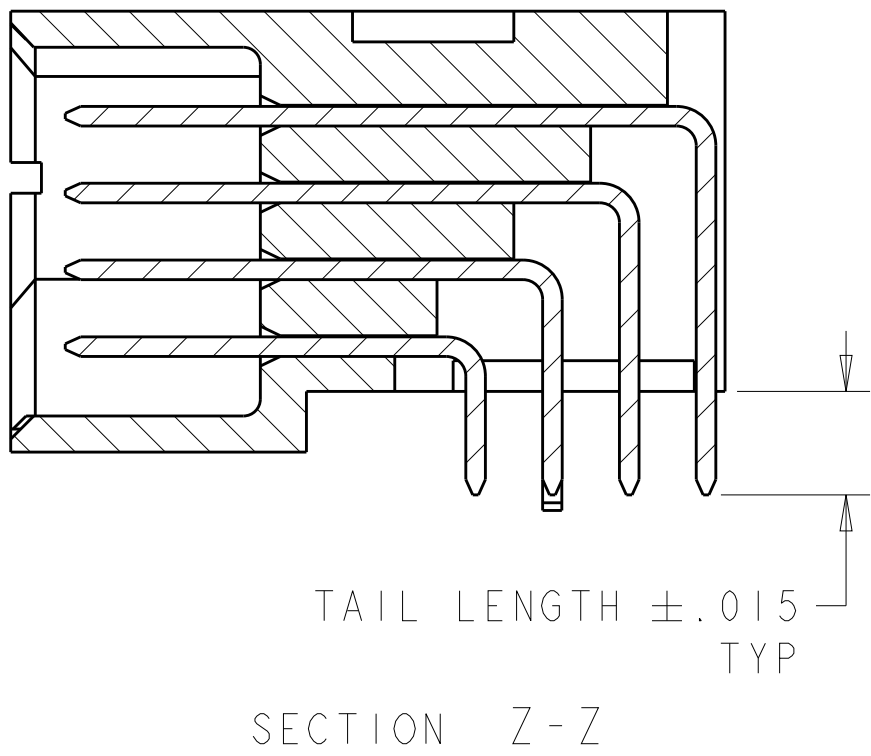
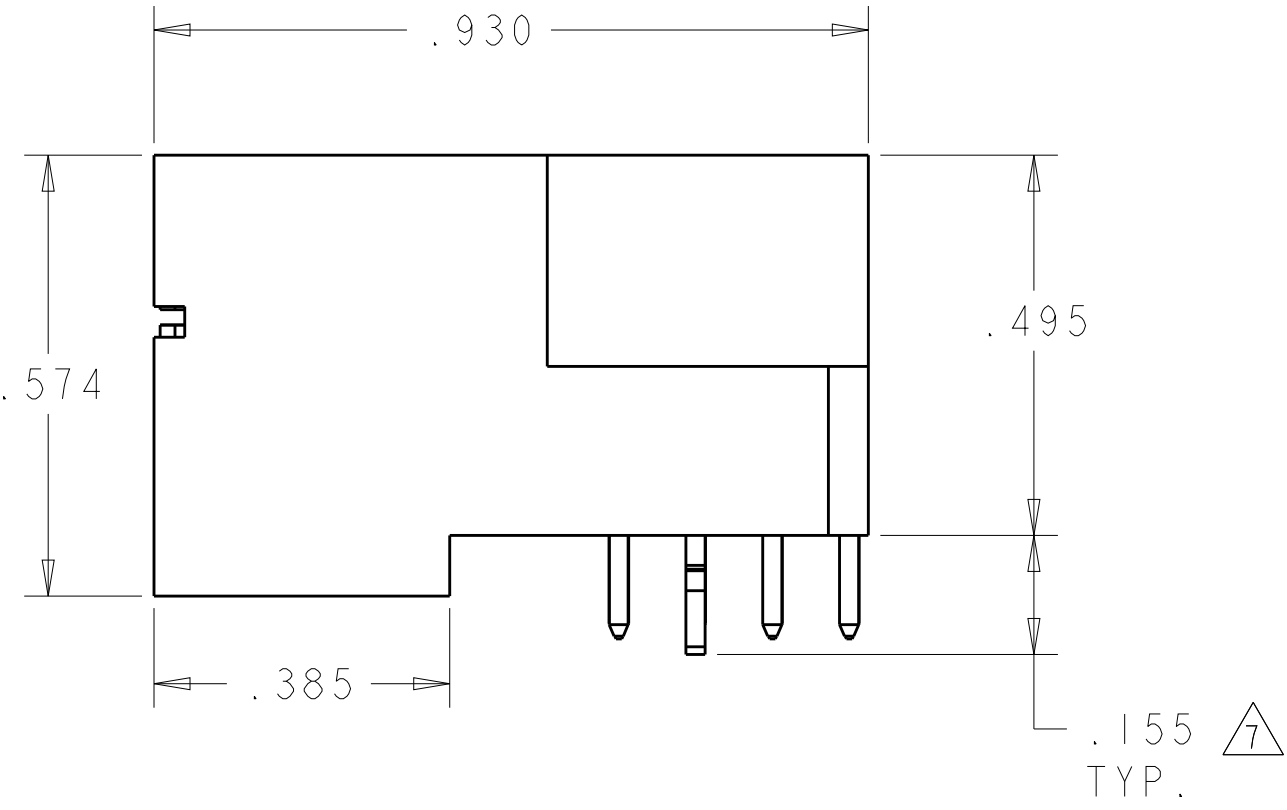
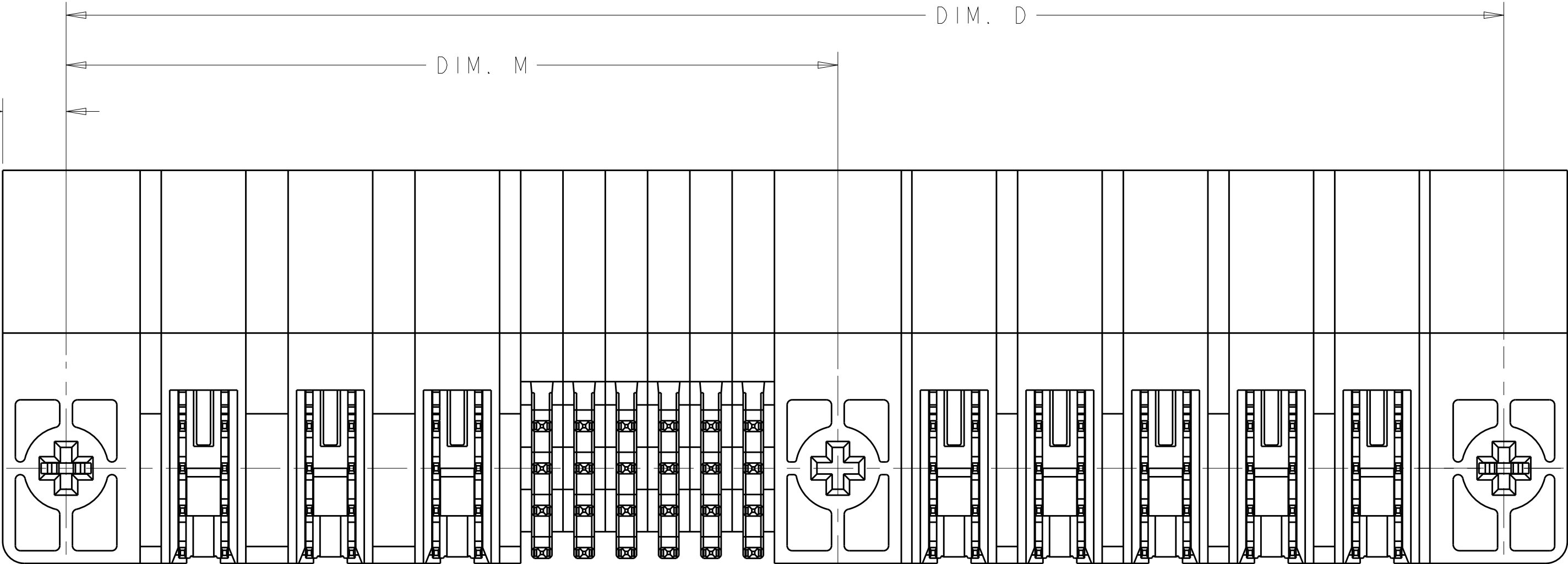
