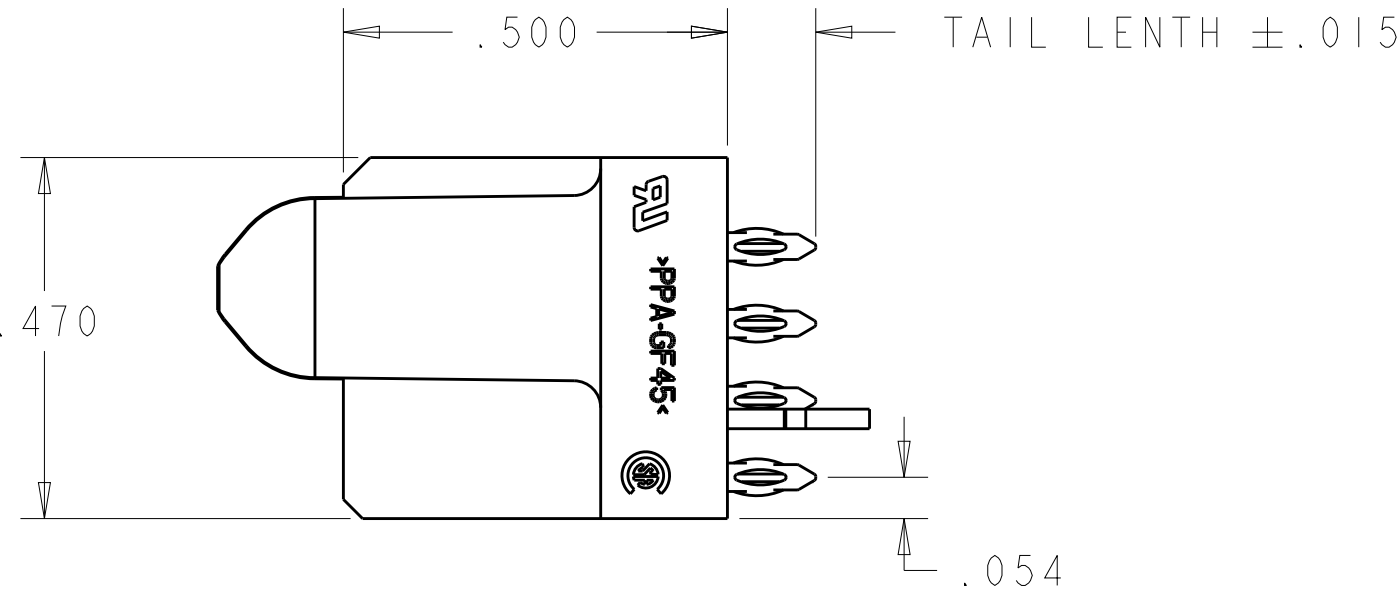
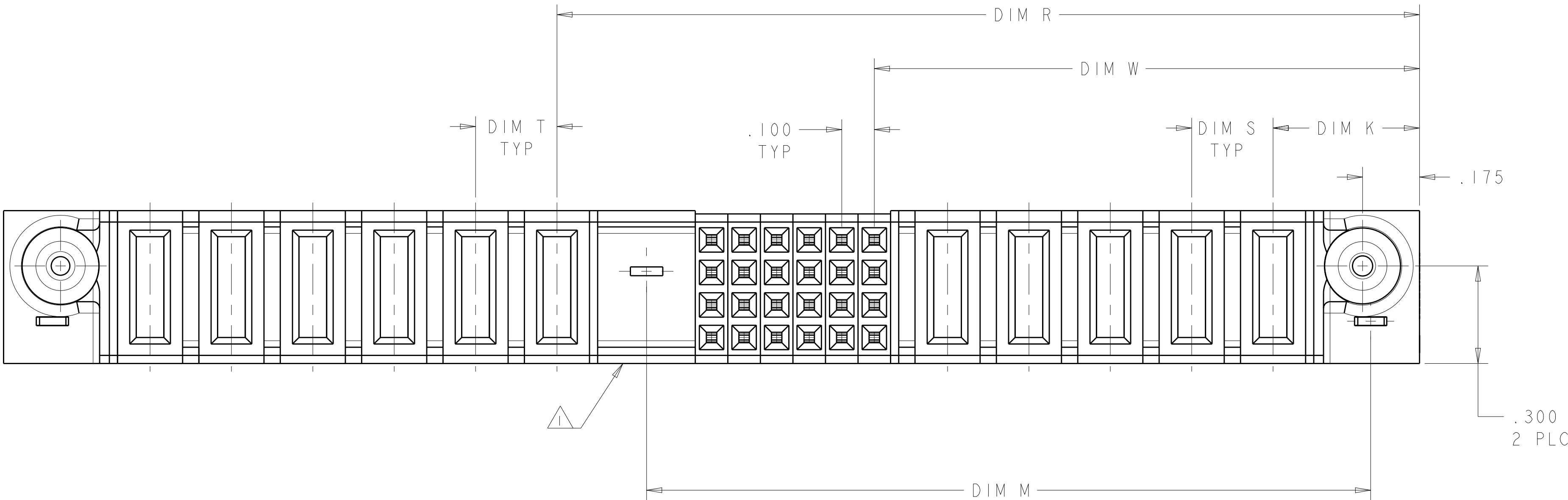
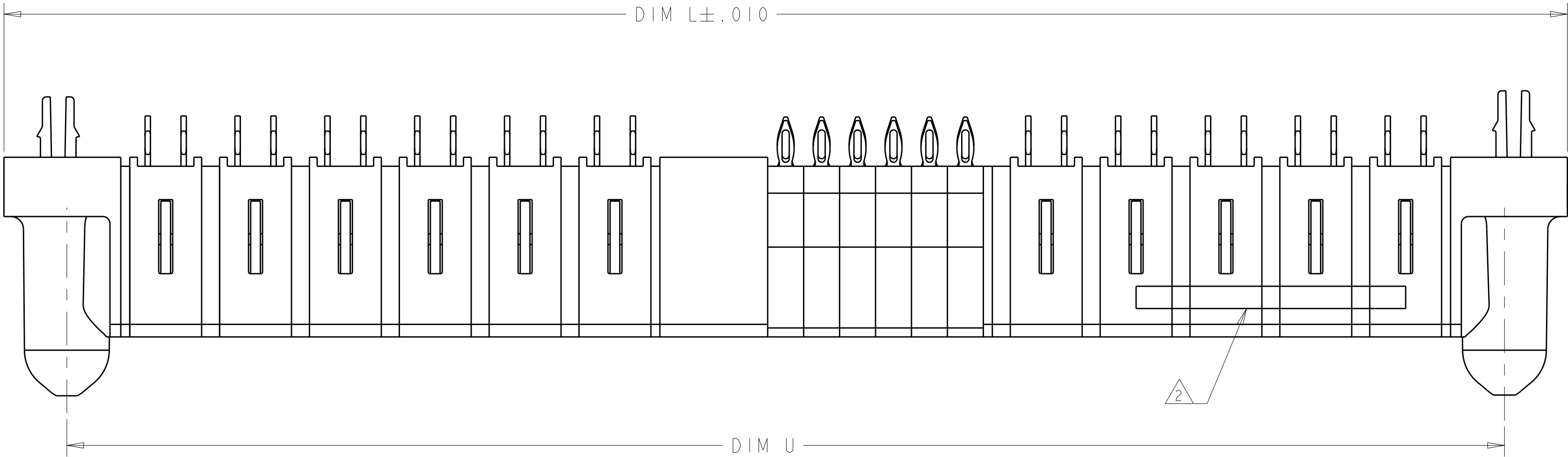
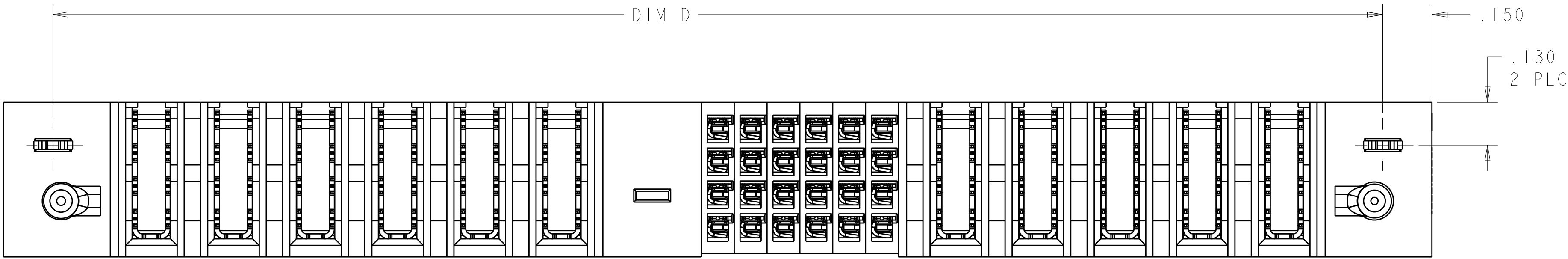


LOC		DIST		REVISIONS				
ES	00	P	LYR	DESCRIPTION	DATE	DWN	APVD	
		K9		REV PER ECR-12-018831	30OCT2012	AY	SZ	



- 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
PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES
- 3 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA
OF POWER CONTACTS 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 - 0.0453 ±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn
OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 HOLE
- 9 VARIABLE DIMENSION SHOWN VIEW (SHEET 6)

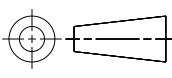
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 29APR05		 TE Connectivity							
		CHK M. PERCHERKE 29APR05									
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL						
INCHES											
	0 PLC ±:	APVD M. PERCHERKE	PRODUCT SPEC	APPLICATION SPEC							
	1 PLC ±.01										
	2 PLC ±.01										
	3 PLC ±.005										
	4 PLC ±.0020										
ANGLES ±.0020		114-13038		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
FINISH		WEIGHT									
MATERIAL				A100779C=6450540							
				CUSTOMER DRAWING		SCALE 2:1		SHEET 1 OF 19		REV K9	

