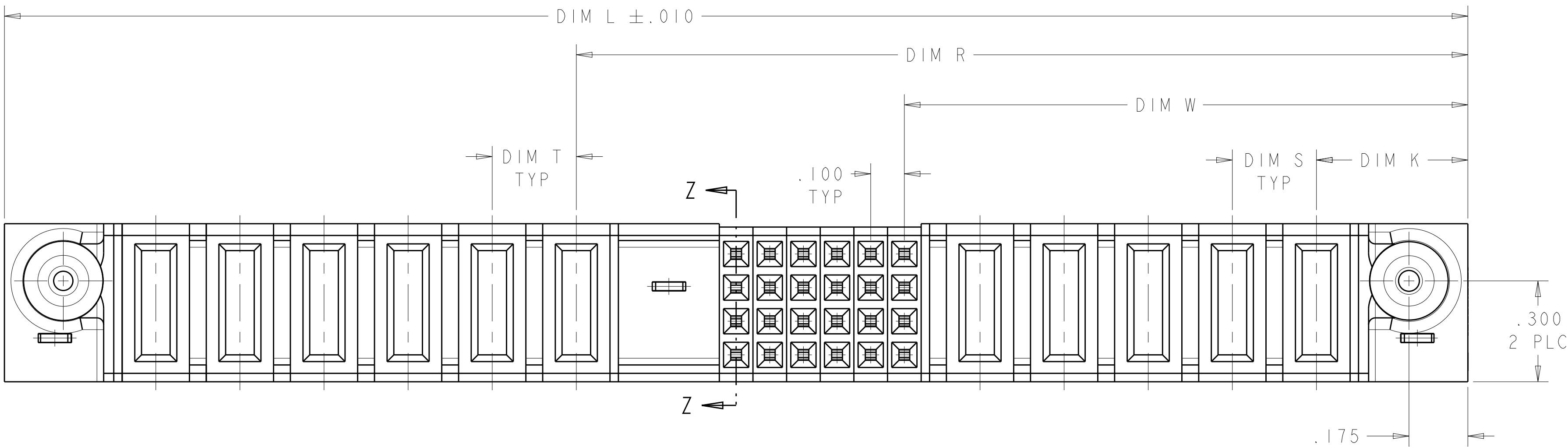
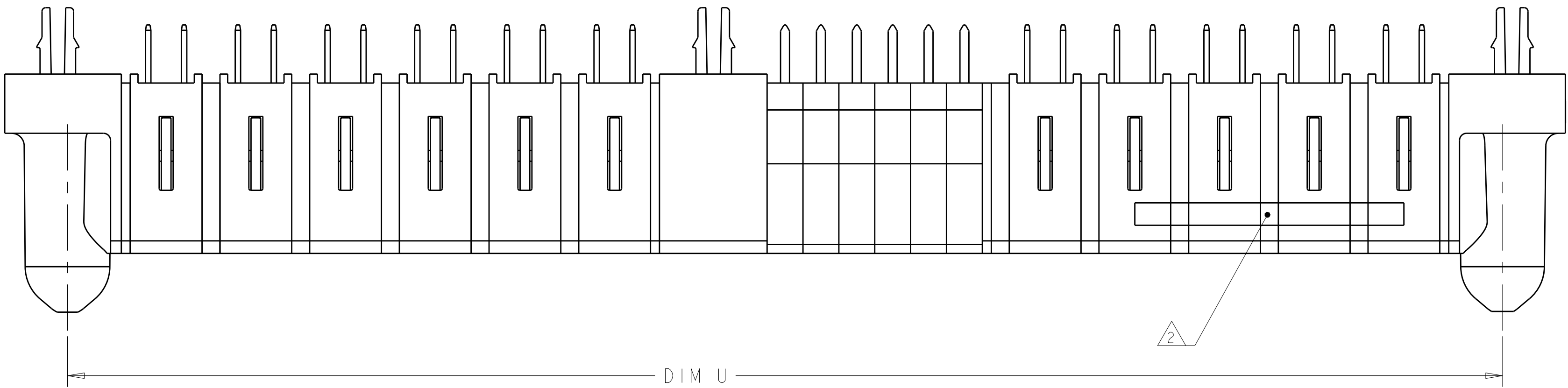
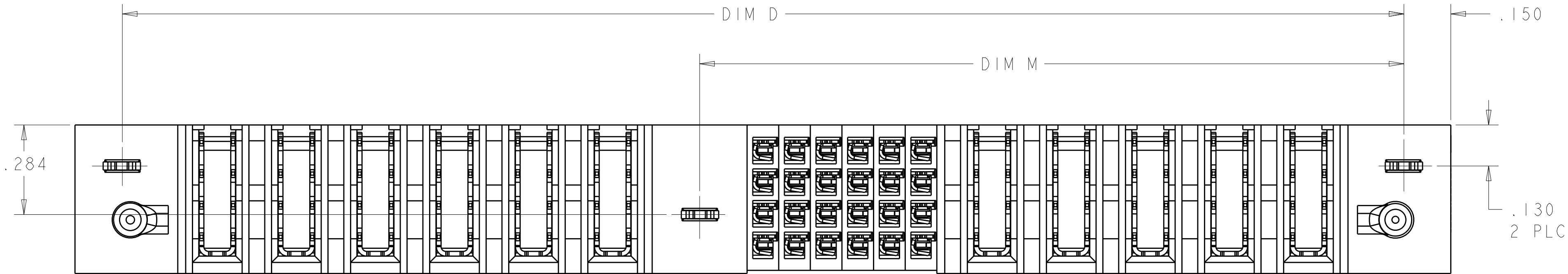
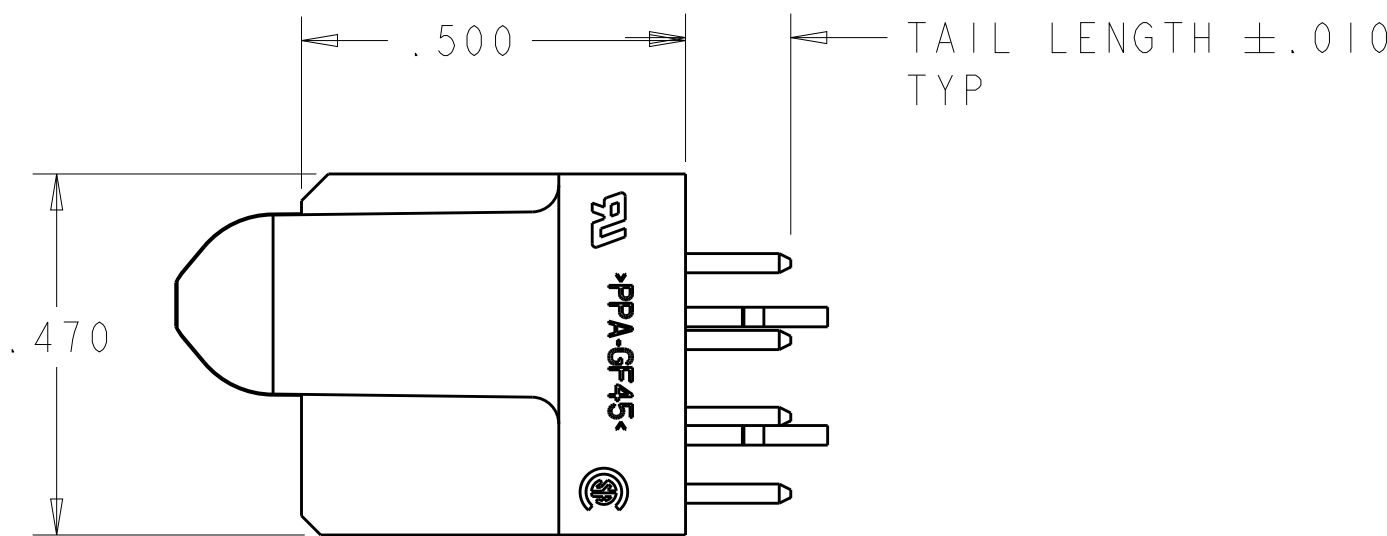
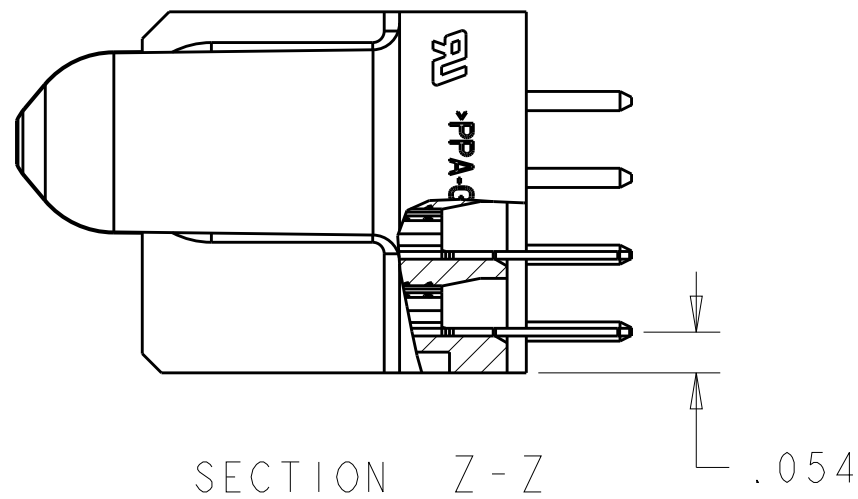


LOC		DIST		REVISIONS			
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		E1		ADD 3-6450140-4	02APR2011	OL	SZ
		E2		REV PER ECR-11-008606	29APR2011	OL	SZ
		E3		ADDED NEW DASH NUMBER 3-5 AND 3-6	09MAR2012	CZ	SZ
		E4		REVISED	23APR2012	CZ	SZ



- 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



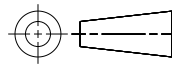
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	15FEB05	TE Connectivity	
		CHK M.PERCHEKKE	15FEB05		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±"		PRODUCT SPEC	
		1 PLC ±.01		108-1973	
		2 PLC ±.01		APPLICATION SPEC	
		3 PLC ±.005		114-13038	
		4 PLC ±.0020		WEIGHT	
		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



MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±.01
±.005
±.0020
±2°
-

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

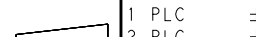
OF
11

REV
E4

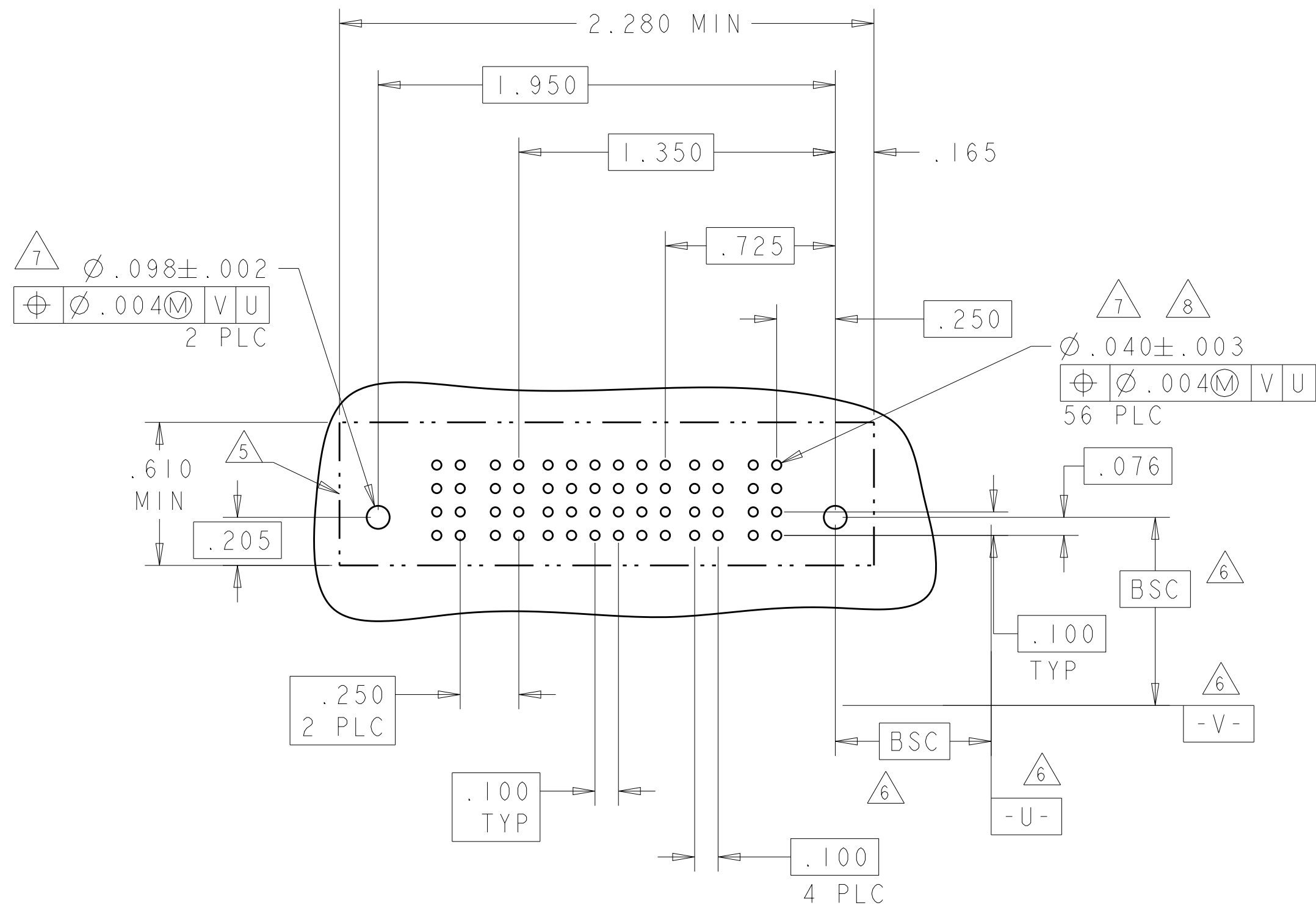
4805 (3/11)

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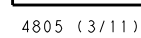
J	.090
E	.135
CODE	TAIL LENGTH
SIGNAL CONTACT	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 15FEB05		TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		CHW M. PERCHERKE 15FEB05		APVD M. PERCHERKE	
		PRODUCT SPEC 108-1973		APPLICATION SPEC 114-13038	
		SIZE		CAGE CODE	
		DRAWING NO.		RESTRICTED TO	
MATERIAL		FINISH		WEIGHT	
-		-		-	
CUSTOMER DRAWING		SCALE		SHEET	
		2:1		3 OF 11	
				REV E4	

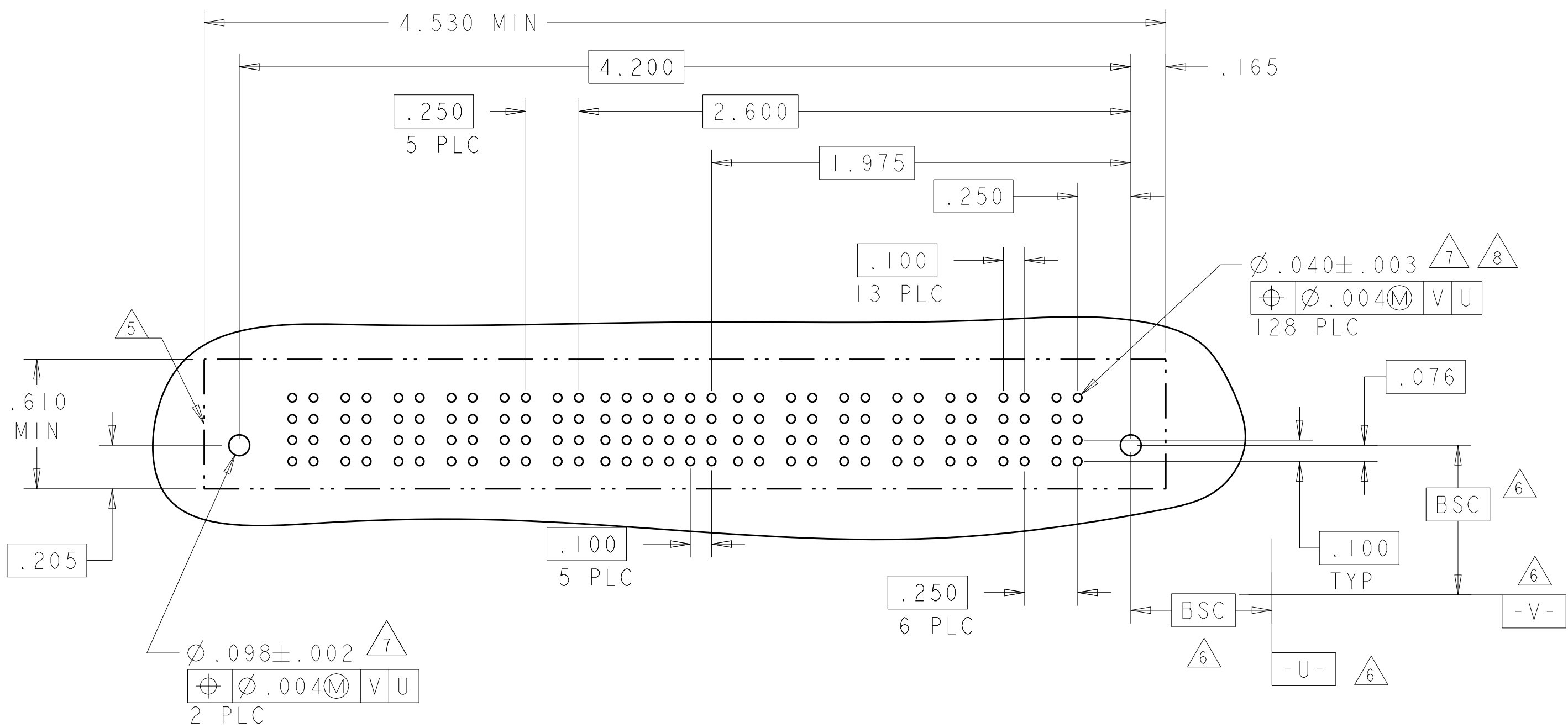
PART NUMBER	ROWS		POWER		S I G N A L							POWER					
			P ₄	P ₃	6	5	4	3	2	1	P ₂	P ₁					
6450140-5	D C B A	HD	VA	VA	F	F	F	F	F	F	F	F	F	F	VA	VA	HD
					F	F	F	F	F	F	F	F	F	F			
					F	F	F	F	F	F	F	F	F	F			
					F	F	F	F	F	F	F	F	F	F			
2P + 24S + 2P																	

