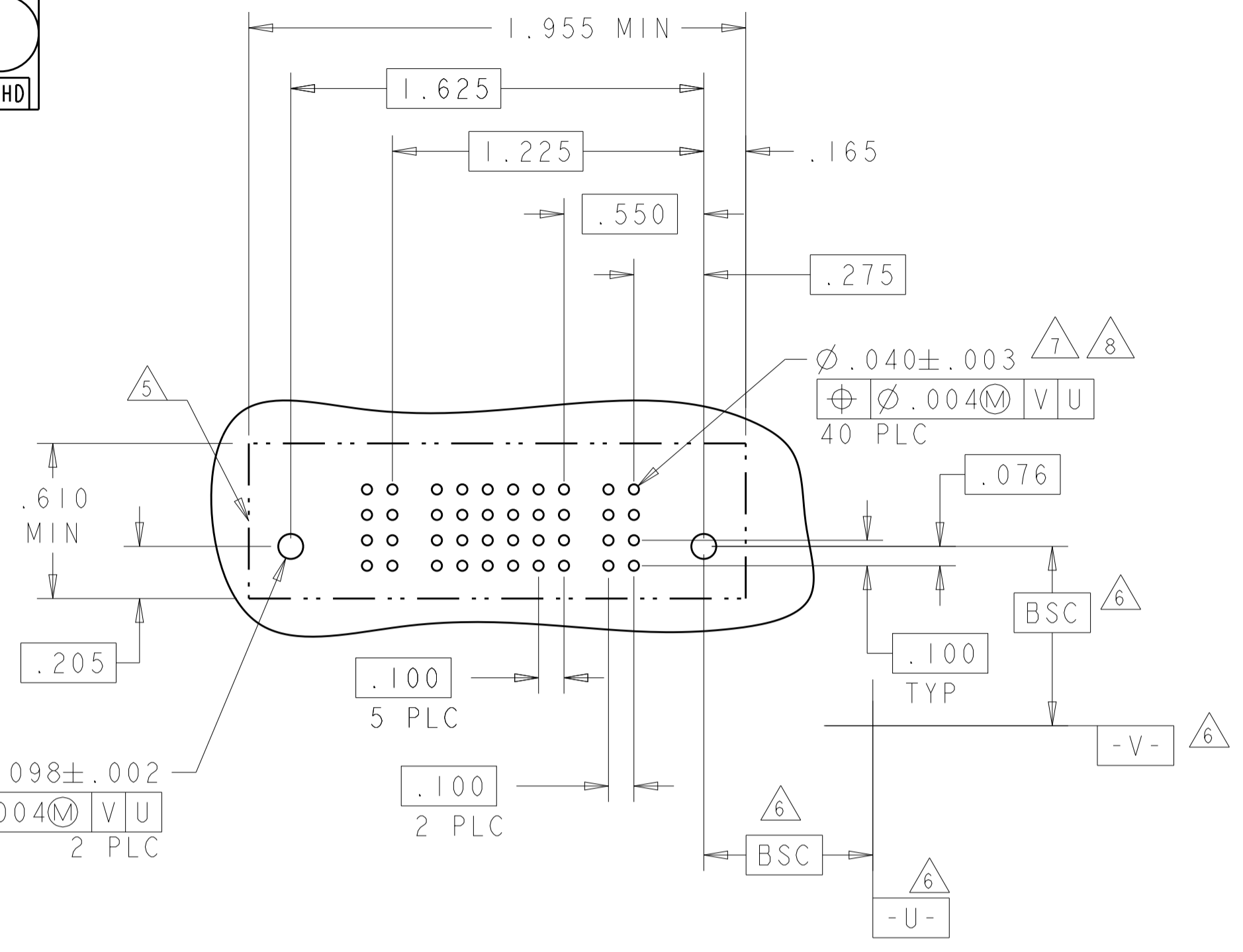
VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE: A1 00779 C=6450140

