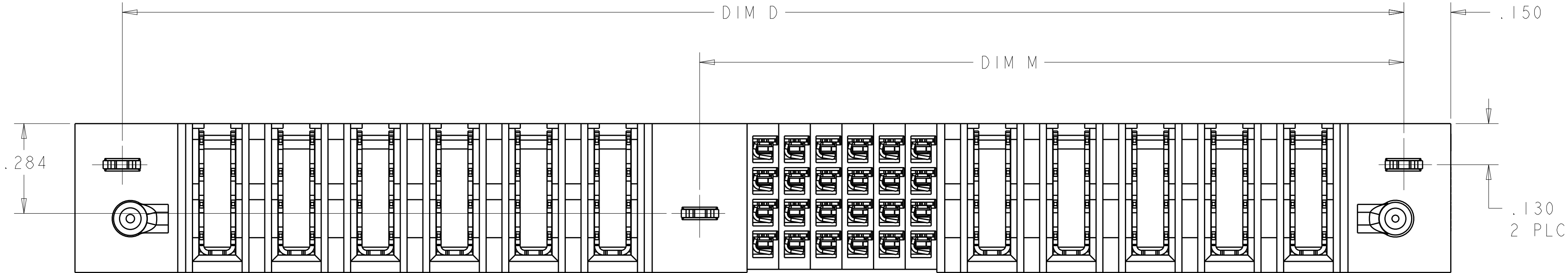
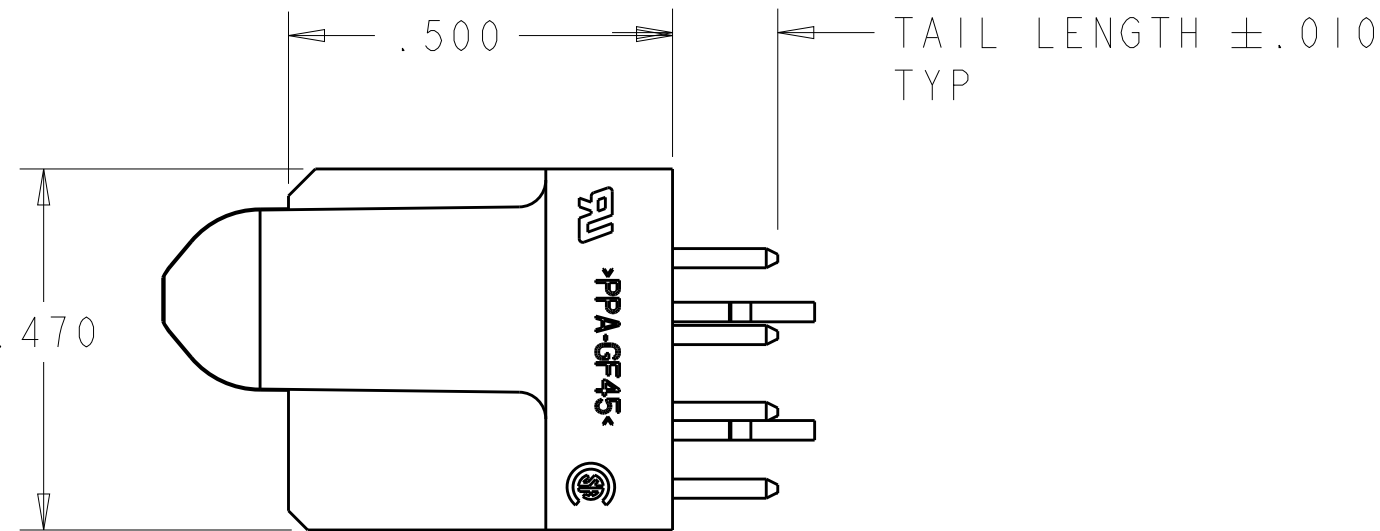
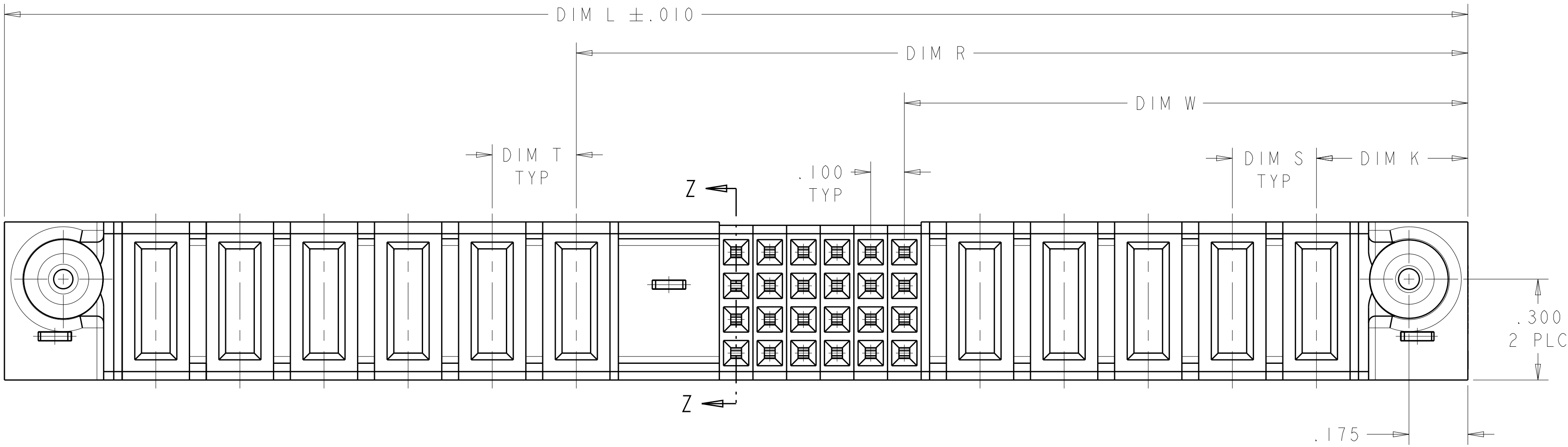
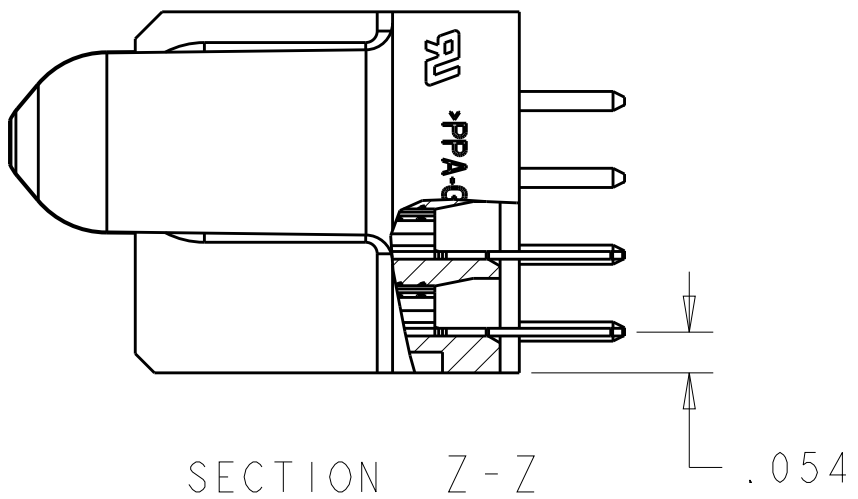
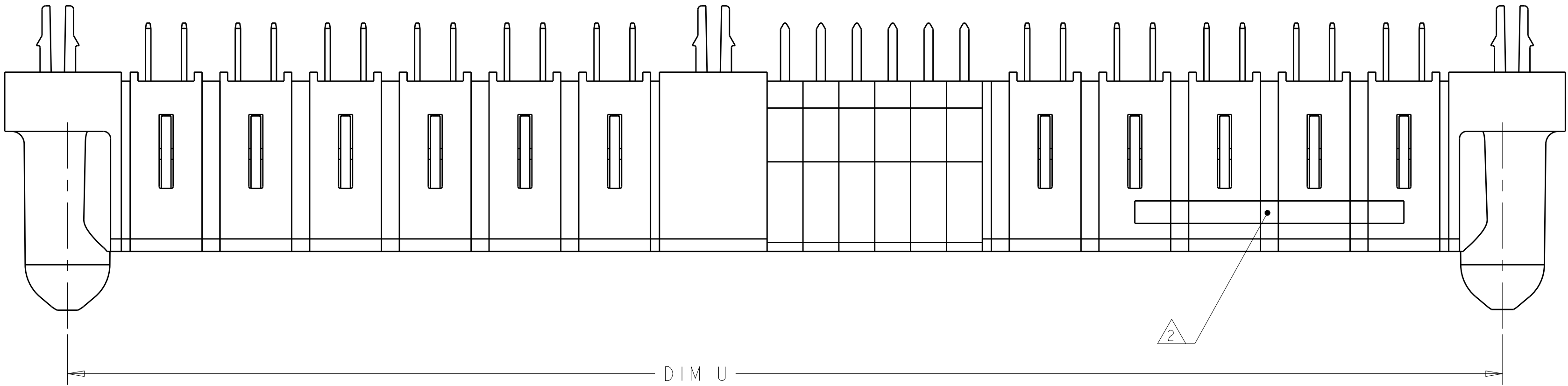


LOC		DIST		REVISIONS			
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		E1		ADD 3-6450140-4	02APR2011	OL	SZ
		E2		REV PER ECR-11-008606	29APR2011	OL	SZ
		E3		ADDED NEW DASH NUMBER 3-5 AND 3-6	09MAR2012	CZ	SZ
		E4		REVISED	23APR2012	CZ	SZ



- 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.		DWN R.GRZYBOWSKI	15FEB05	TE Connectivity	
		CHK M.PERCHEKKE	15FEB05		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±"		PRODUCT SPEC	
		1 PLC ±.01		108-1973	
		2 PLC ±.01		APPLICATION SPEC	
		3 PLC ±.005		114-13038	
		4 PLC ±.0020		WEIGHT	
		ANGLES ±2°		CUSTOMER DRAWING	
MATERIAL		FINISH		SCALE 2:1	
-		-		SHEET 1 OF 11	
3		4		REV E4	

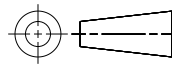
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

E3

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.