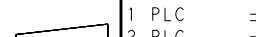


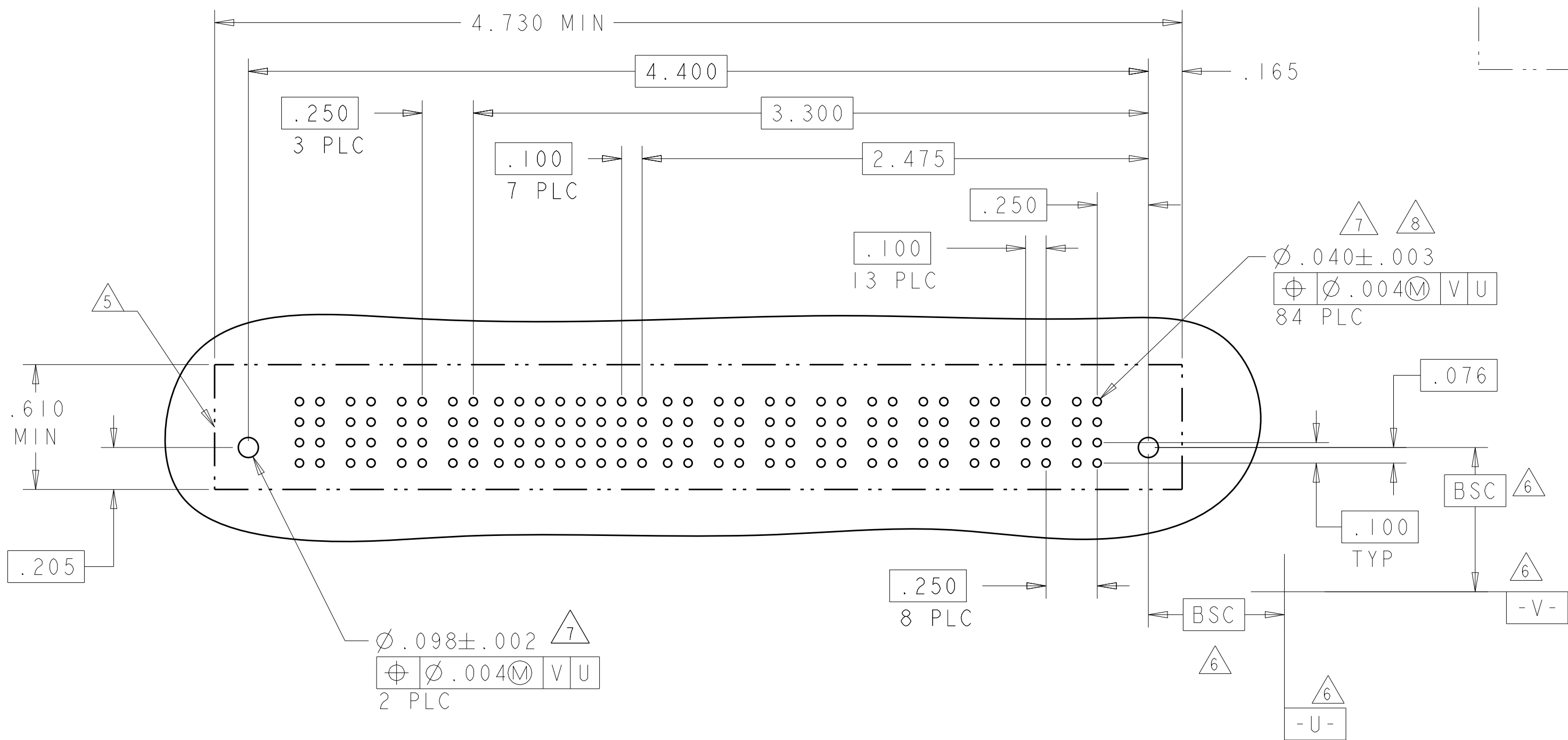
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: GRZYBOWSKI 15FE805 CHK: M. PERCHERKE 15FE805		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS: ±. FRACTIONS: ±. HOLE DIA: ±.01 HOLE DIA: ±.005 HOLE DIA: ±.0020 ANGLES: ±°		NAME:	
		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
MATERIAL: -		WEIGHT: -		SIZE: CAGE CODE: DRAWING NO: A100779 C6450140	
FINISH: -		CUSTOMER DRAWING: -		RESTRICTED TO: -	
				SCALE: 2:1 SHEET 4 OF 11 REV: E	



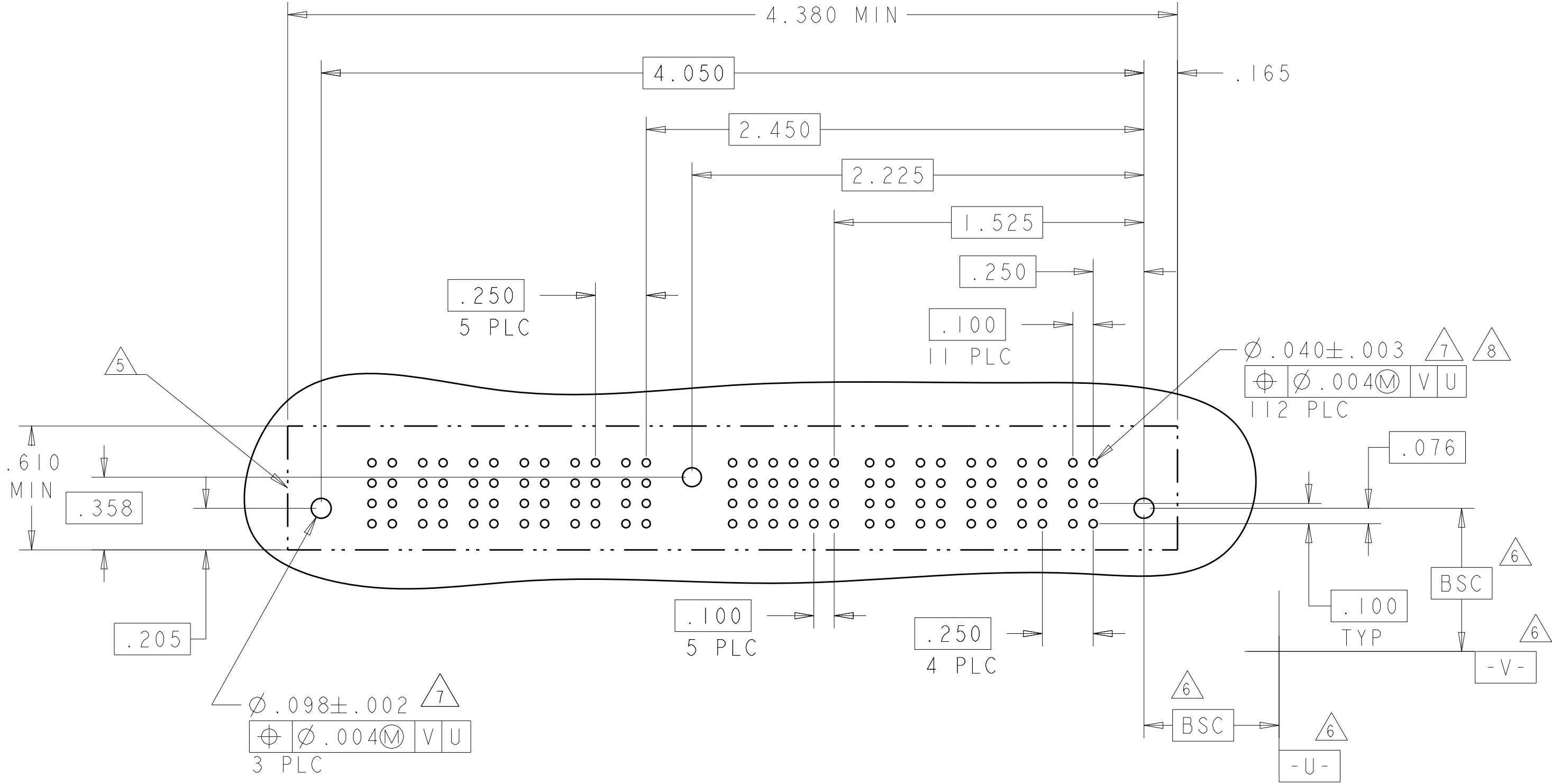
PART NUMBER	ROWS		POWER						SIGNAL						POWER								
			P13	P12	P11	P10	P9	P8	6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1		
6450140-8	D C B A		VA	VA	VA	VA	VA	VA		VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA			
																							
7P + 24S + 6P																							



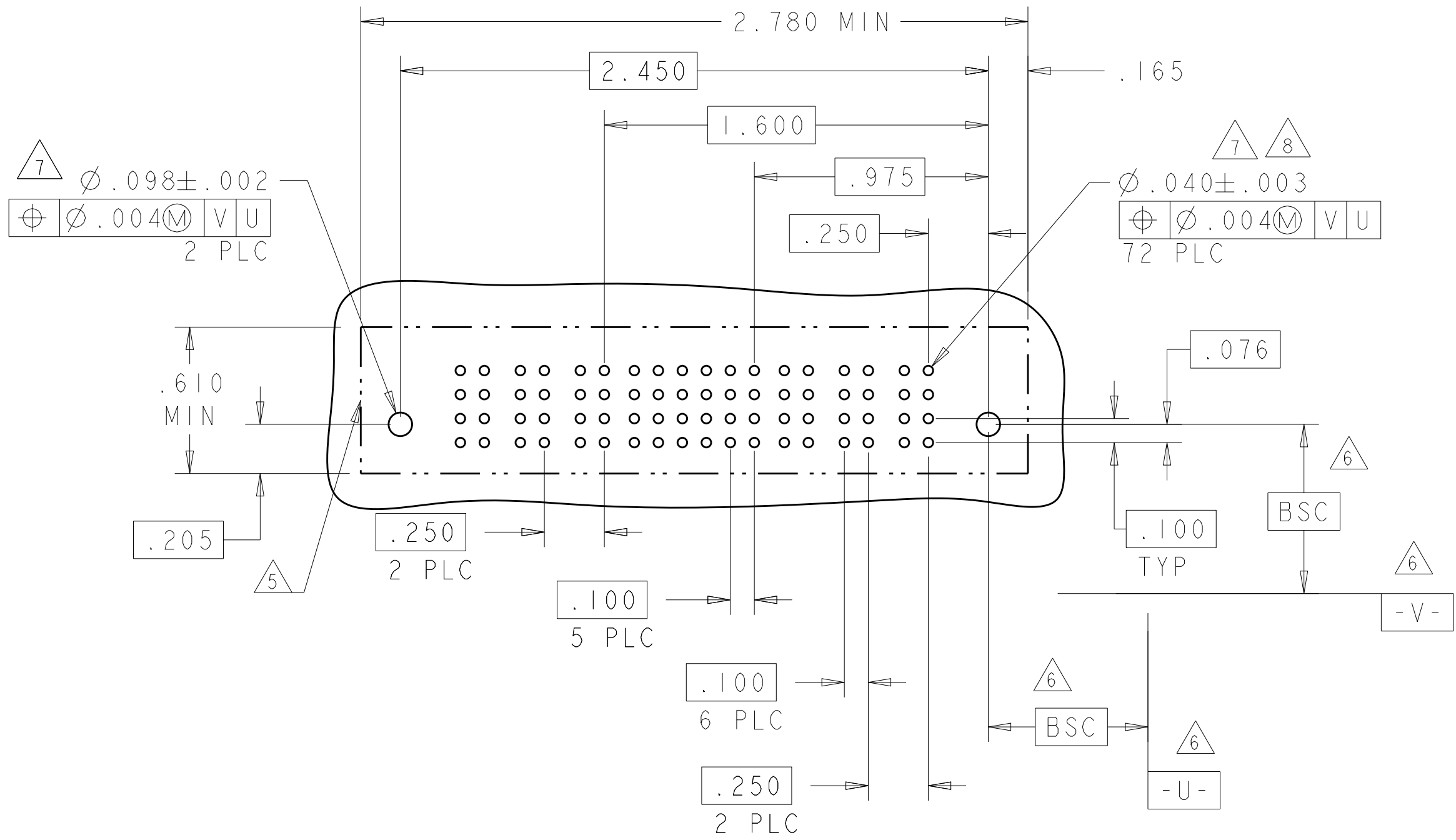
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 15FEB05		TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		CHW M. PERCHERKE 15FEB05		APVD M. PERCHERKE	
		PRODUCT SPEC		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		108-1973			
		APPLICATION SPEC			
0 PLC ±.01 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°		114-13038		SIZE CAGE CODE DRAWING NO. RESTRICTED TO A 100779 © 6450140 -	
MATERIAL		WEIGHT		CUSTOMER DRAWING	
FINISH		SCALE 2:1		SHEET 5 OF 11 REV E4	