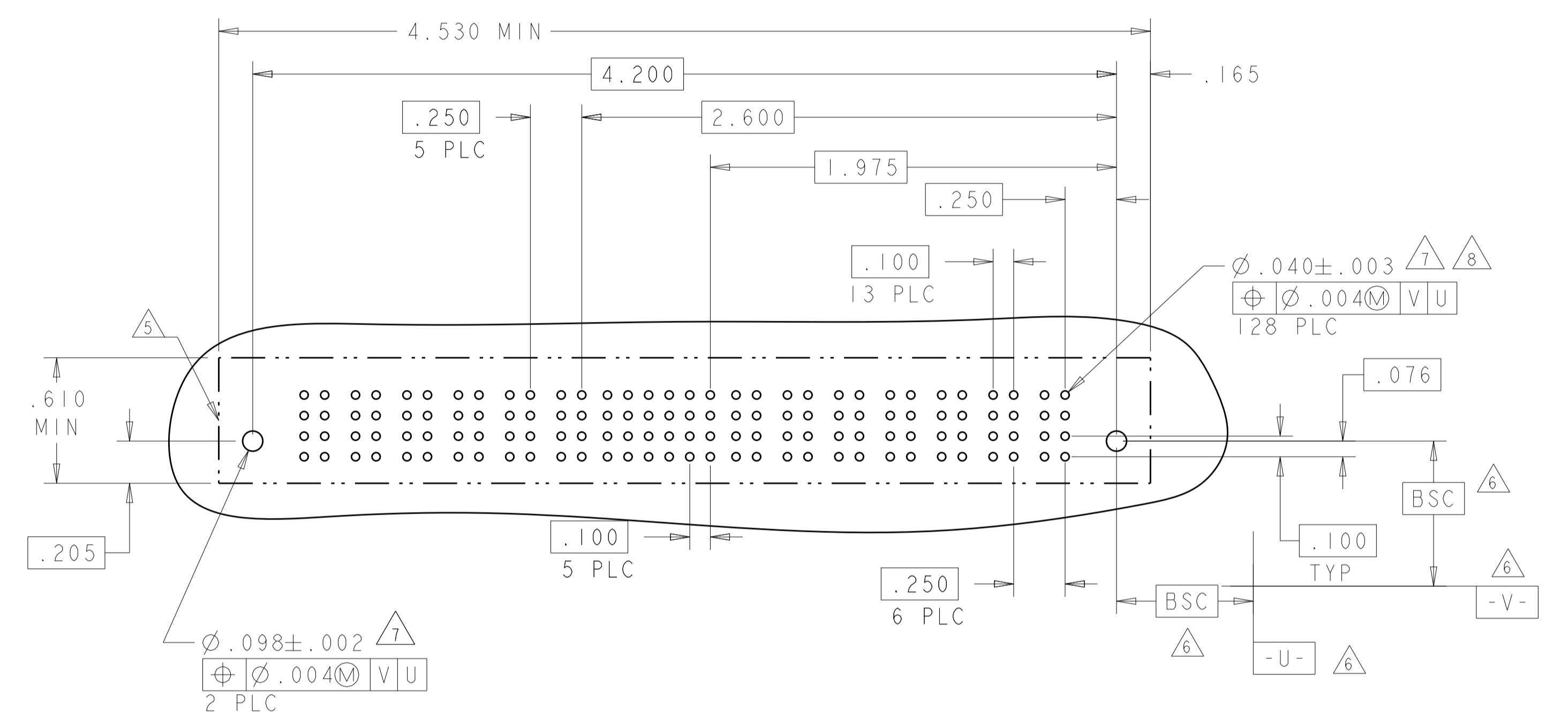
CUSTOMER DRAWING SCALE: 2:1 SHEET 3 OF 11 REV: E4

LOC	DIST	REVISIONS			
ES	00	REV	DATE	BY	APPD
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		2			
		3			
		4			
		5			
		6			
		7			
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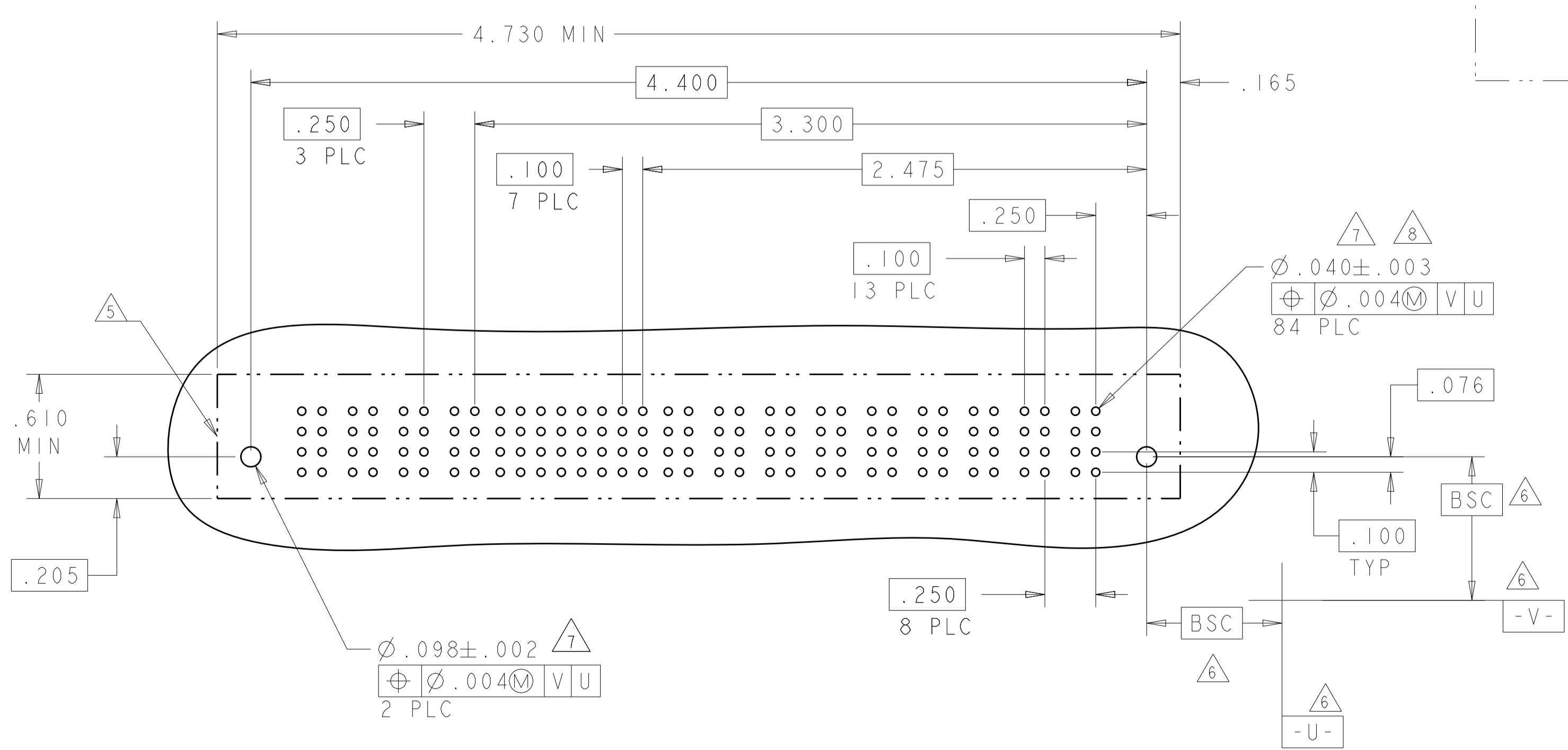
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		P2	6	5	4	3	2	1	P1	P2	6	5	4	3	2	1	P1
6450140-6	D C B A	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA
		VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA
IP + 24S + IP																	



PART NUMBER	ROWS	POWER					SIGNAL					POWER									
		P13	P12	P11	P10	P9	P8	6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1	
6450140-8	D C B A	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA
		VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA
7P + 24S + 6P																					



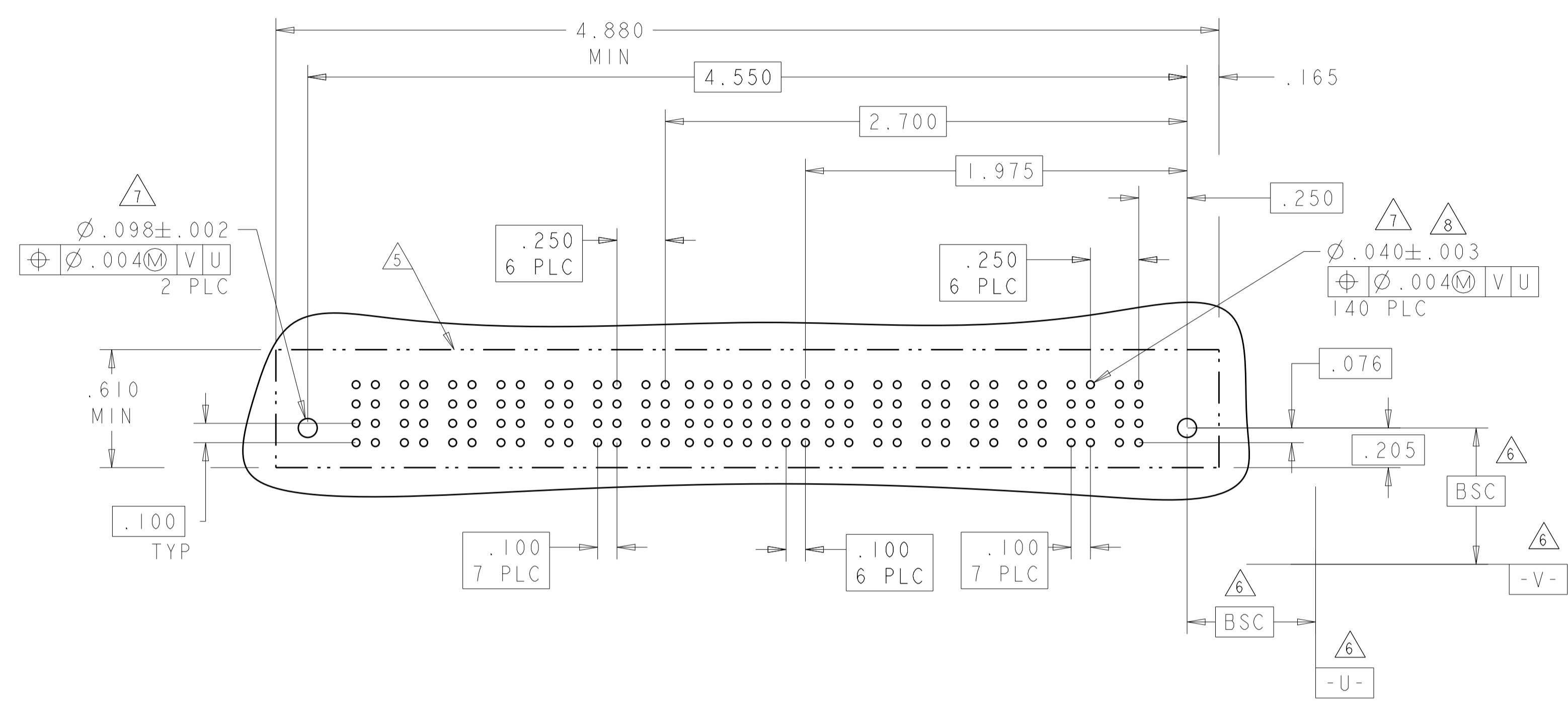
PART NUMBER	ROWS	POWER					SIGNAL								POWER								
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6450140-7	D C B A	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	
		VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	
J2 + 36S + 4P																							