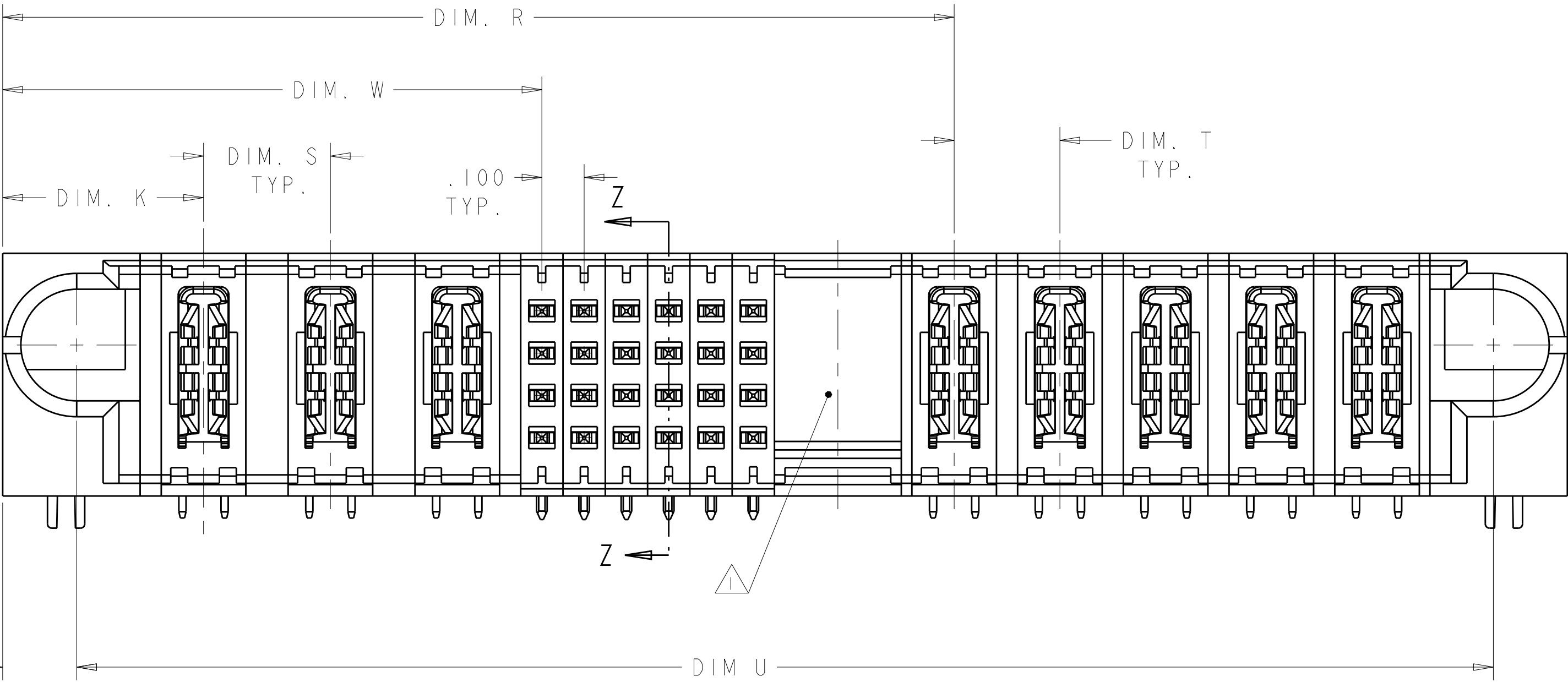
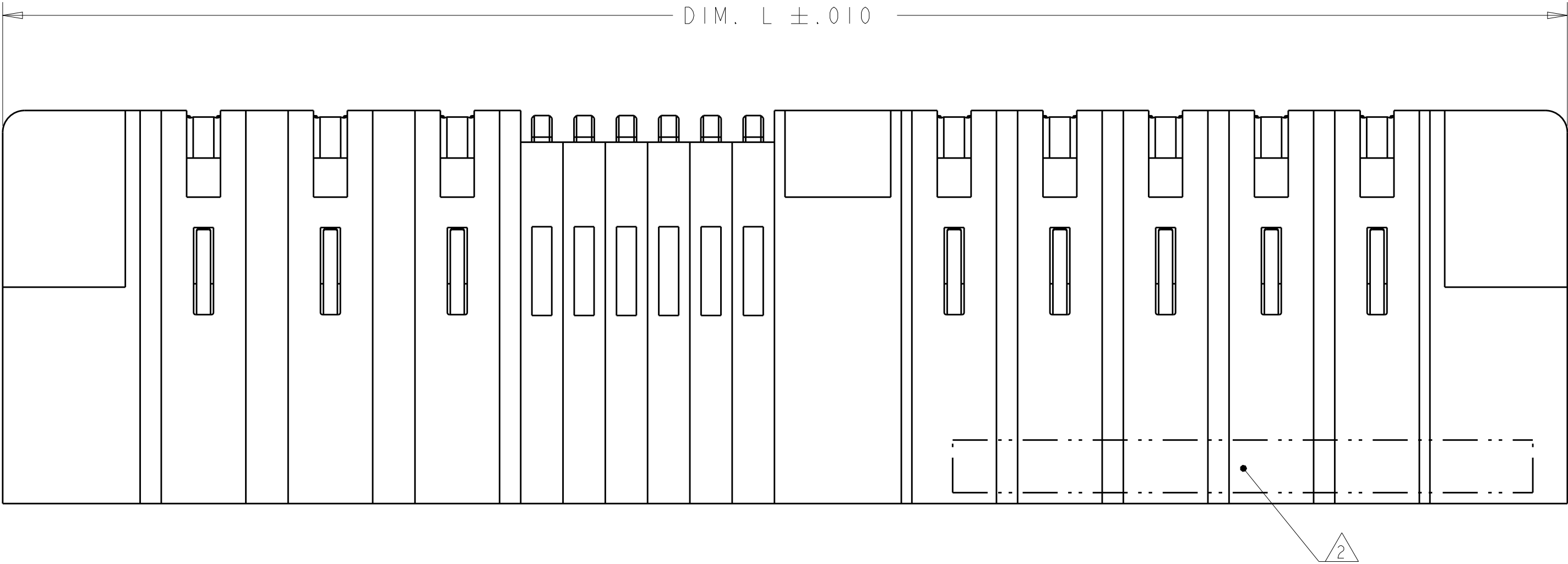


LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			L9	REV PER ECR-12-010228	07JUN2012	AY	SZ
			MI	ADD 5-6450130-3	25JULY2012	OL	SZ



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHEK APVD M.PERCHEK	4FEB2005 14FEB2005	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
0 PLC ±"		1 PLC ±.01		PRODUCT SPEC	
2 PLC ±.01		3 PLC ±.005		108-1973	
4 PLC ±.0020		ANGLES ±2°		APPLICATION SPEC	
FINISH		114-13038		SIZE CAGE CODE DRAWING NO	
MATERIAL		WEIGHT		A100779C=6450130	
Customer Drawing		SCALE 4:1		SHEET 1 OF 28	
				REV M2	

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

- △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.
- △3
- MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
-
- SIGNAL CONTACT - COPPER ALLOY
-
- POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- △4
- CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA
-
- OF SIGNAL CONTACTS AND POWER CONTACTS.
- △5
- MECHANICAL CONNECTOR KEEP OUT ZONE.
- △6
- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- △7
- HOLD DOWN SEATING DEPTH DIMENSION FOR 6450130-4 IS .185 TYP
- △8
- PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- △9
- PCB - .0453 +/- .0010 DRILLED HOLES PLATES WITH .0003 MIN Sn OVER
-
- .0001 TO .003 Cu PLATING TO ACHIEVE A .040±.003 DIA HOLE.
- △10
- VARIABLE DIMS. SHOWN ON VIEW

L9

PART IS SHEET 27

L8	1.600	-	-	1.500	.625	1.650	-	1.950	.450	1P + 32S + 1P	9-6450130-9
L7	2.400	.250	.250	1.550	.875	2.450	-	2.750	.450	2P + 24S + 4P	9-6450130-8
L5	2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	9-6450130-7
	1.300	-	-	1.200	.625	1.350	-	1.650	.450	1P + 20S + 1P	9-6450130-6
L3	2.300	.250	.300	1.575	.875	2.350	-	2.650	.450	2P + 24S + 3ACP	9-6450130-5
K6	2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	9-6450130-4
	1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	9-6450130-3
	DIM U	DIM S 	DIM T 	DIM R	DIM W	DIM D	DIM M	DIM L 	DIM K	DESCRIPTION	PART NUMBER

2.350	.250	.250	1.250	.875	2.400	-	2.700	.450	2P + 12S + 5P	9-6450130-2			
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	9-6450130-0			
1.200	-	-	1.100	.625	1.250	-	1.550	.450	1P + 16S + 1P	8-6450130-9			
1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	8-6450130-8			
2.900	.250	.250	2.550	.875	2.950	-	3.250	.450	2P + 64S + 2P	8-6450130-7			
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	8-6450130-6			
1.300	-	-	1.200	.675	1.350	-	1.650	.450	1P + 16S + 1P	8-6450130-5			
2.800	.250	.250	1.700	1.125	2.850	-	3.150	.450	3P + 20S + 5P	8-6450130-4			
2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	8-6450130-2			
2.850	.250	.250	2.500	1.875	2.900	-	3.200	.450	6P + 20S + 2P	8-6450130-0			
2.600	.250	.250	2.250	1.625	2.650	-	2.950	.450	5P + 20S + 2P	7-6450130-9			
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	7-6450130-8			
4.800	.250	.250	3.450	1.875	4.850	-	5.150	.450	6P + 60S + 6P	7-6450130-7			
3.050	.300	.250	1.950	1.275	3.100	-	3.400	.475	3ACP + 24S + 5P	7-6450130-6			
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	7-6450130-5			
6.250	.250	△10	5.050	4.375	6.300	-	6.600	.450	16P + 24S + 2P + 3ACP	7-6450130-4			
2.000	.300	.250	1.650	1.325	2.050	-	2.350	.475	3ACP + 8S + 2P	7-6450130-1			
2.500	.250	.250	2.150	.875	2.550	-	2.850	.450	2P + 48S + 2P	6-6450130-9			
1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	6-6450130-7			
2.500	.250	.250	2.150	1.425	2.550	-	2.850	.450	4P + 24S + 2P	5-6450130-8			
6.300	△10	△10	3.925	3.275	6.350	-	6.650	.425	14P + 24S + 12P	5-6450130-6			
3.100	.200	.200	2.225	1.375	3.150	-	3.450	.425	5P + 32S + 5P	5-6450130-5			
2.400	.200	.200	1.900	1.225	2.450	-	2.750	.450	4HDP + 24S + 3HDP	5-6450130-3			
2.300	.300	.250	1.950	1.275	2.350	-	2.650	.450	3ACP + 24S + 2P	5-6450130-1			
4.000	.300	.300	2.675	1.925	4.050	-	4.350	.475	5ACP + 24S + 5ACP	5-6450130-0			
3.000	.250	.250	2.150	1.425	3.050	-	3.350	.450	4P + 24S + 4P	4-6450130-9			
3.300	.250	.250	2.450	1.375	3.350	-	3.650	.450	4P + 40S + 4P	4-6450130-8			
3.100	.200	.200	2.225	1.375	3.150	-	3.450	.425	5P + 32S + 5P	4-6450130-5			
2.100	.300	.250	1.750	1.275	2.150	-	2.450	.475	3ACP + 16S + 2P	4-6450130-3			
1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	4-6450130-2			
2.100	.200	.200	1.425	1.175	2.150	-	2.450	.425	4P + 8S + 4P	4-6450130-0			
2.100	.300	.250	1.750	1.275	2.150	-	2.450	.475	3ACP + 16S + 2P	3-6450130-9			
4.675	.250	.300	3.950	3.375	4.725	-	5.025	.450	12P + 20S + 3ACP	3-6450130-6			
3.500	.250	.250	2.900	1.625	3.550	-	3.850	.450	5P + 48S + 3P	3-6450130-2			
1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	2-6450130-9			
3.250	.250	.250	2.900	1.125	3.300	-	3.600	.450	3P + 68S + 2P	2-6450130-8			
2.300	.300	.250	1.950	1.275	2.350	-	2.650	.475	3ACP + 24S + 2P	2-6450130-6			
2.600	.200	.200	1.925	1.175	2.650	-	2.950	.425	4HDP + 28S + 4HDP	2-6450130-4			
3.200	.200	.200	2.125	1.575	3.250	-	3.550	.425	6P + 20S + 6P	2-6450130-3			
2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	2-6450130-2			
3.500	.200	.200	2.225	1.775	3.550	-	3.850	.425	7P + 16S + 7P	2-6450130-1			
5.450	△10	△10	3.075	2.425	5.500	-	5.800	.425	10P + 24S + 12P	2-6450130-0			
4.400	.250	.250	4.050	.875	4.450	-	4.750	.450	2P + 124S +2P	1-6450130-9			
4.275	△10	.250	3.175	2.500	4.325	-	4.625	.475	2ACP + 6P + 24S + 5P	1-6450130-8			
1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	1-6450130-7			
3.300	.300	.250	1.950	1.275	3.350	-	3.650	.475	3ACP + 24S + 6P	1-6450130-4			
4.050	.250	-	3.950	.875	4.100	-	4.400	.450	2P + 120S + 1P	1-6450130-3			
3.250	.250	-	3.150	.875	3.300	-	3.600	.450	2P + 88S + 1P	1-6450130-2			
1.400	-	-	1.300	.625	1.450	-	1.750	.450	1P + 24S + 1P	1-6450130-1			
2.900	.250	.250	2.550	.875	2.950	-	3.250	.450	2P + 64S + 2P	1-6450130-0			
2.550	.250	.300	1.825	1.125	2.600	-	2.900	.450	3P + 24S + 3ACP	6450130-9			
2.675	.200	.200	2.375	1.650	2.725	-	3.025	.450	5P + 24S + 2P	6450130-8			
3.650	.250	.250	2.550	1.875	3.700	-	4.000	.450	6P + 24S + 5P	6450130-7			
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	6450130-6			
4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	6450130-5			
2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	6450130-4			
3.050	.300	.250	1.950	1.275	3.100	-	3.400	.475	3ACP + 24S + 5P	6450130-3			
2.550	.300	.250	2.200	1.525	2.600	-	2.900	.475	3ACP + 1P + 24S + 2P	6450130-2			
3.650	.300	.250	2.550	1.275	3.700	-	4.000	.475	3ACP + 48S + 5P	6450130-1			
DIM U	DIM S	△1	DIM T	△2	DIM R	DIM W	DIM D	DIM M	DIM L	△4	DIM K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS:
INCHES

