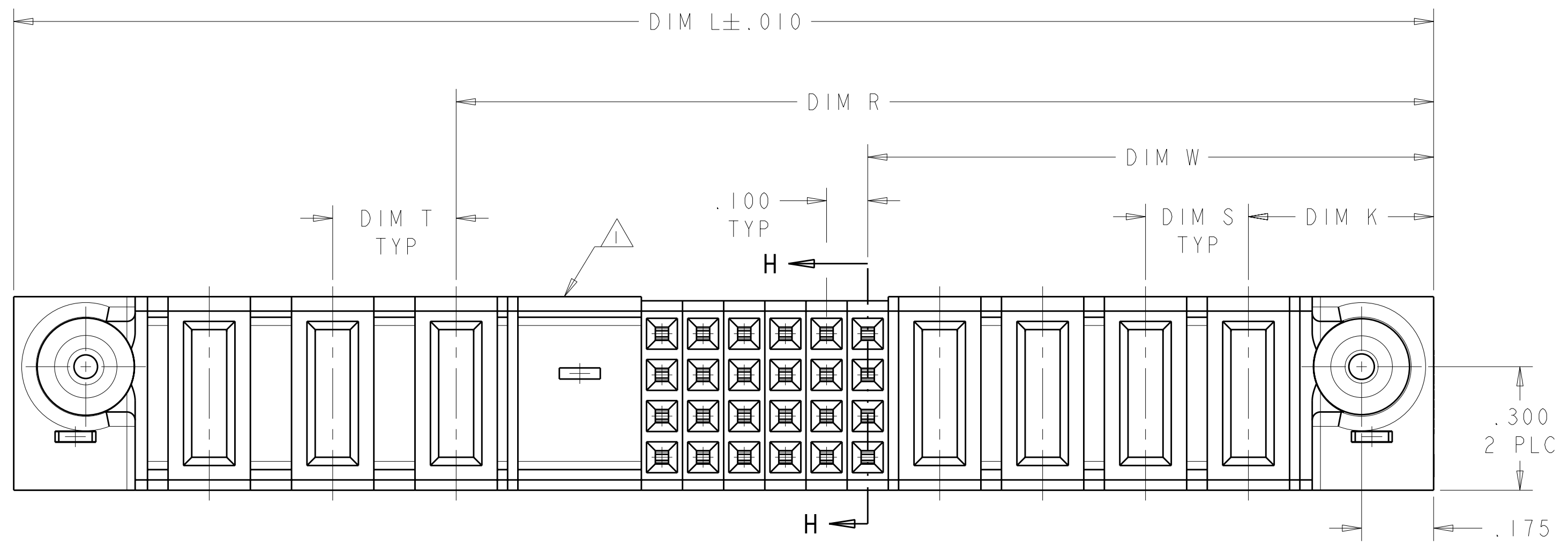
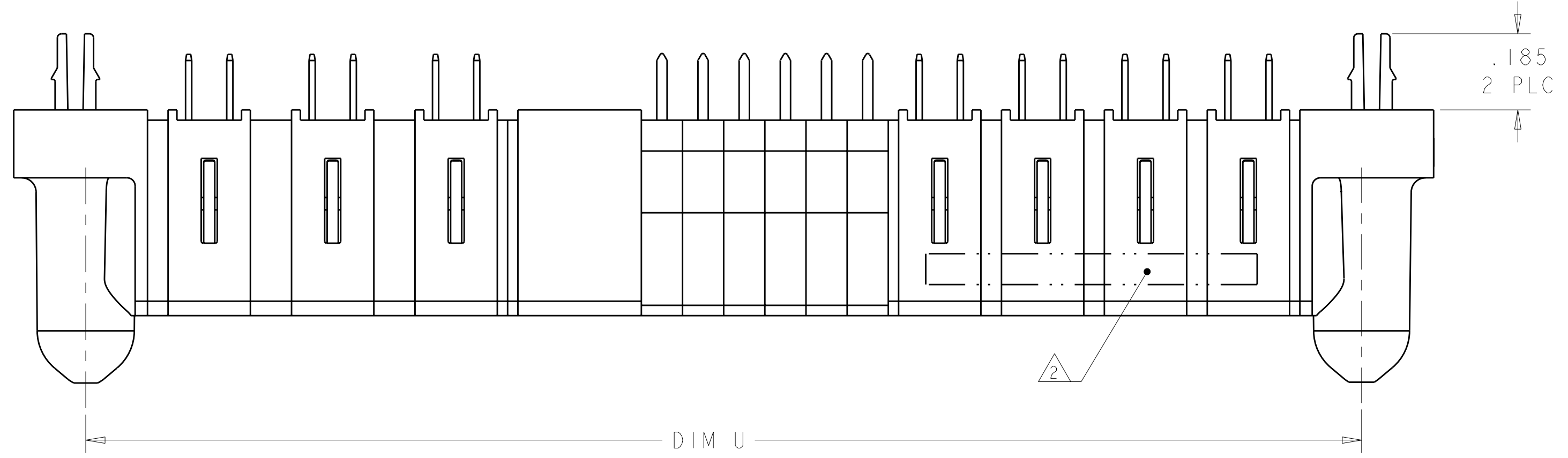
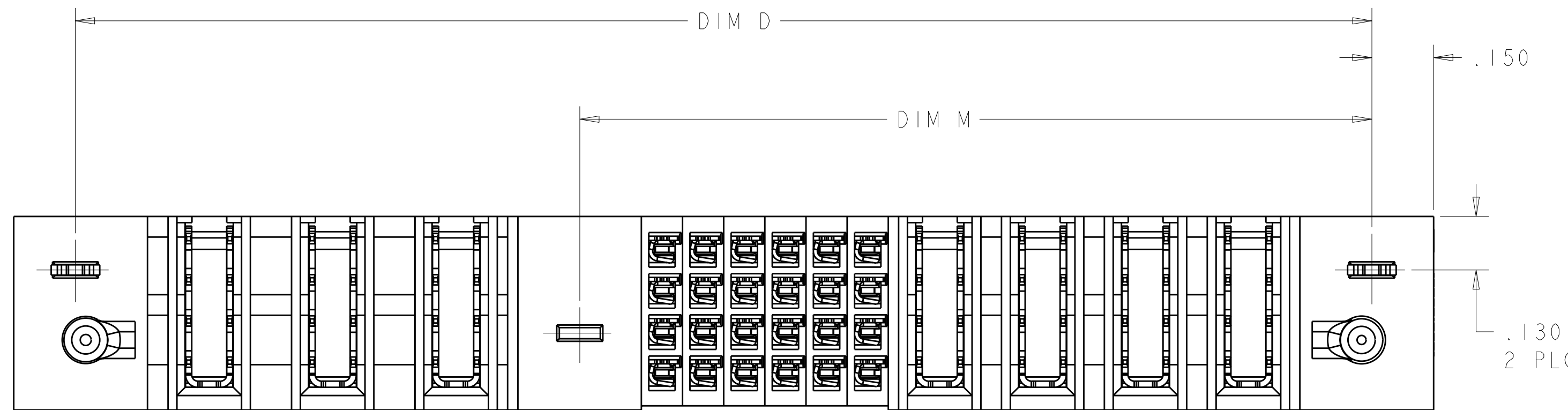
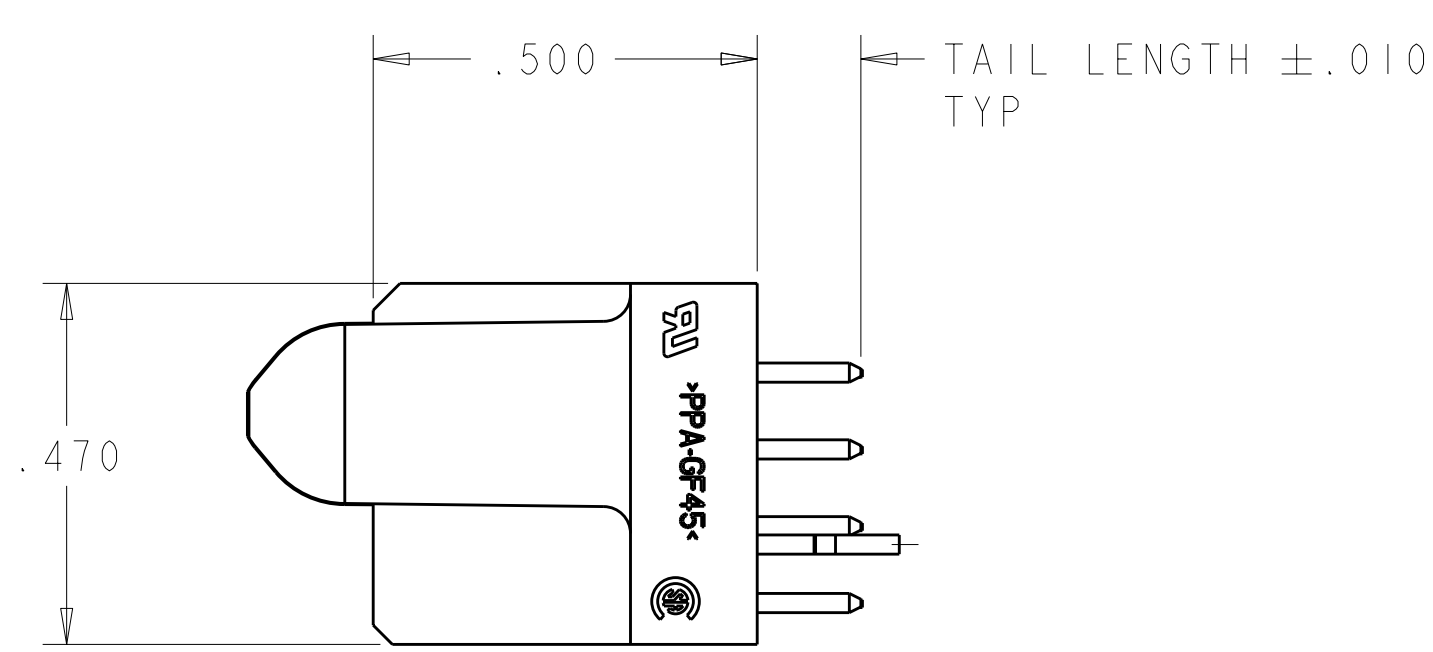
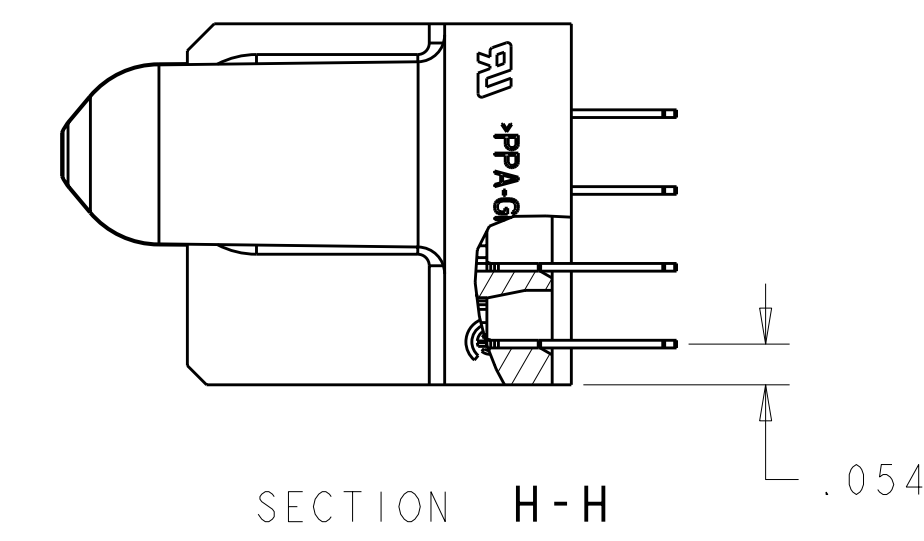


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		F1		ADDED NEW DASH NUMBER -26.	23NOV2009	IL	SY
		G		REV PER ECR-09-025943	26NOV2009	IL	SY



- 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 PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES
- 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: SIGNAL CONTACTS - .000050 MIN Ni UNDER ALL
 .000030 MIN Au ON CONTACT AREA
 .000100 MIN Sn AT PCB INTERFACE
 POWER CONTACTS - .000050 MIN Ni UNDER ALL
 .000030 MIN Au ON CONTACT AREA
 .000100 MIN Sn AT PCB INTERFACE
- 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±.003 DIA HOLE
- 9 FOR P/N:2-6450150-2.THE VARIABLE DIMENSIONS PLEASE SEE SHEET 7.