DIMENSIONS:
INCHES



TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

-

DWN
R.GRZYBOWSKI
CHK
M.PERCHEKKE
APVD
M.PERCHEKKE

1SFEB05
1SFEB05

PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038

WEIGHT
-

CUSTOMER DRAWING

NAME
VERTICAL RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL

SIZE
A1

CAGE CODE
100779

DRAWING NO
6450140

RESTRICTED TO
-

SCALE
2:1

SHEET
2

OF
11

REV
E4

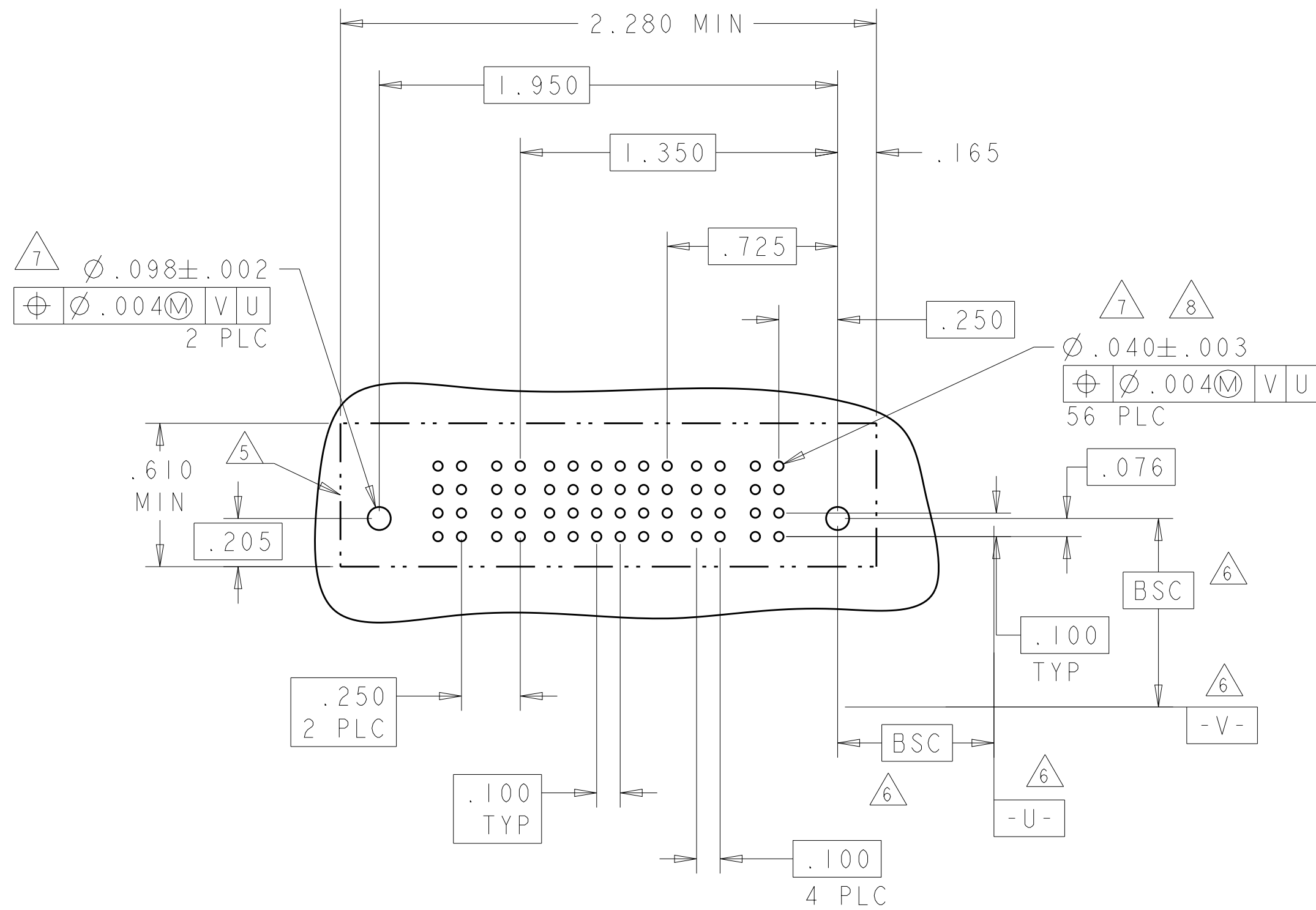
TE Connectivity

[illegible][illegible]

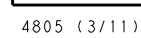
J	.090
E	.135
CODE	TAIL LENGTH
SIGNAL CONTACT	

4805 (3/11)

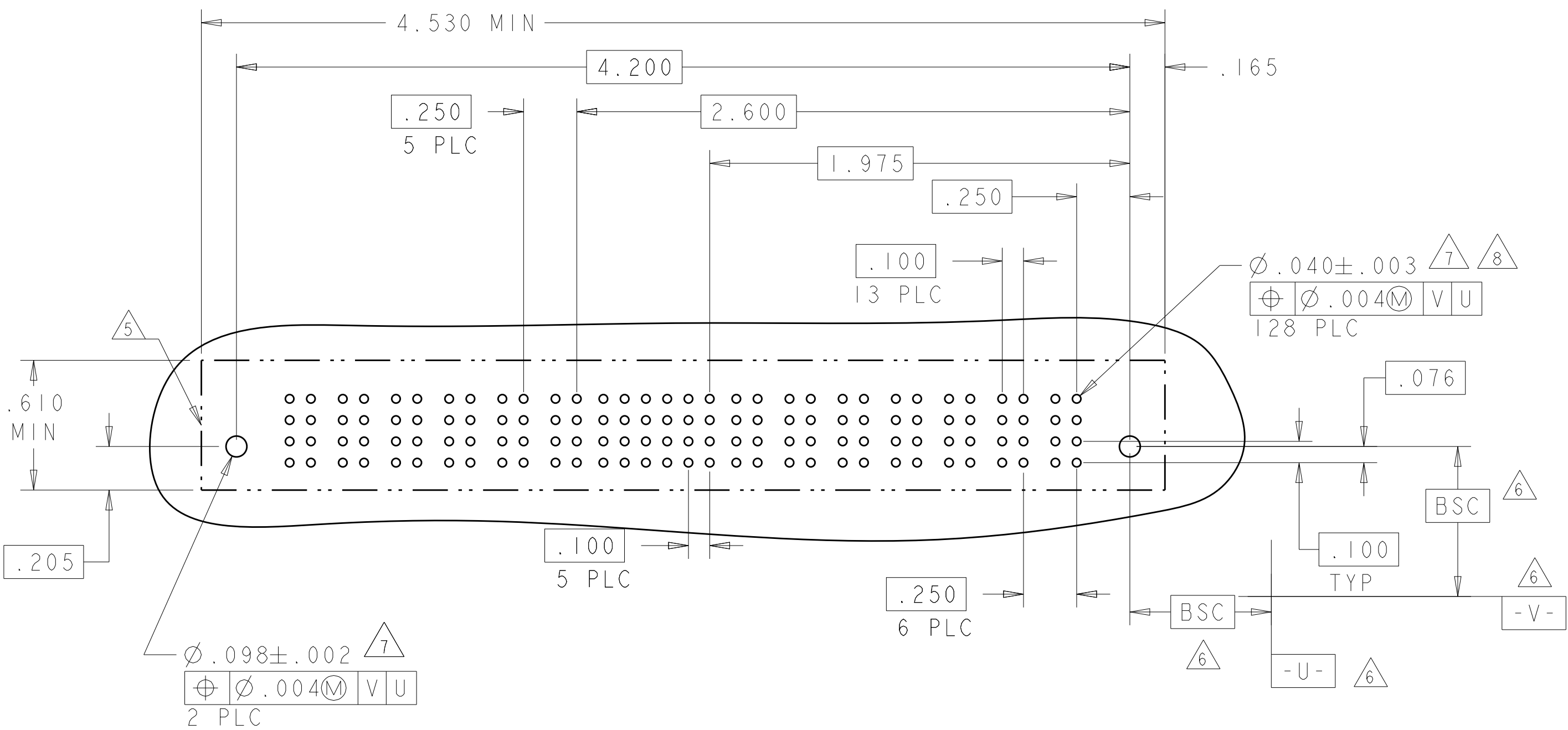
PART NUMBER	ROWS		POWER		SIGNAL						POWER				
			P4	P3	6	5	4	3	2	1	P2	P1			
6450140-5	D C B A	HD	VA	VA	F	F	F	F	F	F	F	F	VA	VA	HD
					F	F	F	F	F	F	F	F			
					F	F	F	F	F	F	F	F			
					F	F	F	F	F	F	F	F			
2P + 24S + 2P															