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES

±
±.01
±.005
±.0020
±.2°

FINISH
-

MATERIAL
-

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

4FEB2005
4FEB2005
4FEB2005

PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038

WEIGHT
-

Customer Drawing

NAME
RIGHT ANGLE HEADER ASSEMBLY W/GUIDES
MULTI-BEAM XL

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450130

RESTRICTED TO
-

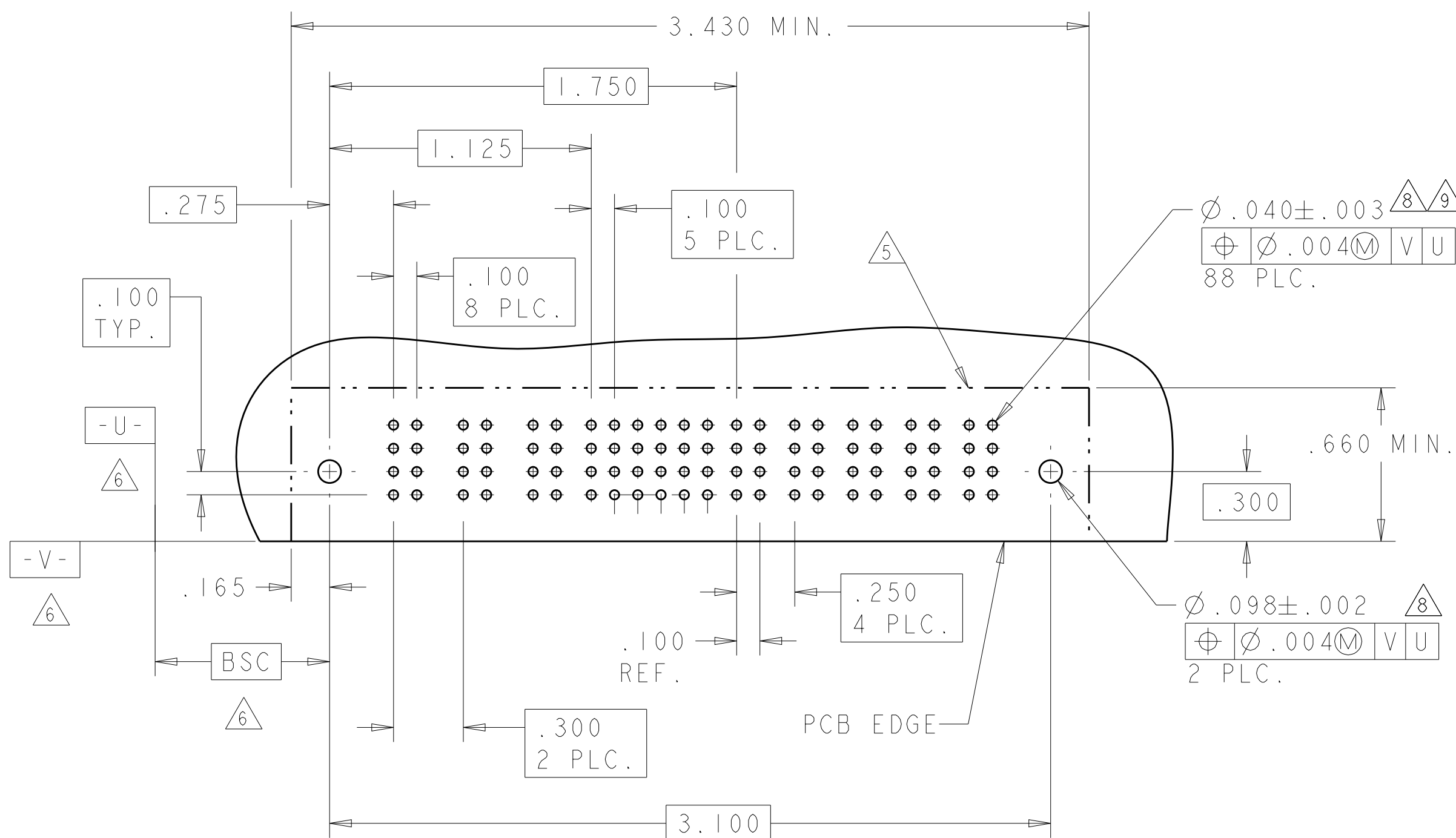
SCALE
4:1

SHEET
2