PART NUMBER	ROWS		POWER						MI	SIGNAL						POWER						
			P11	P10	P9	P8	P7	P6		6	5	4	3	2	1	P5	P4	P3	P2	P1		
6450140-9	D C B A		VA	VA	VA	VA	VA	VA	HD	E	E	E	E	E	E	E	VA	VA	VA	VA	VA	
5P + 24S + 1M + 6P																						

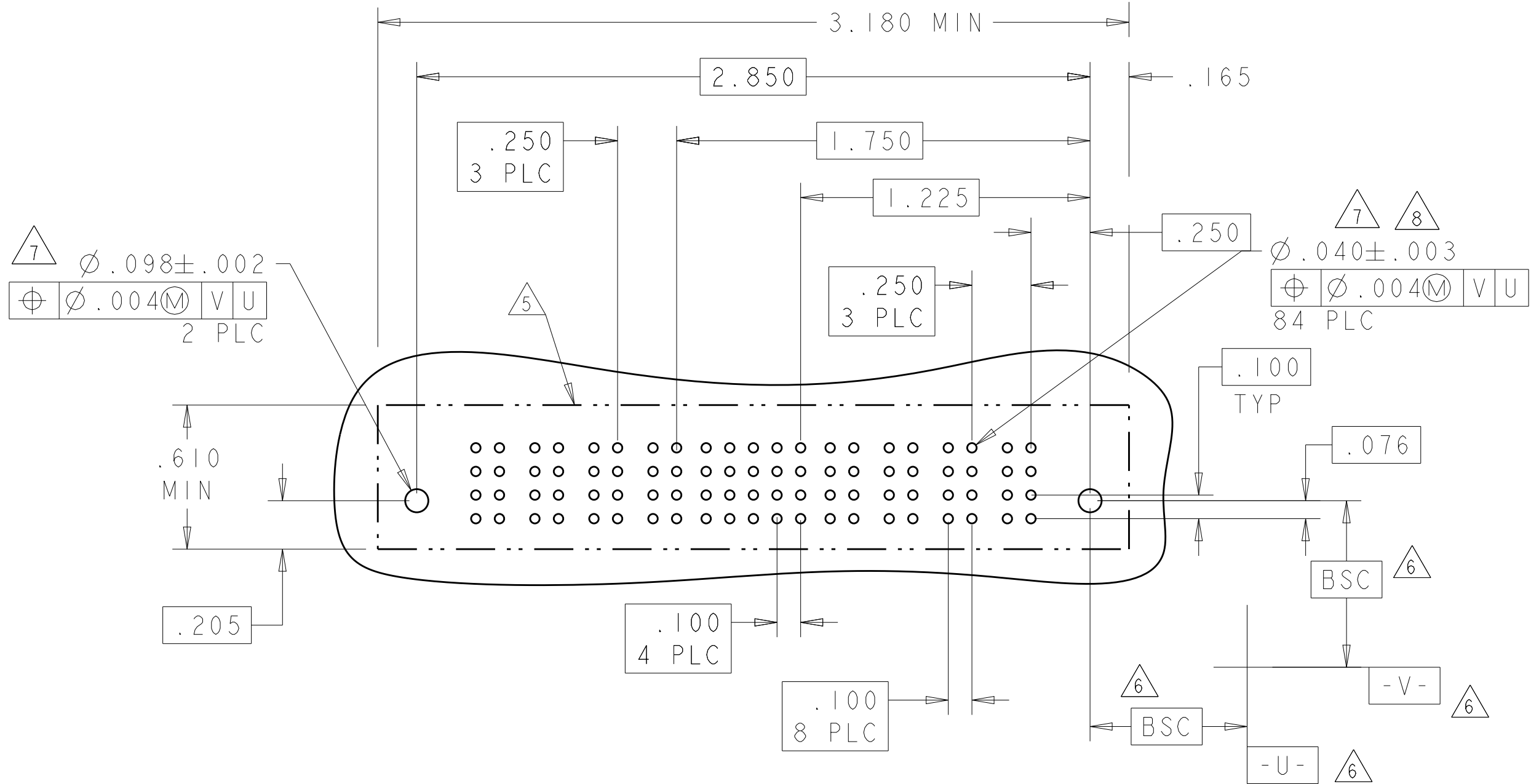


PART NUMBER	ROWS		POWER			SIGNAL						POWER				
			P6	P5	P4	6	5	4	3	2	1	P3	P2	P1		
I-6450140-0	D C B A		VA	VA	VA								VA	VA	VA	
3P + 24S + 3P																

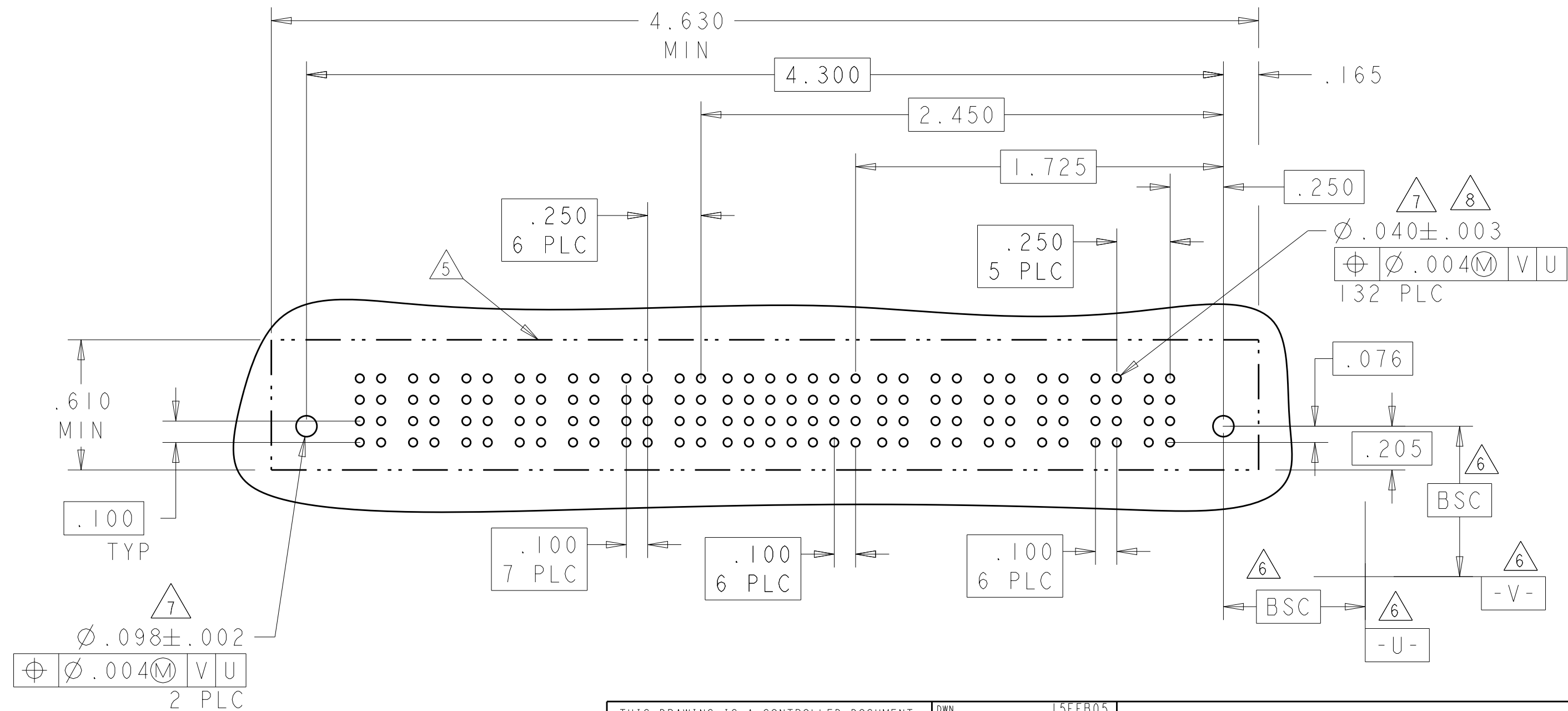


LOC	DIST	REVISIONS			
		P	LYR	DESCRIPTION	DATE
ES	00	-	-	SEE SHEET 1	-

PART NUMBER	ROWS		POWER				S I G N A L				POWER						
			P8	P7	P6	P5	5	4	3	2	1	P4	P3	P2		P1	
I-6450140-1	D C B A		VA	VA	VA	VA	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	E	E					
4P + 20S + 4P																	