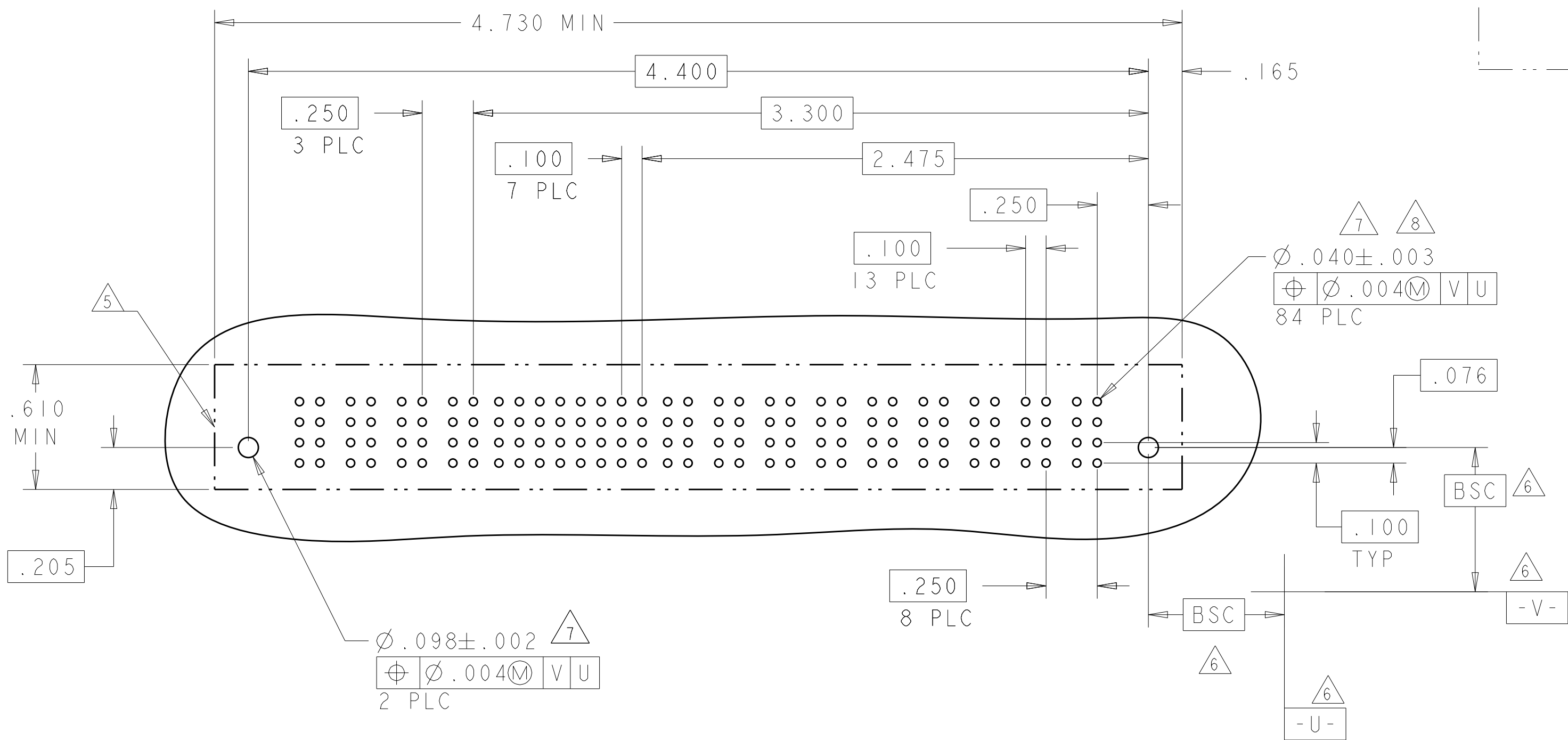
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: GRZYBOWSKI 15FE005 CHK: M. PERCHERKE 15FE005		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS: ±. FRACTIONS: ±. HOLE DIA: ±.01 HOLE DIA: ±.005 HOLE DIA: ±.0020 ANGLES: ±°		NAME:	
		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
MATERIAL: -		FINISH: -		SIZE: CAGE CODE: DRAWING NO:	
CUSTOMER DRAWING:		WEIGHT: -		A100779C6450140	
				RESTRICTED TO: -	
				SCALE: 2:1 SHEET 4 OF 11 REV: E	



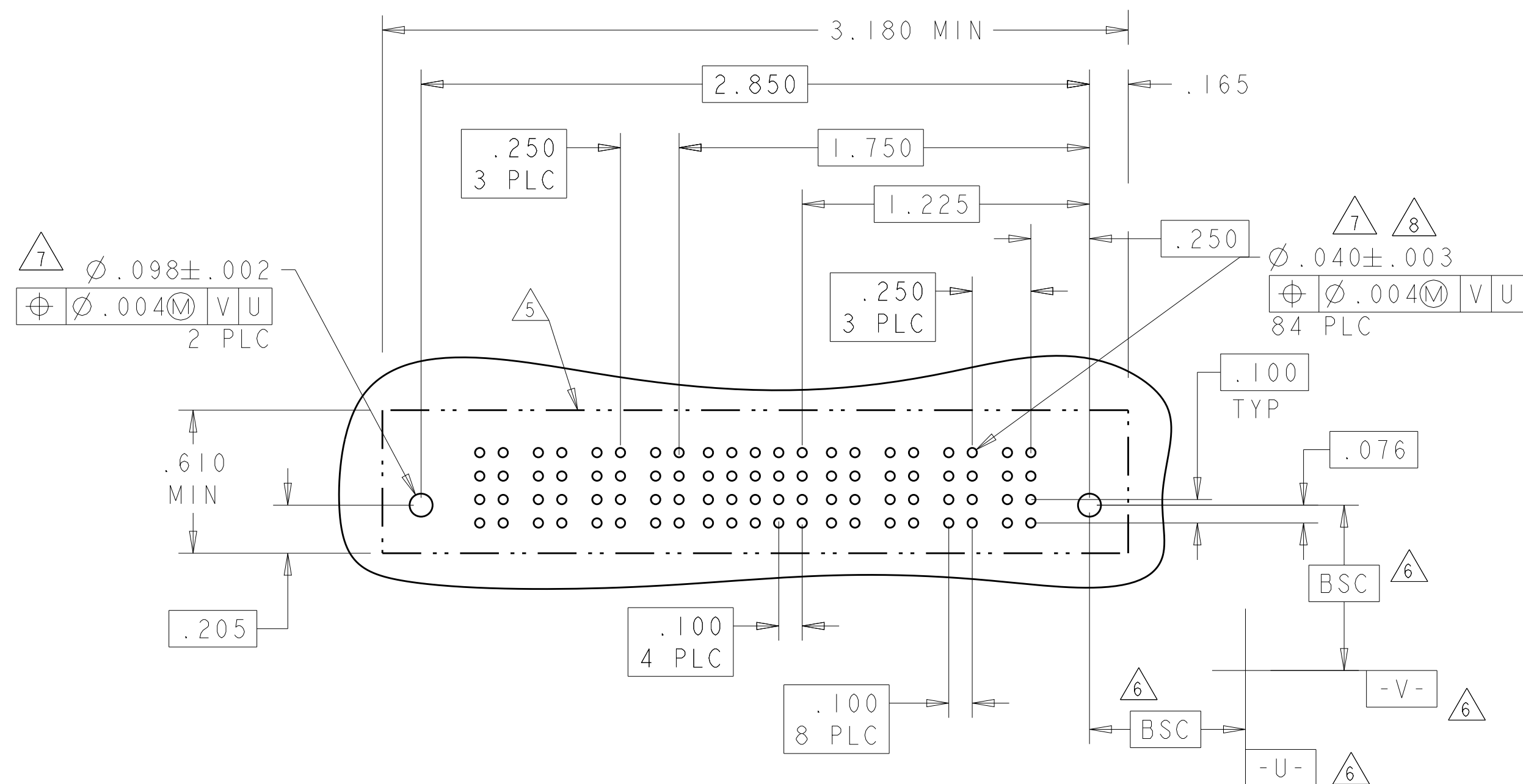
PART NUMBER	ROWS		POWER						SIGNAL							POWER								
			P13	P12	P11	P10	P9	P8	6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1			
6450140-8	D C B A		VA	VA	VA	VA	VA	VA	F	F	F	F	F	F	F	VA	VA	VA	VA	VA	VA	VA		
																								