WITH	2.800	.300	.250	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	2-6450150-6
WITH	3.800	.300	.250	1.875	1.375	3.850	-	4.150	.450	4P + 16S + 7ACP	2-6450150-5
WITH	2.400	.200	.200	2.100	.825	2.450	-	2.750	.450	2P + 48S + 2P	2-6450150-4
WITH	1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	2-6450150-3
WITHOUT	5.500	△	.300	3.175	2.525	5.550	-	5.850	.475	7ACP+20S+4ACP+5P	2-6450150-2
WITH	2.900	.250	.250	2.550	.875	2.950	-	3.250	.450	2P + 64S + 2P	2-6450150-1
WITH	3.550	-	.300	2.550	1.275	3.600	-	3.900	.475	3ACP + 48S + 5P	2-6450150-0
WITH	4.000	-	-	-	.375	4.050	-	4.350	-	148S	1-6450150-9
WITH	2.800	.250	.250	1.700	1.125	2.850	-	3.150	.450	3P + 20S + 5P	1-6450150-8
WITH	2.200	.250	.250	1.350	.875	2.250	-	2.550	.450	2P + 16S + 4P	1-6450150-7
WITH	3.500	.300	.250	2.775	2.375	3.550	-	3.850	.450	8P + 12S + 3ACP	1-6450150-3
WITH	2.300	.250	.300	1.950	1.275	2.350	-	2.650	.475	3ACP + 24S + 2P	6450150-9
WITH	1.575	-	-	1.425	.700	1.625	-	1.925	.475	1P + 24S + 1P	6450150-8
WITH	3.000	.250	.250	2.150	1.425	3.050	-	3.350	.450	4P + 24S + 4P	6450150-6
WITH	2.500	.300	.250	1.800	1.125	2.550	-	2.850	.450	3P + 24S + 3ACP	6450150-5
WITH	2.675	.200	.200	2.375	1.650	2.725	-	3.025	.475	5P + 24S + 2P	6450150-4
WITH	2.800	.300	.250	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	6450150-3
WITH	3.550	-	.300	2.550	1.275	3.600	-	3.900	.475	3ACP + 48S + 5P	6450150-2
WITH	4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	6450150-1
HOLD DOWN	U	T	S	R	W	D	M	L	K	DESCRIPTION	PART NUMBER

DIMENSIONS: INCHES TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.01 5 PLC ±.005 4 PLC ±.0020 ANGLES ±.01°		DWN R. GRZYBOWSKI 16FEB05 CHK M. PERCHERKE 16FEB05 APVD M. PERCHERKE PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT - CUSTOMER DRAWING		Tyco Electronics Corporation Harrisburg, PA 17105-3608 NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL SIZE CAGE CODE DRAWING NO. RESTRICTED TO A100779C=6450150 SCALE 1:1 SHEET 1 OF 9 REV G	
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LOC	DIST	REV	DATE	BY	APPD
GP	00				

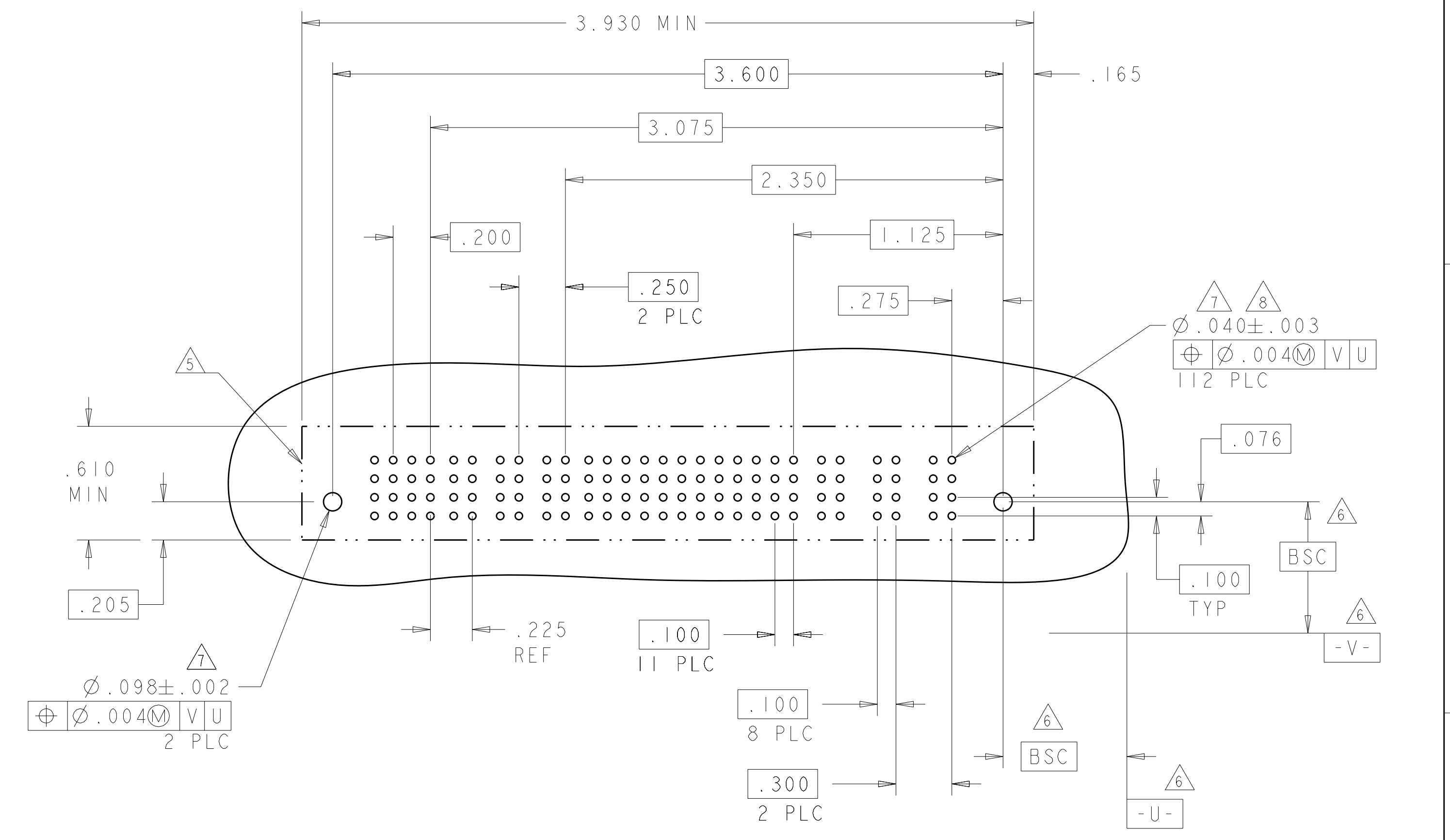
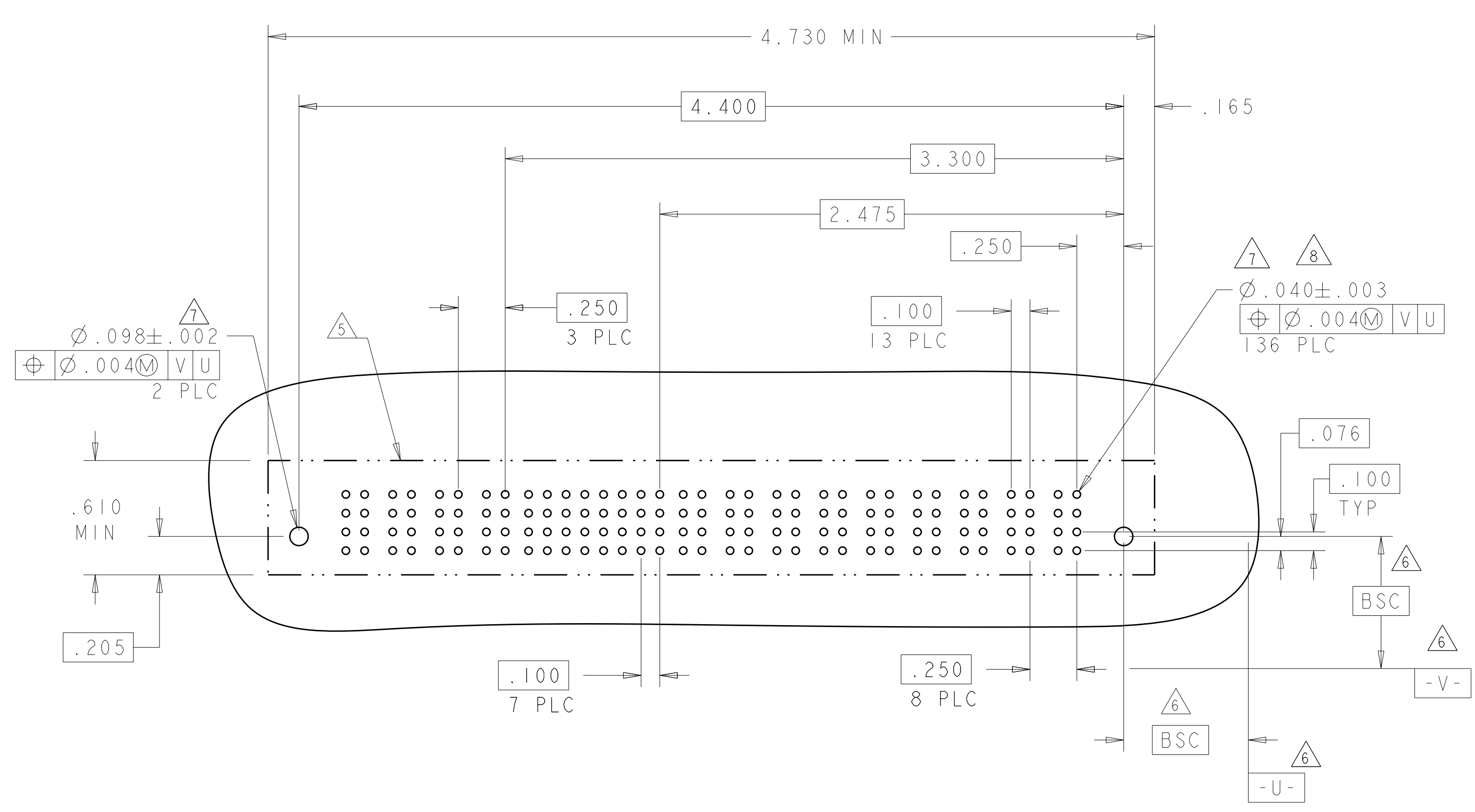
REVISIONS		DATE	BY	APPD
1	SEE SHEET 1			

PART NUMBER	ROWS	POWER (L)				SIGNAL							POWER (R)									
		P13	P12	P11	P10	8	7	6	5	4	3	2	1	P9	P8	P7	P6	P5	P4	P3	P2	P1
6450150-1	D	VM	VM	VA	VM	E	E	E	E	E	E	E	E	VM	VM	VM	VM	VM	VM	VA	VM	
	C					E	E	E	E	E	E	E	E									
	B					E	E	E	E	E	E	E	E									
	A					E	E	E	E	E	E	E	E									