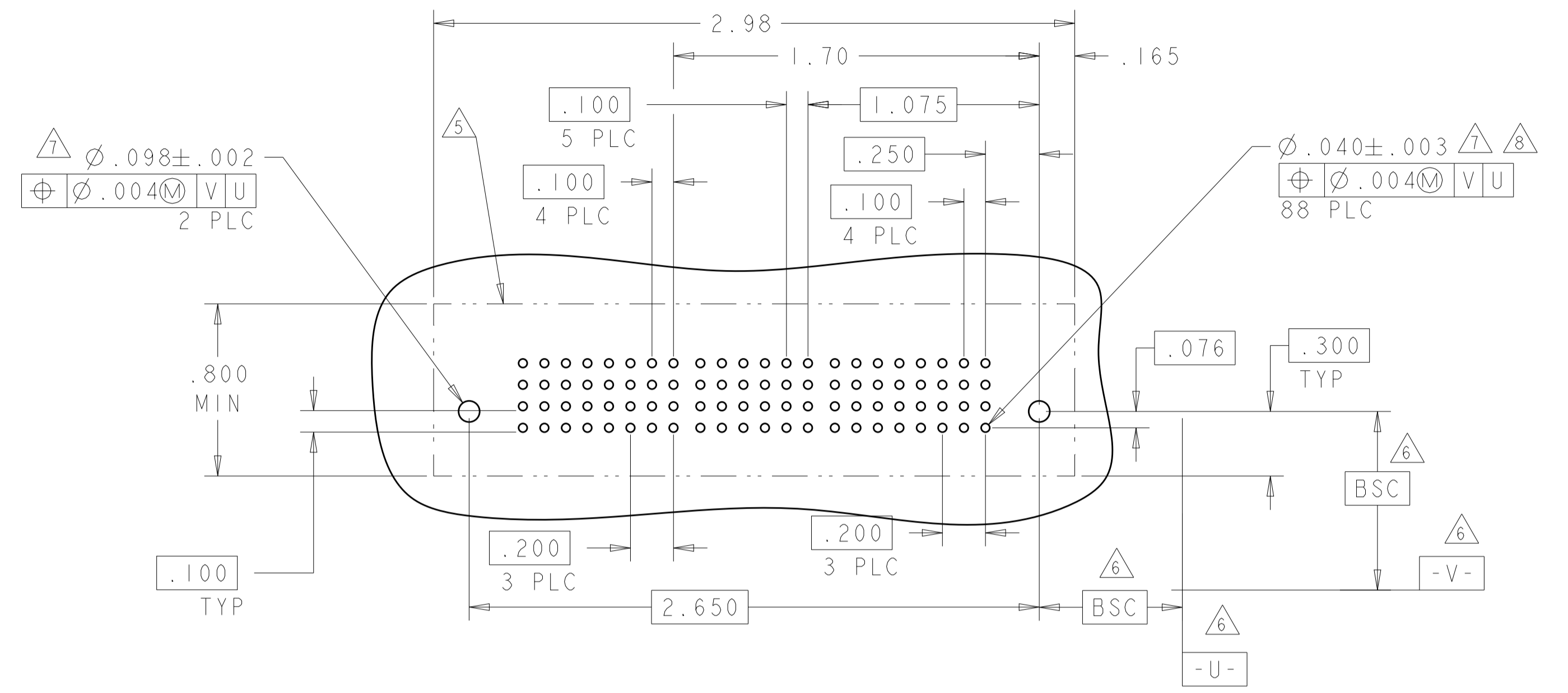
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DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI	15FEB05		TE Connectivity
INCHES	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.01 4 PLC ±.002 ANGLES ±.020	CHK: M. PERCHERKE	15FEB05		NAME
MATERIAL:	FINISH:	APVD:		PRODUCT SPEC	108-1973
				APPLICATION SPEC	114-13038
				WEIGHT:	
				CUSTOMER DRAWING	SCALE 2:1 SHEET 5 OF 11 REV E4

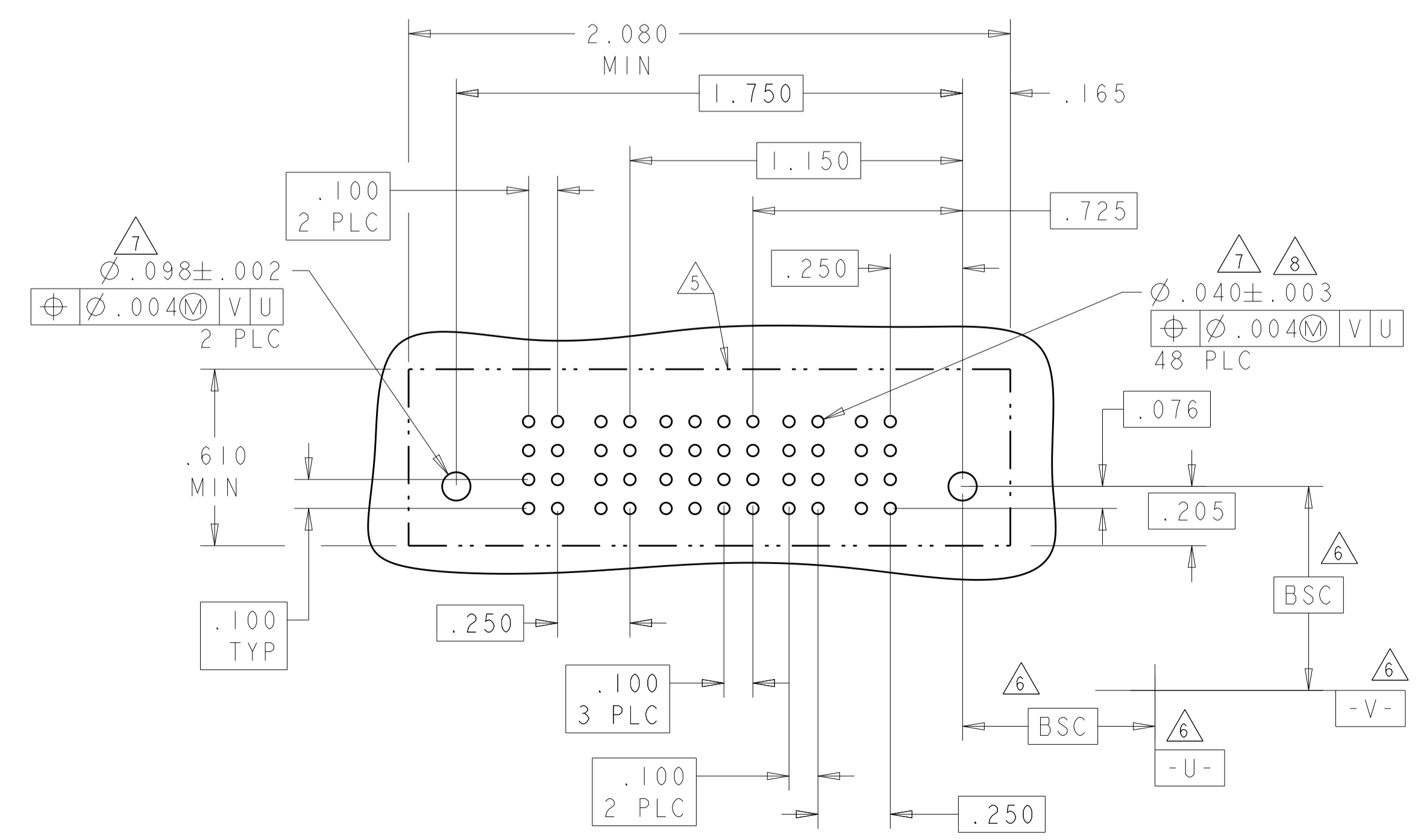
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		P14	P13	P12	P11	P10	P9	P8	7	6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1					
1-6450140-3	D C B A	VA	VA	VA	VA	VA	VA	VA	VA	E	E	E	E	E	E	E	E	E	E	VA	VA	VA	VA	VA	VA	VA	VA
7P + 28S + 7P																											