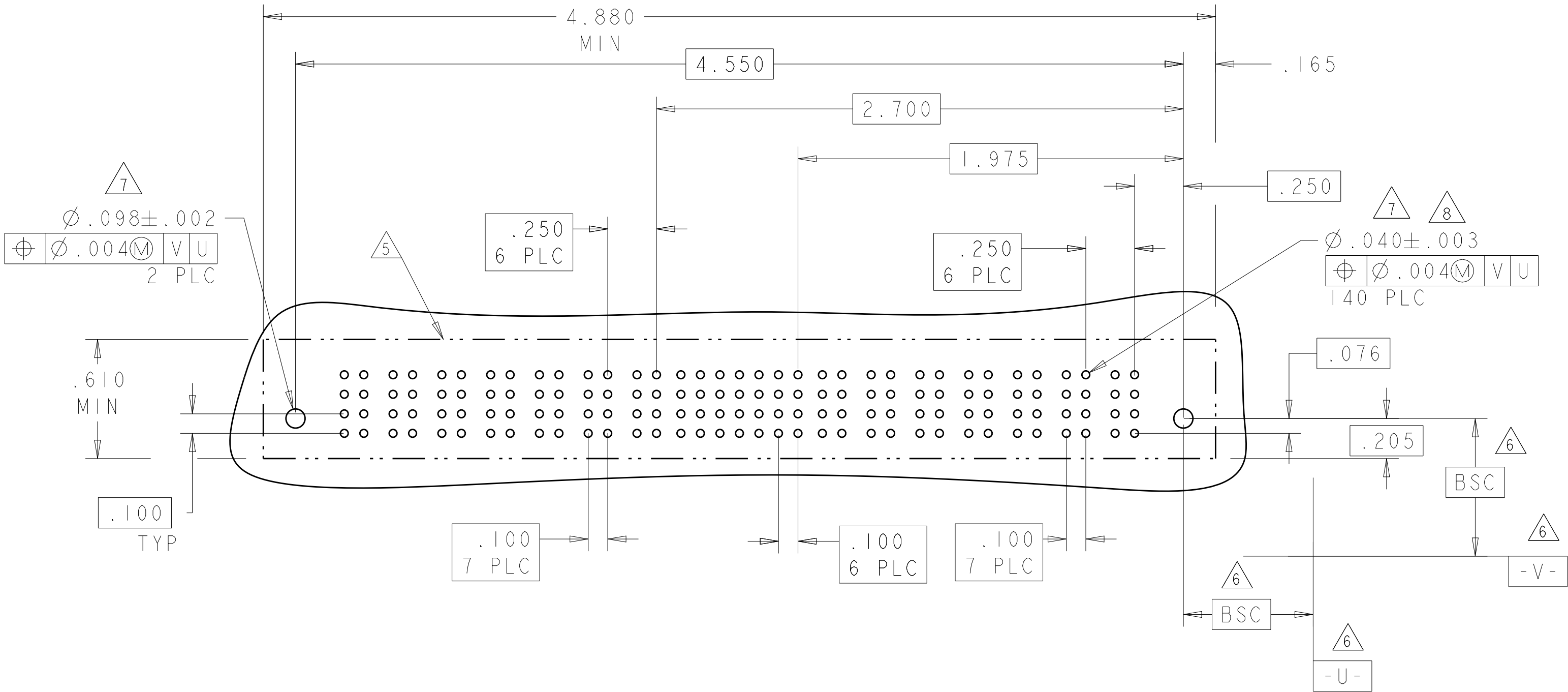


PART NUMBER	ROWS		POWER							SIGNAL							POWER							
			P13	P12	P11	P10	P9	P8	P7	7	6	5	4	3	2	1	P6	P5	P4	P3	P2	P1		
I-6450140-2	DCBA		VA	VA	VA	VA	VA	VA	VA	F	F	F	F	F	F	F	VA	VA	VA	VA	VA	VA		
			VA	VA	VA	VA	VA	VA	VA	F	F	F	F	F	F	F	VA	VA	VA	VA	VA	VA		
			VA	VA	VA	VA	VA	VA	VA	F	F	F	F	F	F	F	VA	VA	VA	VA	VA	VA		
			VA	VA	VA	VA	VA	VA	VA	F	F	F	F	F	F	F	VA	VA	VA	VA	VA	VA		
6P + 28S + 7P																								

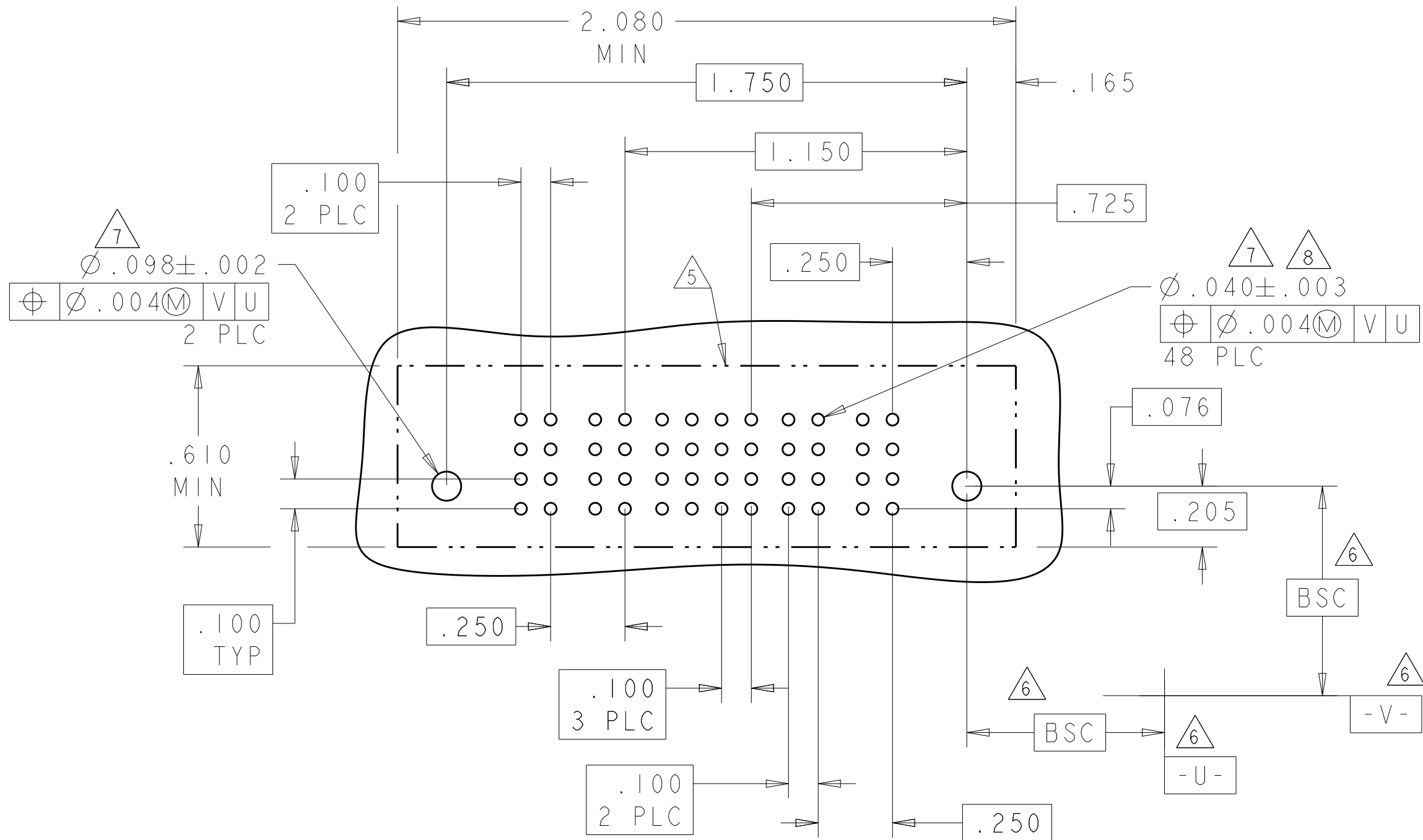


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R. GRZYBOWSKI	15FEB05	TE Connectivity	
		CHK M. PERCHERKE	15FEB05		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.01		PRODUCT SPEC	
		1 PLC ±.01		108-1973	
		2 PLC ±.005		APPLICATION SPEC	
		3 PLC ±.002		114-13038	
MATERIAL		FINISH		WEIGHT	
				CUSTOMER DRAWING	
				SCALE 2:1	
				SHEET 6 OF 11	
				REV E4	

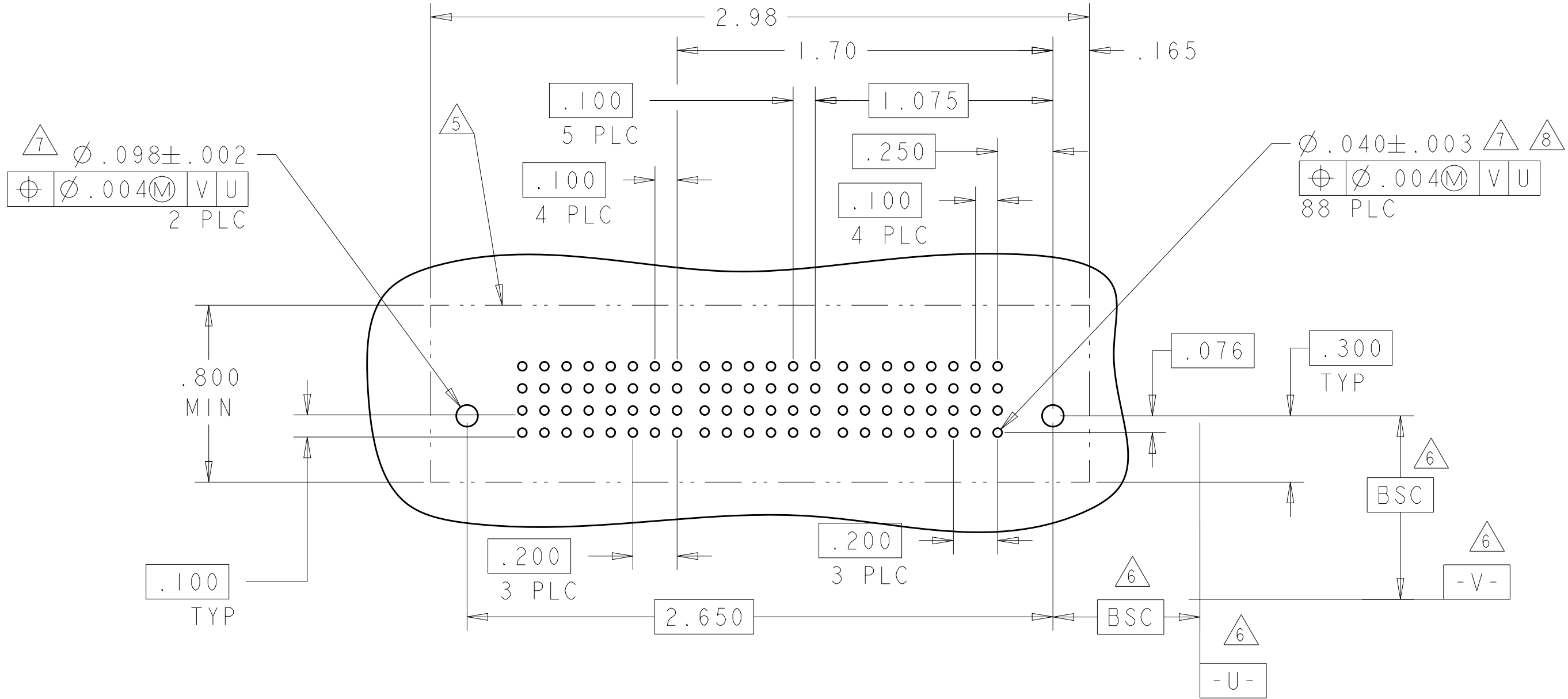
PART NUMBER	ROWS		POWER						SIGNAL						POWER										
			P14	P13	P12	P11	P10	P9	P8	7	6	5	4	3	2	1	P7	P6	P5	P4		P3	P2	P1	
I-6450140-3	D C B A		VA	VA	VA	VA	VA	VA	VA	E	E	E	E	E	E	E	VA	VA	VA	VA	VA	VA	VA		
										E	E	E	E	E	E	E									
										E	E	E	E	E	E	E									
										E	E	E	E	E	E	E									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