9P + 32S + 4P

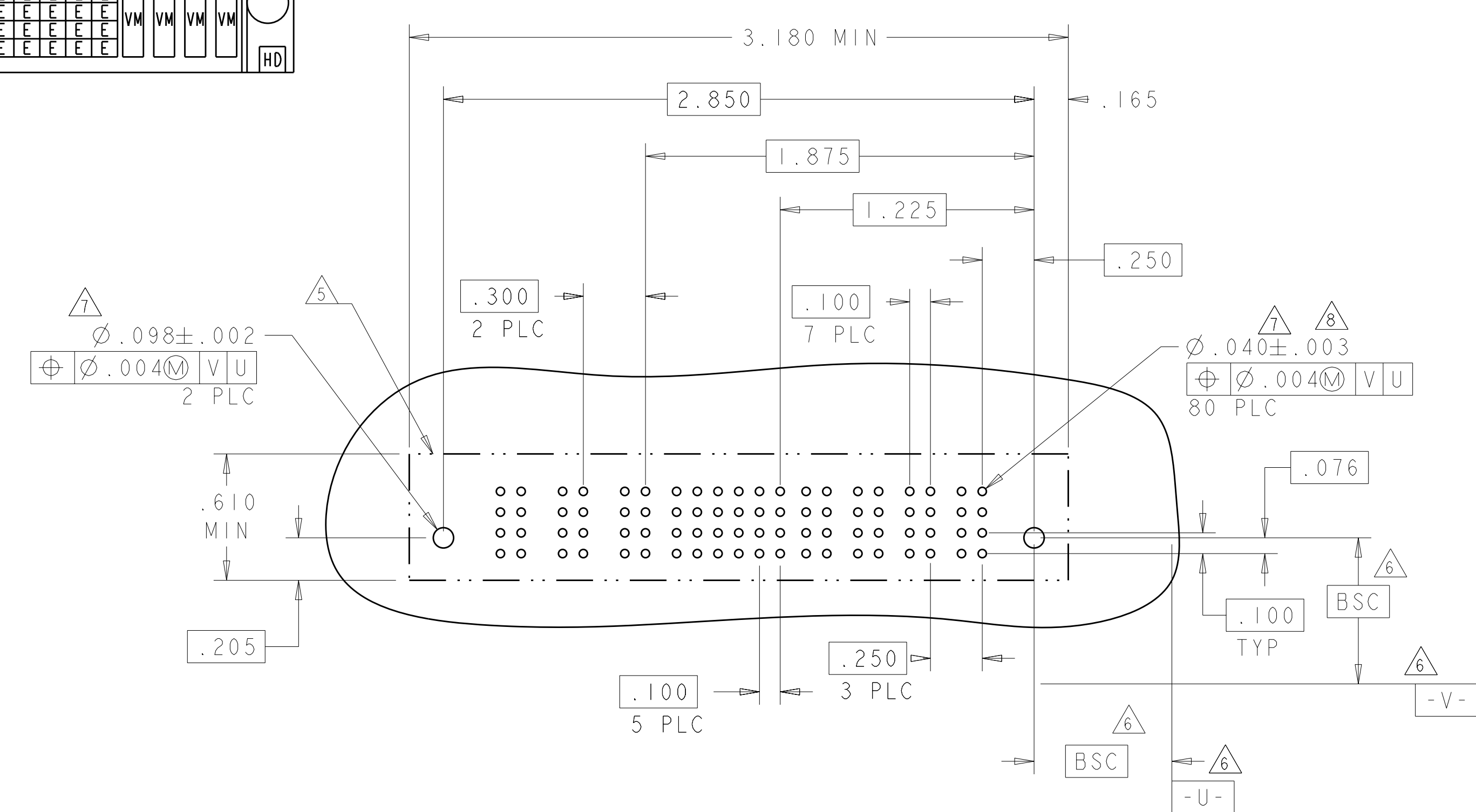
PART NUMBER	ROWS	POWER (L)				SIGNAL												POWER (R)			
		P8	P7	P6	P5	P4	12	11	10	9	8	7	6	5	4	3	2	1	P3	P2	P1
6450150-2	D	VM	VM	VM	VM	E	E	E	E	E	E	E	E	E	E	E	E	E	VA	VM	VM
	C					E	E	E	E	E	E	E	E	E	E	E	E	E			
	B					E	E	E	E	E	E	E	E	E	E	E	E	E			
	A					E	E	E	E	E	E	E	E	E	E	E	E	E			

3ACP + 48S + 5P



PART NUMBER	ROWS	POWER (L)			SIGNAL							POWER (R)			
		P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	
6450150-3	D	VM	VM	VA	E	E	E	E	E	E	E	E	VM	VM	VM
	C				E	E	E	E	E	E	E	E			
	B				E	E	E	E	E	E	E	E			
	A				E	E	E	E	E	E	E	E			

4P + 24S + 3ACP



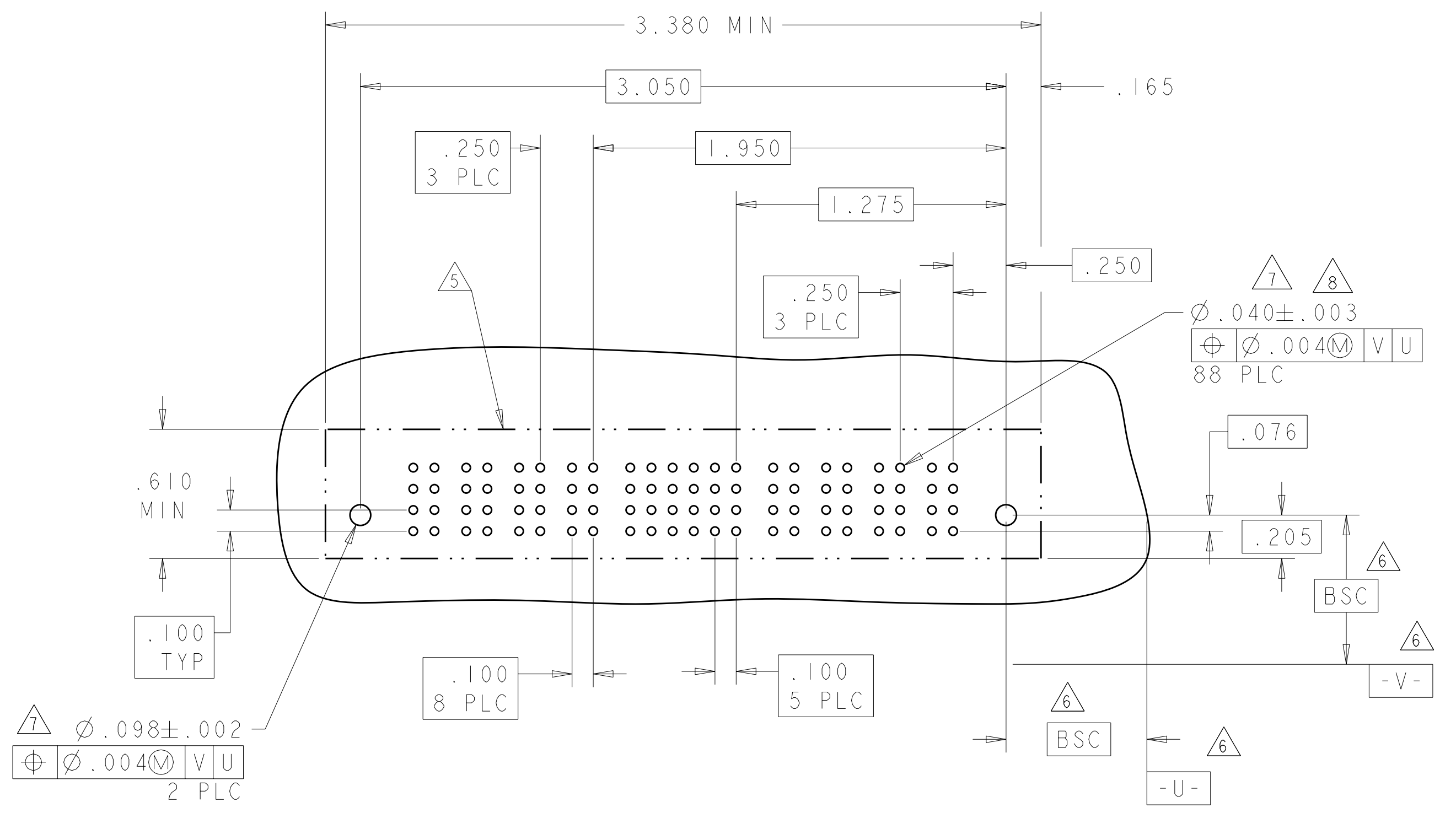
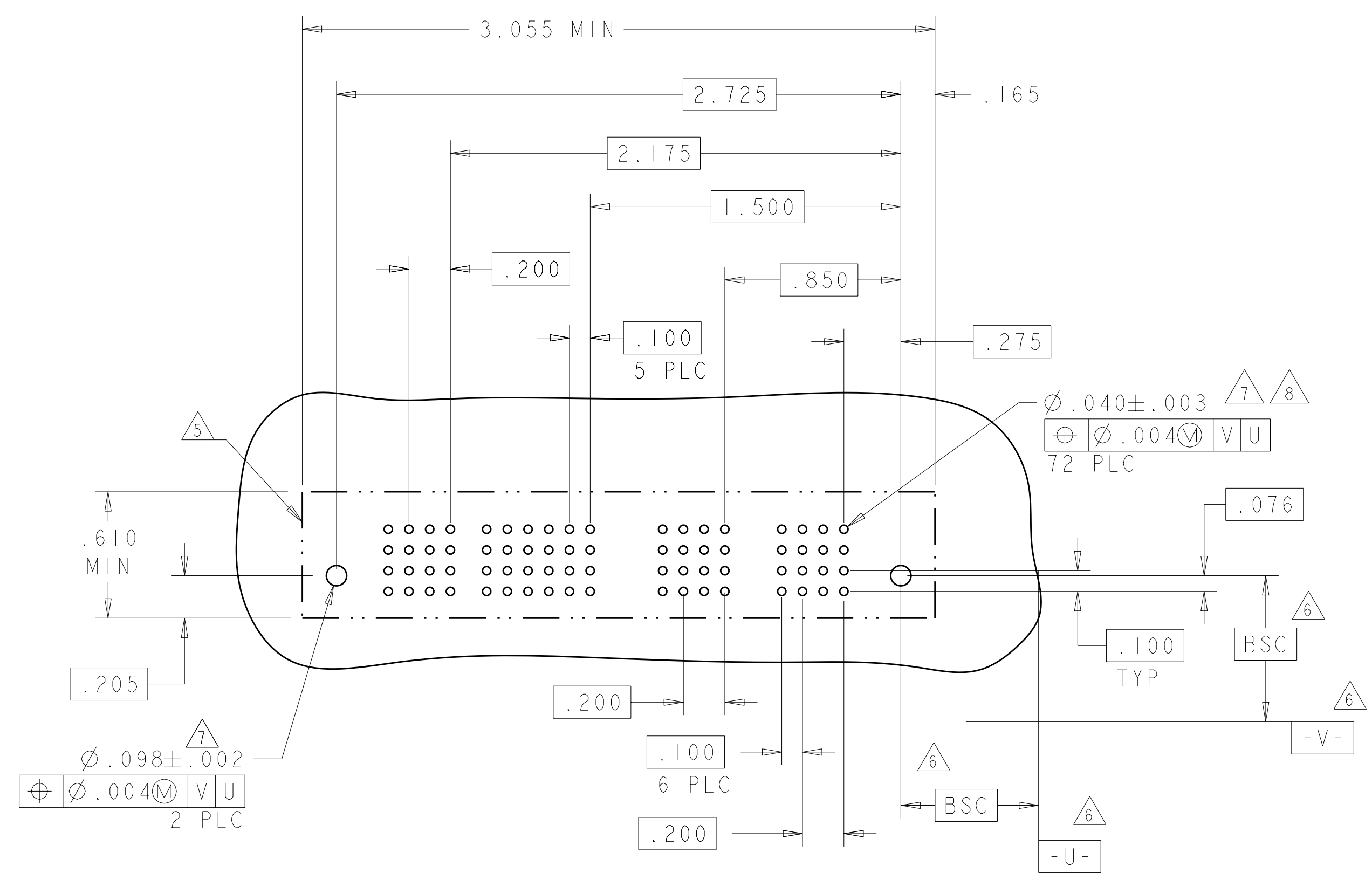
CODE	TAIL LENGTH	DESCRIPTION	CODE	TAIL LENGTH
VN	.090	STD		
VM	.135	STD		
VB	.090	MFBL	J	.090
VA	.135	MFBL	E	.135

DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.01 5 PLC ±.01 4 PLC ±.005 ANGLES ±.0020		DWN: R. GRZYBOWSKI 16FEB05 CHK: M. PERCHERKE 16FEB05 APVD: M. PERCHERKE PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - FINISH: -		Tyco Electronics Corporation Harrisburg, PA 17105-3608 NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL SIZE: A100779 CAGE CODE: C=6450150 SCALE: 1:1 SHEET: 2 OF 9 REV: G	
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LOC		DIST		REVISIONS			
GP	00	P	LTB	DESCRIPTION	DATE	DWN	APVD
-	-	-	-	SEE SHEET 1	-	-	-