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

K9	1.350	1.300	-	-	1.200	.625	-	1.650	.450	1P + 20S + 1P	6-6450540-6
	2.550	2.500	.250	.250	1.650	1.375	-	2.85	.450	4P + 8S + 4P	6-6450540-5
	1.350	1.300	-	-	1.200	.625	-	1.650	.450	1P + 20S + 1P	6-6450540-2
	-	3.300	.200	.200	2.200	1.625	-	3.650	.450	6P + 20S + 6P	6-6450540-1
	2.950	2.900	.250	.250	2.050	1.375	-	3.250	.450	4P + 24S + 4P	6-6450540-0
	2.050	2.000	.250	.250	1.650	.925	-	2.350	.450	2P + 24S + 2P	5-6450540-9
	2.050	2.000	.250	.250	1.400	1.125	-	2.350	.450	3P + 8S + 3P	5-6450540-5
	2.500	2.450	.250	.250	1.850	1.375	-	2.800	.450	4P + 16S + 3P	5-6450540-4
	2.950	2.900	.250	.250	2.050	1.375	-	3.250	.450	4P + 24S + 4P	5-6450540-3
	1.350	1.300	-	-	1.200	.675	-	1.650	.450	1P + 16S + 1P	5-6450540-2
	1.750	1.700	.250	.250	1.350	.875	-	2.050	.450	2P + 16S + 2P	5-6450540-1
	5.950	5.900	.250	.250	3.550	2.8750	-	6.250	.450	10P + 24S + 10P	5-6450540-0
	5.150	5.100	.250	.250	3.250	2.375	-	5.450	.450	8P + 32S + 8P	4-6450540-9
	1.250	1.200	-	-	1.100	.625	-	1.550	.450	1P + 16S + 1P	4-6450540-8
	2.150	2.100	.250	.250	1.500	1.175	-	2.450	.450	3P + 8S + 3P	4-6450540-7
	1.150	1.100	-	-	1.000	.675	-	1.450	.450	1P + 8S + 1P	4-6450540-6
	-	-	-	.200	-	-	-	2.820	.450	12HDP	4-6450540-5
	-	-	.200	.200	2.600	1.625	-	3.970	.450	6HDP + 36S + 7HDP	4-6450540-4
	2.65	2.60	.250	.250	2.250	1.625	-	2.950	.450	5P + 20S + 2P	(E)4-6450540-3
	-	-	-	.200	-	-	-	2.620	.450	11HDP	(E)4-6450540-2
	-	-	.200	.200	2.600	1.625	-	3.770	.450	6P + 36S + 6P	4-6450540-1
	-	-	.200	.200	4.500	3.425	-	7.470	.450	15P + 40S + 15P	4-6450540-0
	-	-	.200	.200	-	-	-	7.470	-	15P + 40S + 15P	(D)3-6450540-9
	4.650	4.600	.250	.250	3.250	1.875	-	4.950	.450	6P + 52S + 6P	(D)2-6450540-7
	1.950	1.900	-	-	1.550	.875	-	2.250	.450	2P + 24S + 2P	(D)2-6450540-5
	2.450	2.400	.250	.250	1.800	1.125	-	2.750	.450	3P + 24S + 3P	(D)2-6450540-0
	-	1.575	-	-	1.425	.700	-	1.925	.475	1P + 24S + 1P	(E)1-6450540-8
	-	5.450			3.075	2.425	-	5.800	.425	10P + 24S + 12P	1-6450540-4
	3.250	3.200	.200	.200	2.125	1.575	-	3.550	.425	6P + 20S + 6P	1-6450540-2
	-	2.850	.250	.250	2.000	1.125	-	3.200	.450	3P + 32S + 4P	1-6450540-1
	1.950	1.900	.250	.250	1.550	.875	-	2.250	.450	2P + 24S + 2P	1-6450540-0
	-	1.400	.250	.250	1.300	.625	-	1.750	.450	1P + 24S + 1P	6450540-7
	-	2.400	.250	.250	2.050	1.375	-	2.750	.450	4P + 24S + 2P	6450540-6
	-	3.100	.250	.250	2.000	1.625	-	3.450	.450	5P + 12S + 5P	6450540-5
	-	3.400	.250	.250	2.050	1.375	-	3.750	.450	4P + 24S + 6P	6450540-4
	-	7.400	.250	.250	5.050	2.875	-	7.750	.450	10P + 84S + 10P	6450540-3
	-	4.000	.250	.250	2.650	1.675	2.225	4.350	.450	5P+24S+1M+6P	6450540-2
	-	1.575	-	-	1.425	.700	-	1.925	.475	1P + 24S + 1P	6450540-1
	D	U	T	S	R	W	M	L	K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.
TOLERANCES UNLESS OTHERWISE SPECIFIED:

DIMENSIONS:
INCHES



MATERIAL

FINISH

DWN
R. GRZYBOWSKI
CHK
M. PERCHERKE
APVD
M. PERCHERKE

29APR05
29APR05

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
6450540

RESTRICTED TO
-

SCALE
2:1

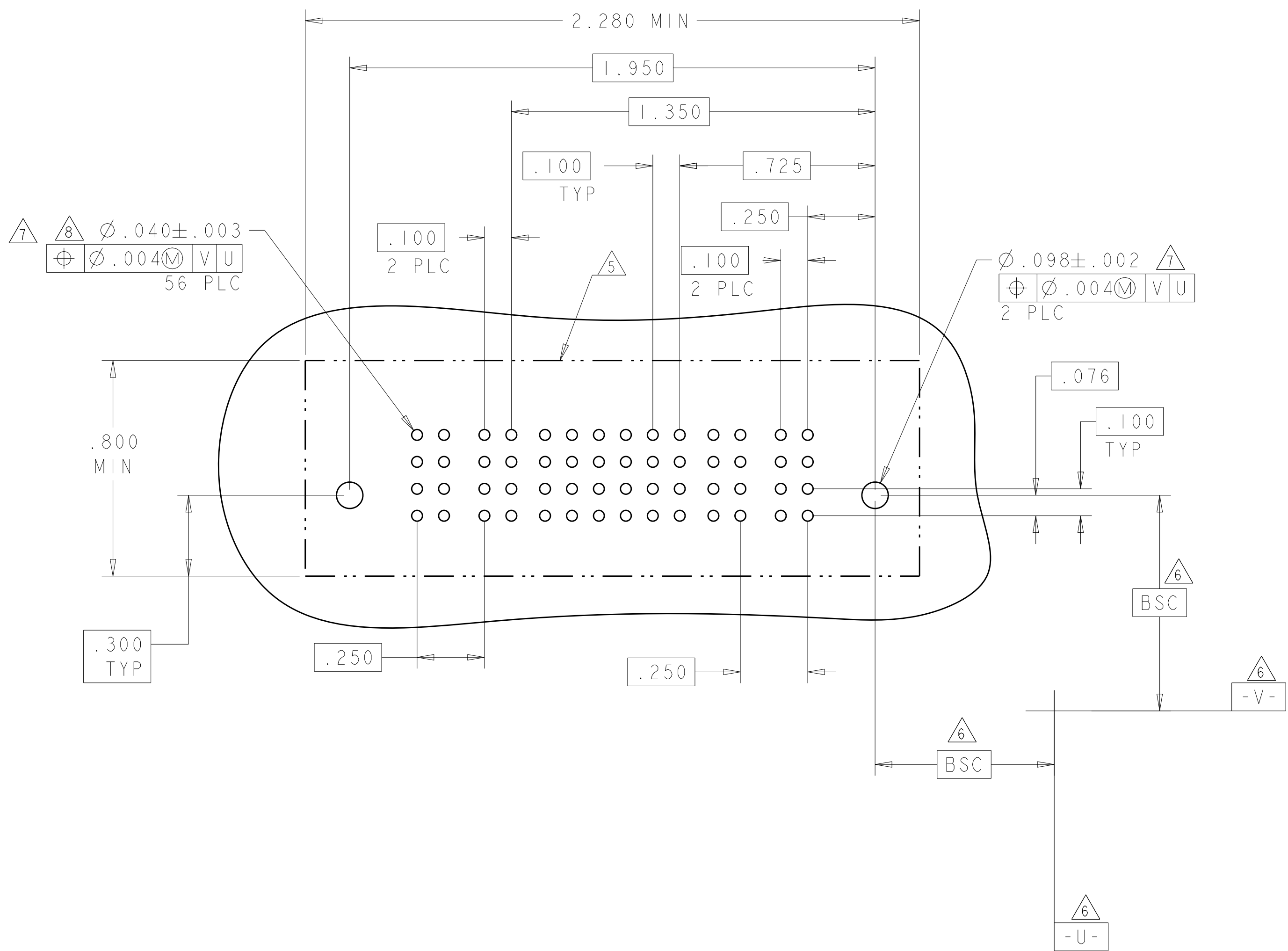
SHEET
2

OF
19

REV
K9

ITE Connectivity

PART NUMBER	ROWS		POWER		SIGNAL							POWER		
			P4	P3	6	5	4	3	2	1	P2	P1		
2-6450540-5	D C B A													
2P + 24S + 2P														



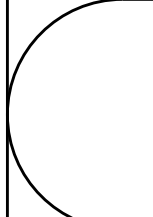
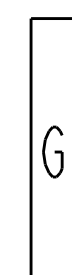
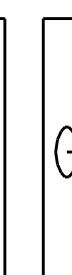
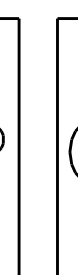
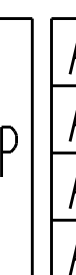
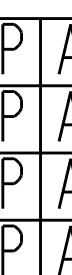
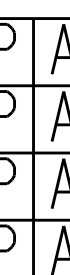
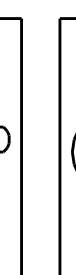
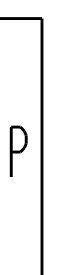
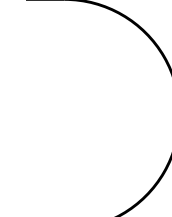
VS	STD POWER PRESSFIT CONTACT .115 LG
VP	MFBL POWER PRESSFIT CONTACT .115 LG
GS	STD POWER PRESSFIT CONTACT .135 LG
GP	MFBL POWER PRESSFIT CONTACT .135 LG
P	SIGNAL PRESSFIT CONTACT .115 LG
AP	SIGNAL PRESSFIT CONTACT .135 LG
CODE	TAIL LENGTH

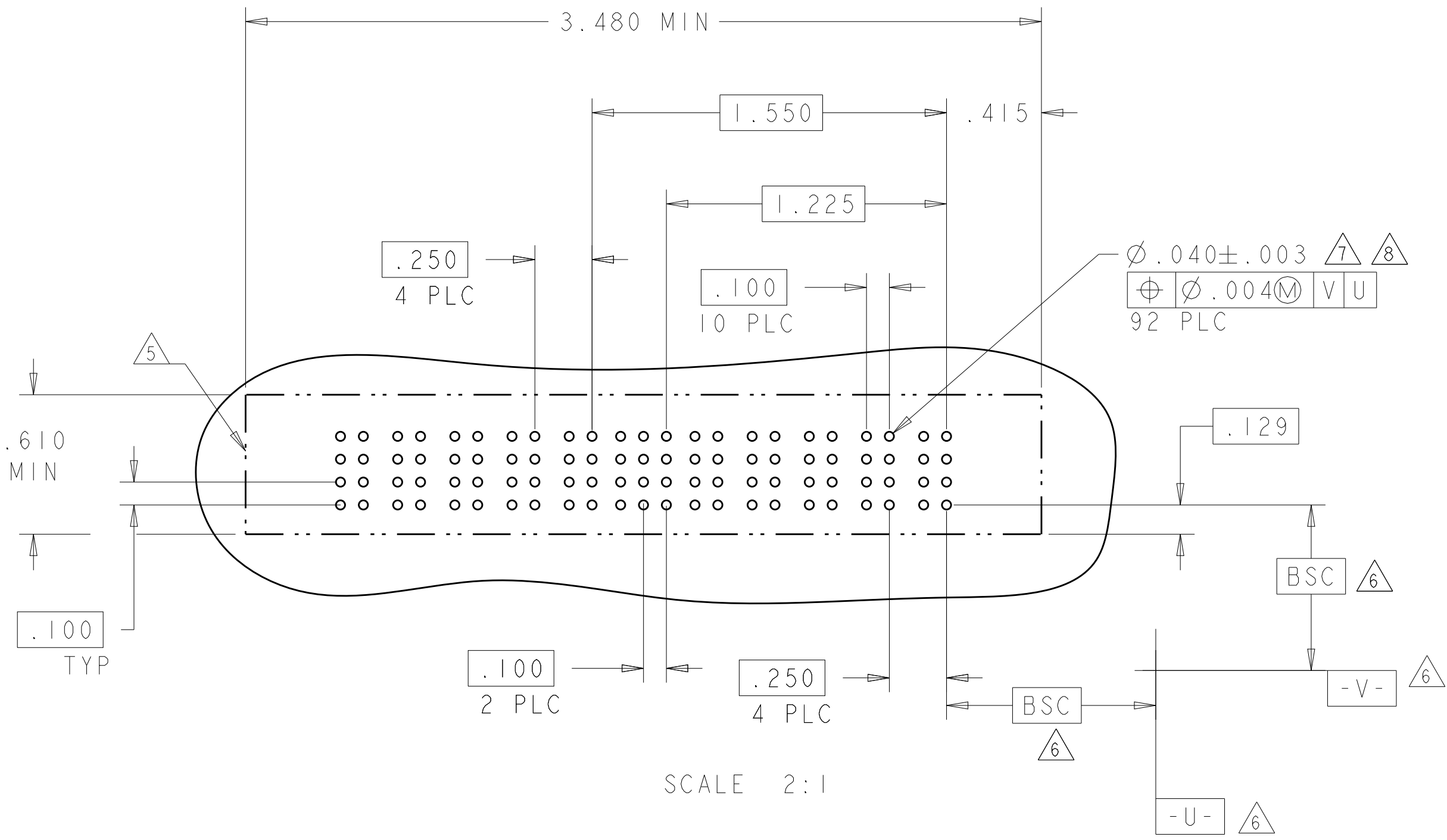
4805 (3/11)