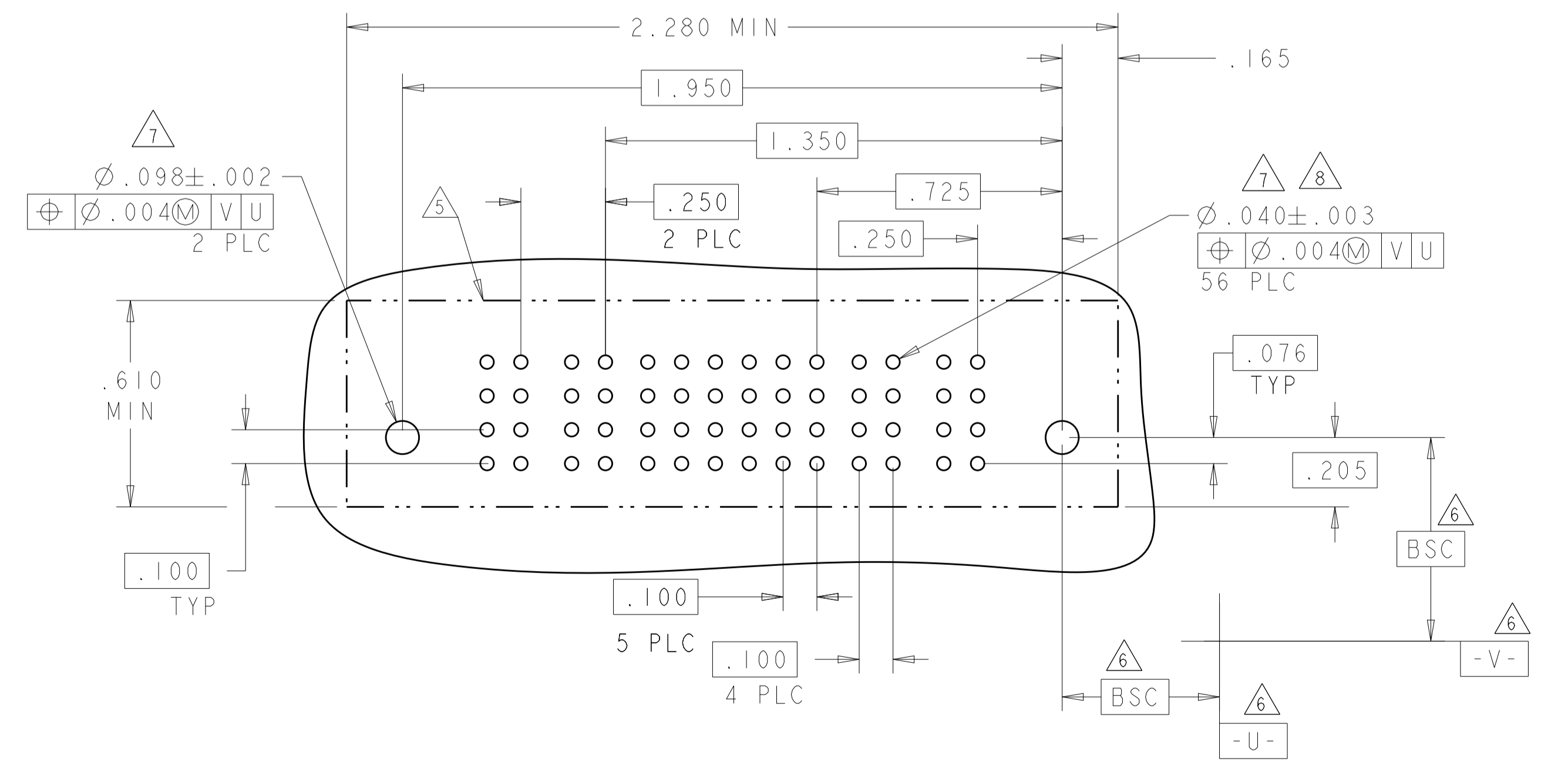
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1-6450140-9	D C B A	VA	VA	VA	VA	VA	E	E	E	E	E	E	E	E	VA	VA	VA	VA	VA
4HDP + 24S + 4HDP																			



PART NUMBER	ROWS	POWER				SIGNAL				POWER			
		P4	P3	4	3	2	1	P2	P1	P2	P1	P2	P1
1-6450140-8	D C B A	VA	VA	E	E	E	E	E	E	VA	VA	VA	VA
2P + 16S + 2P													



PART NUMBER	ROWS	POWER			SIGNAL				POWER				
		P4	P3	6	5	4	3	2	1	P2	P1	P2	P1
2-6450140-0	D C B A	VA	VA	E	E	E	E	E	E	VA	VA	VA	VA
2P + 24S + 2P													



THIS DRAWING IS A CONTROLLED DOCUMENT.