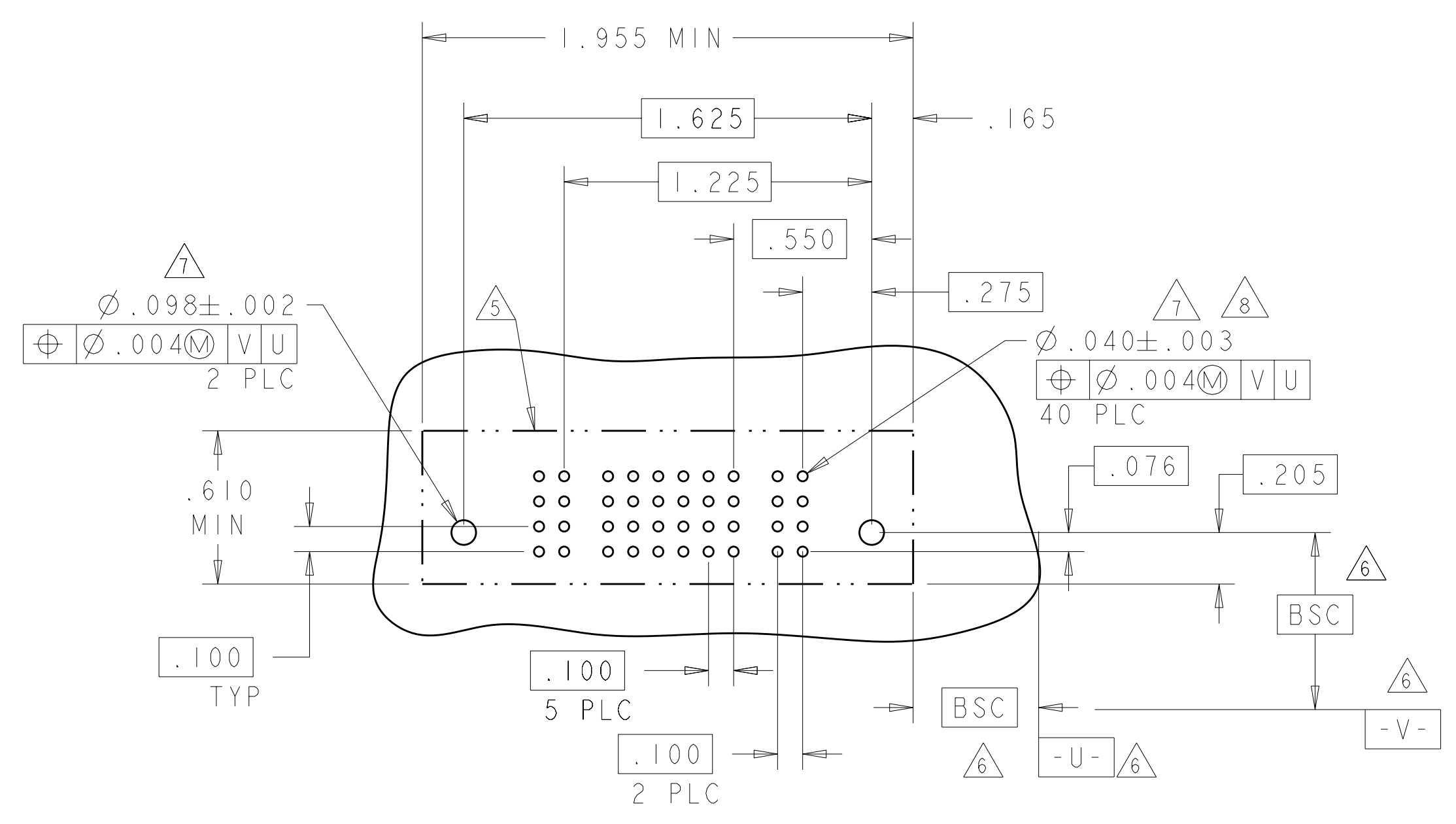
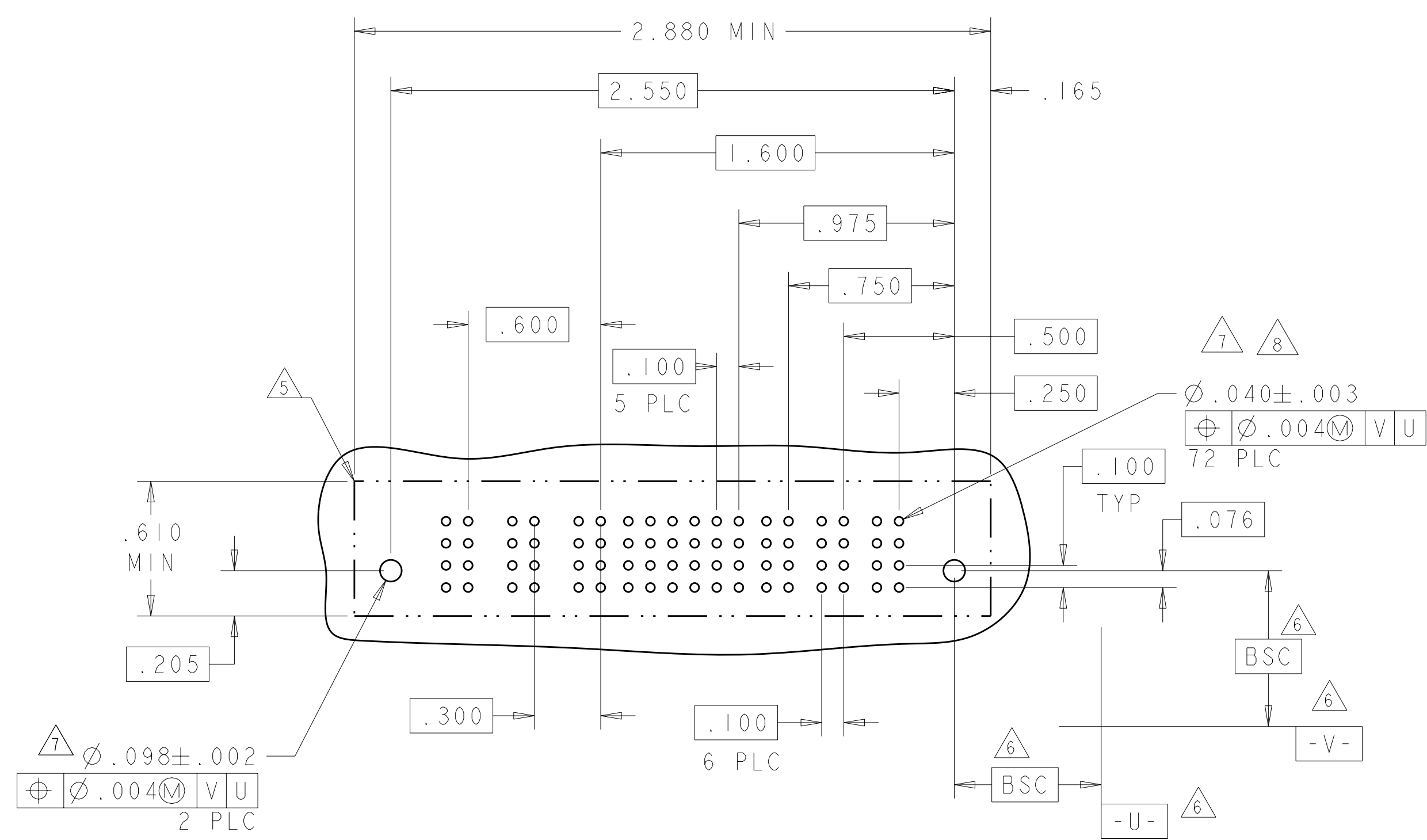
PART NUMBER	ROWS	POWER (L)					SIGNAL					POWER (R)													
		P7	P6	6	5	4	3	2	1	P5	P4	P3	P2	P1											
6450150-4	D	VB	VB	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J		
	C	VB	VB	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J		
	B	VB	VB	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J		
		A	HD																				HD		
		5P + 24S + 2P																							

PART NUMBER	ROWS	POWER (L)					SIGNAL					POWER (R)													
		P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1										
6450150-6	D	VB	VN	VB	VN	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J		
	C	VB	VN	VB	VN	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J		
	B	VB	VN	VB	VN	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J		
		A	HD																				HD		
		4P + 24S + 4P																							



PART NUMBER	ROWS	POWER (L)				SIGNAL					POWER (R)														
		P6	P5	P4	6	5	4	3	2	1	P3	P2	P1												
6450150-5	D	VM	VM	VM	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E			
	C	VM	VM	VM	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E			
	B	VM	VM	VM	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E			
		A	HD																				HD		
		3P + 24S + 3ACP																							

PART NUMBER	ROWS	POWER		SIGNAL					POWER			
		P2	6	5	4	3	2	1	P1			
6450150-8	D	VM	E	E	E	E	E	E	E	VA	VA	
	C	VM	E	E	E	E	E	E	E	VA	VA	
	B	VM	E	E	E	E	E	E	E	VA	VA	
		A	HD									HD
		1P + 24S + 1P										