7P + 24S + 6P																								



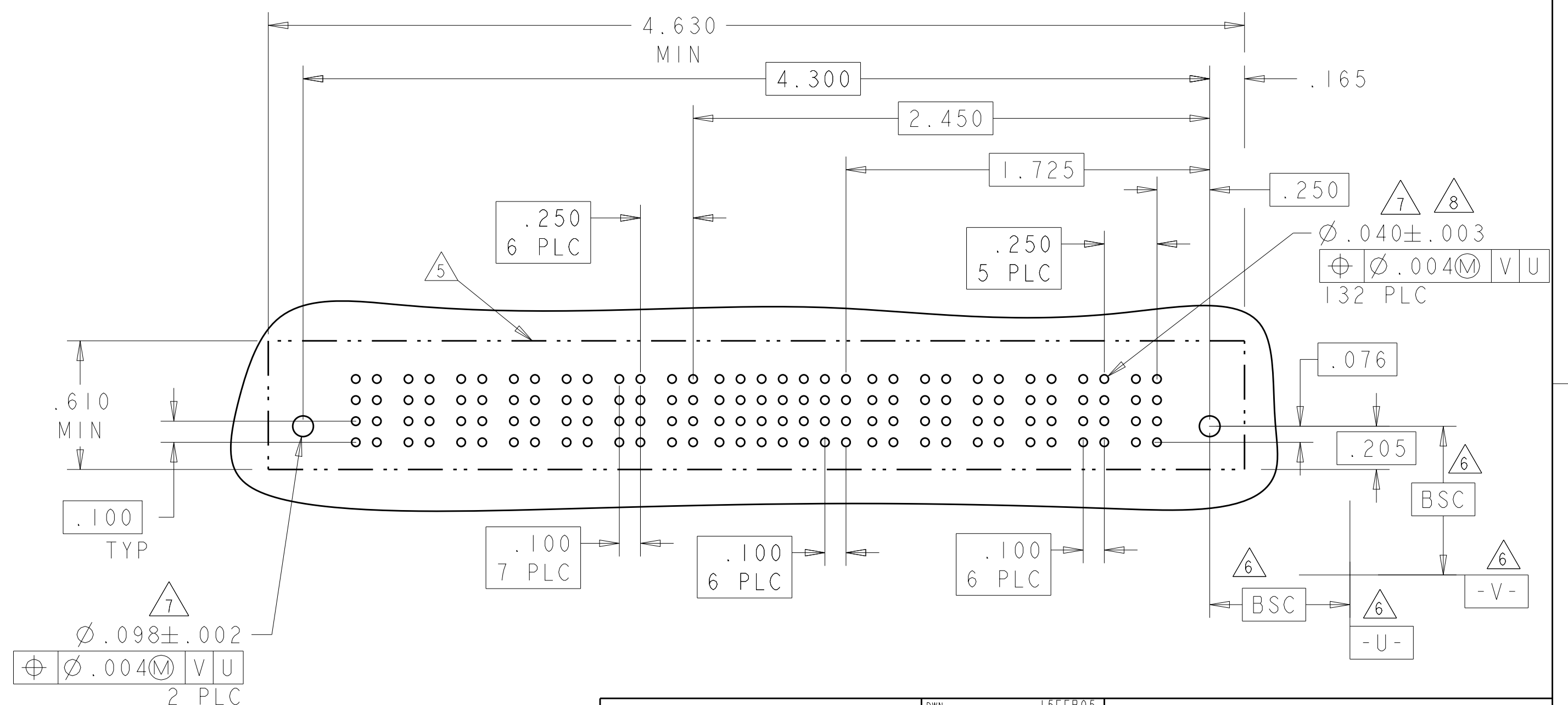
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 15FEB05		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±°		NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		CHW M. PERCHERKE APVD M. PERCHERKE PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE A	
MATERIAL		WEIGHT		CAGE CODE DRAWING NO	
FINISH		-		00779 ©=6450140	
		CUSTOMER DRAWING		SCALE 2:1 SHEET 5 OF 11 REV E4	



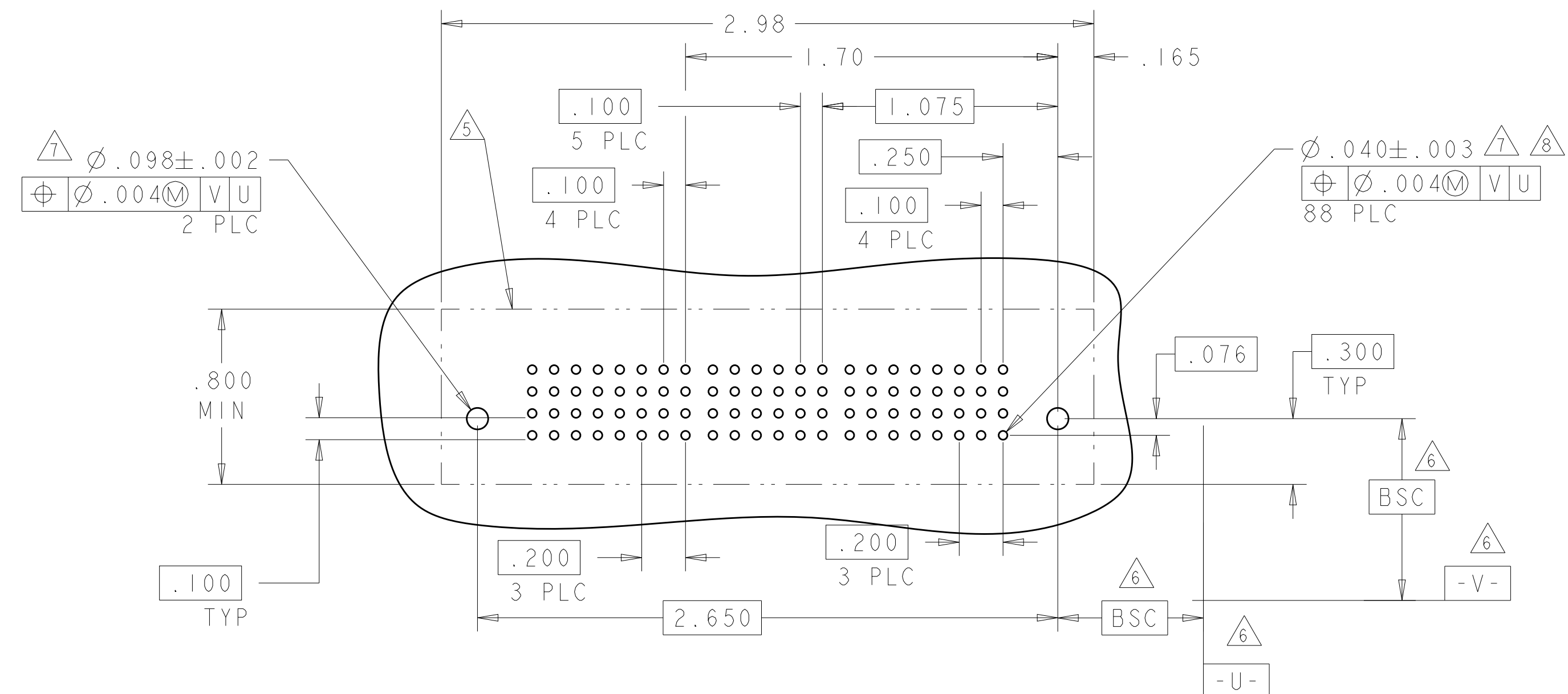
PART NUMBER	ROWS	POWER				SIGNAL					POWER				
		P8	P7	P6	P5	5	4	3	2	1	P4	P3	P2	P1	
1-6450140-1	D C B A														
4P + 20S + 4P															