Technical drawing of a mechanical part, showing a top view with a grid of holes. The drawing includes dimensions and specifications:

- Overall length: 7.780 MIN
- Overall width: .610 MIN
- Central rectangular area dimensions: 4.600 (width) and 2.475 (height)
- Grid of holes: 244 holes (20 rows by 12 columns)
- Hole diameter: $\varnothing .040 \pm .003$
- Surface finish symbols (triangles with numbers 5, 6, 7, 8)
- Material and heat treatment specifications: BSC, -V-, and -U-
- Other dimensions: .250 (9 PLC), .100 (20 PLC), .100 (20 PLC), .129, .250 (9 PLC), .100 TYP

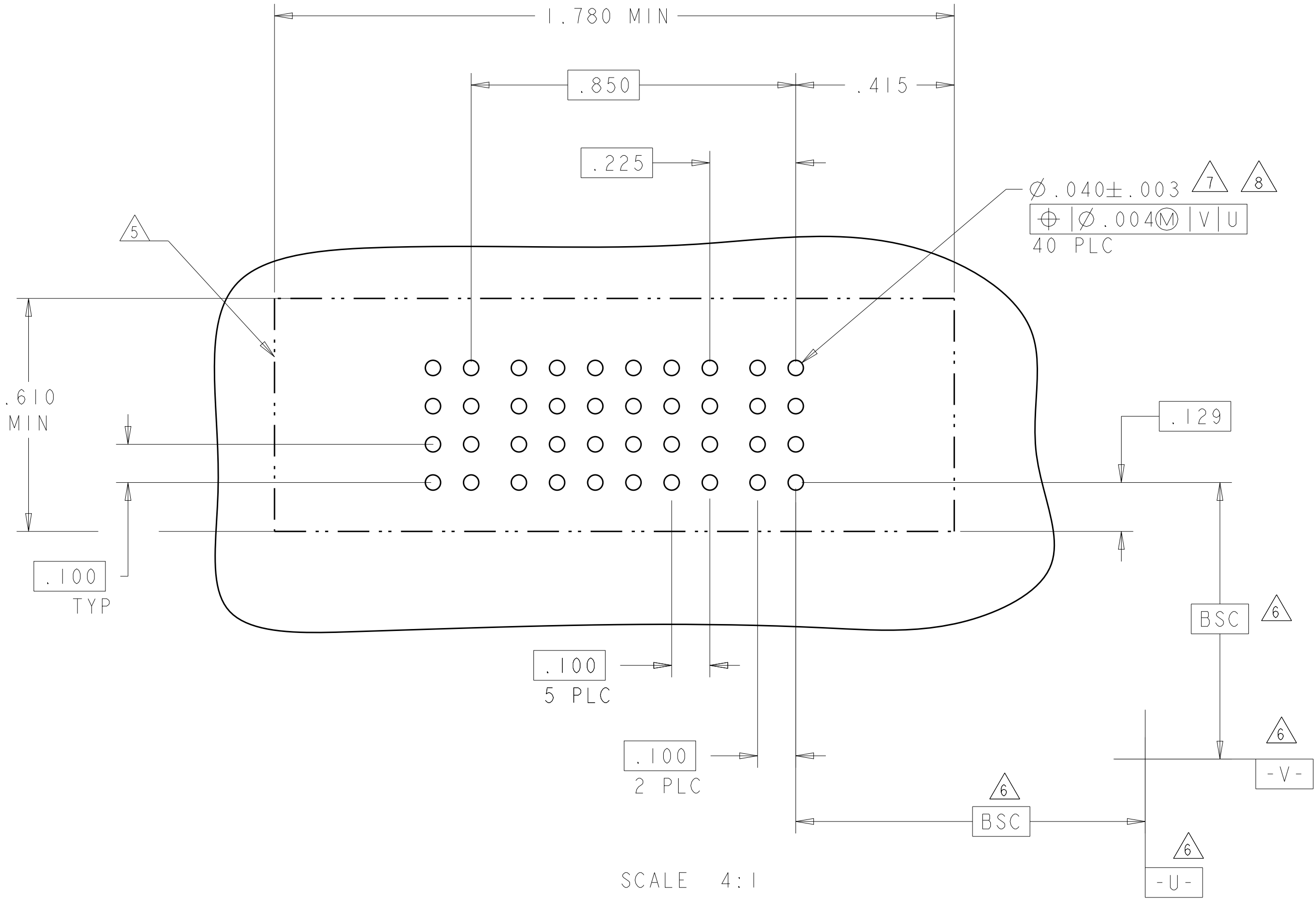
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI		29APR05	
		CHP M. PERCZERKE		29APR05	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		 TE Connectivity	
INCHES		0 PLC ± 1 PLC ± 2 PLC ± 0.01 3 PLC ± 0.005 4 PLC ± 0.002 ANGLES ±°		NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		APUD M. PERCZERKE PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CASE CODE DRAWING NO RESTRICTED TO A 100779 ©-6450540 -	
MATERIAL FINISH		WEIGHT			
		CUSTOMER DRAWING		SCALE 2:1 SHEET 4 of 19 REV K9	

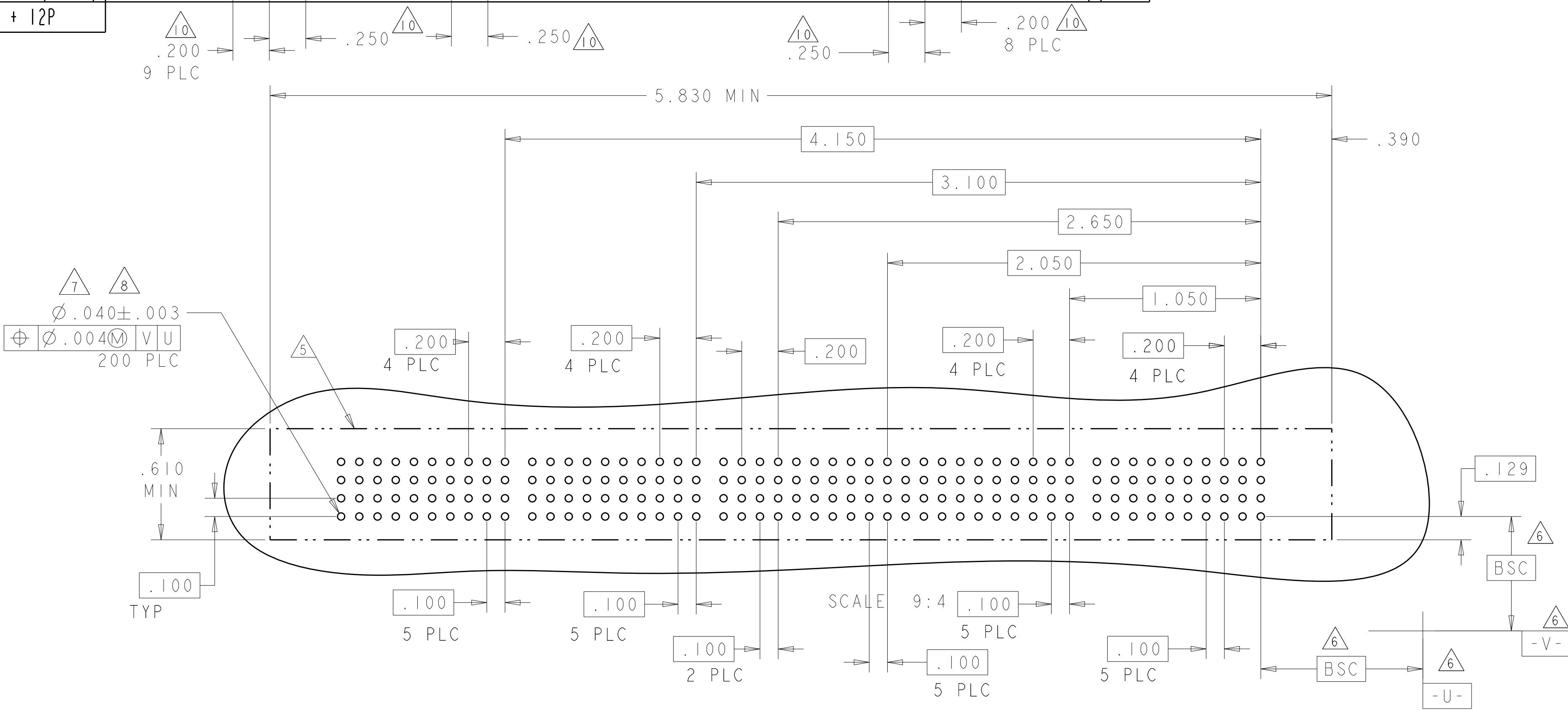
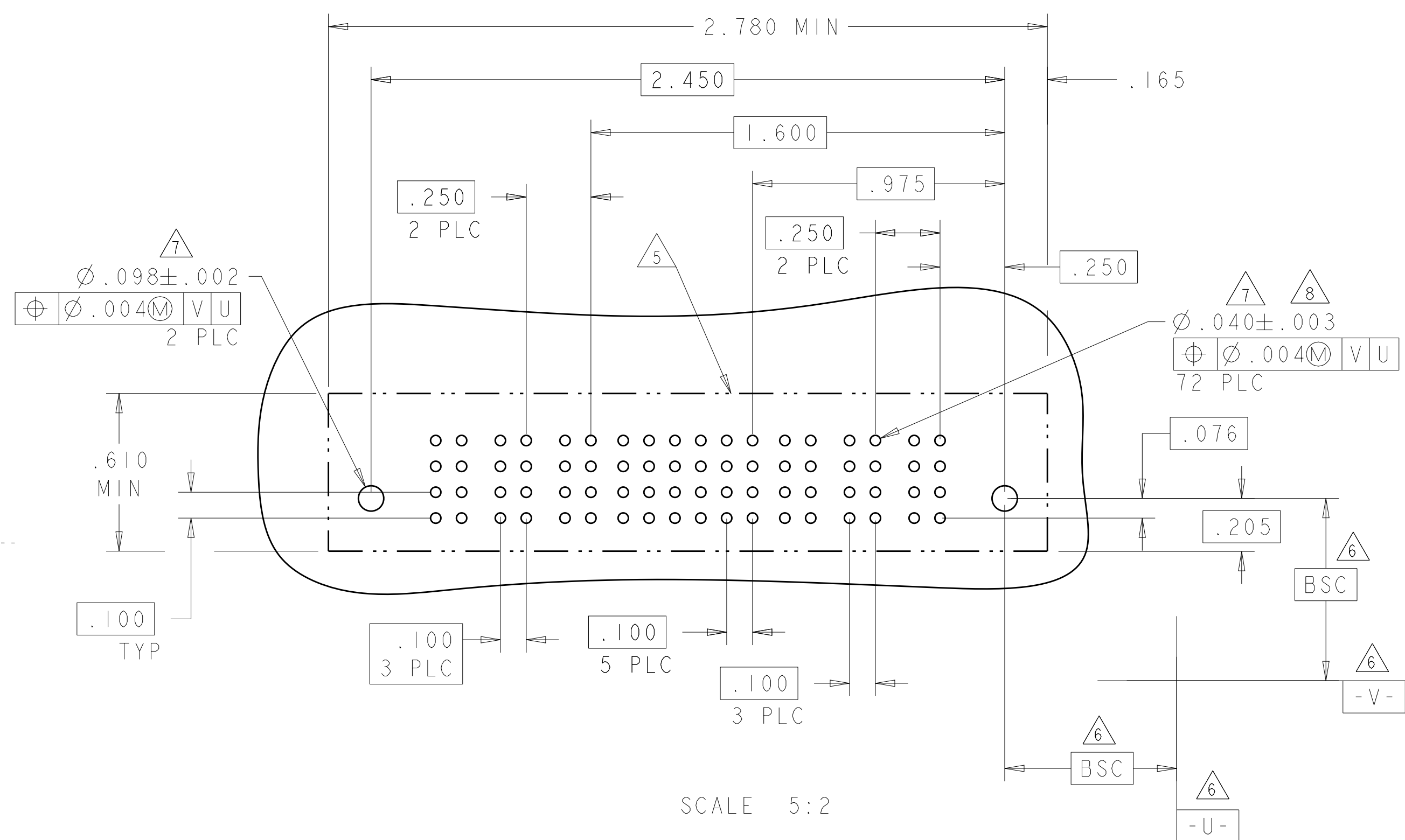
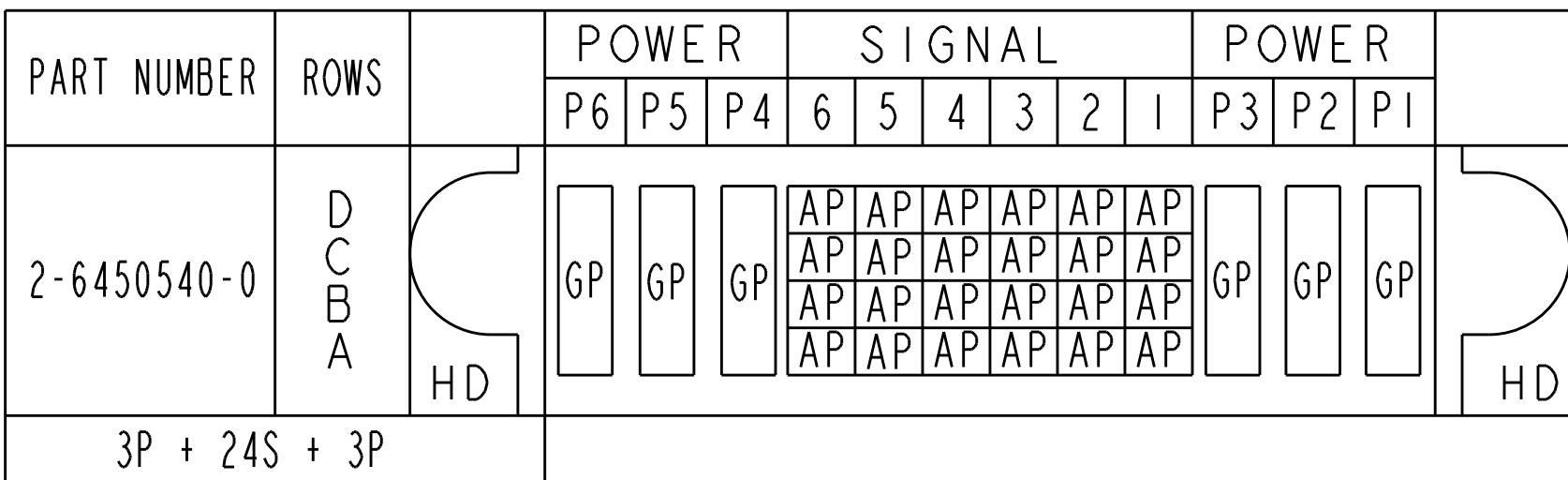
PART NUMBER	ROWS		POWER					SIGNAL			POWER					
			P10	P9	P8	P7	P6	3	2	1	P5	P4	P3	P2	P1	
6450540-5	D C B A															
5P + 12S + 5P																