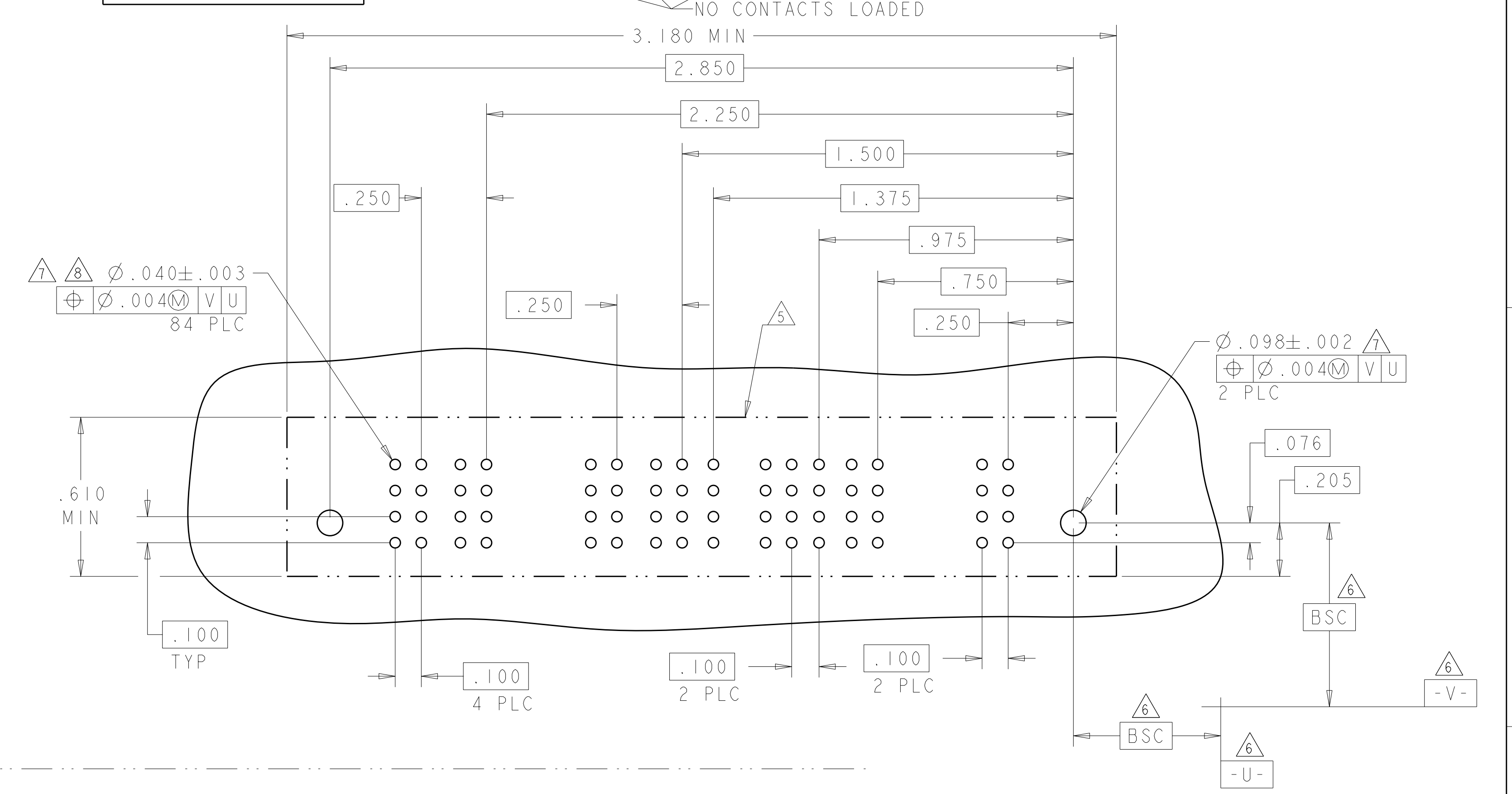
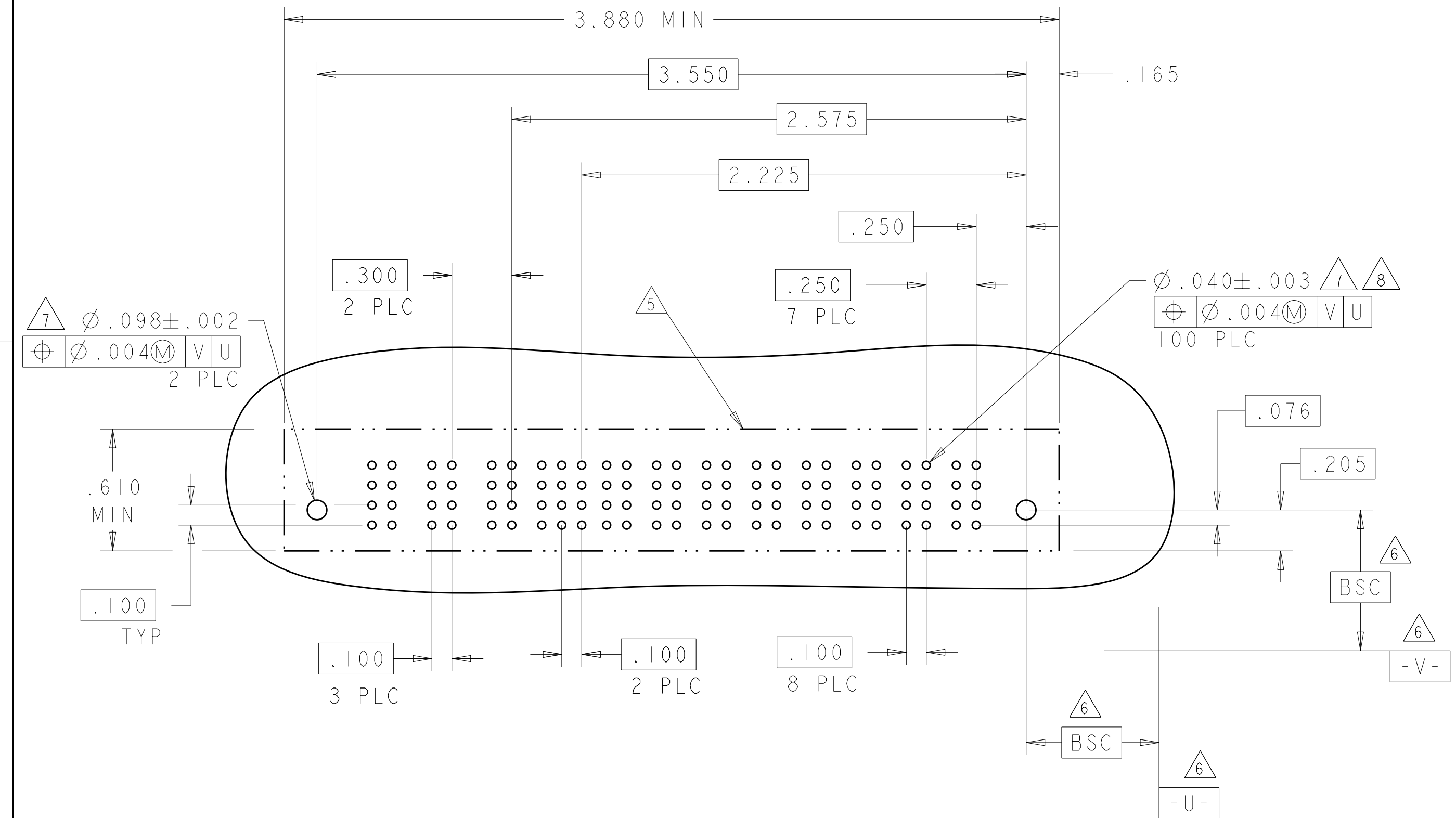


DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.01 5 PLC ±.01 4 PLC ±.005 ANGLES ±.0020		DWN R. GRZYBOWSKI 16FEB05 CHK M. PERCHERKE 16FEB05 APVD PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT CUSTOMER DRAWING		Tyco Electronics Corporation Harrisburg, PA 17105-3608 NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL SIZE CAGE CODE DRAWING NO A1100779C=6450150 SCALE 1:1 SHEET 3 OF 9 REV G	
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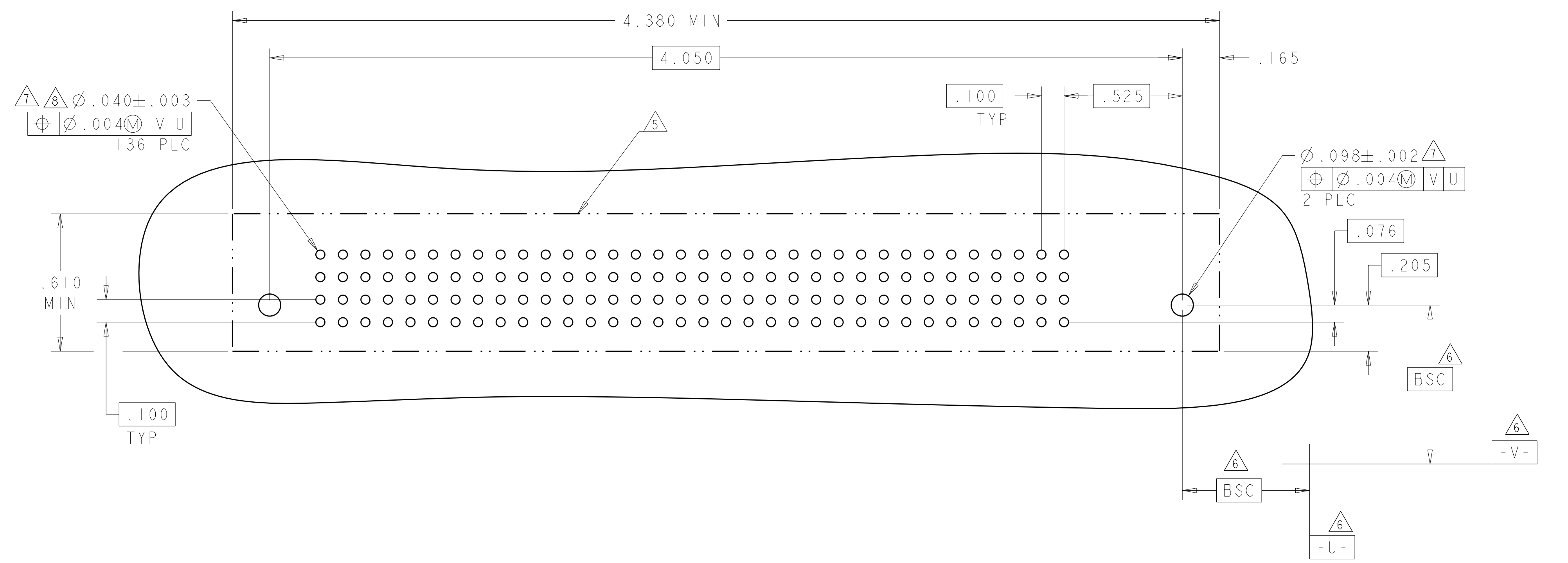
LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPD
		SEE SHEET 1			

PART NUMBER	ROWS	POWER (L)			SIGNAL					POWER						
		P11	P10	P9	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1	
1-6450150-3	D C B A	VM	VM	VA	E	E	E	E	E	E	E	VM	VM	VM		
		HD		HD												
		8P + 12S + 3ACP														

PART NUMBER	ROWS	POWER (L)					SIGNAL					POWER (R)		
		P8	P7	P6	P5	P4	5	4	3	2	1	P3	P2	P1
1-6450150-8	D C B A	VA	VA	VM	VM	VA	E	E	E	E	E	VM	VM	VM
		HD		HD										
		3P + 20S + 5P												

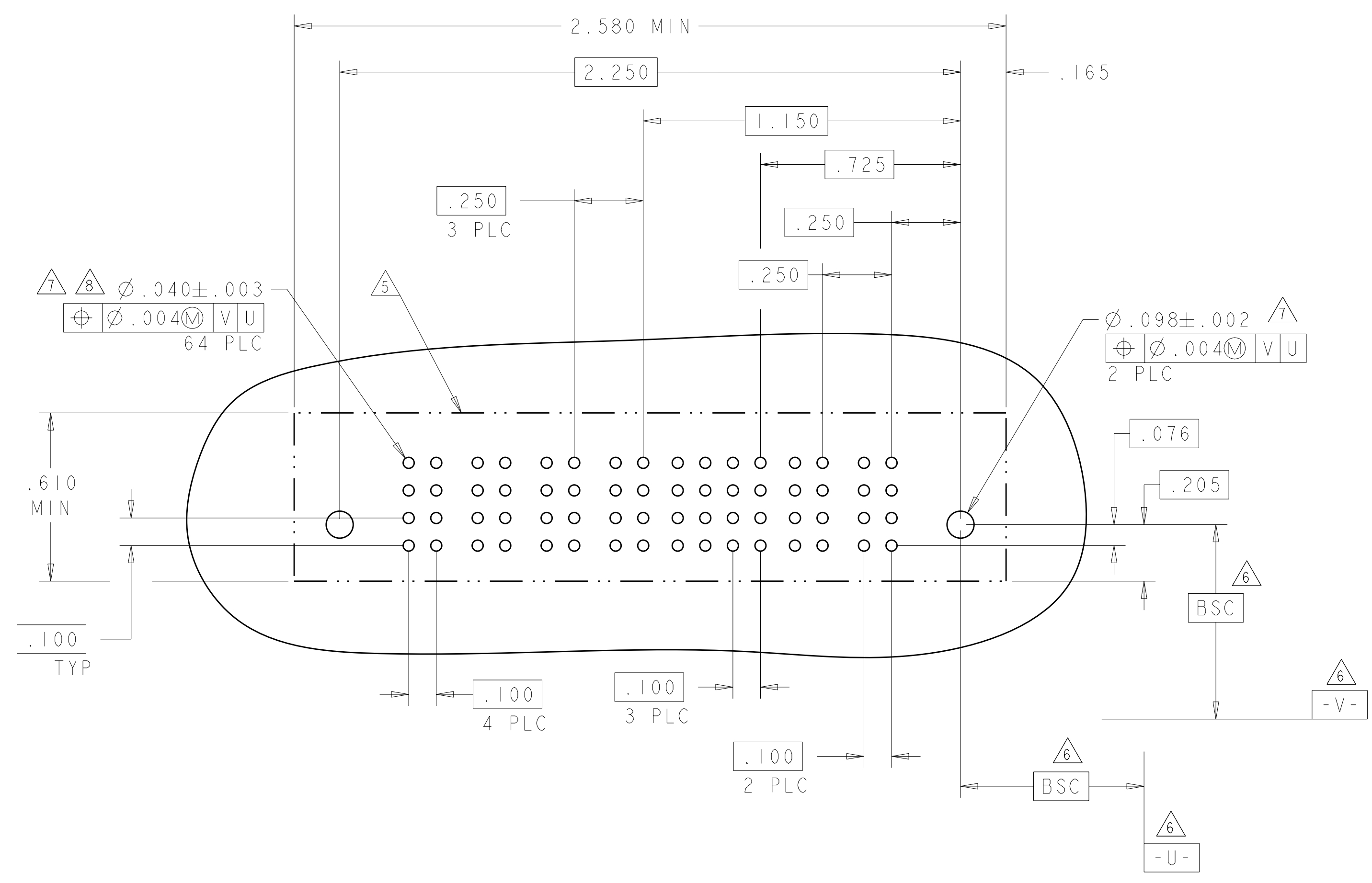


PART NUMBER	ROWS	SIGNAL																																				
		37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
1-6450150-9	D C B A	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
		HD																																				
		148S																																				