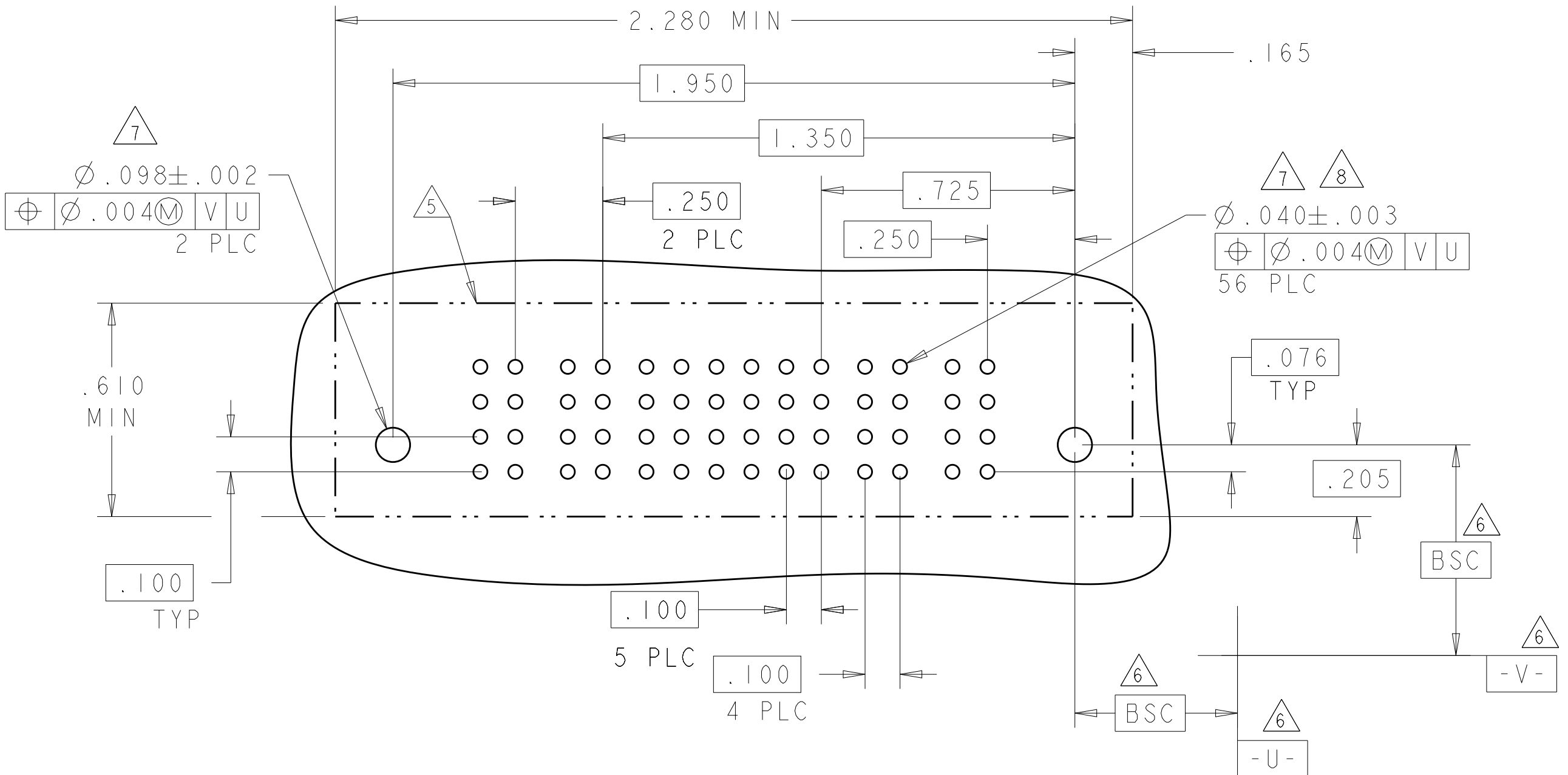
PART NUMBER	ROWS		POWER		SIGNAL				POWER		
			P4	P3	4	3	2	1	P2	P1	
I-6450140-8	D C B A				E	E	E	E			
					E	E	E	E			
					E	E	E	E			
					E	E	E	E			
											
2P + 16S + 2P											

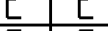
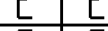
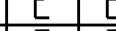
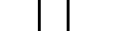


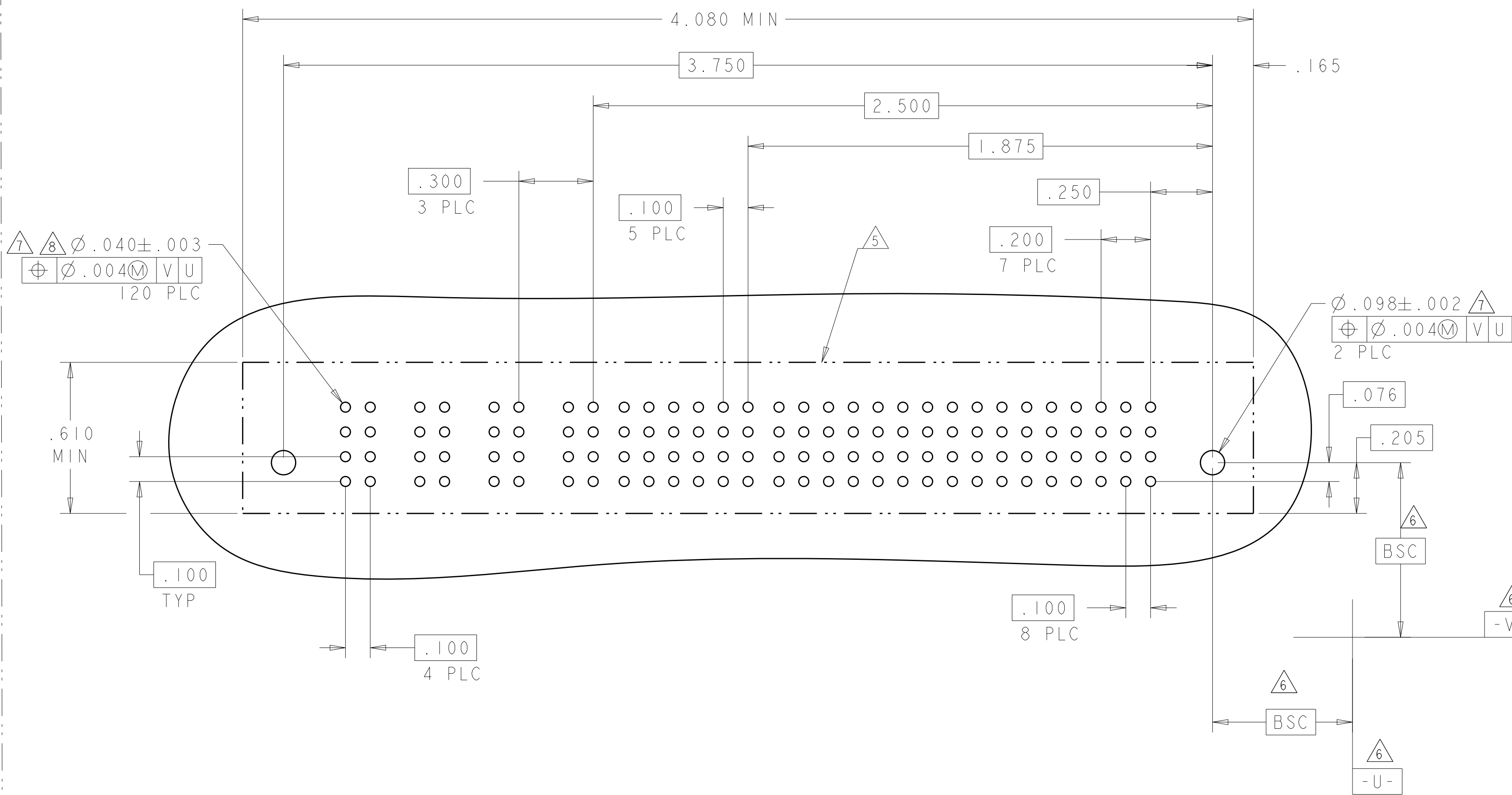
PART NUMBER	ROWS		POWER				SIGNAL						POWER				
			P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	
I-6450140-9	D C B A		VA	VA	VA	VA	E	E	E	E	E	E	E	VA	VA	VA	VA
							E	E	E	E	E	E					
							E	E	E	E	E	E					
							E	E	E	E	E	E					
4HDP + 24S + 4HDP																	