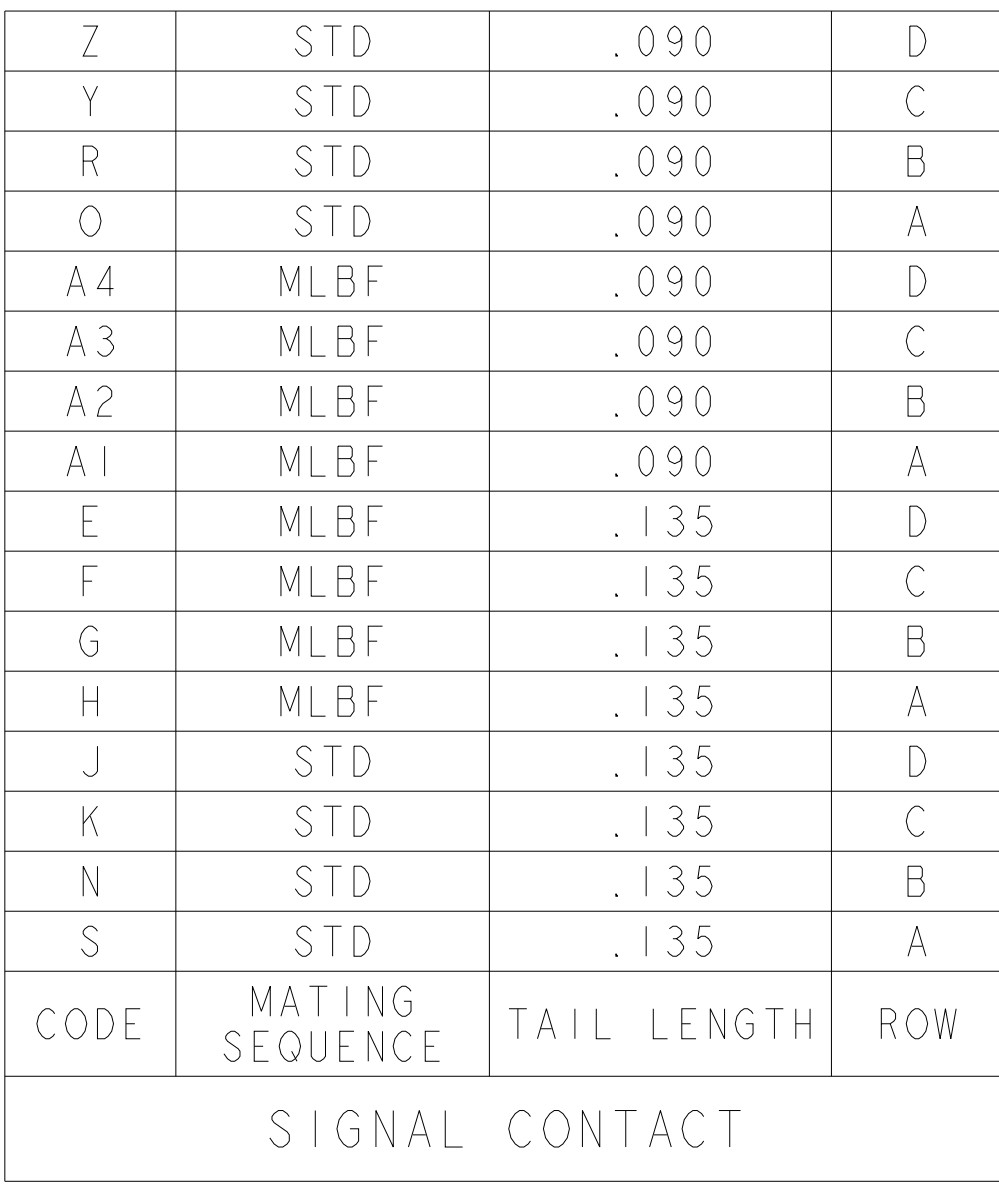
OF
28

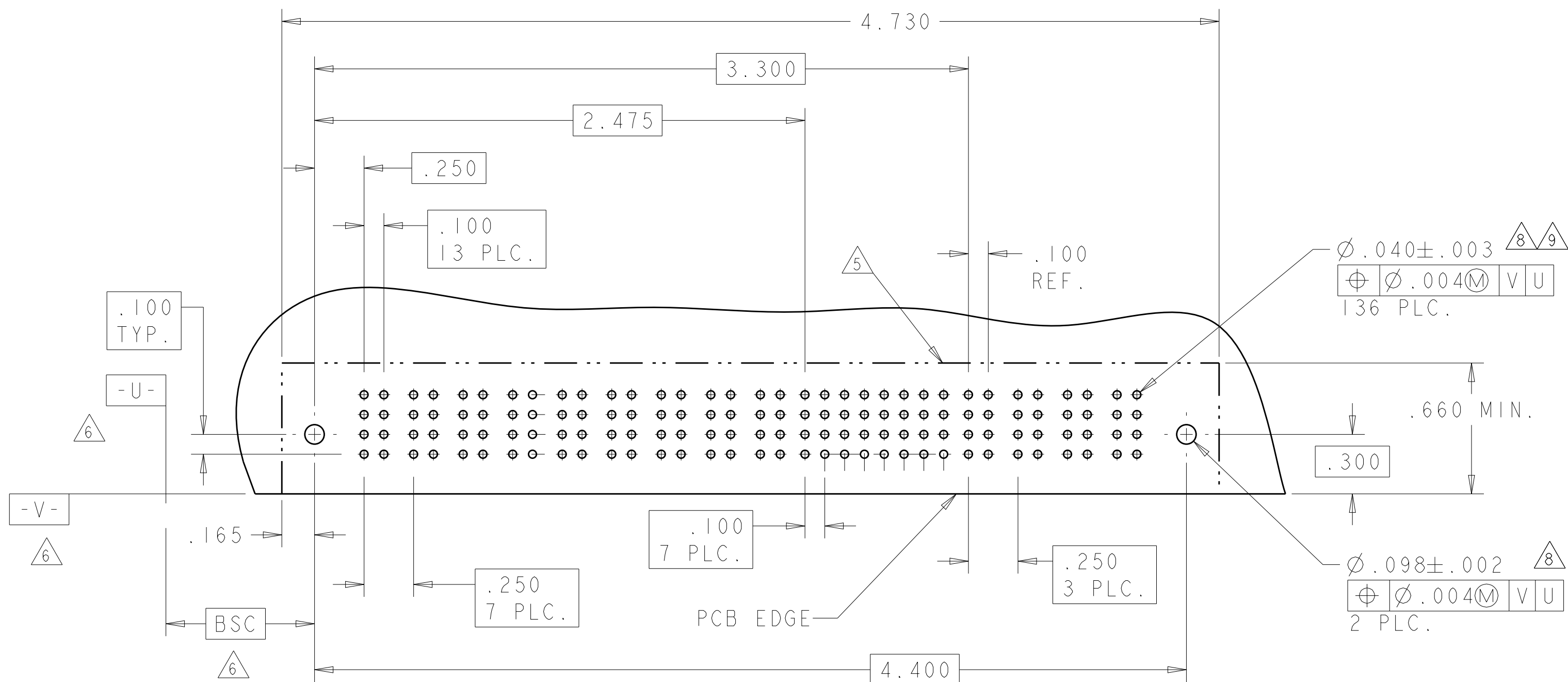
REV
M2

PART NUMBER	ROWS		POWER			SIGNAL						POWER					
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	
6450130-3	D C B A				J	J	J	J	E	J							
					K	K	F	K	K	K							
					N	N	N	N	N	N							G
					S	S	H	S	S	S							
3ACP + 24S + 5P																	



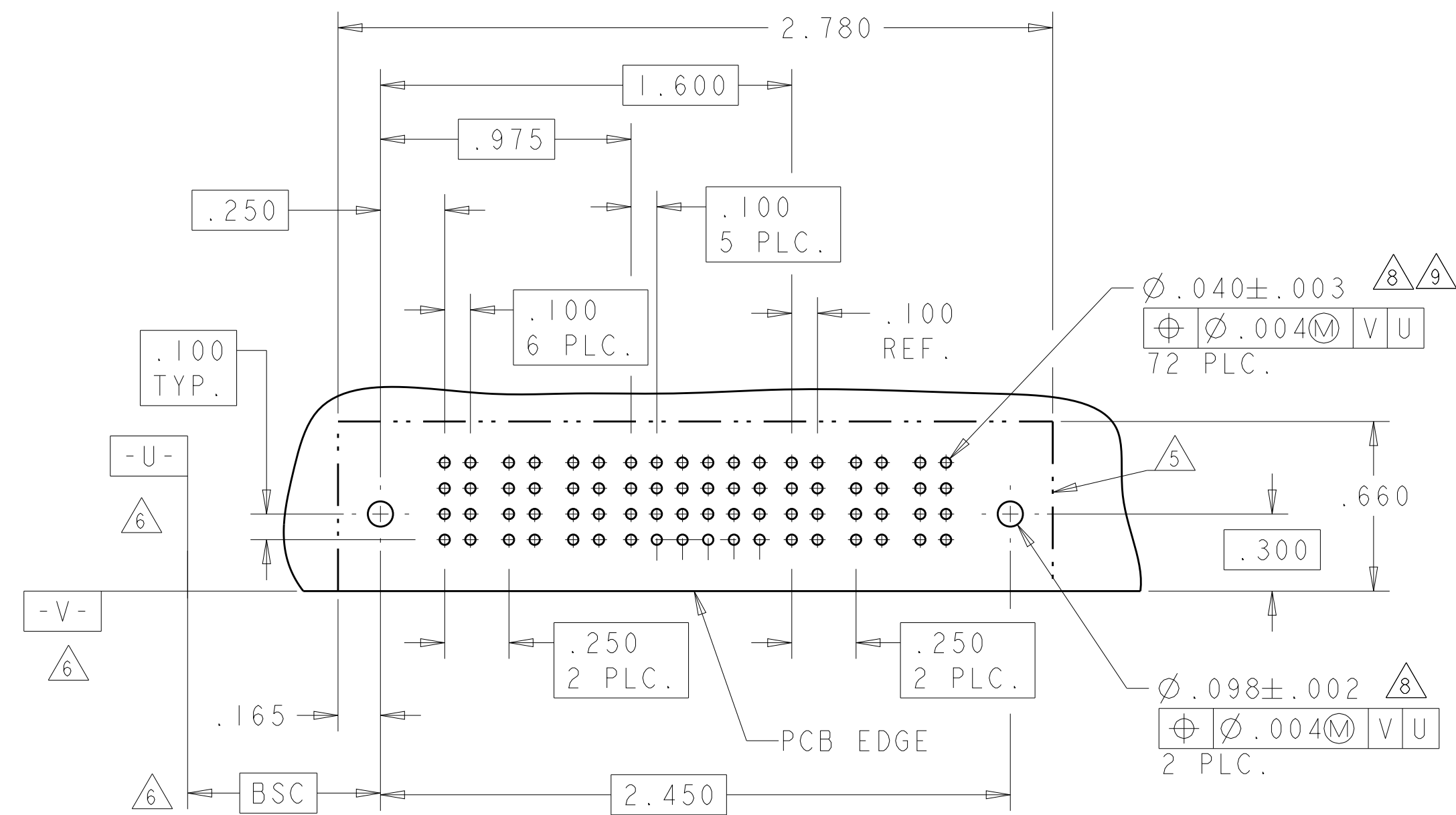
PM	.135	MULTI-BEAM
PA	.090	MULTI-BEAM
CODE	TAIL LENGTH	DESCRIPTION
POWER CONTACT		