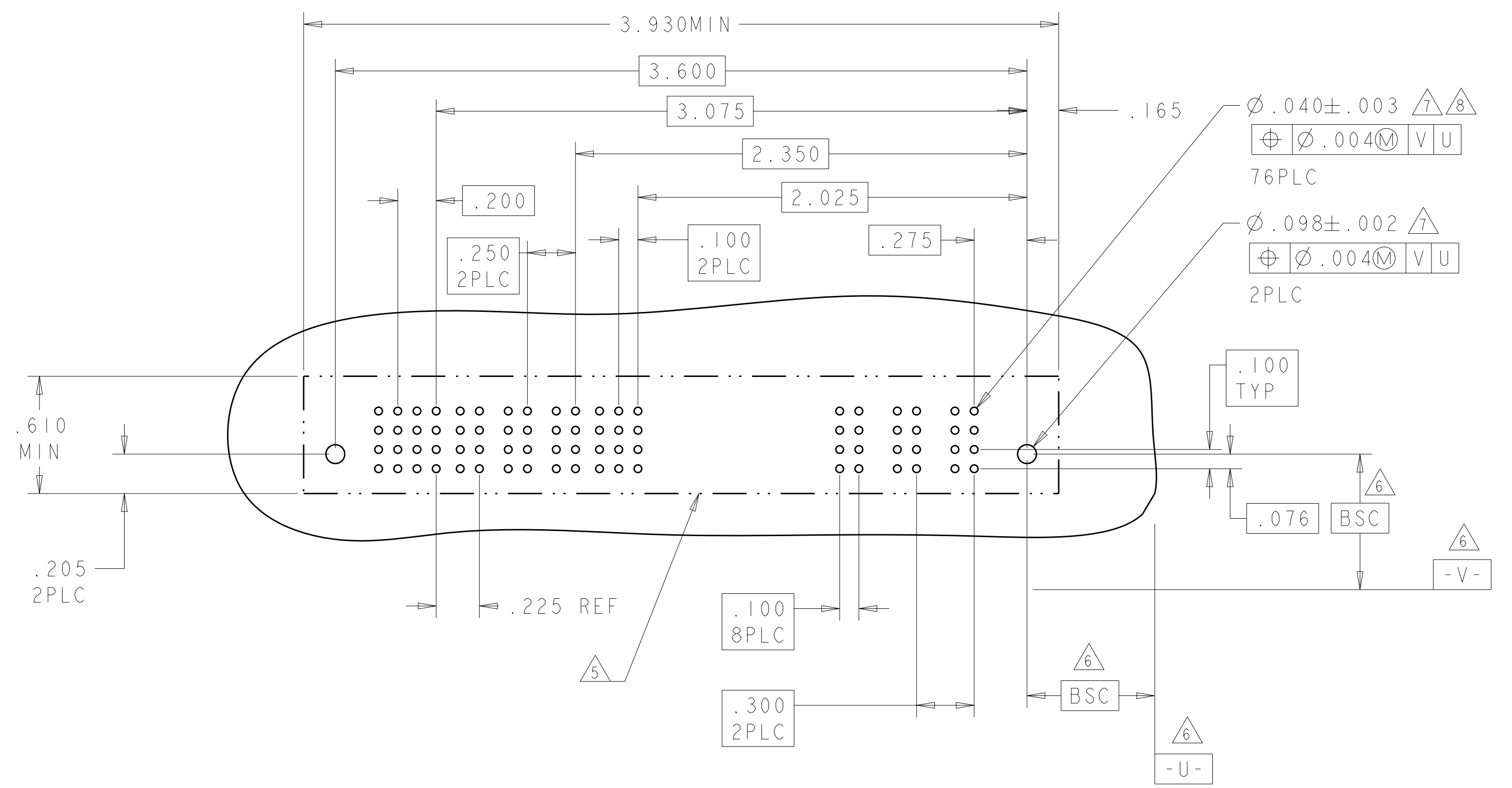


DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DRAWN: R. GRZYBOWSKI CHK: M. PERCHERKE APPD:		16FEB05 16FEB05		Tyco Electronics Corporation Harrisburg, PA 17105-3608	
9 PLC ±.01 1 PLC ±.01 5 PLC ±.005 4 PLC ±.0020 ANGLES ±.02		MATERIAL: - FINISH: -		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -		NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL		SIZE: A 00779 C=6450150	
				CUSTOMER DRAWING		SCALE: 1:1		SHEET 4 OF 9 REV G	

LOC		DIST		REVISONS			
P	LT#	DESCRIPTION	DATE	DWN	APVD		
GP	00	SEE SHEET 1					



PART NUMBER	ROWS		POWER				SIGNAL				POWER				
			P6	P5	P4	P3	4	3	2	1	P2	P1			
1-6450150-7	D C B A	○	VM	VM	VA	VA	E	E	E	E	E	E	VA	VM	○
			HD												HD
			2P + 16S + 4P												

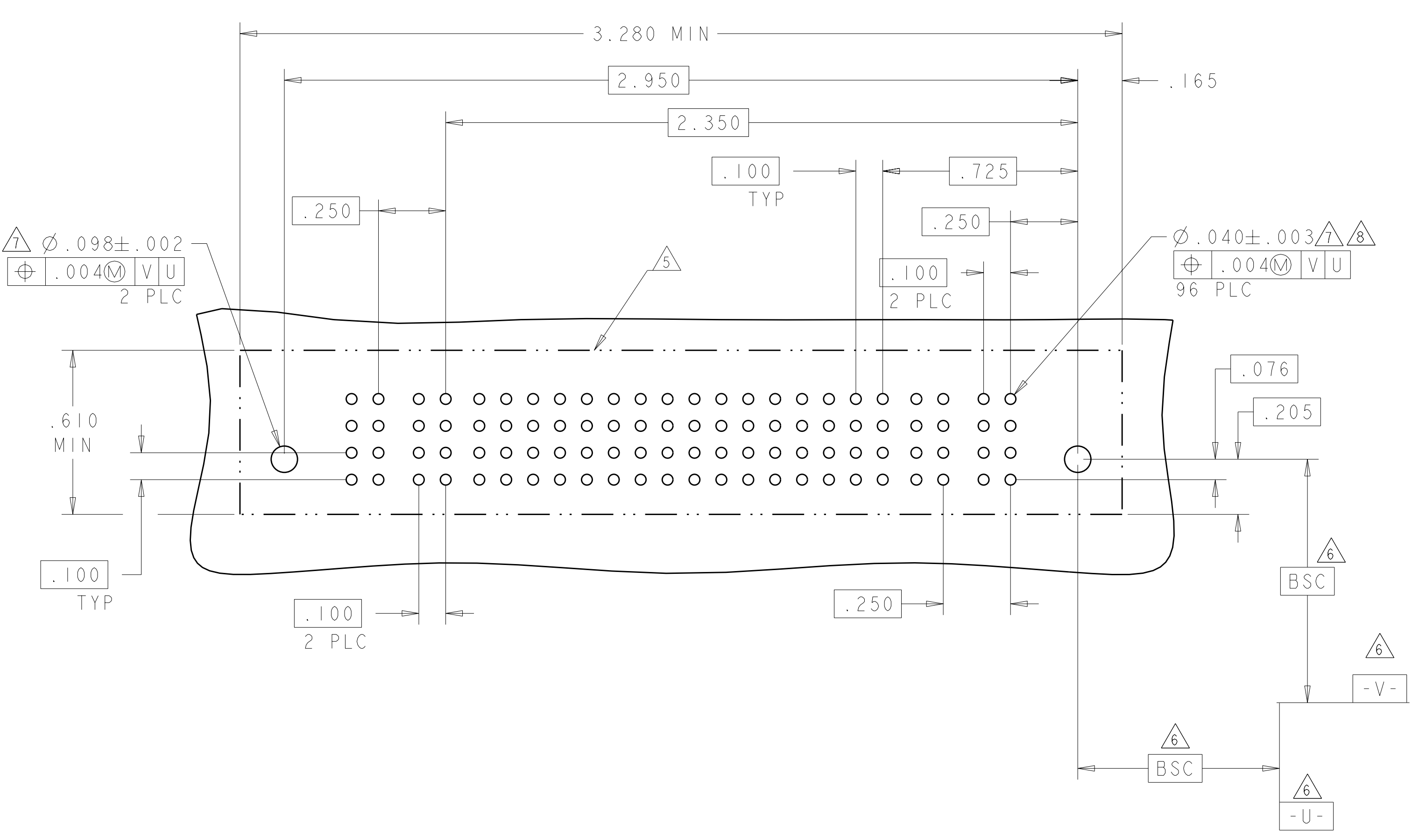


PART NUMBER	ROWS		POWER (L)				SIGNAL										POWER (R)									
			P8	P7	P6	P5	P4	12	11	10	9	8	7	6	5	4	3	2	1		P3	P2	P1			
2-6450150-0	D C B A	○	VM	VM	VM	VM	VM	E	E	E	E	E	E	E	E	E	E	E	E	E	E	VA	VM	VM	○	
			HD																						HD	
			3ACP + 48S + 5P																							

NO CONTACTS LOADED

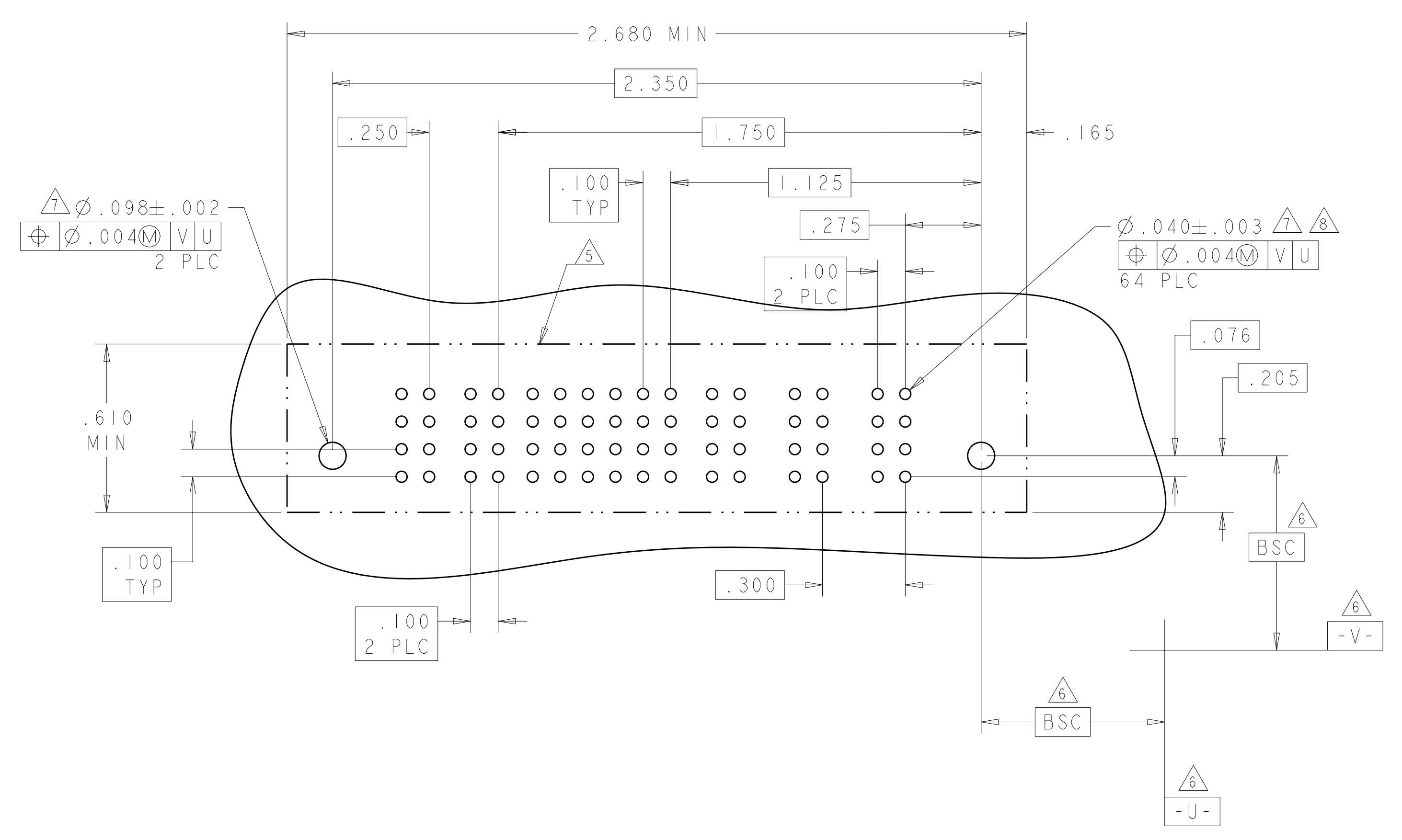
DIMENSIONS: INCHES:		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±. 8 PLC ±.01 5 PLC ±.005 4 PLC ±.0020 ANGLES ±.02°		DWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE NAME:		16FE805 16FE805 PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT:		Tyco Electronics Corporation Harrisburg, PA 17105-3608	
MATERIAL:		FINISH:		CUSTOMER DRAWING		SIZE: CAGE CODE: DRAWING NO: A100779C-6450150 RESTRICTED TO:		SCALE: 1:1 SHEET 5 OF 9 REV G	