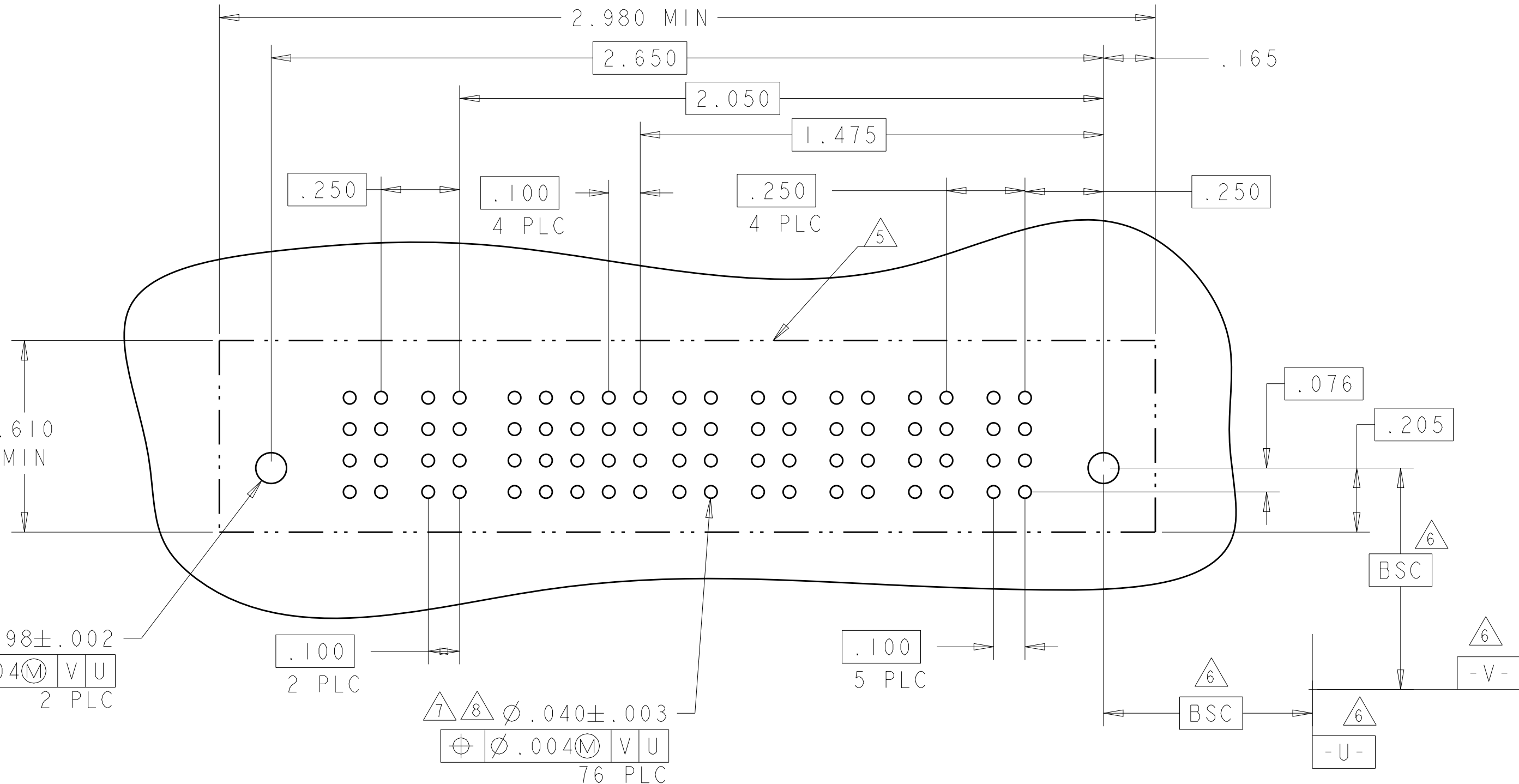
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 29APR05		 TE Connectivity			
DIMENSIONS: INCHES		CHW M. PERCHERKE 29APR05					
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL			
	1 P/LC ±		APVD M. PERCHERKE -				
	1 P/LC ±		PRODUCT SPEC				
	2 P/LC ±.01		108-1973				
	3 P/LC ±.005		APPLICATION SPEC				
4 P/LC ±.0020		114-13038	SIZE	CAGE CODE	DRAWING NO.	RESTRICTED TO	
ANGLES ±°		WEIGHT -	A	00779	©=6450540	-	
FINISH		CUSTOMER DRAWING		SCALE	2:1	SHEET 5 OF 19	REV K9

PART NUMBER	ROWS		POWER	SIGNAL							POWER	
			P2	6	5	4	3	2	1	P1		
6450540-7	D C B A		GP	AP	AP	AP	AP	AP	AP	AP	GP	
				AP	AP	AP	AP	AP	AP			
				AP	AP	AP	AP	AP	AP			
				AP	AP	AP	AP	AP	AP			
IP + 24S + IP												

4805 (3/11)



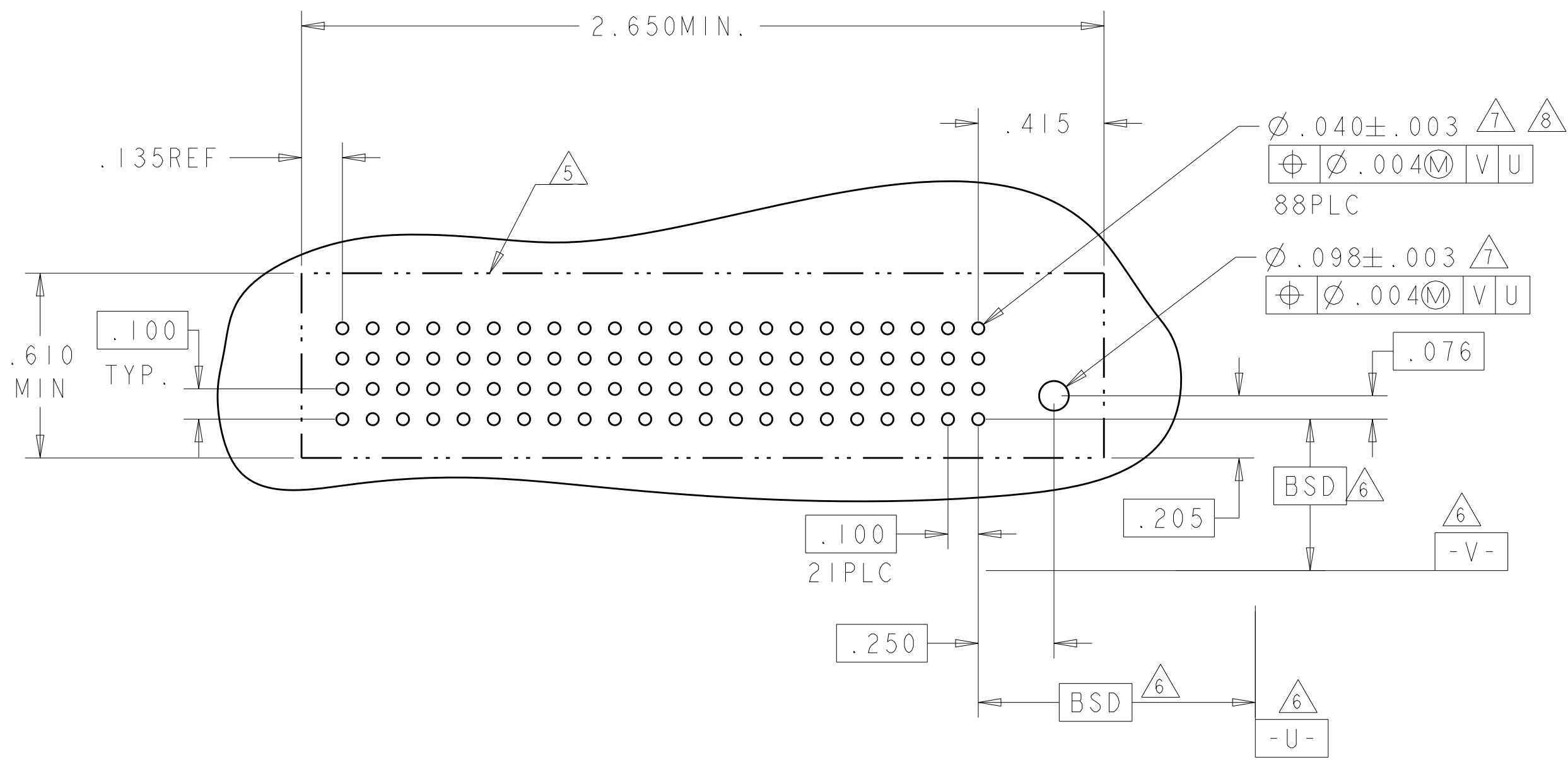
PART NUMBER	ROWS		POWER		SIGNAL					POWER						
			P7	P6	5	4	3	2	1	P5	P4	P3	P2	P1		
4-6450540-3	D C B A	 HD			AP	AP	AP	AP	AP	AP						 HD
5P + 20S + 2P																