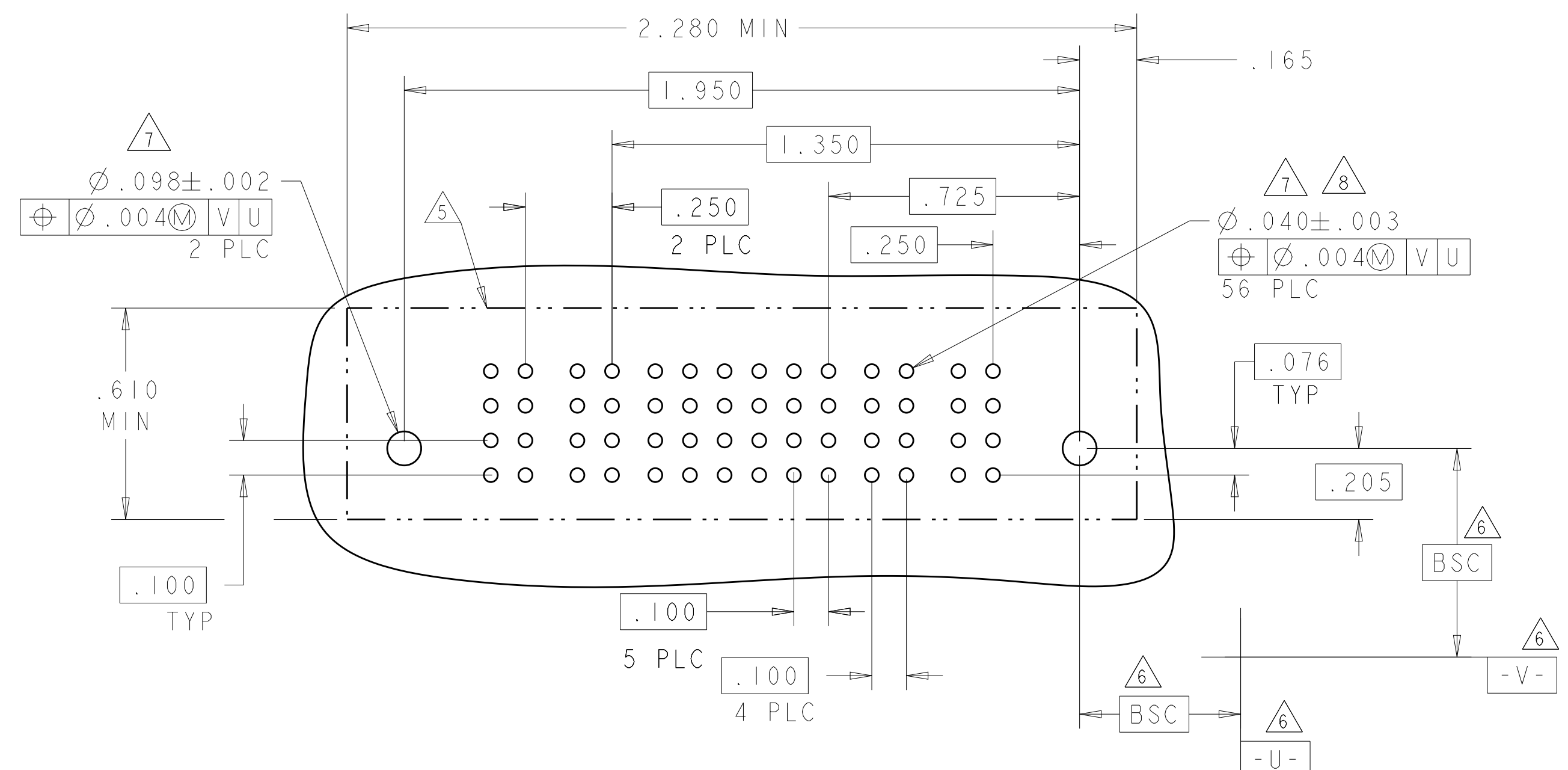
PART NUMBER	ROWS	POWER							SIGNAL							POWER						
		P13	P12	P11	P10	P9	P8	P7	7	6	5	4	3	2	1	P6	P5	P4	P3	P2	P1	
1-6450140-2	D C B A		VA	VA	VA	VA	VA	VA	E	E	E	E	E	E	E	VA	VA	VA	VA	VA	VA	
									E	E	E	E	E	E	E							
									E	E	E	E	E	E	E							
									E	E	E	E	E	E	E							
6P + 28S + 7P			HD						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

4805 (3/11)

PART NUMBER	ROWS		POWER				SIGNAL							POWER					
			P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1			
1-6450140-9	D C B A		VA	VA	VA	VA	E	E	E	E	E	E	E	VA	VA	VA	VA		
							E	E	E	E	E	E	E						E
							E	E	E	E	E	E	E						E
4HDP + 24S + 4HDP			HD															HD	

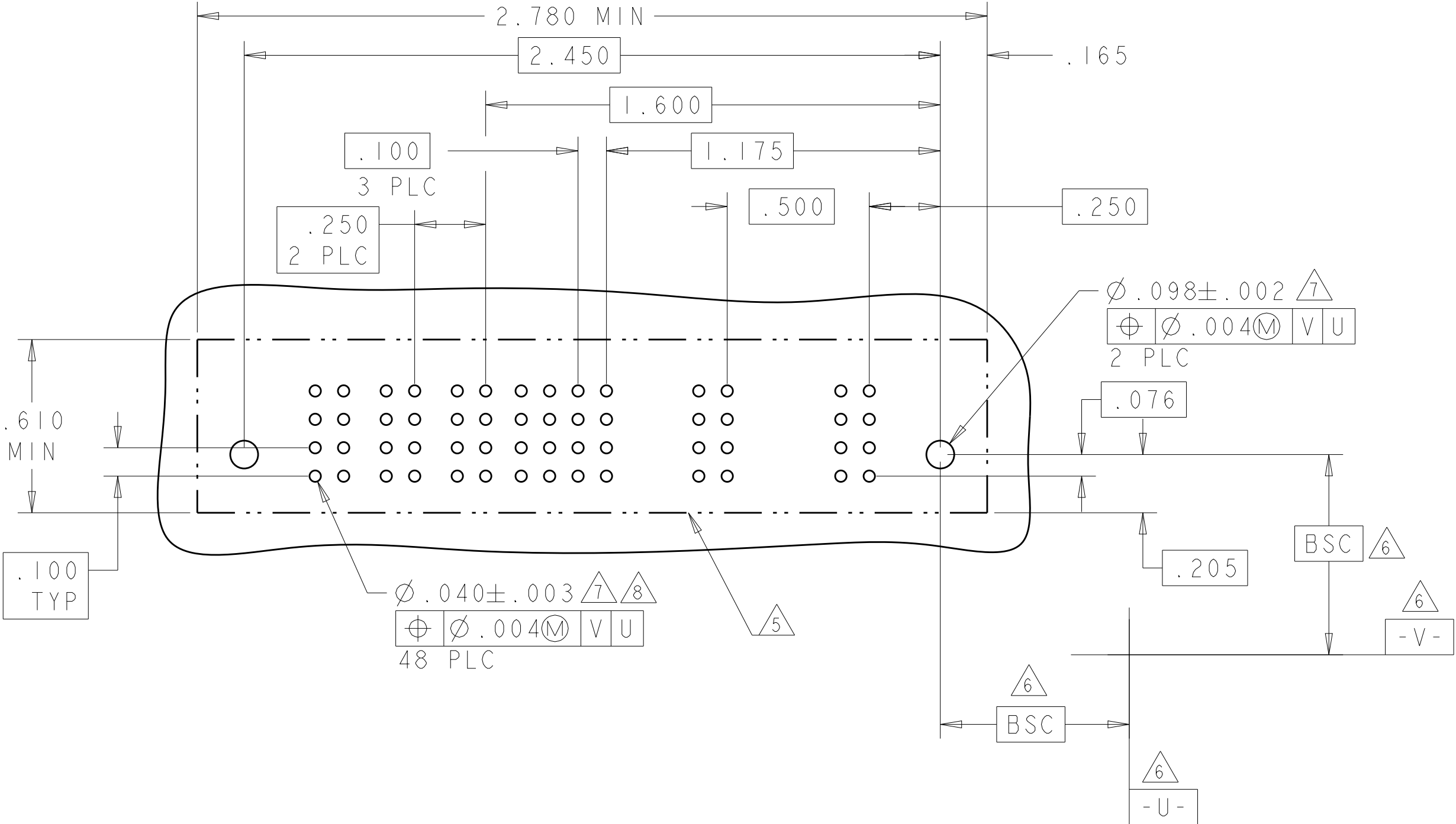


PART NUMBER	ROWS		POWER		SIGNAL							POWER		
			P4	P3	6	5	4	3	2	1	P2	P1		
2-6450140-0	D C B A													
2P + 24S + 2P														

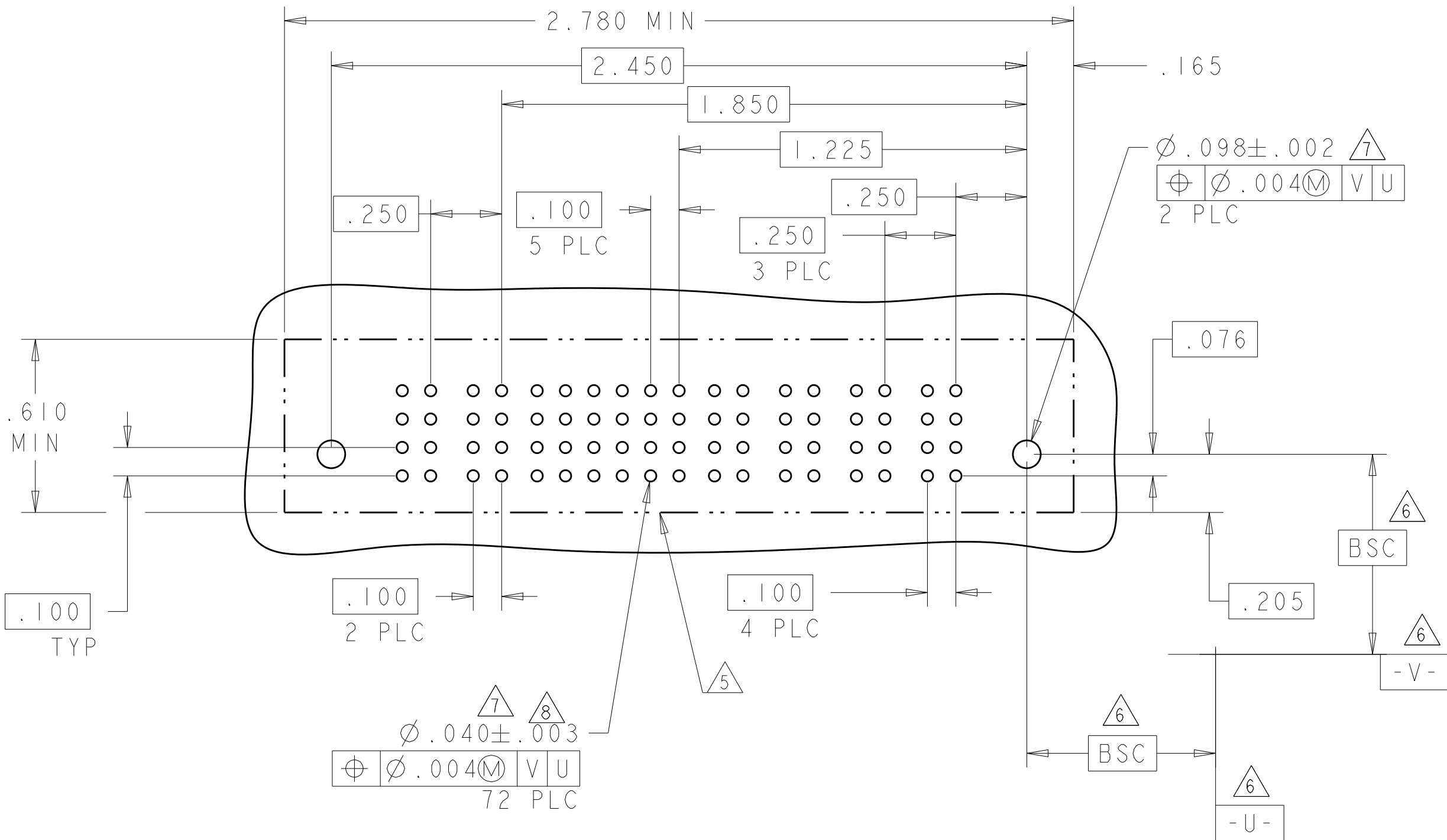
4805 (3/11)