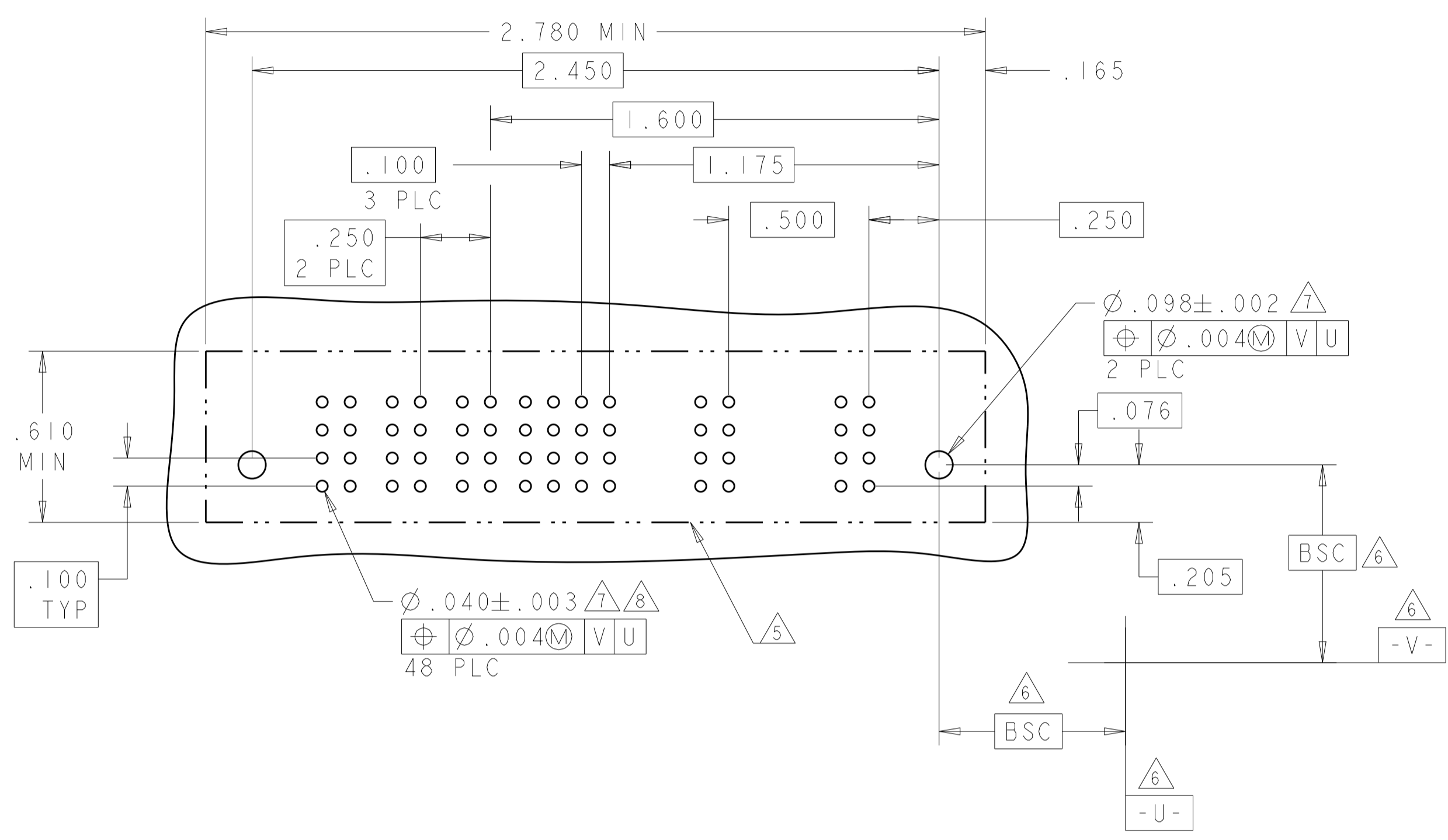
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 15FEB05	CHK: M. PERCHERKE 15FEB05
INCHES	0 PLC ±.01	APVD: M. PERCHERKE	NAME: M. PERCHERKE
	1 PLC ±.01	PRODUCT SPEC	108-1973
	2 PLC ±.01	APPLICATION SPEC	114-13038
	3 PLC ±.01	WEIGHT	A100779C=6450140
	4 PLC ±.0020	CUSTOMER DRAWING	SCALE 2:1 SHEET 7 OF 11 REV E4
	ANGLES ±.020		

TE Connectivity
STE
 VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

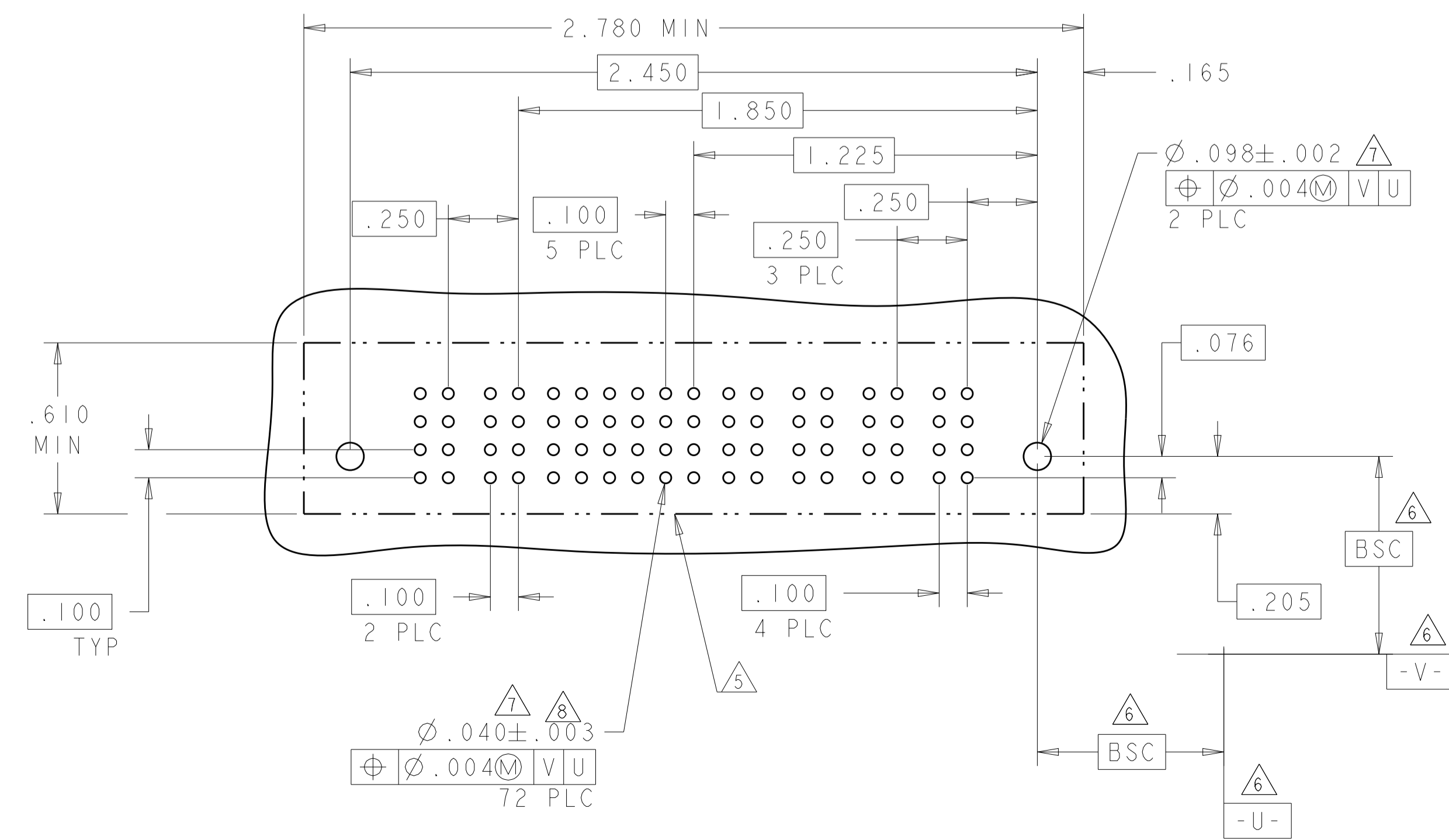
LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS		DATE	BY	APPV
1	SEE SHEET 1			