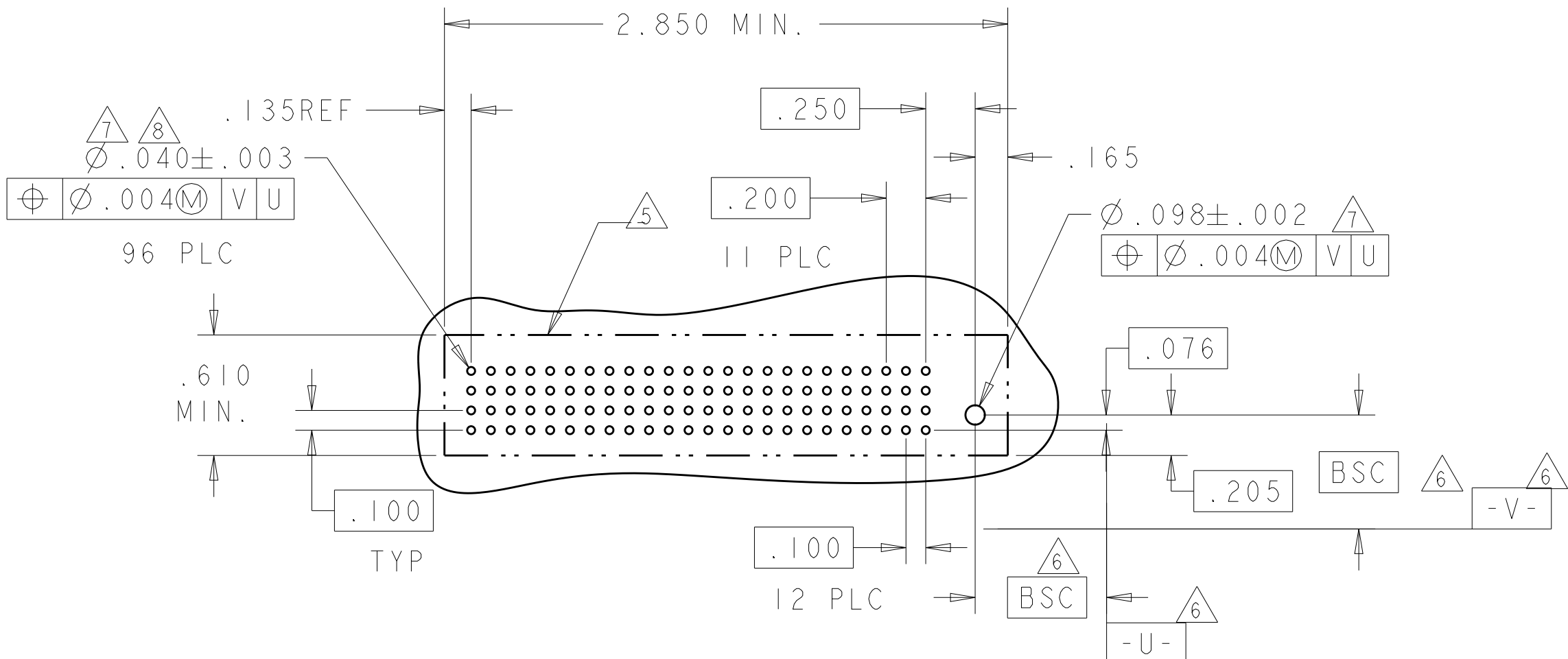
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWA R. GRZYBOWSKI 29APR05		 TE Connectivity	
		CHP M. PERCHERKE 29APR05			
DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		2 PLC ± 0.1			
		4 PLC ± 0.05			
		4 PLC ± 0.020			
ANGLES FINGER		APPLICATION SPEC		SIZE	
		114-13038		CASE CODE	
		WEIGHT		DRAWING NO	
		-		A1 00779	
MATERIAL		CUSTOMER DRAWING		RESTRICTED TO	
				-	
				SCALE 2:1	
				SHEET 8 OF 19	
				REV K9	

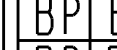
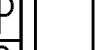
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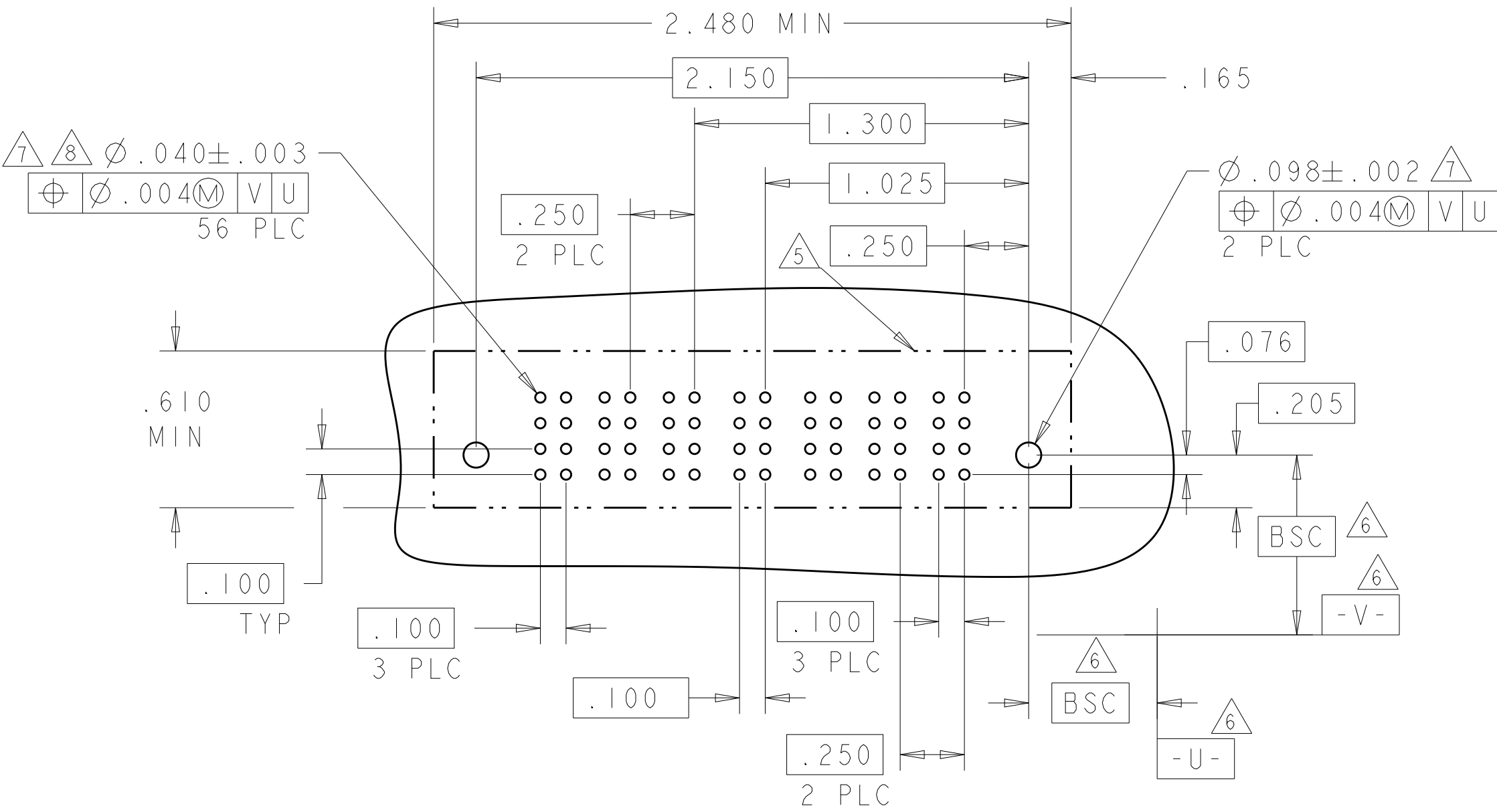
PART NUMBER	ROWS	POWER										
		P11	P10	P9	P8	P7	P6	P5	P3	P2	P1	
4-6450540-2	D C B A	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	
11HDP												

4805 (3/11)