4805 (3/11)

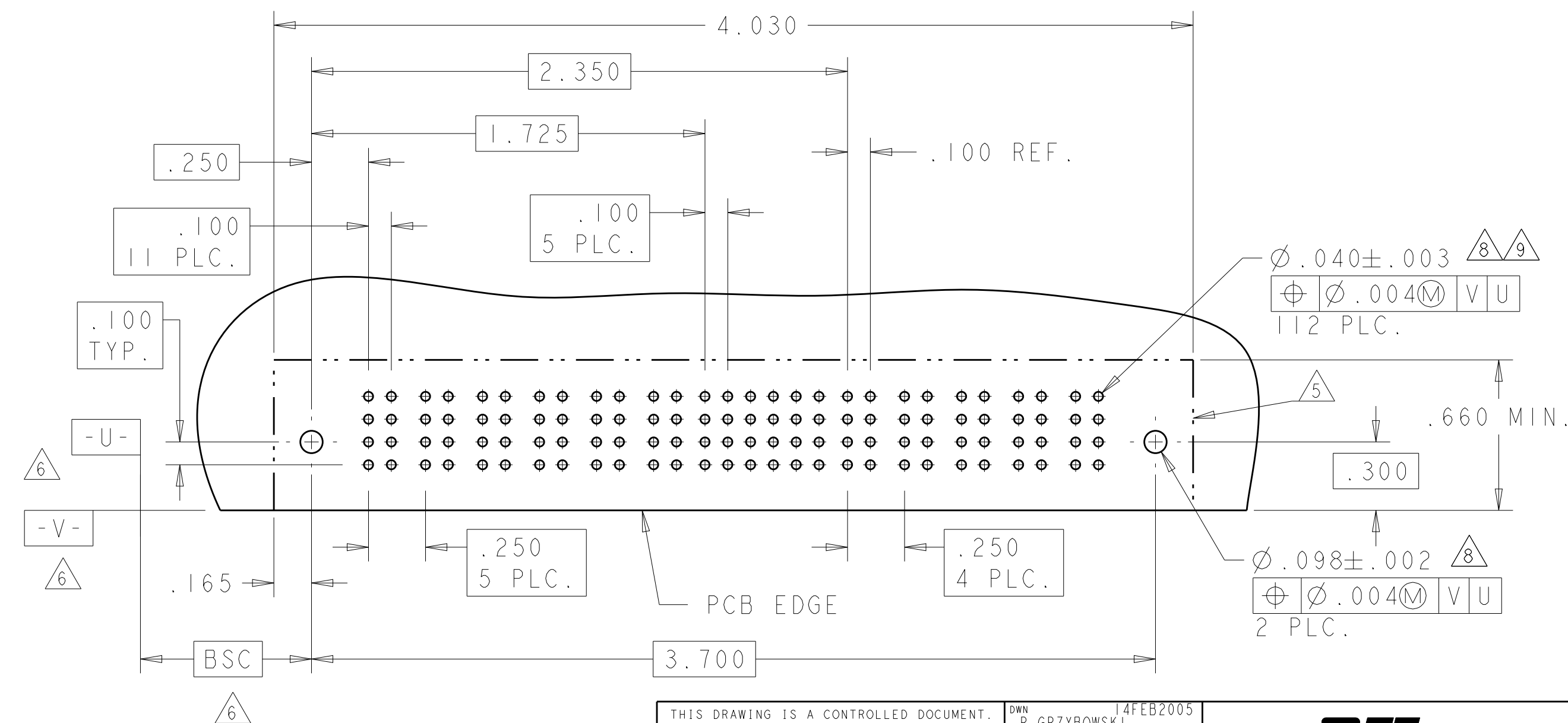


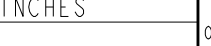
LOC		DIST		REVISONS					
ES		00		Y	LTR	DESCRIPTION	DATE	DWN	APV
					-	SEE SHEET 1	-	-	-

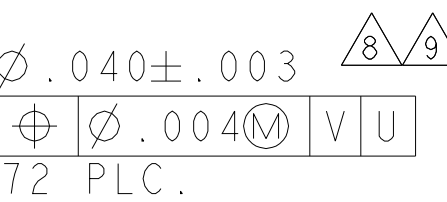
PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
6450130-6	D C B A	 	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	 
						K	K	K	K	K	K				
						N	N	G	N	N	N				
						S	S	S	S	S	S				
3P + 24S + 3P															



PART NUMBER	ROWS		POWER						SIGNAL						POWER					
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	P11	
6450130-7	D C B A								J	J	J	J	E	J						
									K	K	F	K	K	K						
									N	N	N	N	N	G						
									S	S	H	S	S	S						
6P + 24S + 5P																				



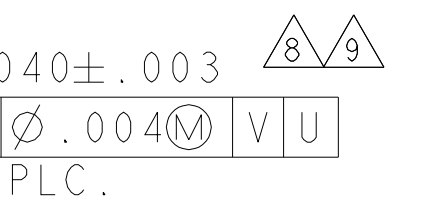
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. R. GRZYBOWSKI 14FEB2005 CHK. M. PERCZERKA 4FEB2005 APVD. M. PERCZERKA 14FEB2005		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 <i>2x</i> ANGLES		NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-10308		SIZE A1	
MATERIAL -		WEIGHT -		CASE CODE DRAWING NO 100779	
FINISH -		RESTRICTED -		SCALE 4:1	
		Customer Drawing		SHEET 4 of 28 REV M	

$$.375 \rightarrow \quad \leftarrow$$


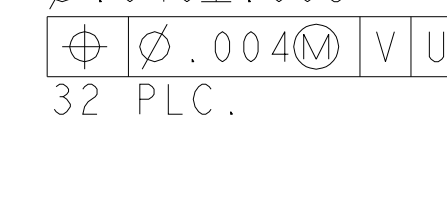
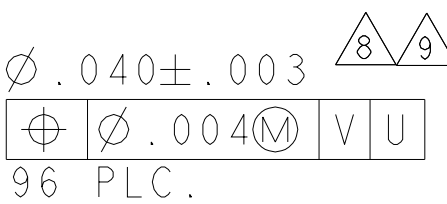
— $\varnothing .0098 \pm .002$ 

	$\varnothing .004$		V	U
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2 PLC.