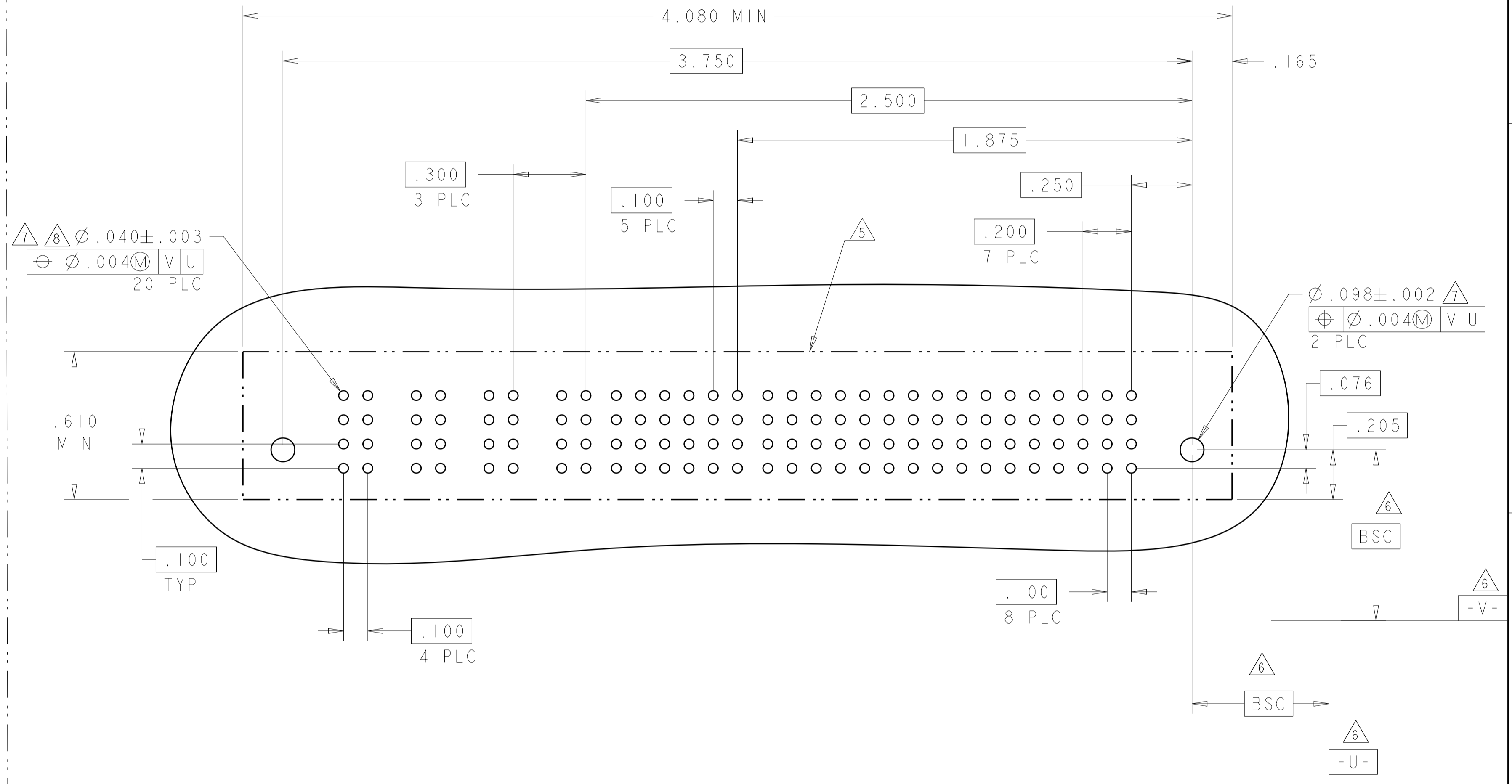
PART NUMBER	ROWS	POWER			SIGNAL							POWER		
		P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	
2-6450140-5	D C B A	VM	VM	VA	E	E	E	E	E	E	E	E	VM	VM
3P + 24S + 3P														



PART NUMBER	ROWS	POWER		SIGNAL							POWER					
		P6	P5	6	5	4	3	2	1	P4	P3	P2	P1			
2-6450140-7	D C B A	VM	VM	E	E	E	E	E	E	E	E	E	VM	VM	VM	VM
4P + 24S + 2P																



PART NUMBER	ROWS	POWER				SIGNAL							POWER																
		P12	P11	P10	P9	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1										
2-6450140-6	D C B A	VM	VM	VM	VM	E	E	E	E	E	E	E	E	E	E	E	E	E	E	VM	VM	VM	VM	VM	VM	VM	VM		
8P + 24S + 4ACP																													



THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: R. GRZYBOWSKI 15FEB05
 CHK: M. PERCHERKE 15FEB05

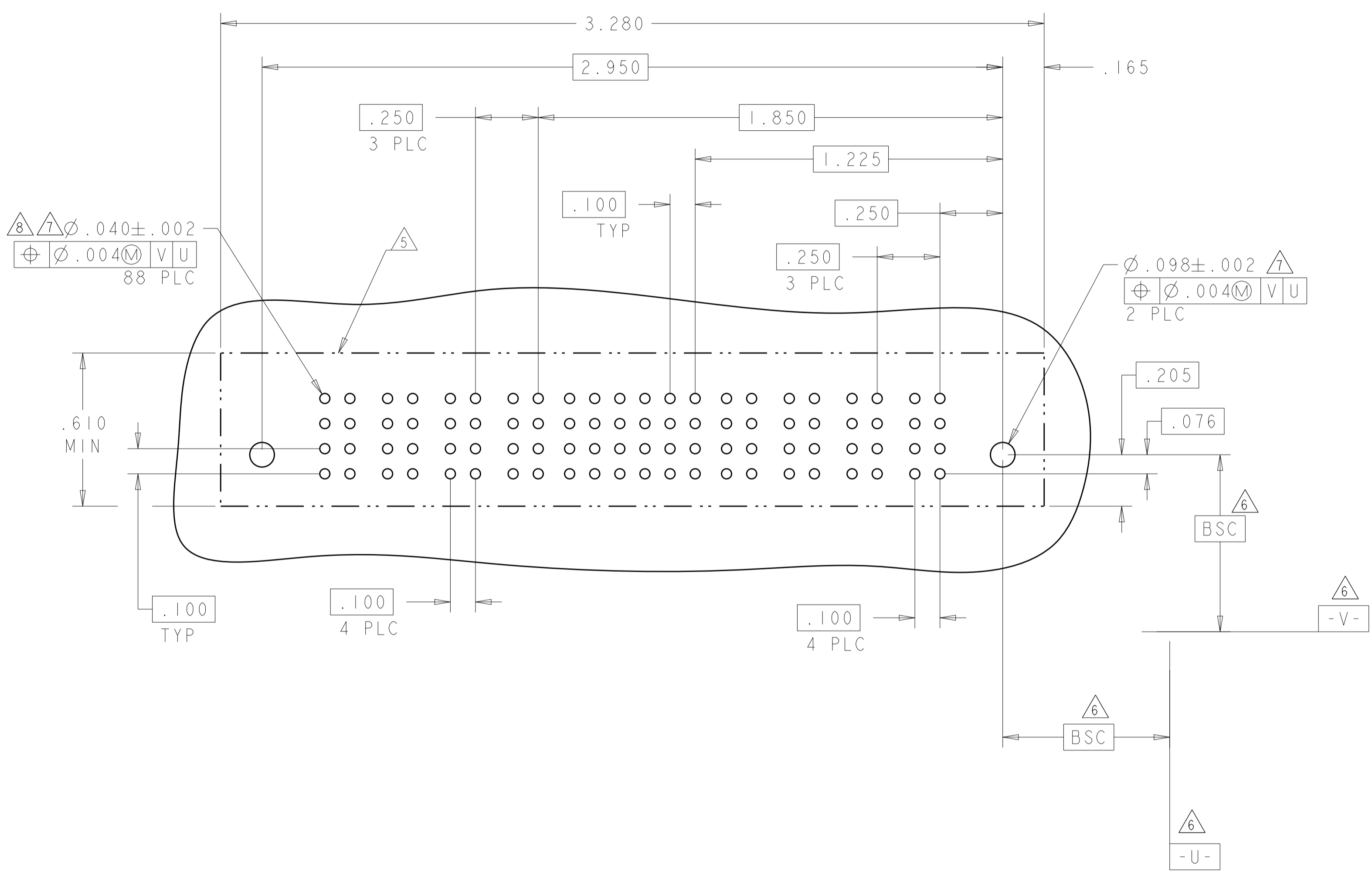
TE Connectivity

VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SCALE: 2:1 SHEET 8 OF 11 REV: E4