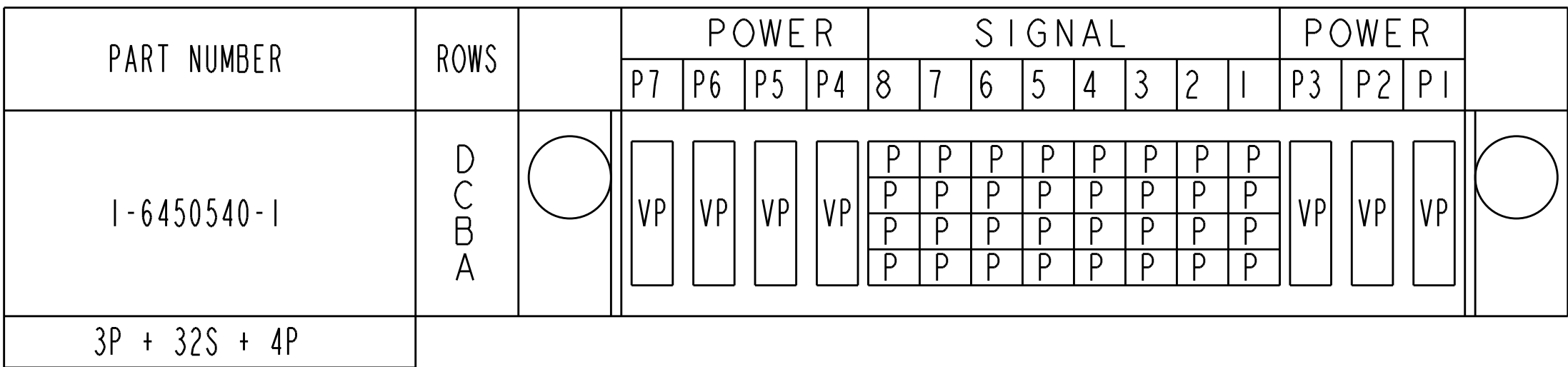
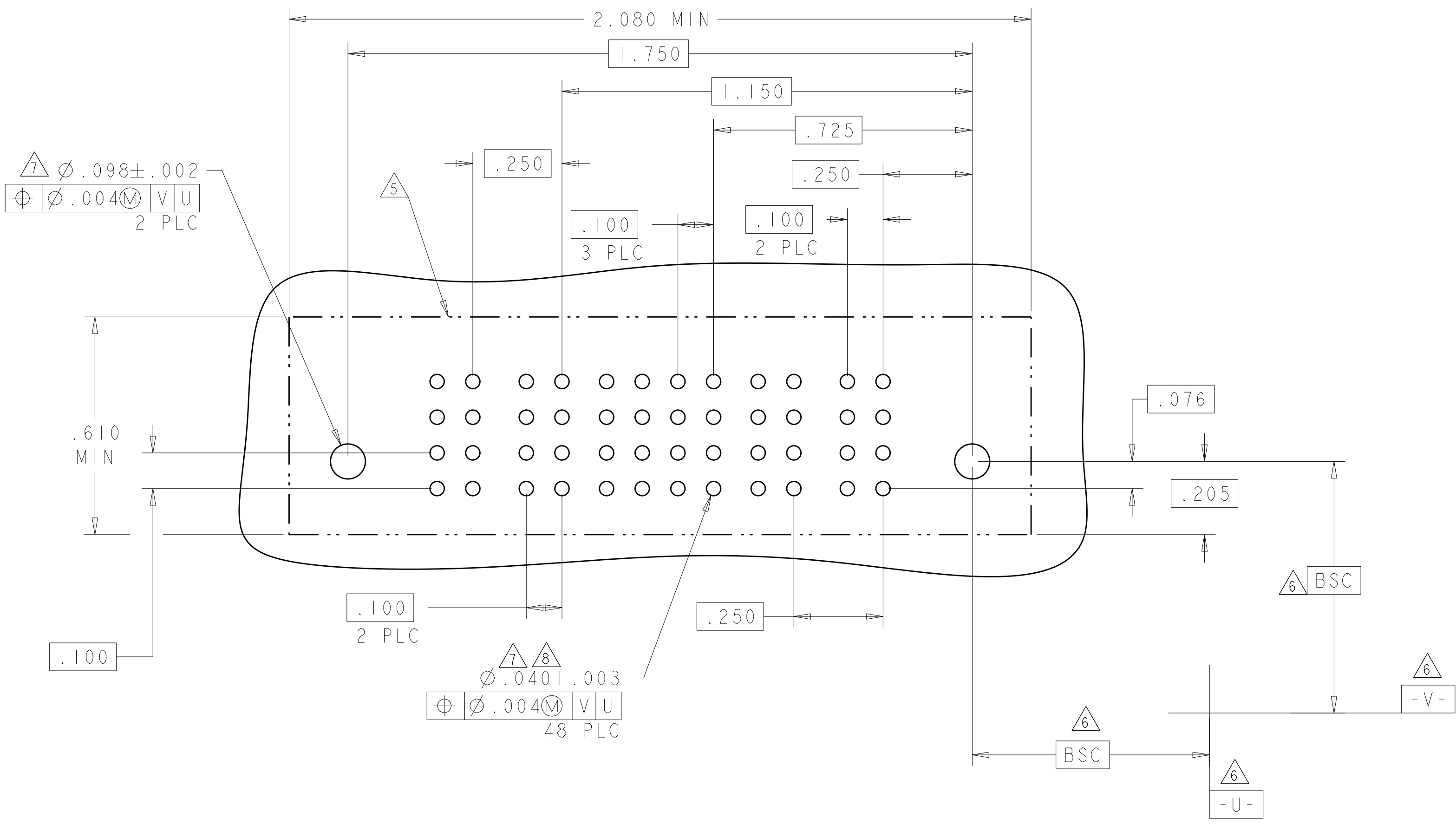
PART NUMBER	ROWS	POWER											
		P12	P11	P10	P9	P8	P7	P6	P5	P3	P2		P1
4-6450540-5	D C B A	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	HD
12HDP													

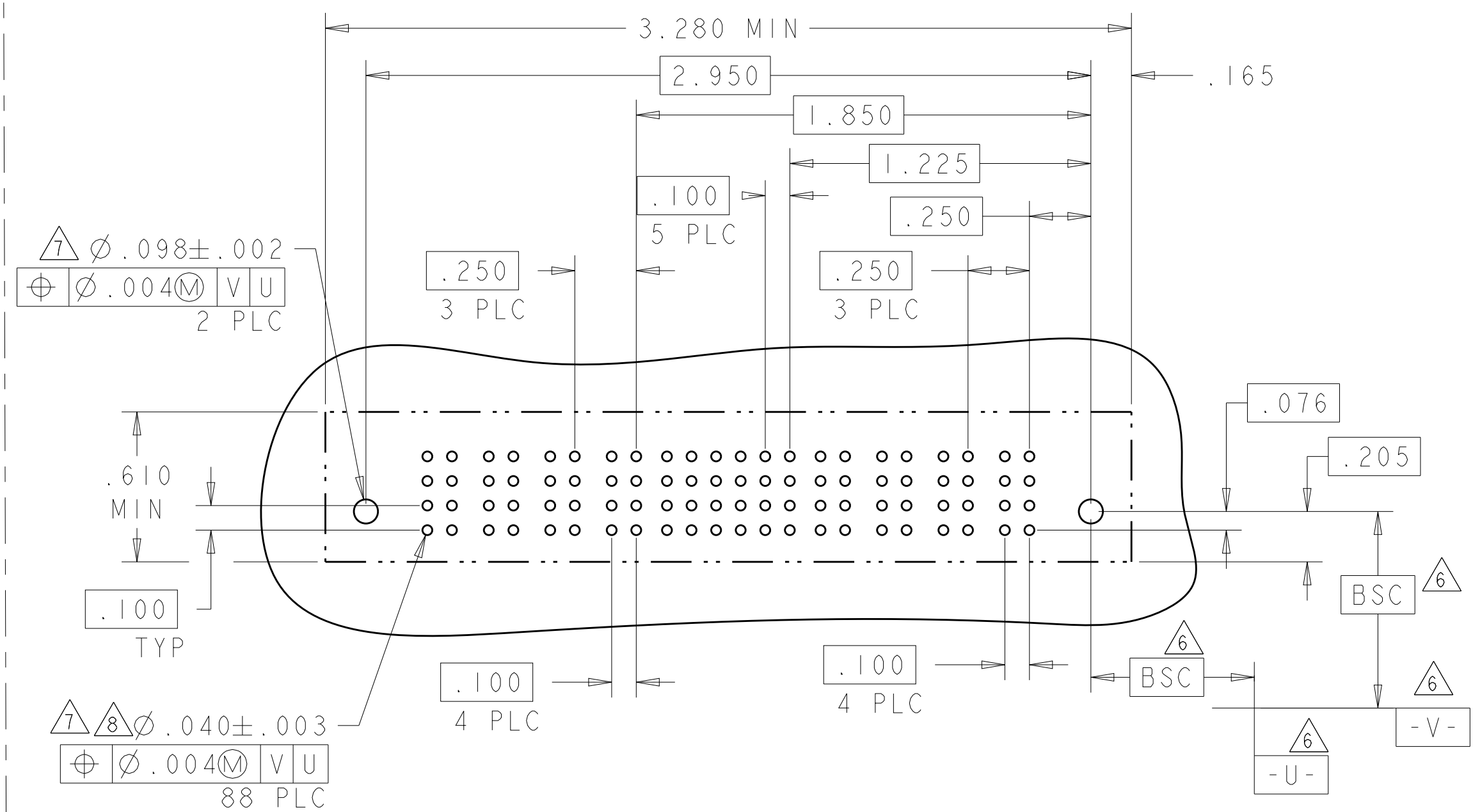


PART NUMBER	ROWS		POWER			SIGNAL		POWER			
			P6	P5	P4	2	1	P3	P2	P1	
4-6450540-7	D C B A										
3P + 8S + 3P											

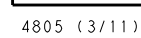
4805 (3/11)

PART NUMBER	ROWS		POWER		SIGNAL				POWER			
			P4	P3	4	3	2	1	P2	P1		
5-6450540-1	D C B A				AP	AP	AP	AP	AP	AP		
					AP	AP	AP	AP	AP	AP		
					AP	AP	AP	AP	AP	AP		
2P + 16S + 2P												