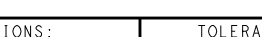


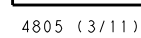
PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P4	P3	6	5	4	3	2	1	P2	P1	
2-6450140-0	D C B A		VA	VA	E	E	E	E	E	E	VA	VA	
					E	E	E	E	E	E			
					E	E	E	E	E	E			
					E	E	E	E	E	E			
2P + 24S + 2P													



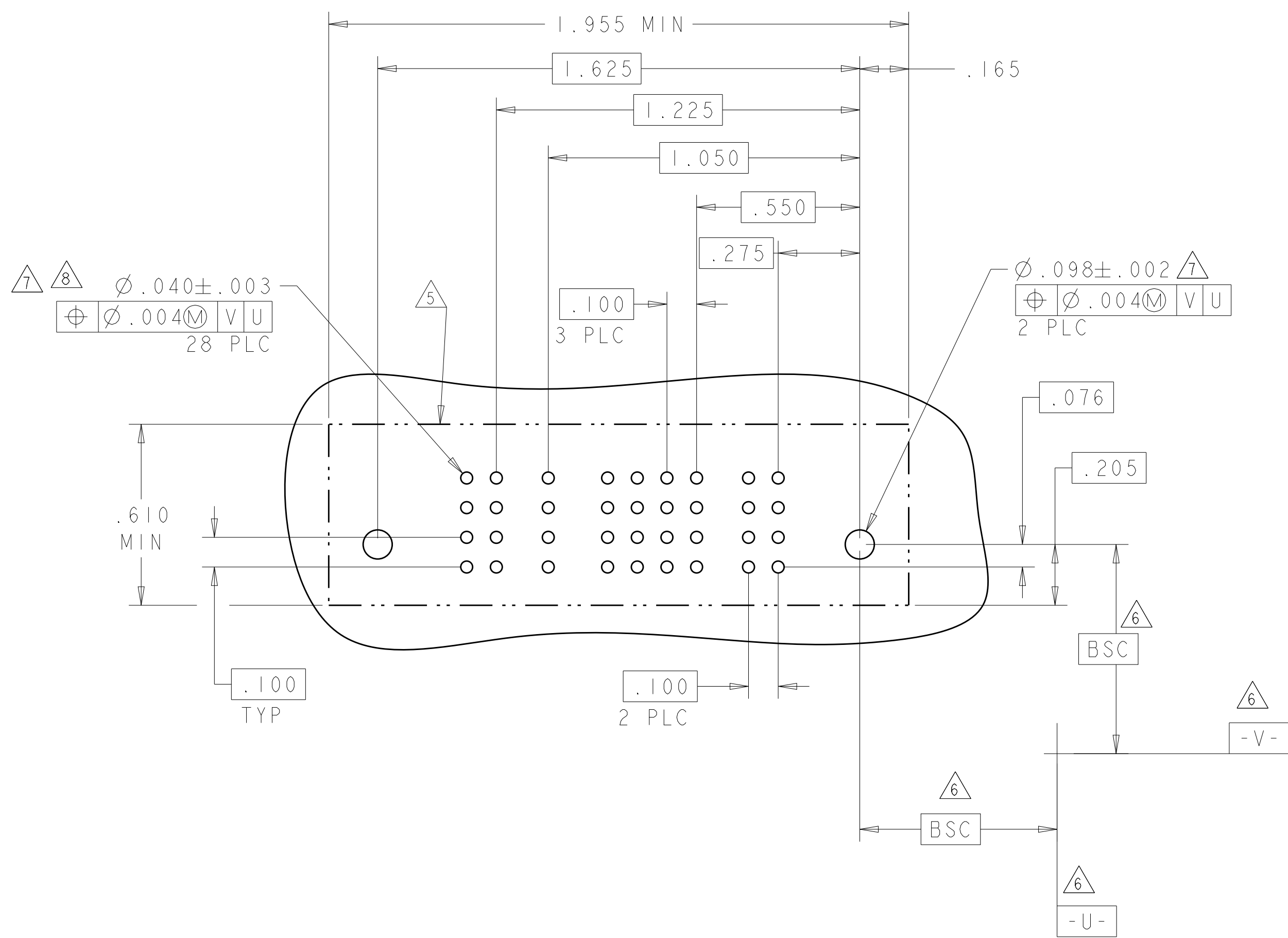
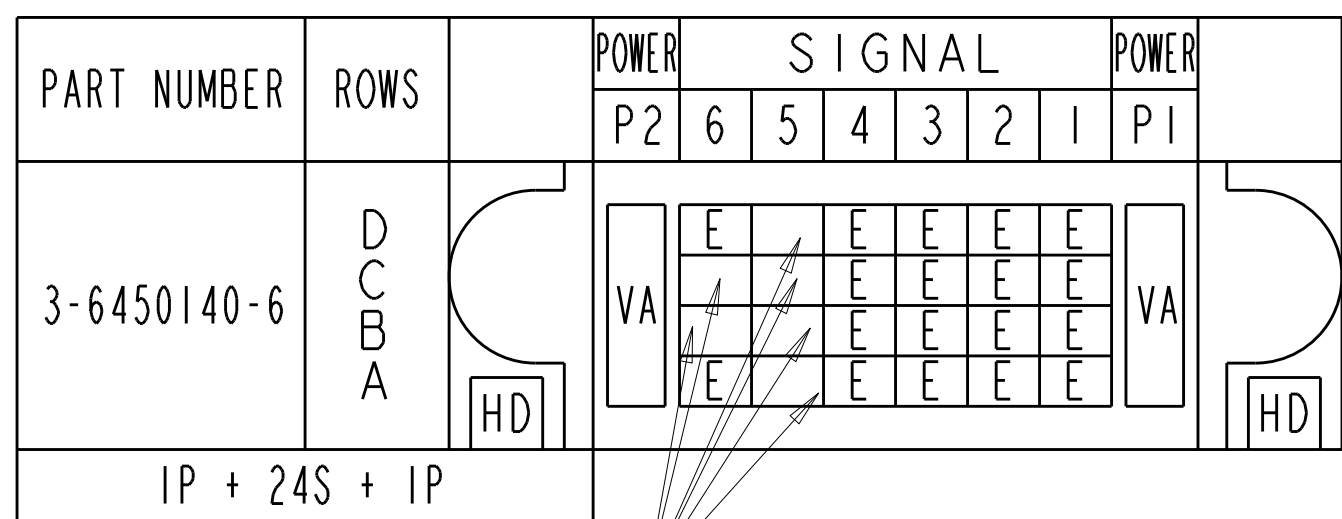
PART NUMBER	ROWS		POWER				SIGNAL					POWER																																																																																																																																								
			PI2	PI1	PI0	P9	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2		P1																																																																																																																															
2-6450140-6	D C B A																																																																																																																																																			



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWA CHG KWD M. PERCHERRE M. PERCHERRE		15FEB05 15FEB05	 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	SIZE A1	CAGE CODE 100779
		PRODUCT SPEC 108-1973				
0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±°		APPLICATION SPEC 114-13038				
MATERIAL FINISH		WEIGHT CUSTOMER DRAWING		DRAWING NO 6450140	RESTRICTED TO -	
				SCALE 2:1	SHEET 8	OF 11
				REV E		