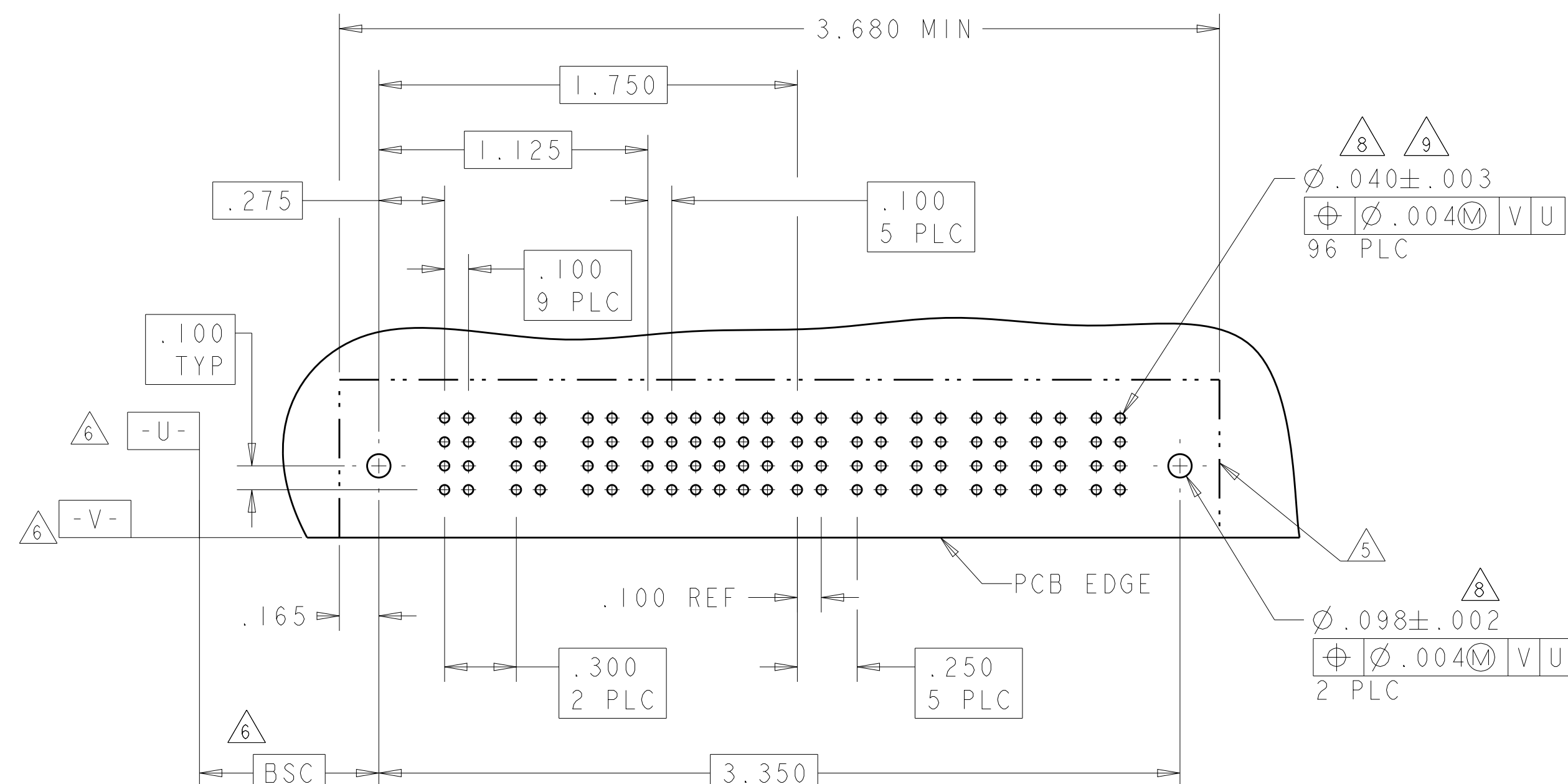
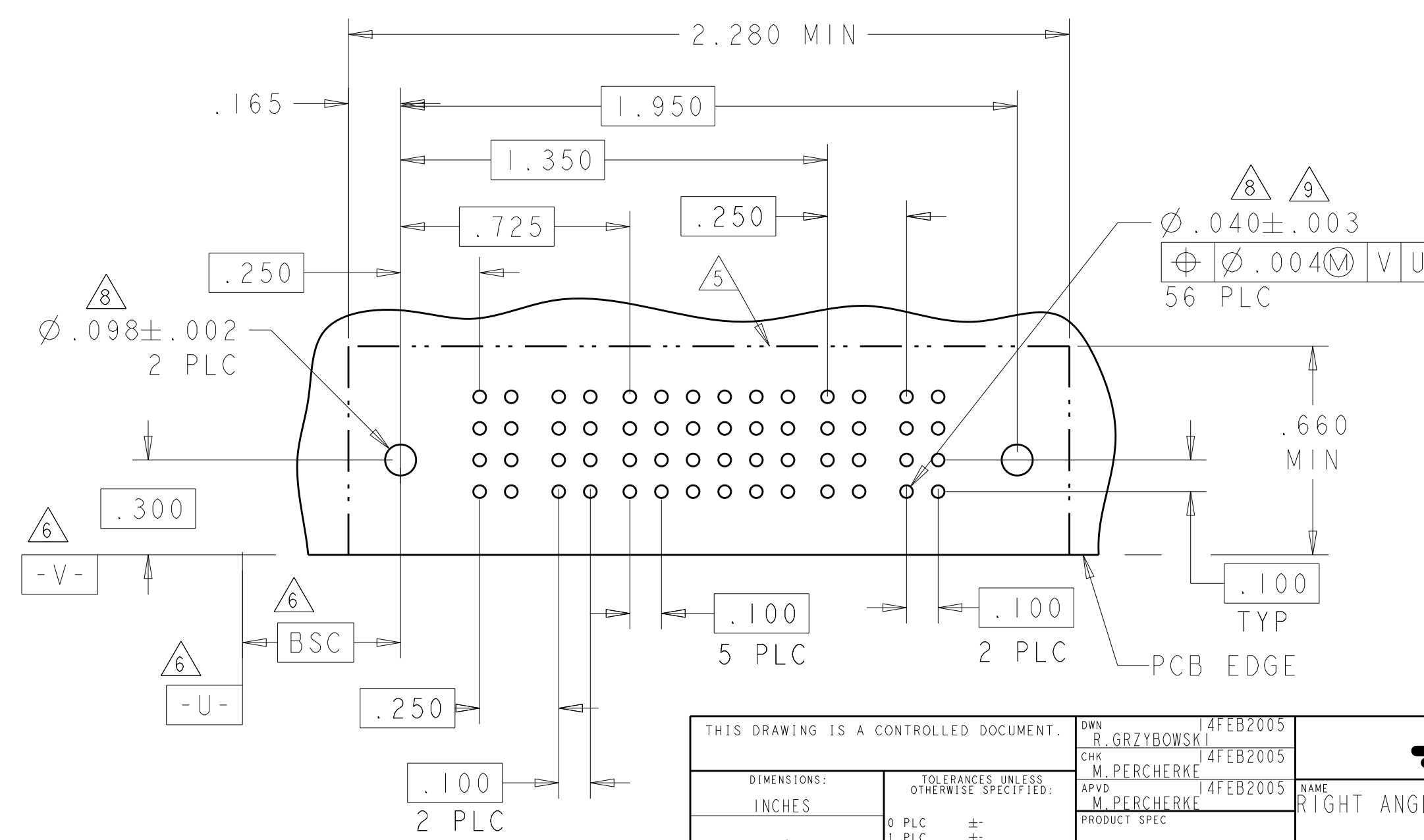