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

PART NUMBER	ROWS	POWER				SIGNAL						POWER				
		P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	
2-6450140-8	DCBA	VM	VM	VM	VM	E	E	E	E	E	E	E	E	E	E	E
		VM	VM	VM	VM	E	E	E	E	E	E	E	E	E	E	E
		VM	VM	VM	VM	E	E	E	E	E	E	E	E	E	E	E
		VM	VM	VM	VM	E	E	E	E	E	E	E	E	E	E	E
4P + 24S + 4P		HD														HD



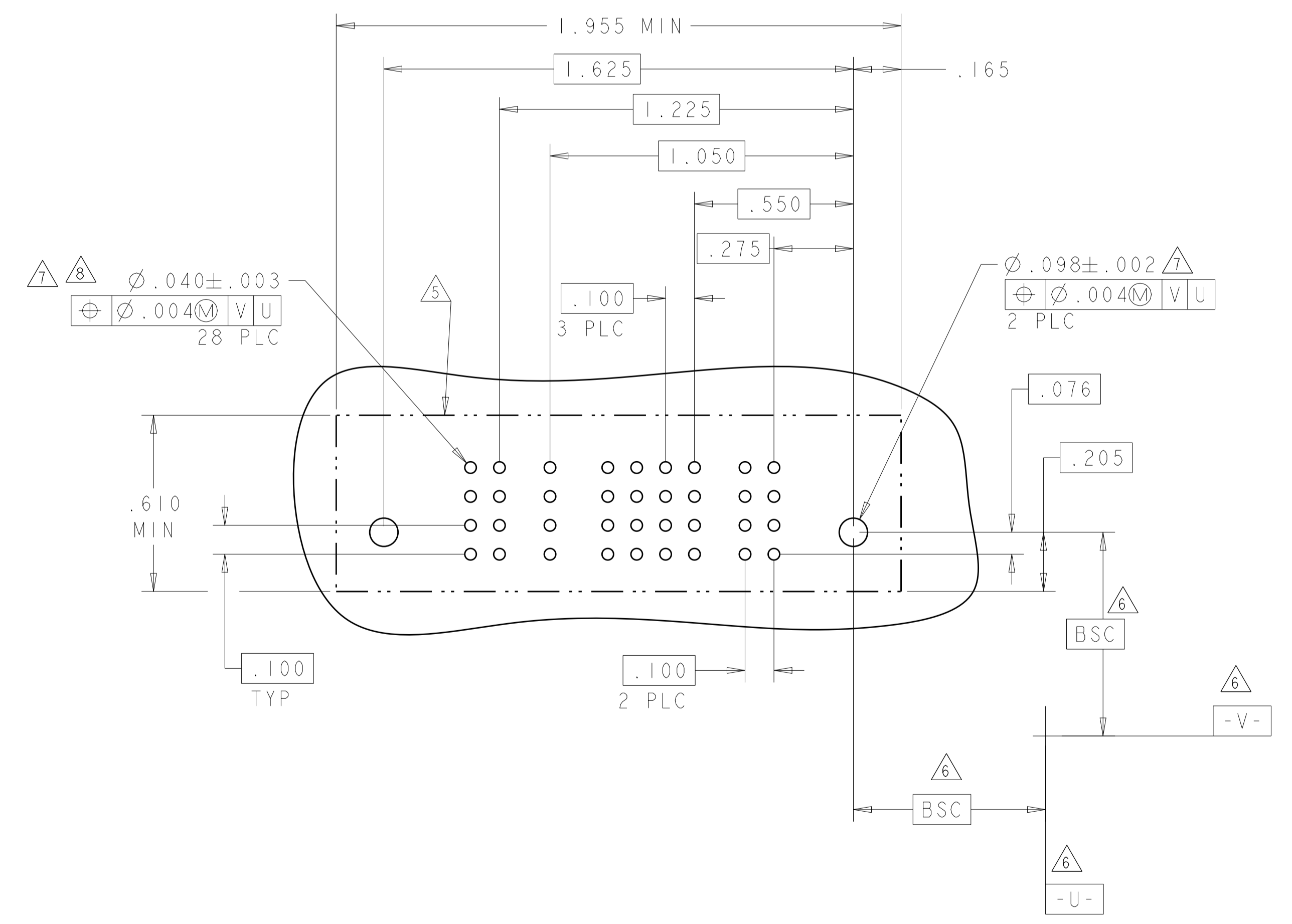
PART NUMBER	ROWS	POWER		SIGNAL						POWER		
		P2	P1	6	5	4	3	2	1	P4	P3	
3-6450140-5	DCBA	VA	VA	E	E	E	E	E	E	E	E	E
		VA	VA	E	E	E	E	E	E	E	E	E
		VA	VA	E	E	E	E	E	E	E	E	E
		VA	VA	E	E	E	E	E	E	E	E	E
IP + 24S + IP		HD										HD

(E3)

NO CONTACTS LOADED

PART NUMBER	ROWS	POWER		SIGNAL						POWER		
		P2	P1	6	5	4	3	2	1	P4	P3	
3-6450140-6	DCBA	VA	VA	E	E	E	E	E	E	E	E	E
		VA	VA	E	E	E	E	E	E	E	E	E
		VA	VA	E	E	E	E	E	E	E	E	E
		VA	VA	E	E	E	E	E	E	E	E	E
IP + 24S + IP		HD										HD

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.