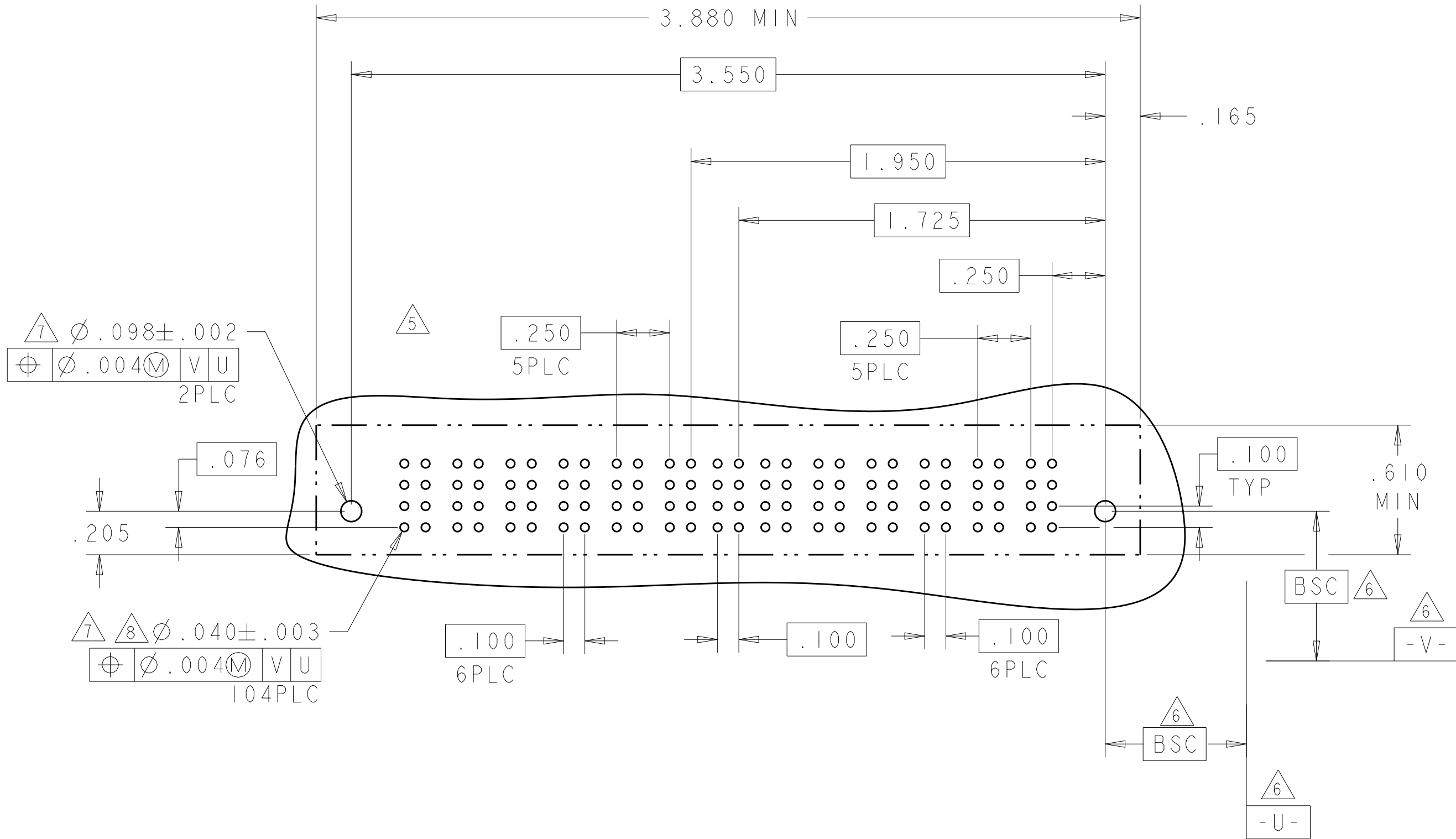
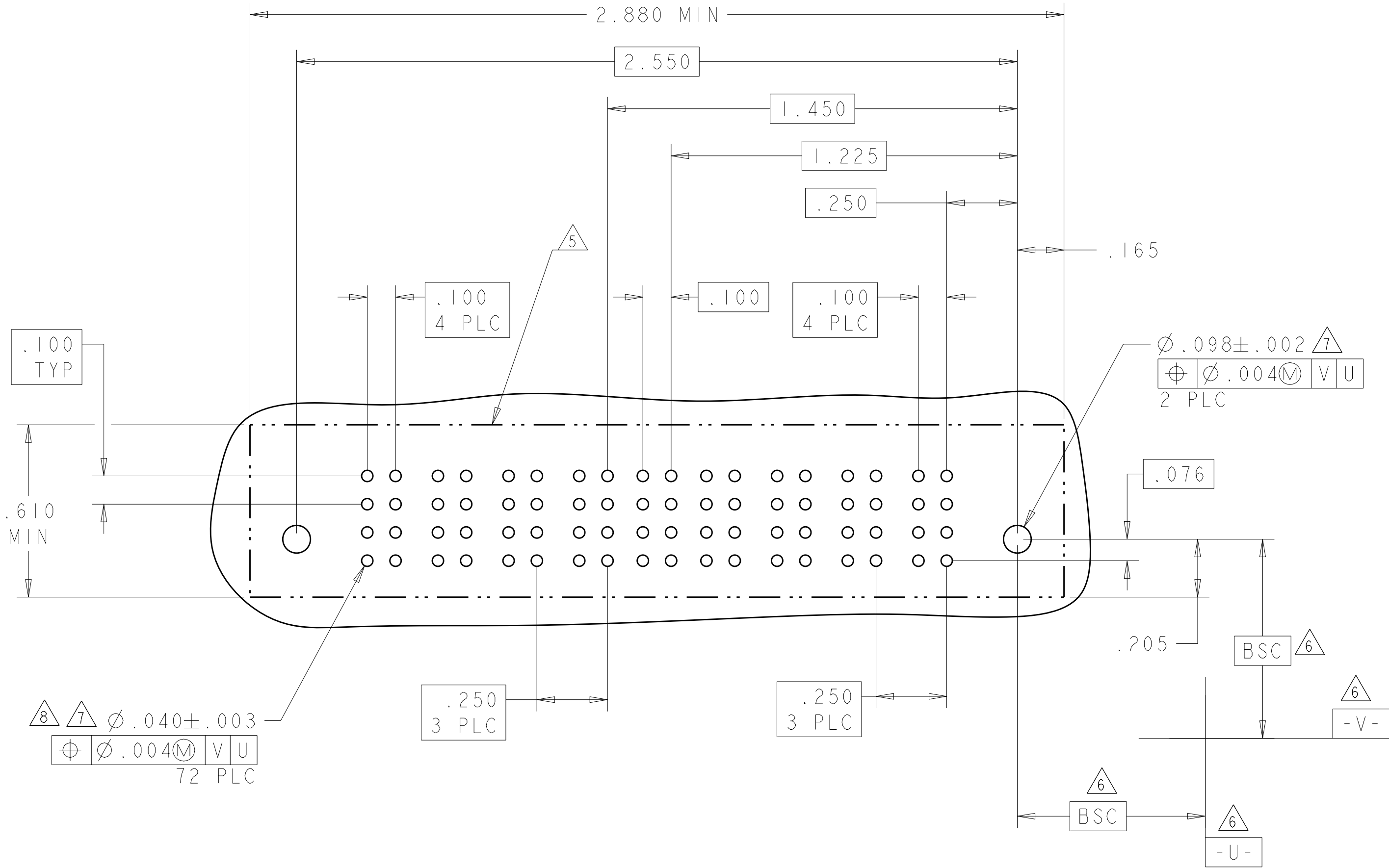
PART NUMBER	ROWS		POWER	SIGNAL							POWER		
			P2	6	5	4	3	2	1	P1			
3-6450140-5	D C B A			E	E	E	E	E	E	E			
				E	E	E	E	E	E				
				E	E	E	E	E	E				
				E	E	E	E	E	E				
IP + 24S + IP													

4805 (3/11)

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

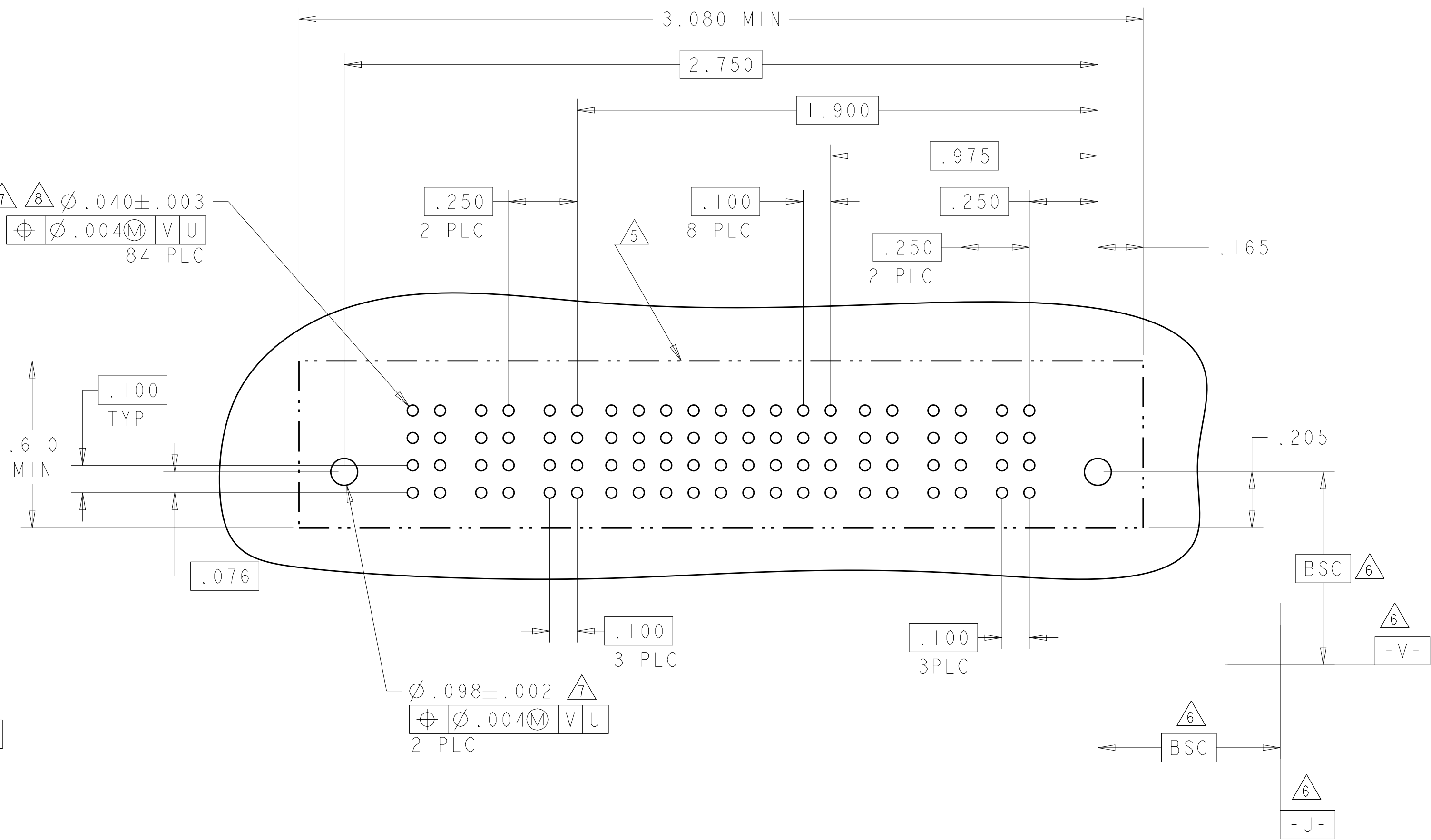
PART NUMBER	ROWS		POWER				SIGNAL		POWER				
			P8	P7	P6	P5	2	1	P4	P3	P2	P1	
2-6450140-9	D C B A	HD	VM	VM	VM	VM	E	E	VM	VM	VM	VM	HD
							E	E					
							E	E					
							E	E					
4P + 8S + 4P													

PART NUMBER	ROWS		POWER						SIGNAL		POWER							
			P12	P11	P10	P9	P8	P7	2	1	P6	P5	P4	P3	P2	P1		
3-6450140-0	D		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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	15FEB05 15FEB05	NAME	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
				108-1973	
				APPLICATION SPEC	
				114-13038	
MATERIAL		FINISH		WEIGHT	
-		-		-	
				CUSTOMER DRAWING	
				SCALE 2:1	
				SHEET 10 OF 11	
				REV E4	

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																		
3P + 36S + 3P																			

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