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

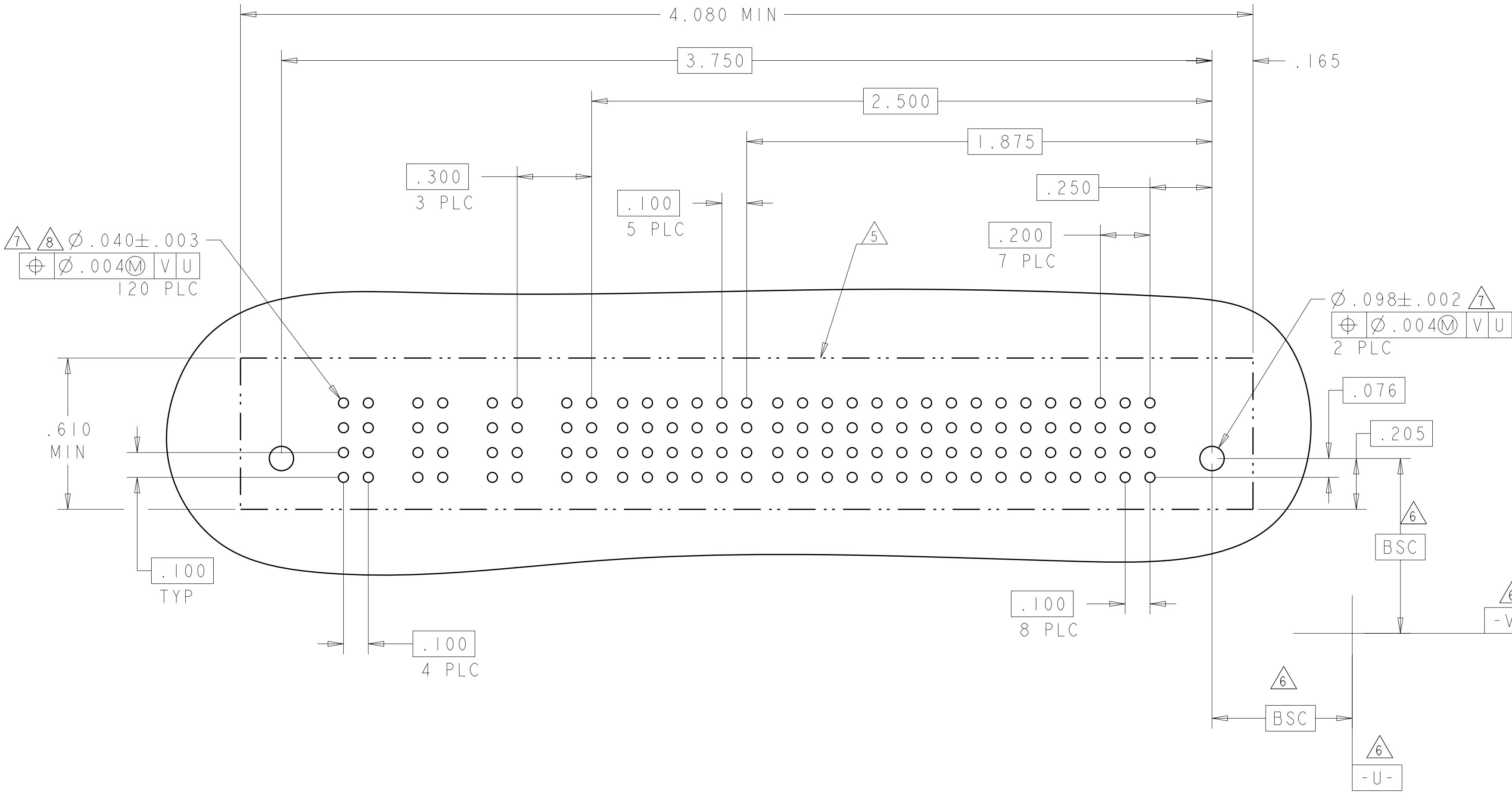
PART NUMBER	ROWS		POWER			SIGNAL					POWER				
			P6	P5	P4	6	5	4	3	2	1	P3	P2		P1
2-6450140-5	D C B A	HD	VM	VM	VA	E	E	E	E			VM		VM	HD
						E	E	E	E						
						E	E	E	E						
						E	E	E	E						
3P + 24S + 3P															



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	HD	VM	VM	E	E	E	E	E	E	VM	VM	VM	VM	HD	
					E	E	E	E	E	E						
					E	E	E	E	E	E						
					E	E	E	E	E	E						
4P + 24S + 2P																



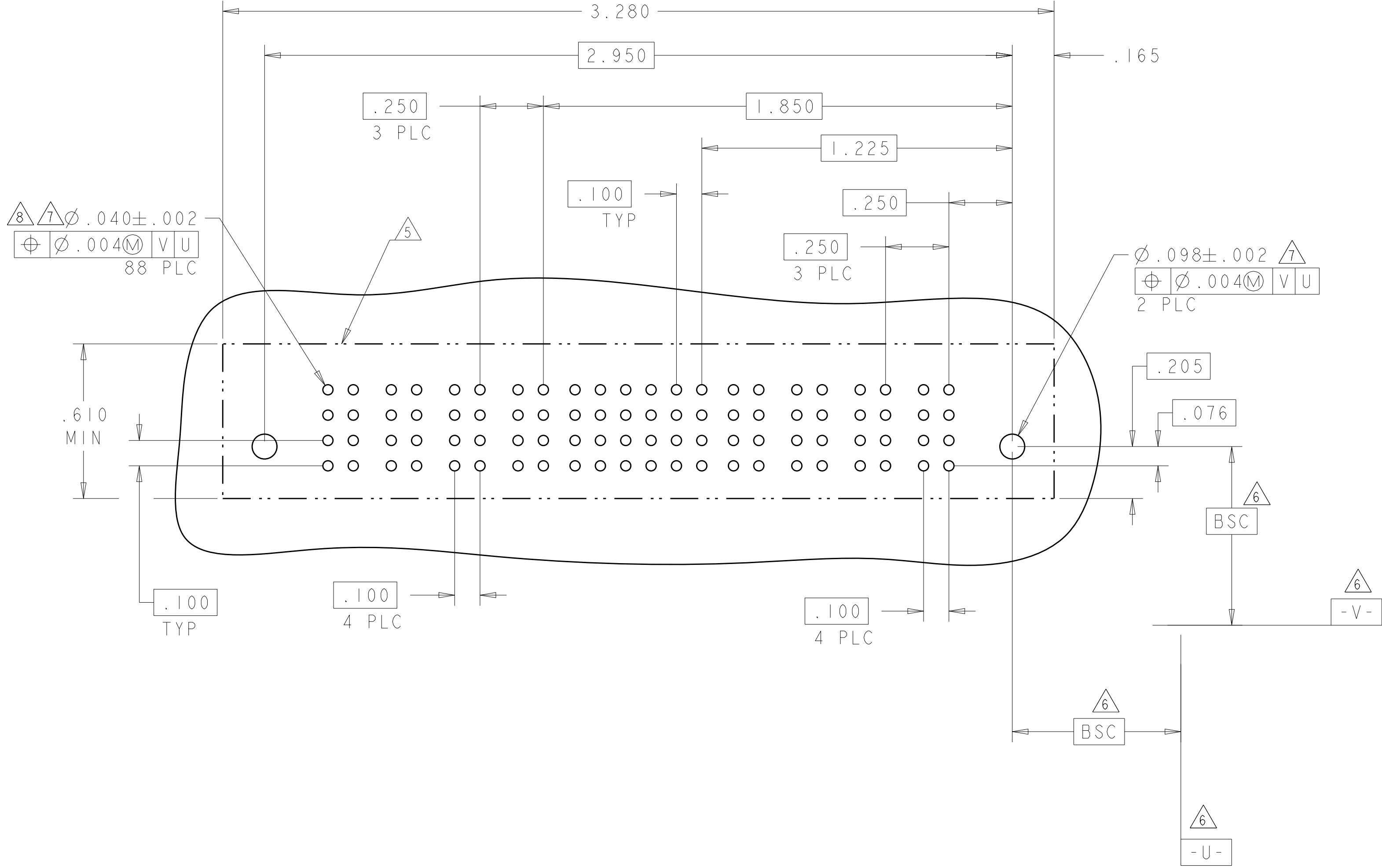
PART NUMBER	ROWS		POWER				SIGNAL					POWER									
			PI2	PI1	PI0	P9	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2		P1
2-6450140-6	D C B A	HD	VM VM VM VM	E E E E	E E E E	E E E E	E E E E	E E E E	E E E E	VM VM VM VM	VM VM VM VM	VM VM VM VM	VM VM VM VM	VM VM VM VM	VM VM VM VM	VM VM VM VM	VM VM VM VM	VM VM VM VM	VM VM VM VM	HD	
8P + 24S + 4ACP																					