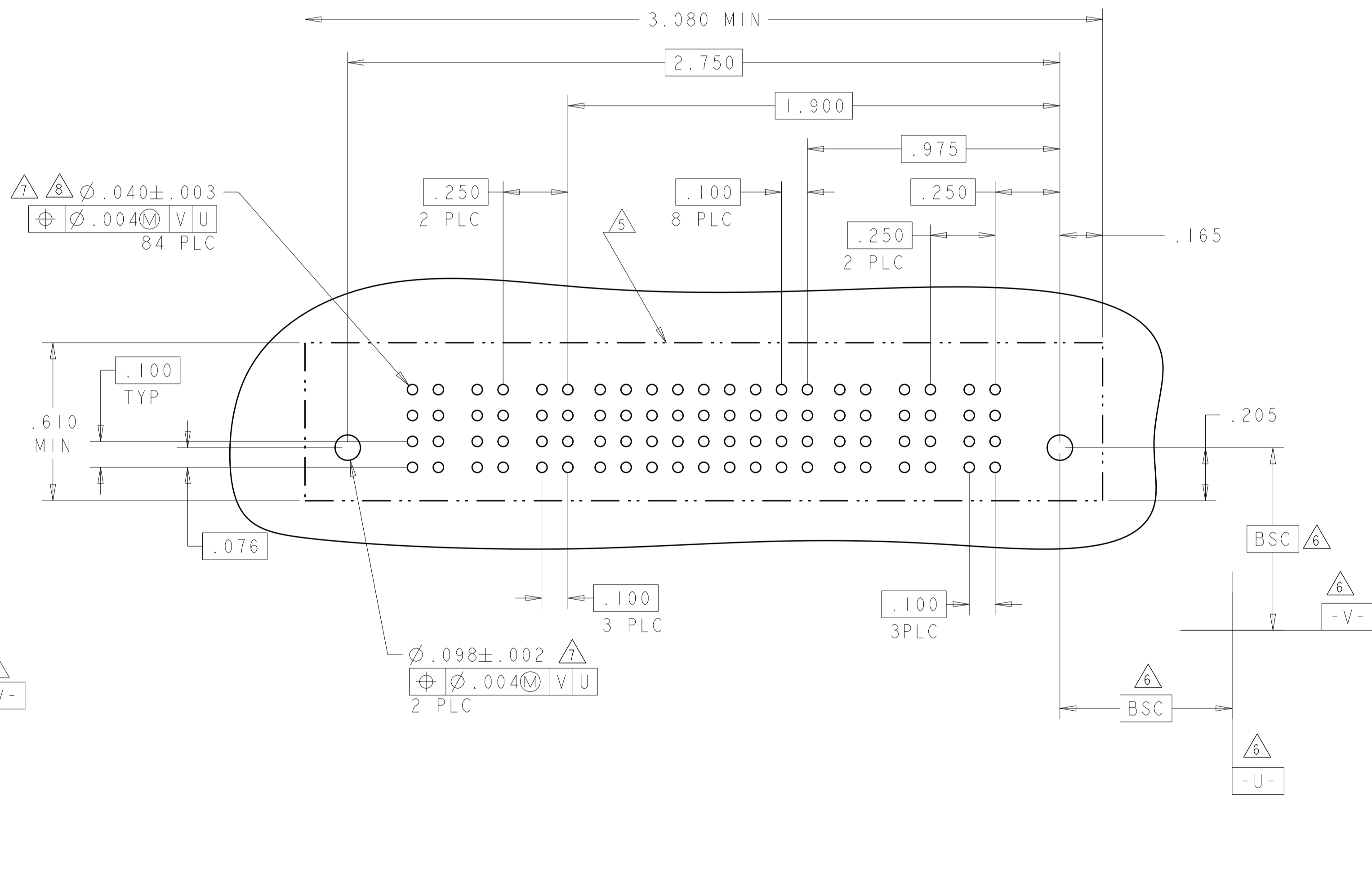
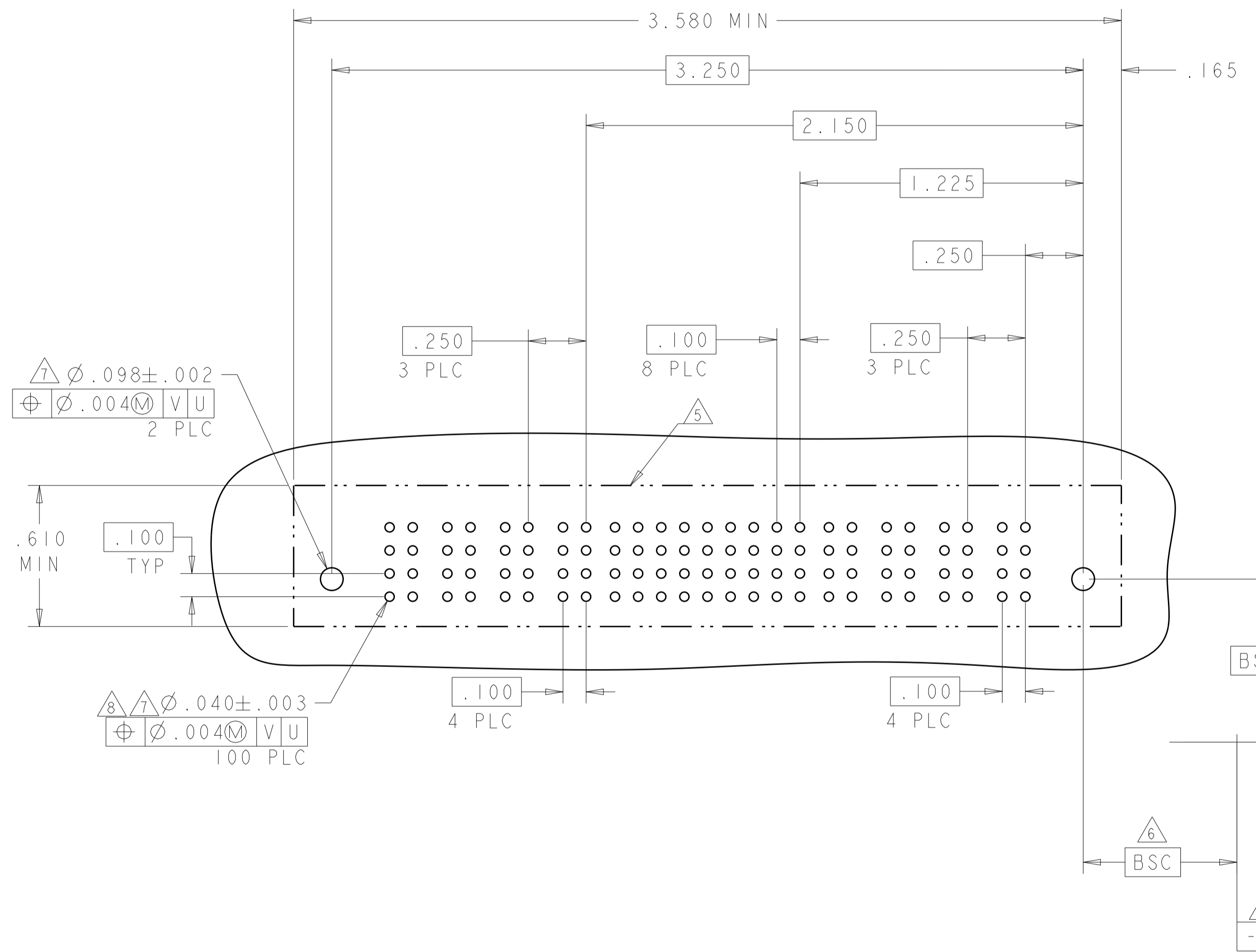
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DMN: R. GRZYBOWSKI 15FEB05	CHK: M. PERCHERKE	APVD: M. PERCHERKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
INCHES	0 PLC ± .01 1 PLC ± .01 2 PLC ± .01 3 PLC ± .005 4 PLC ± .002 ANGLES ± .020	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	WEIGHT: -	SIZE: A1
MATERIAL: -	FINISH: -	CAGE CODE: 6450140	DRAWING NO: 100779	SCALE: 2:1	SHEET 9 OF 11
CUSTOMER DRAWING			REV: E4		

4805 (3/11)

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

PART NUMBER	ROWS	SIGNAL												P4	P3	P2	P1					
		P8	P7	P6	P5	9	8	7	6	5	4	3	2					1				
3-6450140-1	D	VM	VM	VM	VM	E	E	E	E	E	E	E	E	E	E	E	E	VM	VM	VM	VM	
	C					E	E	E	E	E	E	E	E	E	E	E	E					
	B					E	E	E	E	E	E	E	E	E	E	E	E					E
	A					E	E	E	E	E	E	E	E	E	E	E	E					E
4P + 36S + 4P		HD																				

PART NUMBER	ROWS	POWER			SIGNAL								POWER							
		P6	P5	P4	9	8	7	6	5	4	3	2	1	P3	P2	P1				
3-6450140-4	DCBA	VM	VM	VM	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
					E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
					E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
					E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
3P + 36S + 3P		HD																		



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 15FEB05	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 15FEB05	
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 ±.2°		PRODUCT SPEC: 108-1973	SIZE: A1
MATERIAL: -		APPLICATION SPEC: 114-13038	CAGE CODE: 6450140
FINISH: -		WEIGHT: -	RESTRICTED TO: -
		CUSTOMER DRAWING	SCALE: 2:1 SHEET 11 OF 11 REV: E4