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														
2-6450150-1	D	○	VB	VN	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	VN	VB	○	HD	
	C				J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J					
	B				J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J					J
	A				J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J					J
					2P + 64S + 2P																															



LOC	DIST	REVISIONS				
GP	00	P	LTB	DATE	DWN	APVD
		- SEE SHEET 1				

PART NUMBER	ROWS		POWER		SIGNAL							POWER									
			P5	P4	6	5	4	3	2	1	P3	P2	P1								
6450150-9	D	○	VM	VM	E	E	E	E	E	E	E	E	E	E	VA	VM	VM	VM	○	HD	
	C				E	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				E
	A				E	E	E	E	E	E	E	E	E	E	E	E	E				E
					3ACP+24S+2P																

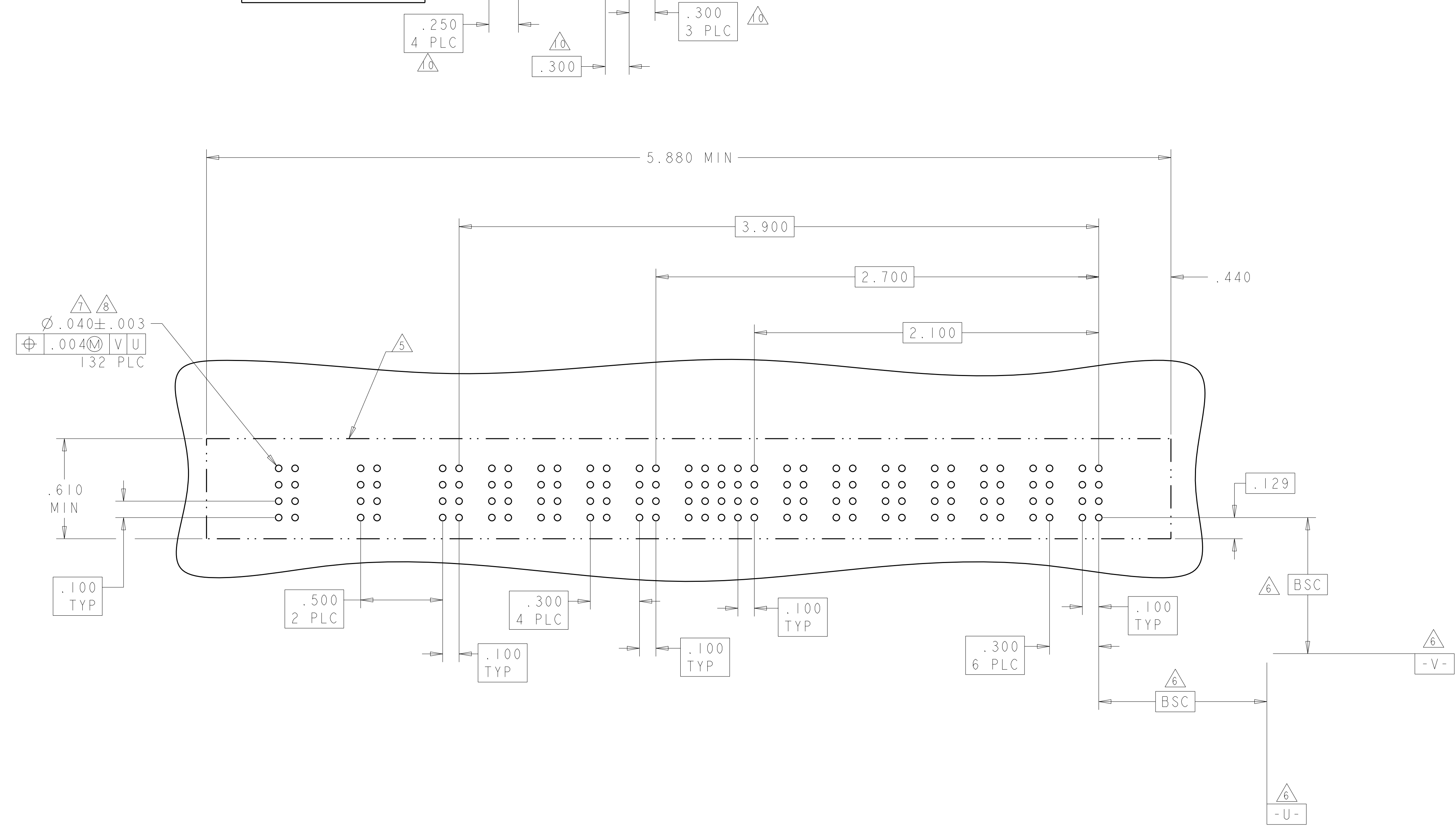


DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI 16FEB05		Tyco Electronics Corporation Harrisburg, PA 17105-3608	
9 PLC ±.01		1 PLC ±.005		CHK M. PERCHERKE 16FEB05		NAME	
5 PLC ±.01		4 PLC ±.0020		APVD		PRODUCT SPEC	
MATERIAL		FINISH		108-1973		APPLICATION SPEC	
				114-13038		SIZE CAGE CODE DRAWING NO	
				100779		RESTRICTED TO	
				C=6450150		SCALE 1:1 SHEET 6 OF 9 REV G	
CUSTOMER DRAWING							

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

NO CONTACTS LOADED

PART NUMBER	ROWS	POWER (L)								SIGNAL					POWER (R)							
		P16	P15	P14	P13	P12	P11	P10	P9	P8	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1
2-6450150-2	D	VA									E	E	E	E	E	VM	VM	VM	VM	VM	VM	VM
	C										E	E	E	E	E							
	B										E	E	E	E	E							
7ACP+20S+4ACP+5P																						

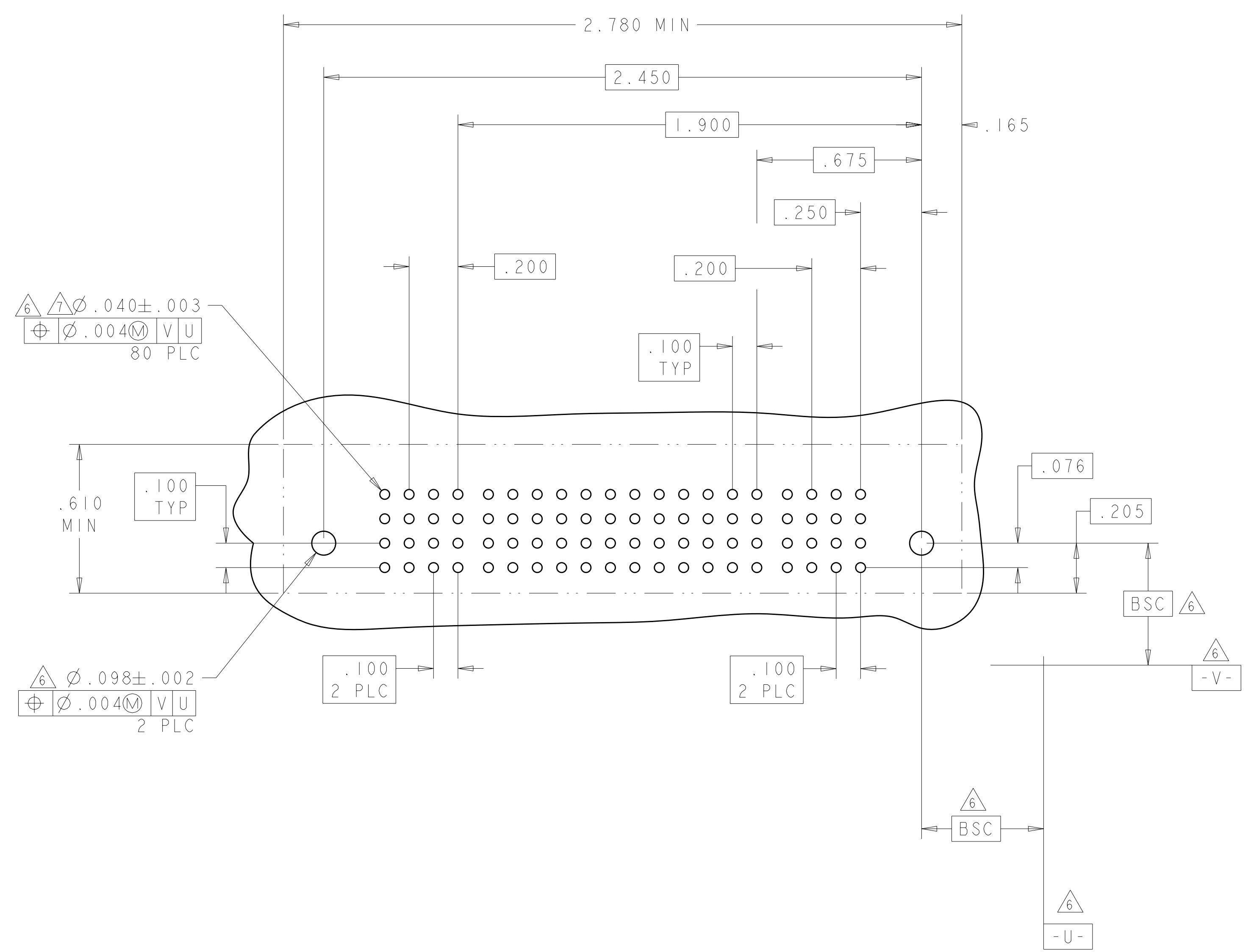
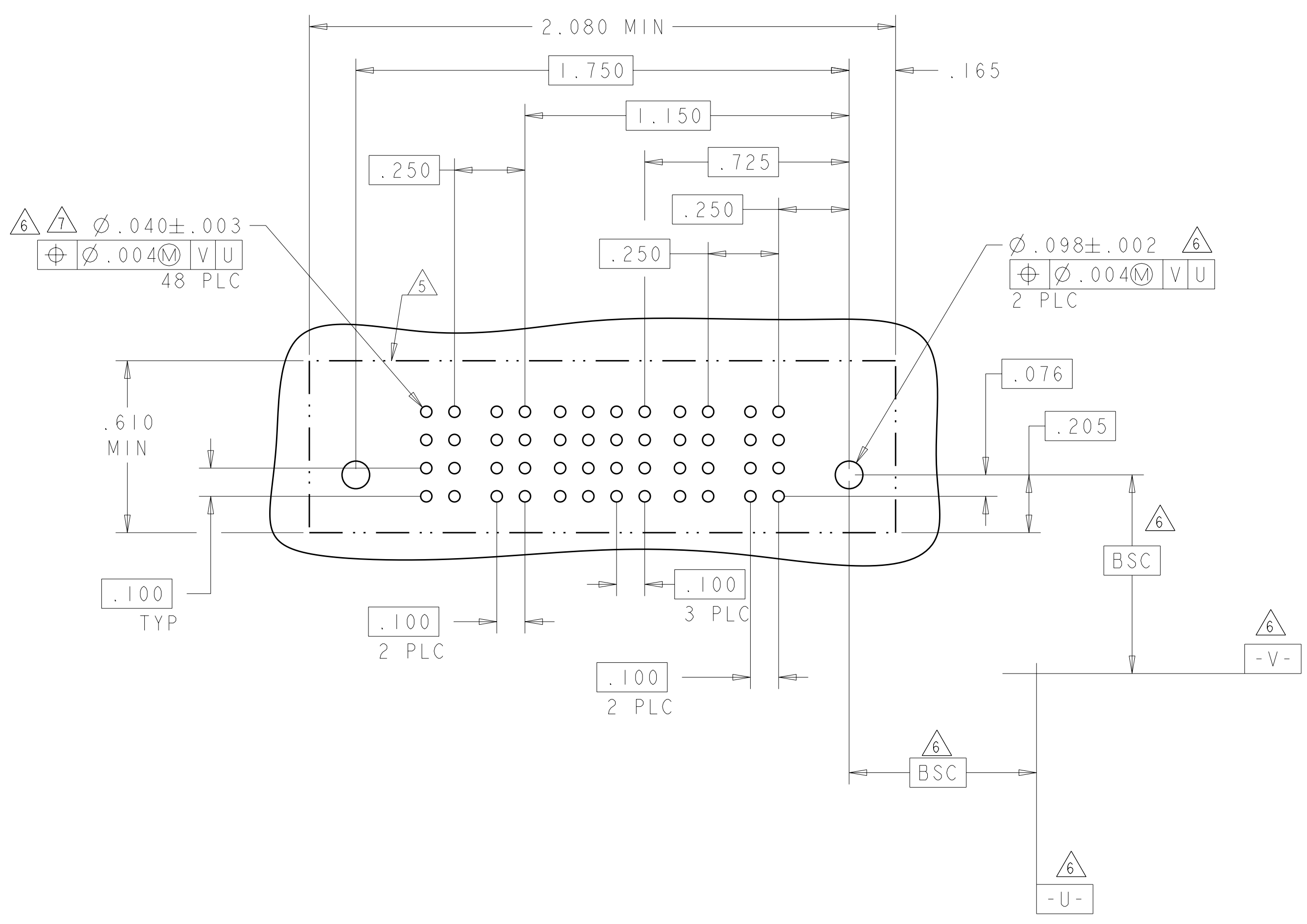


DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		APVD		NAME	
INCHES		9 PLC	±	R. GRZYBOWSKI		16FEB05		Tyco Electronics Corporation	
		1 PLC	±.01	M. PERCHERKE		16FEB05		Harrisburg, PA 17105-3608	
		5 PLC	±.005	M. PERCHERKE		-		Tyco Electronics	
		4 PLC	±.0020	-		-		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
MATERIAL		FINISH		PRODUCT SPEC		APPLICATION SPEC		RESTRICTED TO	
-		-		108-1973		114-13038		A 00779 C=6450150	
-		-		WEIGHT		CUSTOMER DRAWING		SCALE 1:1 SHEET 7 OF 9 REV G	

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

PART NUMBER	ROWS	POWER		SIGNAL				POWER		
		P4	P3	4	3	2	1	P2	P1	
2-6450150-3	D C B A	HD	VM	VM	E	E	E	E	VA	VA
					E	E	E	E		
					E	E	E	E		
					E	E	E	E		
2P + 16S + 2P										

PART NUMBER	ROWS	POWER		SIGNAL								POWER							
		P4	P3	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1		
2-6450150-4	D C B A	HD	VM	VA	E	E	E	E	E	E	E	E	E	E	E	E	E	VA	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		
2P + 48S + 2P																			



<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small>		DWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE	16FEB05 16FEB05		Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: INCHES TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.01 8 PLC ±.01 5 PLC ±.005 4 PLC ±.0020 ANGLES ±.020		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -		NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL SIZE: 114-13038 CAGE CODE: A100779 DRAWING NO: C-6450150	
MATERIAL: - FINISH: -		CUSTOMER DRAWING		SCALE: 1:1 SHEET: 8 OF 9 REV: G	

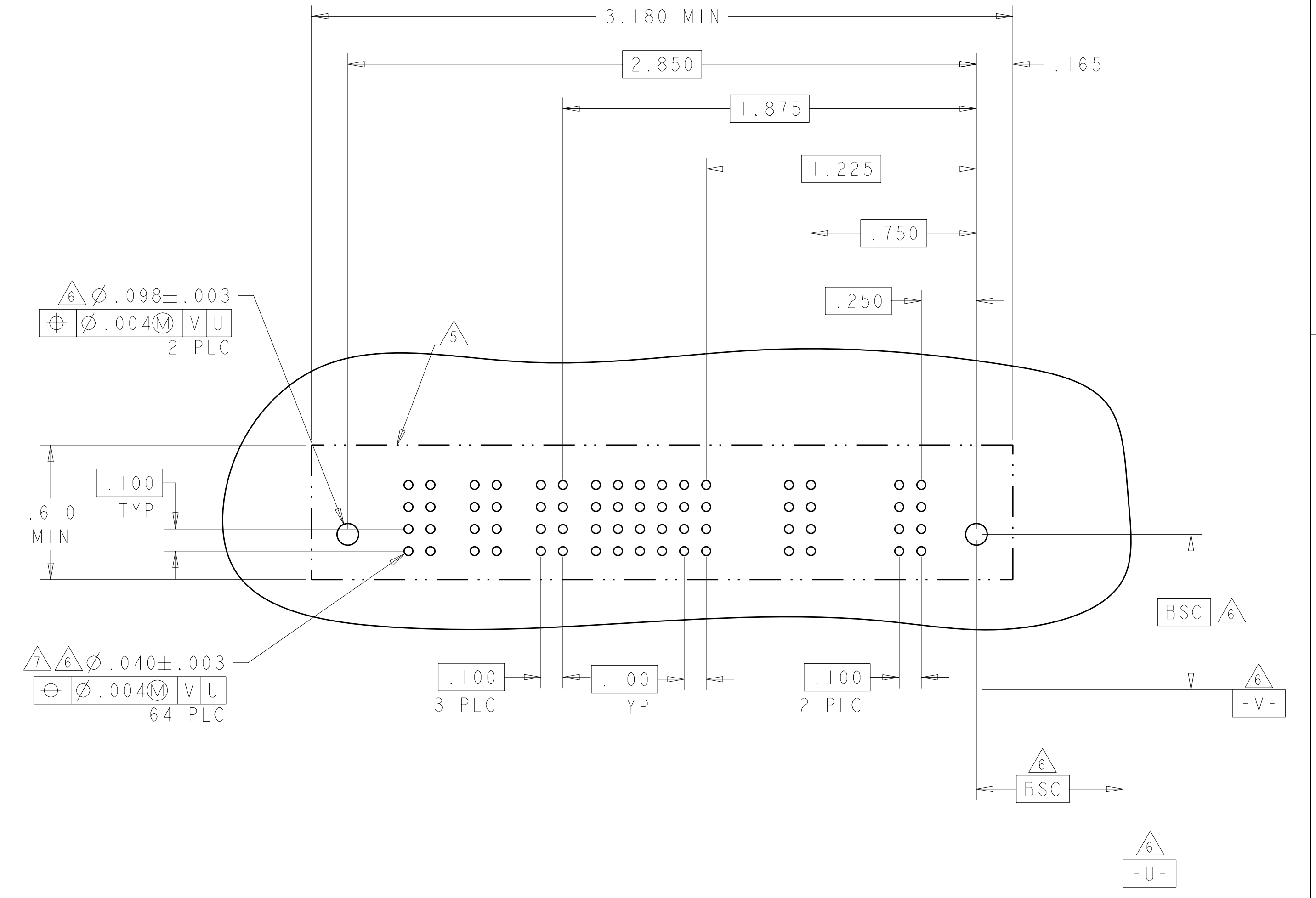
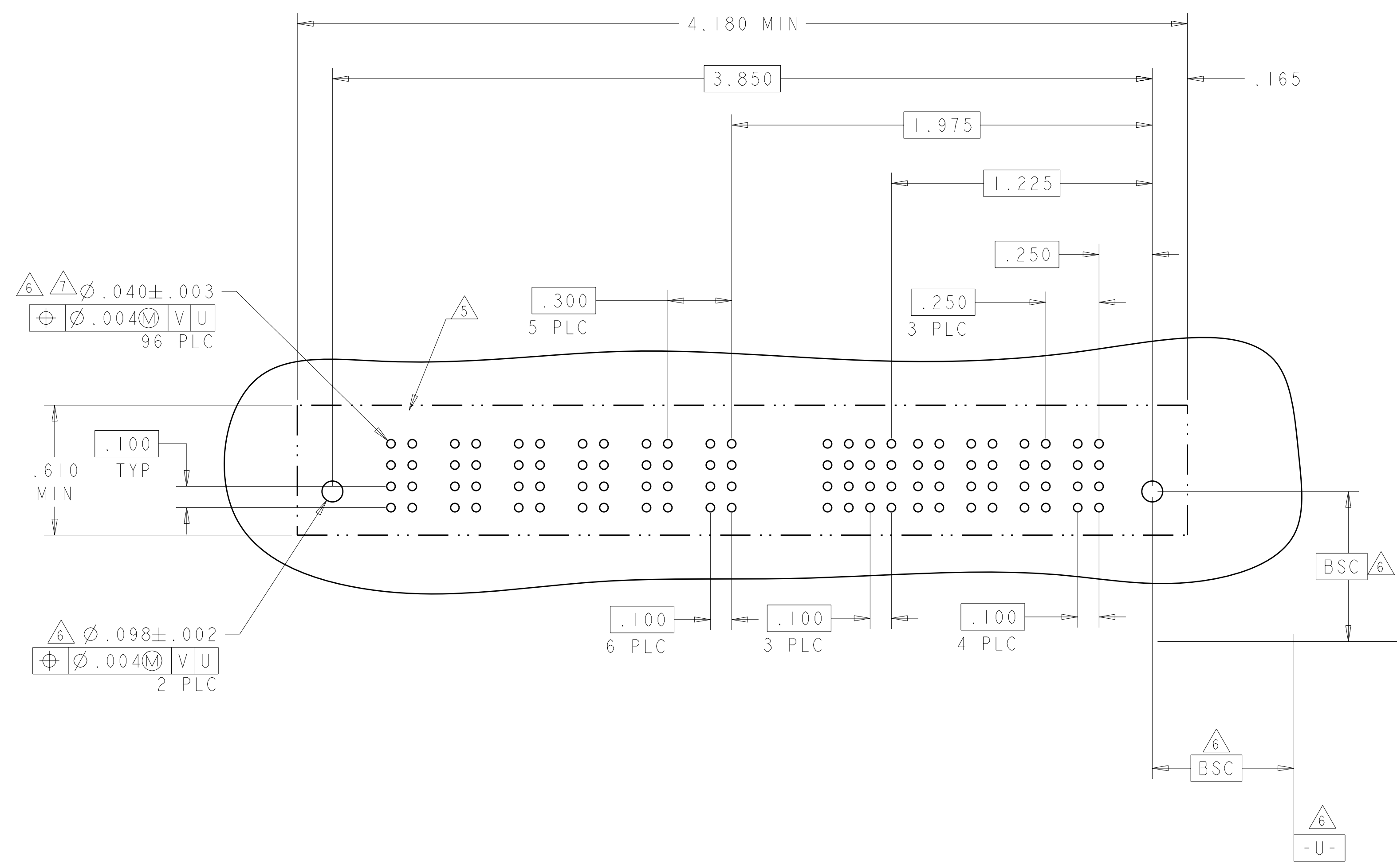
LOC	DIST	REV	DATE	BY	APPD
GP	00				
DESCRIPTION			DATE	BY	APPD
SEE SHEET 1					

PART NUMBER	ROWS	POWER								SIGNAL				POWER					
		P11	P10	P9	P8	P7	P6	P5		4	3	2	1	P4	P3	P2	P1		
2-6450150-5	D									E	E	E	E						
	C	VM	VA	VM	VM	VA	VM		E	E	E	E	VM	VM	VM	VM			
	B								E	E	E	E							
	A								E	E	E	E							
4P + 16S + 7ACP																			

PART NUMBER	ROWS	POWER (L)			SIGNAL							POWER (R)			
		P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	
2-6450150-6	D	VM	VM	VA	E	E	E	E	E	E					
	C				E	E	E	E	E	E	VM	VM	VM	VM	
	B				E	E	E	E	E	E					
	A				E	E	E	E	E	E					
4P + 24S + 3ACP															

(F1)

NO CONTACT LOADED



DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±. 8 PLC ±.01 5 PLC ±.005 4 PLC ±.0020 ANGLES ±.02°		DWN R. GRZYBOWSKI 16FEB05 CHK M. PERCHERKE 16FEB05 APVD M. PERCHERKE NAME PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT CUSTOMER DRAWING		Tyco Electronics Corporation Harrisburg, PA 17105-3608 VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL SIZE CAGE CODE DRAWING NO RESTRICTED TO A1100779C=6450150 SCALE 1:1 SHEET 9 OF 9 REV G	
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