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	15FEB05 15FEB05	TE Connectivity			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
		0 PLC	±	PRODUCT SPEC			
		1 PLC	±.01	108-1973			
		2 PLC	±.01	APPLICATION SPEC			
		3 PLC	±.005	114-13038			
MATERIAL		FINISH	±.0020	WEIGHT			
-		-	±.0020	-			
CUSTOMER DRAWING		SCALE		SHEET		REV	
		2:1		8 OF 11		E4	

LOC		DIST		REVISIONS				
ES	00	P	LYR	DESCRIPTION		DATE	DWN	APVD
		-		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	D C B A																
4P + 24S + 4P																	

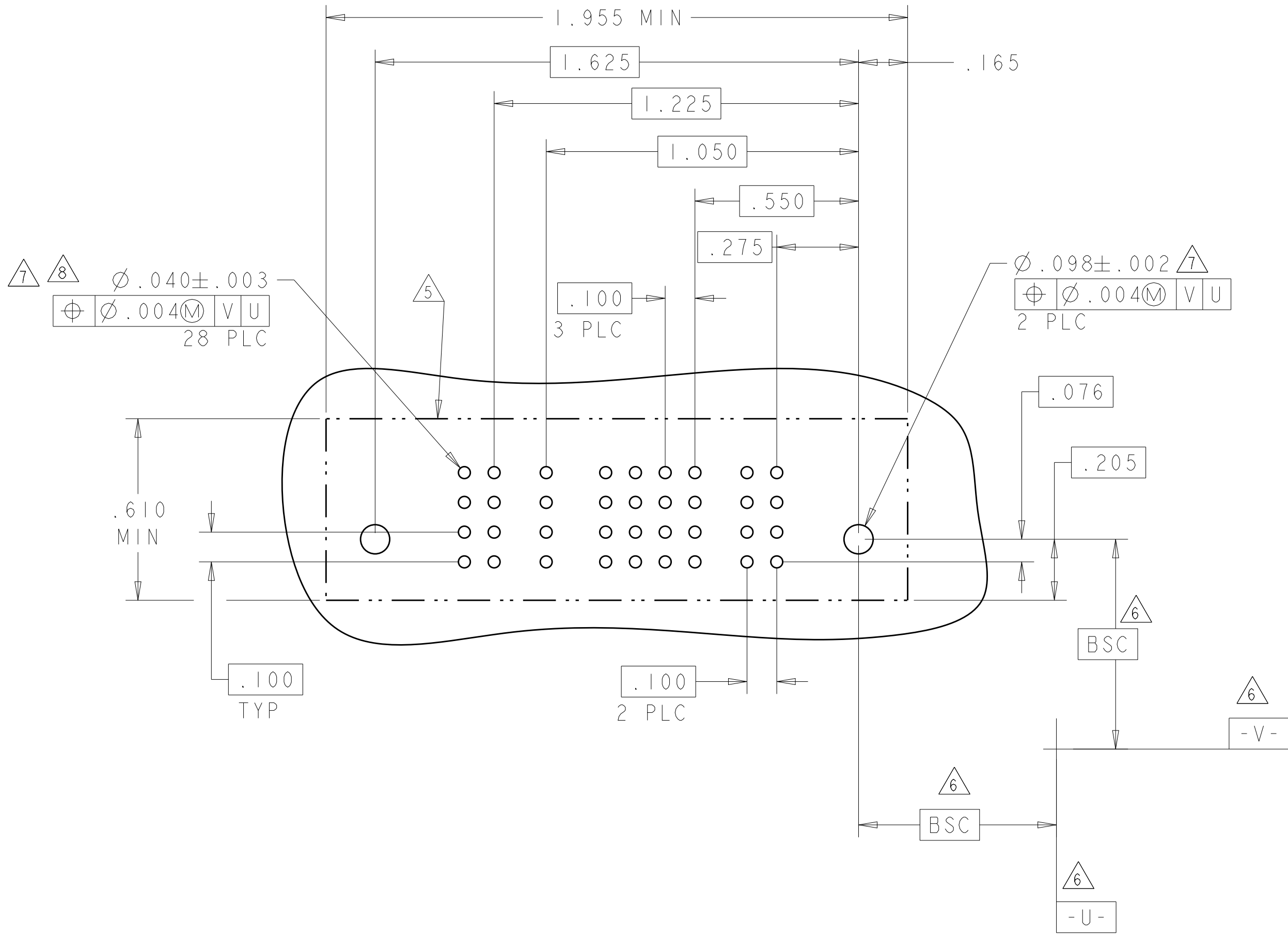


PART NUMBER	ROWS		POWER		SIGNAL					POWER		
			P2	6	5	4	3	2	1	P1		
3-6450140-5	D C B A		VA	E	E	E	E	E	E	E	VA	
				E	E	E	E	E	E	E		
				E	E	E	E	E	E	E		
				E	E	E	E	E	E	E		
IP + 24S + IP												

NO CONTACTS LOADED

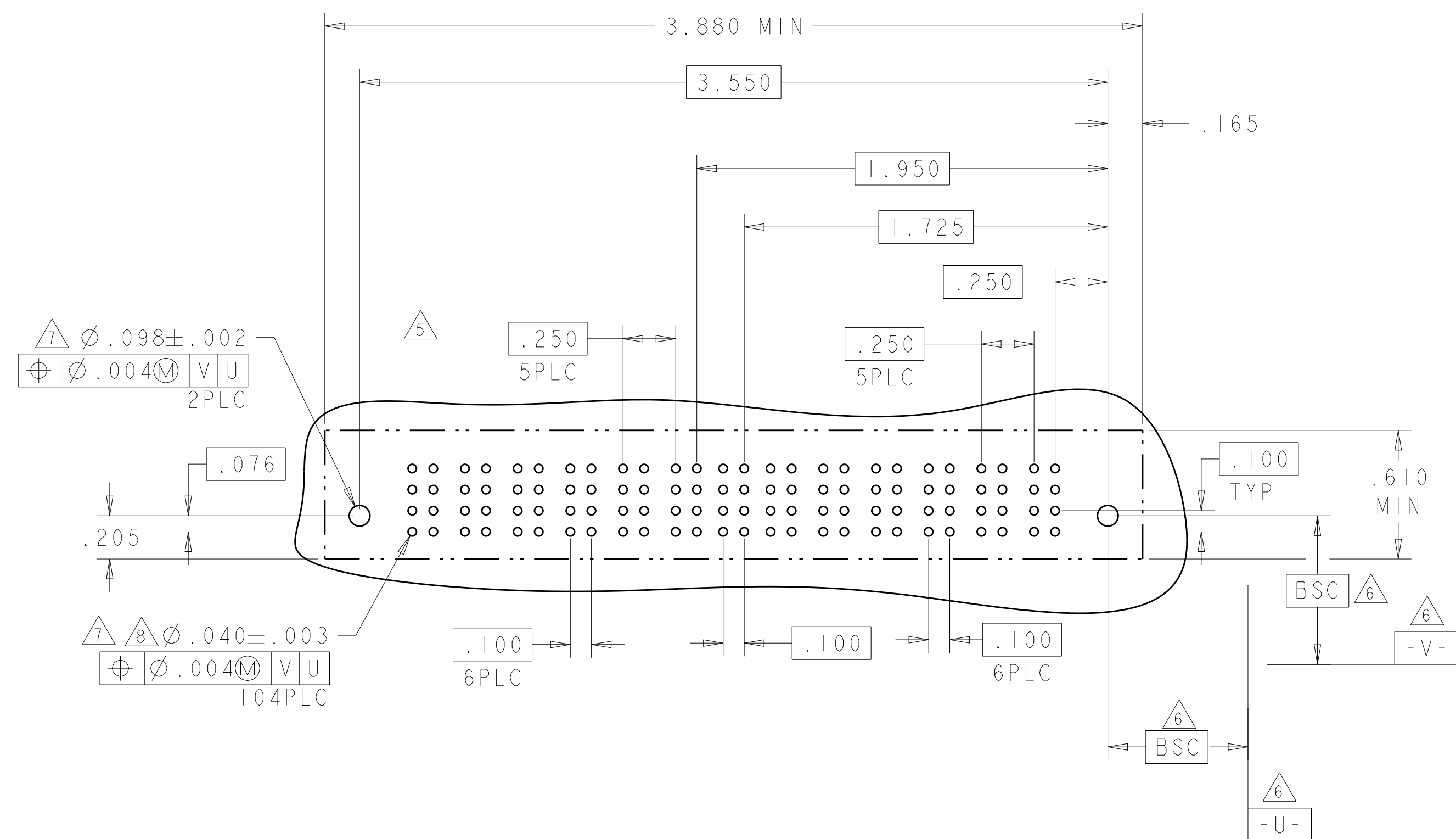
PART NUMBER	ROWS		POWER		SIGNAL					POWER		
			P2	6	5	4	3	2	1	P1		
3-6450140-6	D C B A		VA	E	E	E	E	E	E	VA		
				E	E	E	E	E	E			
				E	E	E	E	E	E			
				E	E	E	E	E	E			
IP + 24S + IP												