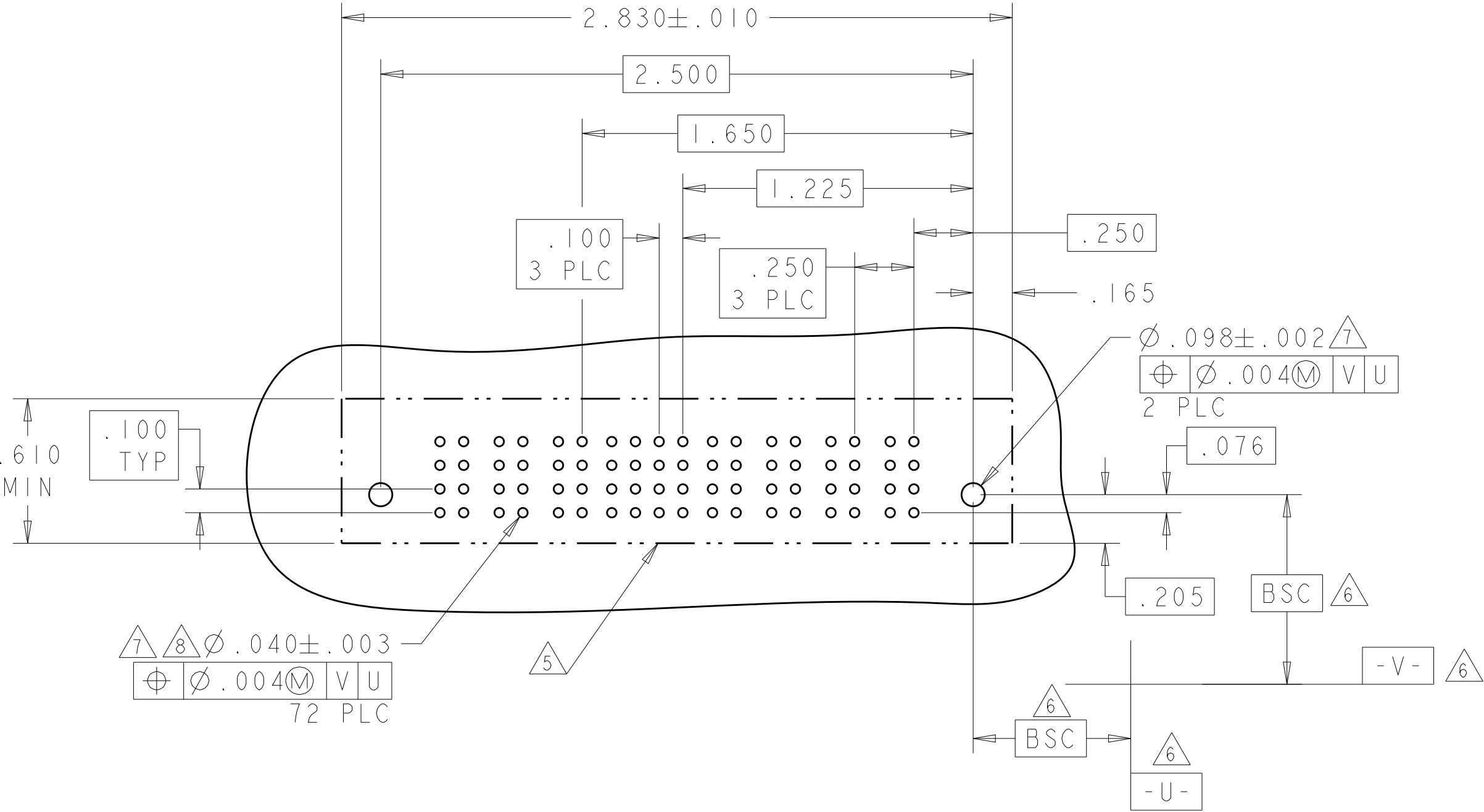


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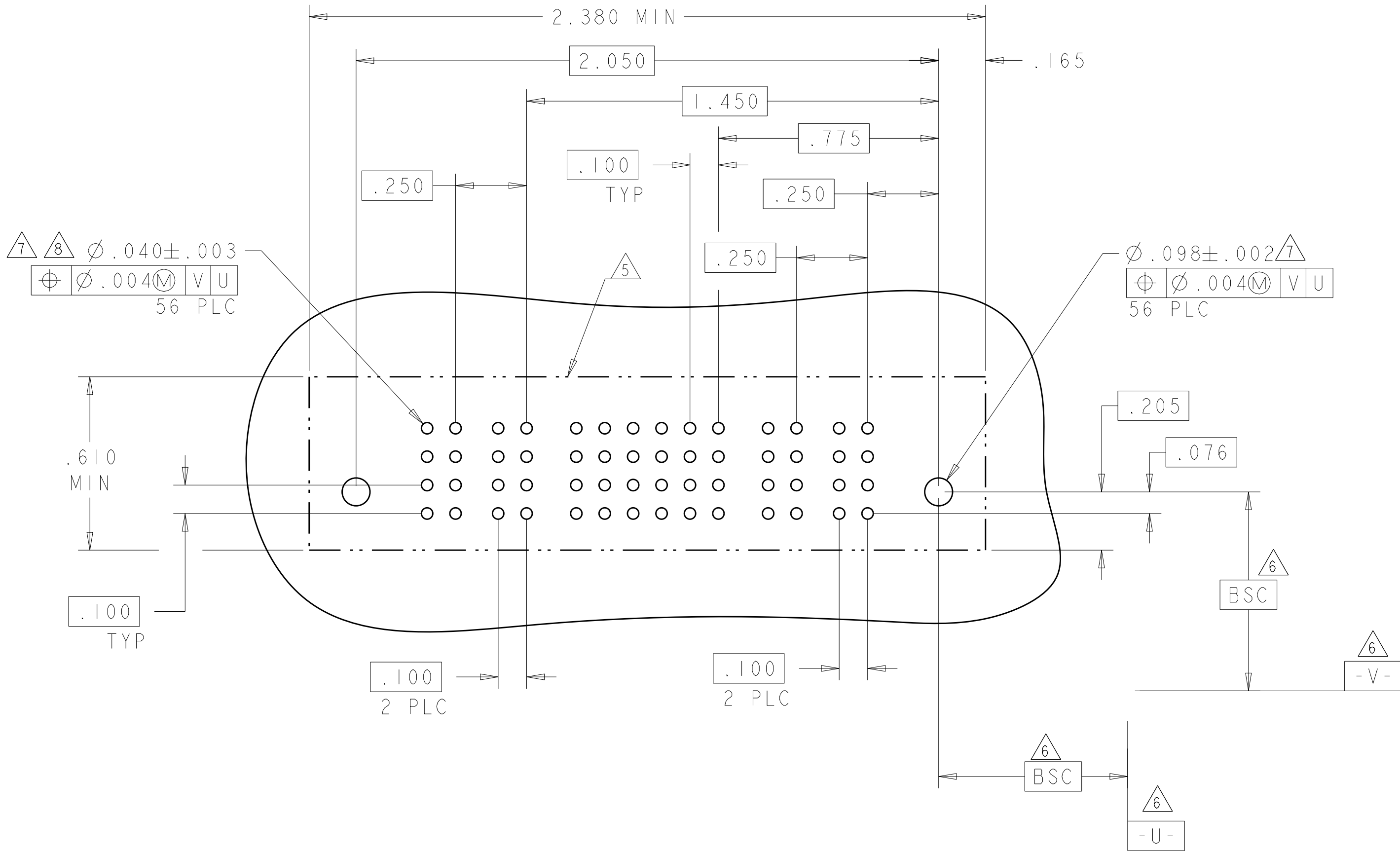
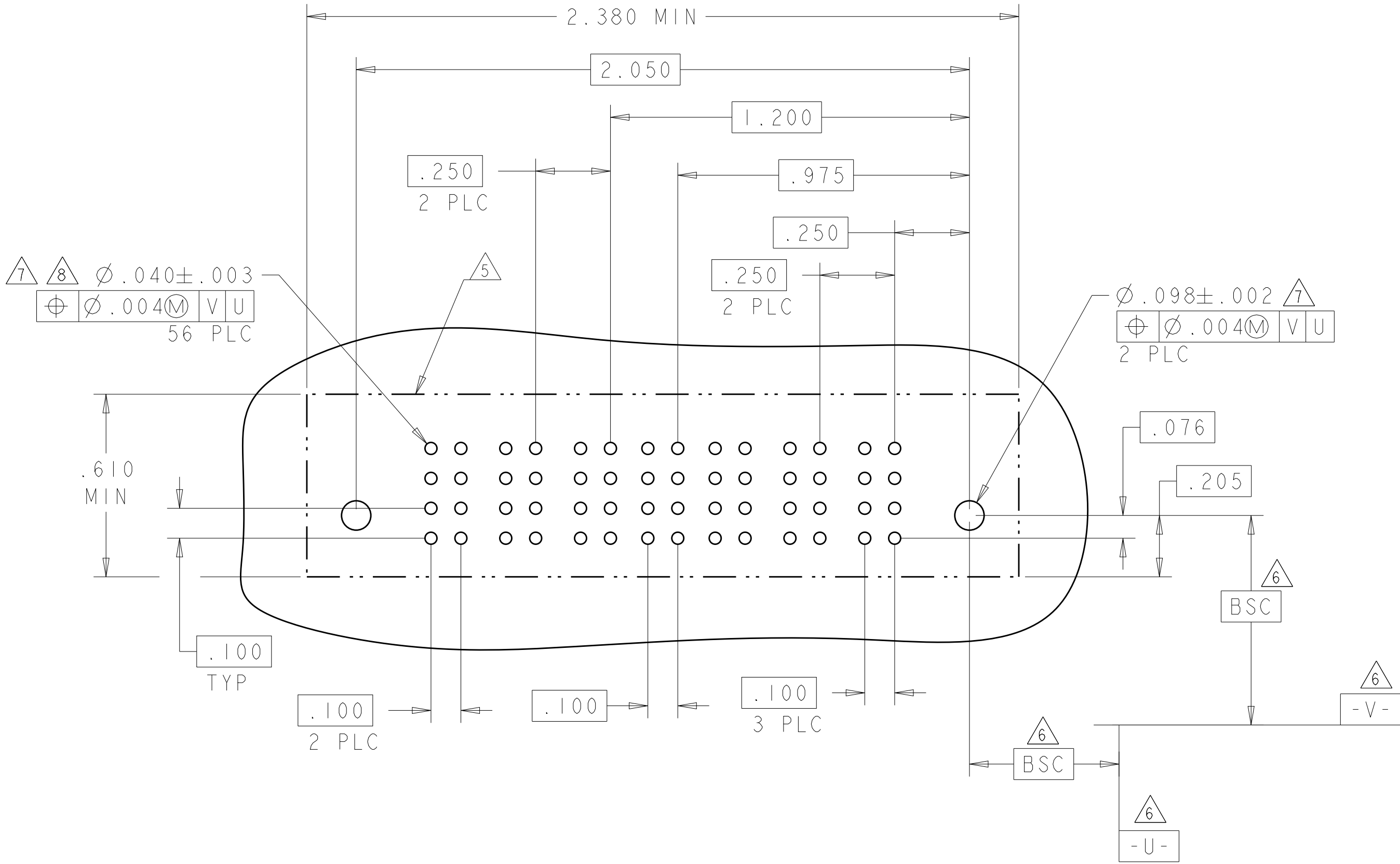
THIS DRAWING IS A CONTROLLED DOCUMENT...		DWN M. GRZYBOWSKI		Z9APR05		 TE Connectivity	
		CHN M. PERCHERKE		Z9APR05			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		0 PLC ±.1 1 PLC ±.1 2 PLC ±.01 3 PLC ±.005 4 PLG ±.0020 ANGLES ±30°		EXPD M. PERCHERKE PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038			
MATERIAL		FINISH		SIZE CAGE CODE DRAWING NO		RESTRICTED TO	
				A100779C6450540		-	
CUSTOMER DRAWING				SCALE 2:1		SHEET 13 OF 19 REV K9	



PART NUMBER	ROWS		POWER			SIGNAL				POWER				
			P7	P6	P5	4	3	2	1	P4	P3	P2	P1	
5-6450540-4	D C B A				P	P	P	P	VS	VS	VS	VS		
					P	P	P	P						
					P	P	P	P						
					P	P	P	P						
4P + 16S + 3P														



PART NUMBER	ROWS		POWER			SIGNAL		POWER			
			P6	P5	P4	2	1	P3	P2	P1	
5-6450540-5	D C B A	</									



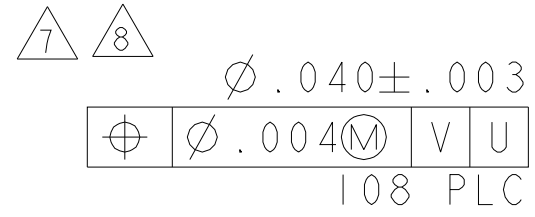
PART NUMBER	ROWS		POWER		SIGNAL					POWER			
			P4	P3	6	5	4	3	2	1	P2		P1
5-6450540-9	D C B A		GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	
					AP	AP	AP	AP	AP	AP			
					AP	AP	AP	AP	AP	AP			
					AP	AP	AP	AP	AP	AP			
2P + 24S + 2P													

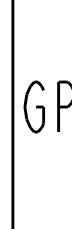
LOC		DIST		REVISIONS					
ES		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					-	SEE SHEET I	-	-	-