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	15FEB05 15FEB05 -	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020		PRODUCT SPEC 108-1973	
MATERIAL		FINISH		APPLICATION SPEC 114-13038	
				WEIGHT	
				CUSTOMER DRAWING	
				SIZE A1	
				CAGE CODE 100779	
				DRAWING NO 6450140	
				RESTRICTED TO	
				SCALE 2:1	
				SHEET 9	
				OF 11	
				REV E4	

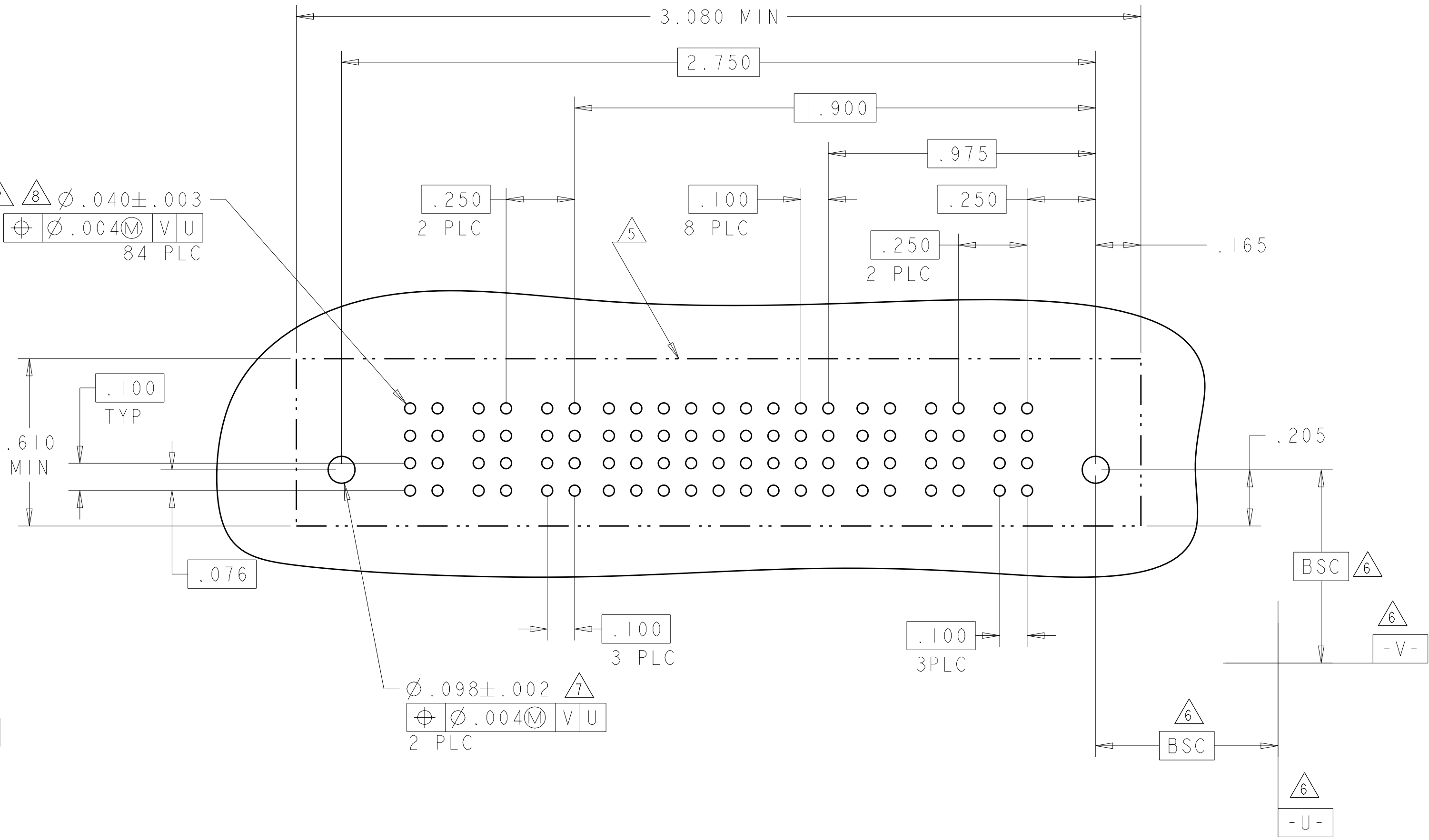
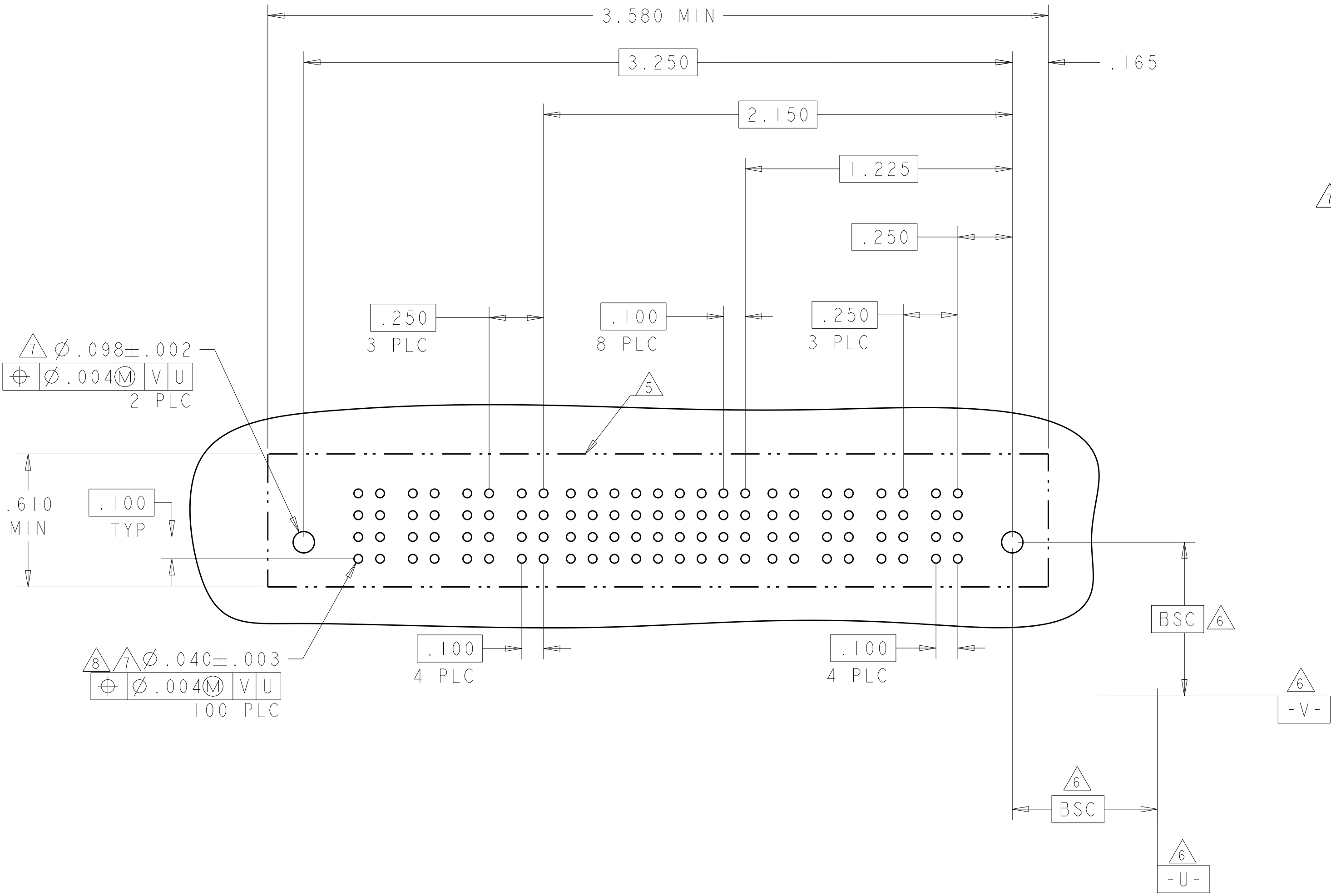
D	PART NUMBER	ROWS		POWER						SIGNAL		POWER						
				P12	P11	P10	P9	P8	P7	2	1	P6	P5	P4	P3	P2	P1	
	3-6450140-0	D	5	VM	VM	VM	VM	VM	VM	E	E	VM	VM	VM	VM	VM	VM	
		C								E	E							
		B								E	E							
		A								E	E							
	6P+8S+6P		HD															HD

4805 (3/11)

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

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



Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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