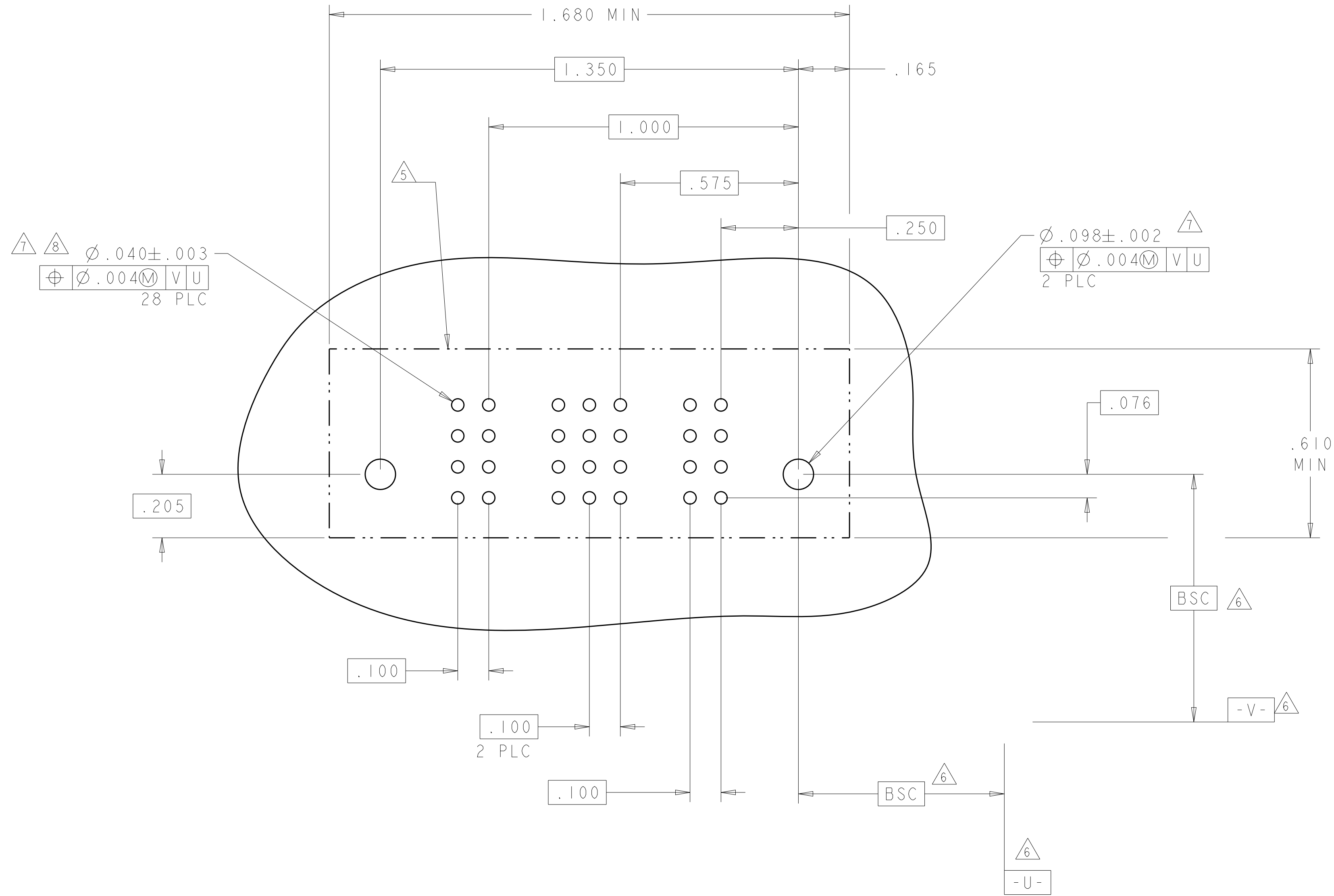
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	29APR05 29APR05	NAME	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
		0 PLC ±.01		108-1973	
		1 PLC ±.01		APPLICATION SPEC	
MATERIAL		FINISH		WEIGHT	
				CUSTOMER DRAWING	
				SCALE 2:1	
				SHEET 14 OF 19	
				REV K9	

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4805 (3/11)

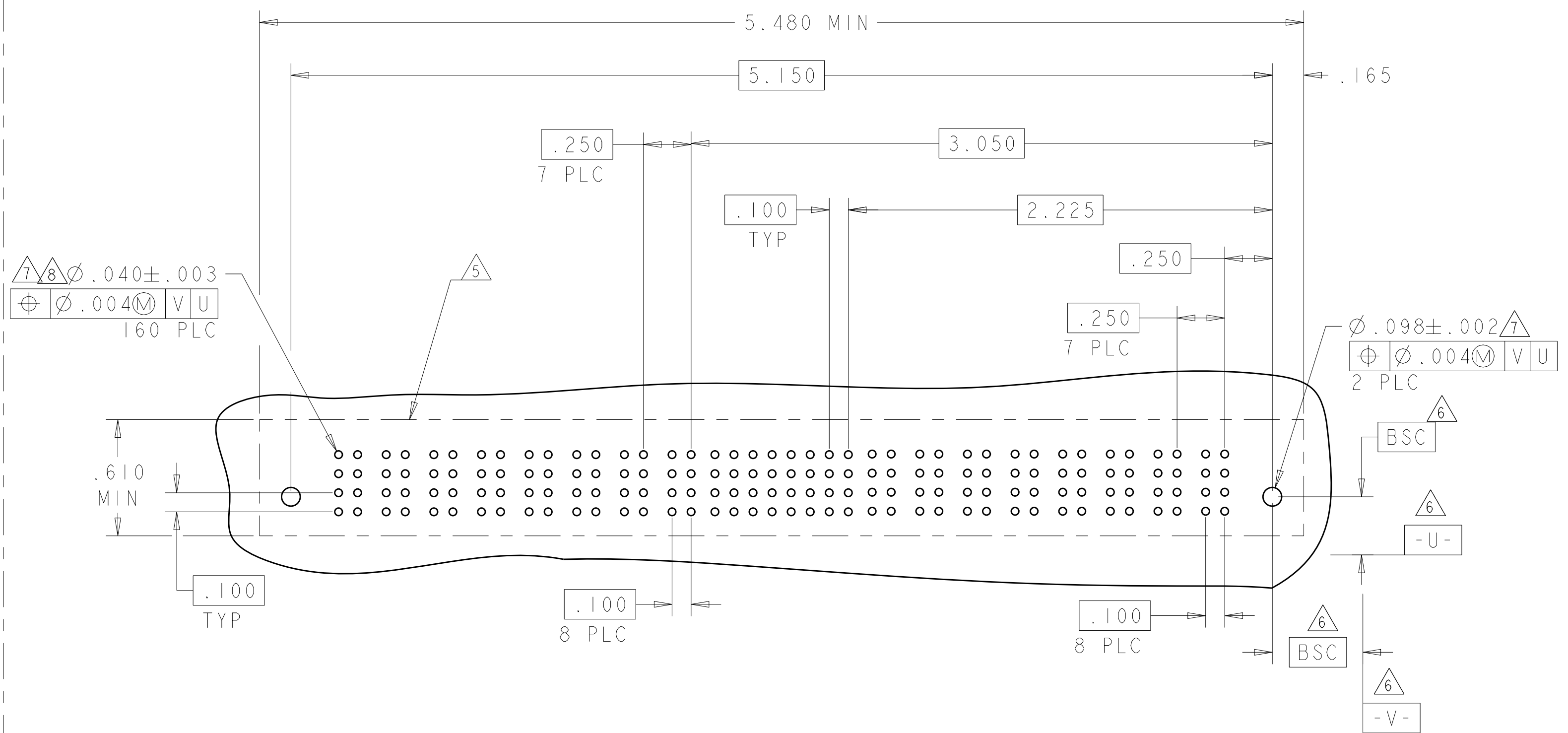
-NO SIGNAL CONTACTS4805 (3/11)

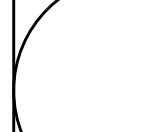
PART NUMBER	ROWS		POWER	SIGNAL						POWER																					
			P2	5	4	3	2	1	P1																						
6-6450540-2	D C B A	 	 <table data-bbox="804 470 1032 577"><tr><td></td><td>AP</td><td>AP</td><td>AP</td><td></td></tr><tr><td></td><td>AP</td><td>AP</td><td>AP</td><td></td></tr><tr><td></td><td>AP</td><td>AP</td><td>AP</td><td></td></tr><tr><td></td><td>AP</td><td>AP</td><td>AP</td><td></td></tr></table> 									AP	AP	AP			AP	AP	AP			AP	AP	AP			AP	AP	AP		 
	AP	AP	AP																												
	AP	AP	AP																												
	AP	AP	AP																												
	AP	AP	AP																												
IP + 20S + IP																															

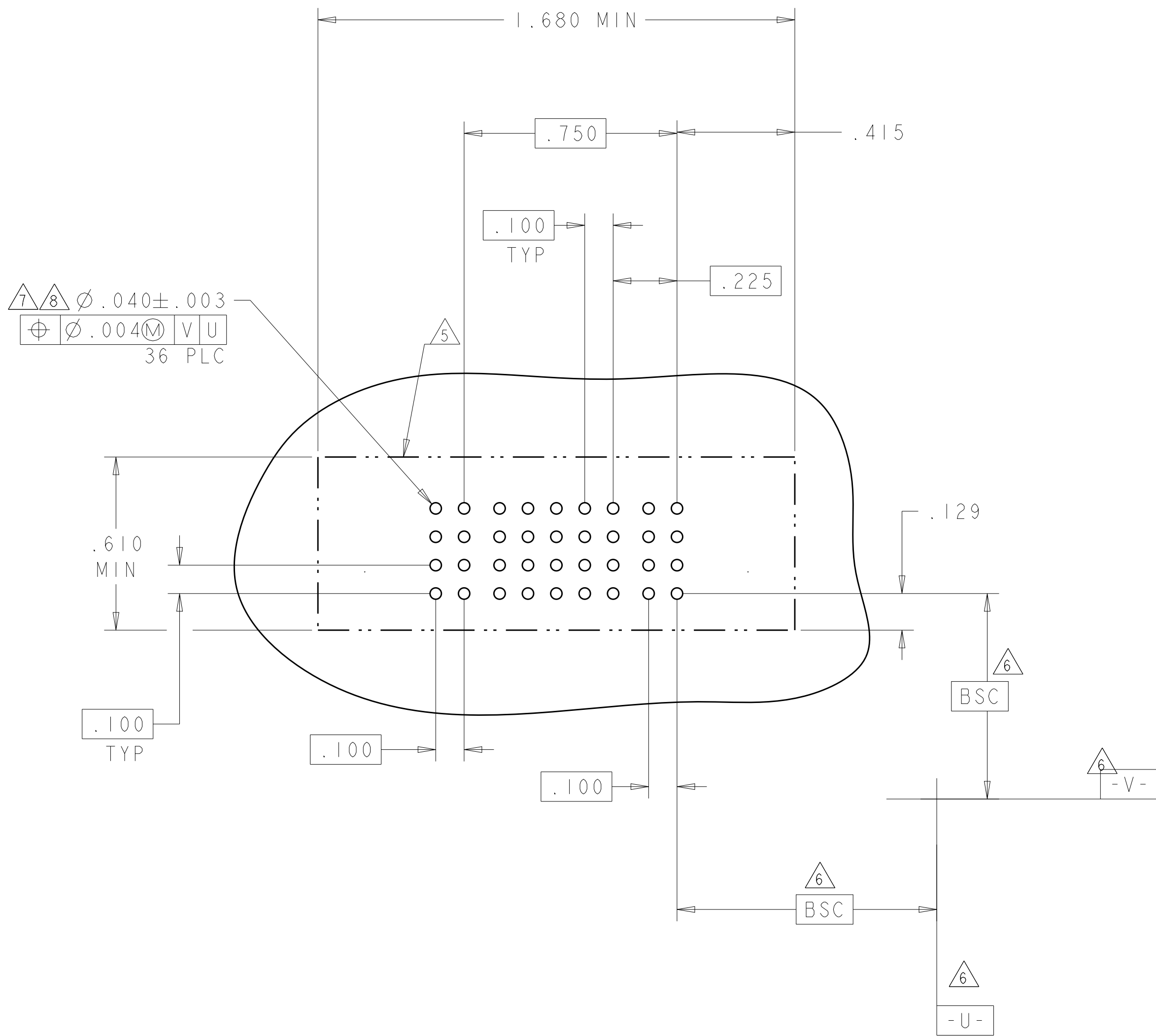


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 29APR05		 TE Connectivity	
DIMENSIONS:		CWH M. PERCHERKE 29APR05			
INCHES		APVD M. PERCHERKE -		NAME	
		PRODUCT SPEC		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES	
0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 <i>7</i> ANGLES		108-1973		MULTI-BEAM XL	
FINISH		APPLICATION SPEC		SIZE	
		114-13038		CAGE CODE DRAWING NO	
MATERIAL		WEIGHT -		A100779 C=6450540	
		CUSTOMER DRAWING		SCALE 2:1 SHEET 17 of 19 REV K9	

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		
4-6450540-9	D	HD	GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS	GS	GS	HD		
	C										AP	AP	AP	AP	AP	AP	AP										AP	
	B										AP	AP	AP	AP	AP	AP	AP										AP	AP
	A										AP	AP	AP	AP	AP	AP	AP										AP	AP
8P + 32S + 8P																												

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PART NUMBER	ROWS		POWER	S I G N A L						POWER	
			P2	5	4	3	2	1	P1		
6-6450540-6	D C B A		GS	AP	AP	AP	AP	AP	AP	GS	
IP + 20S + IP											

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