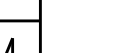
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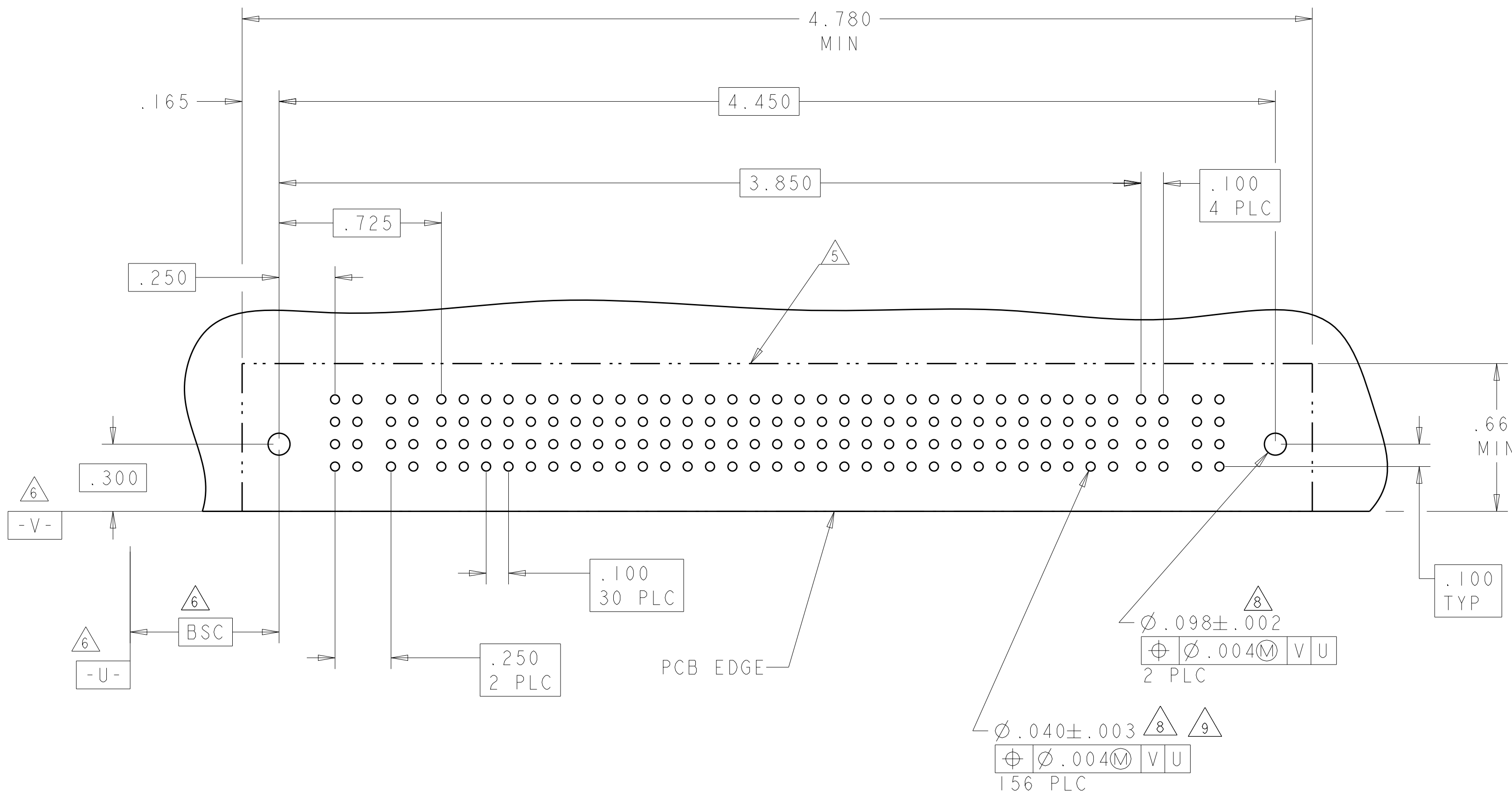


TE TE Connectivity

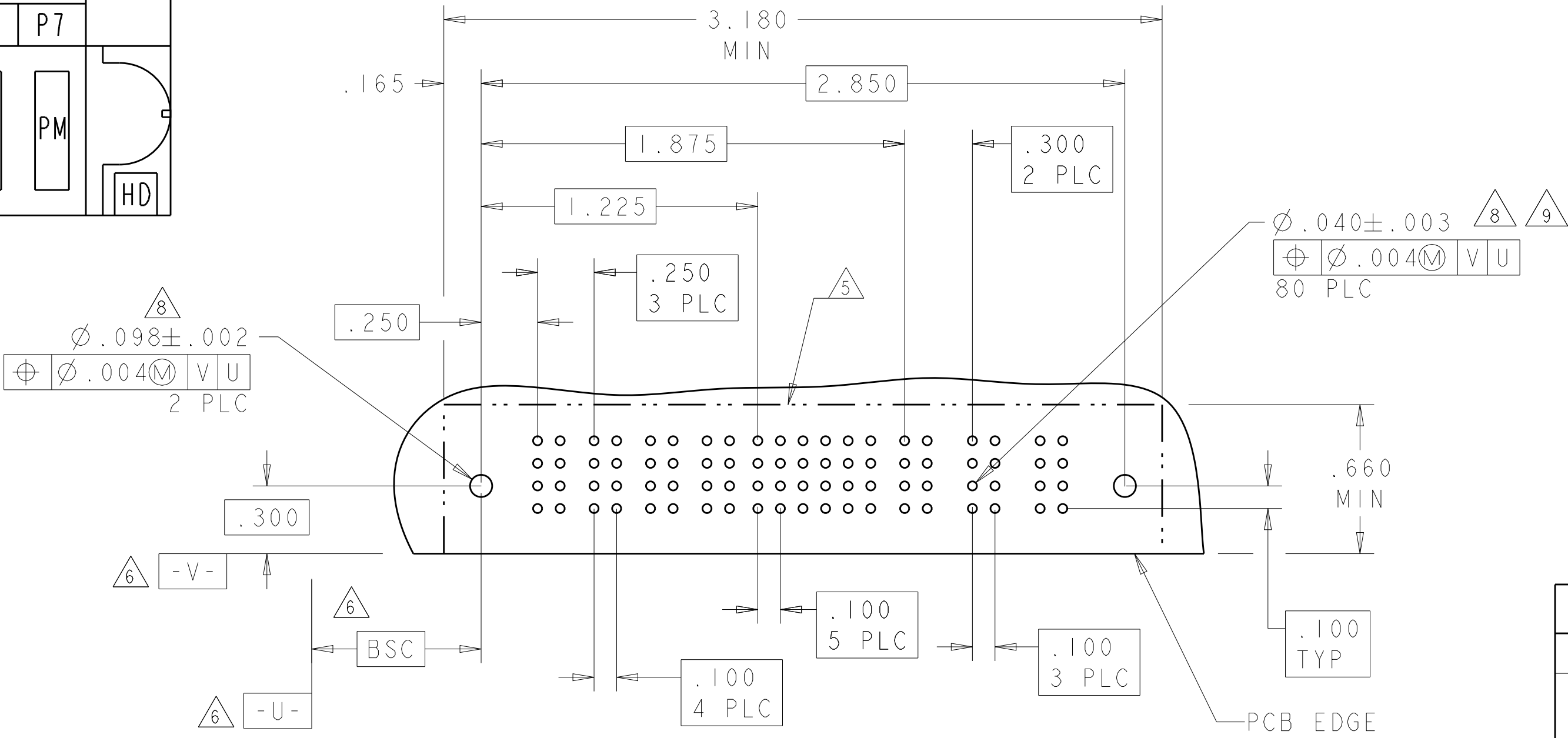
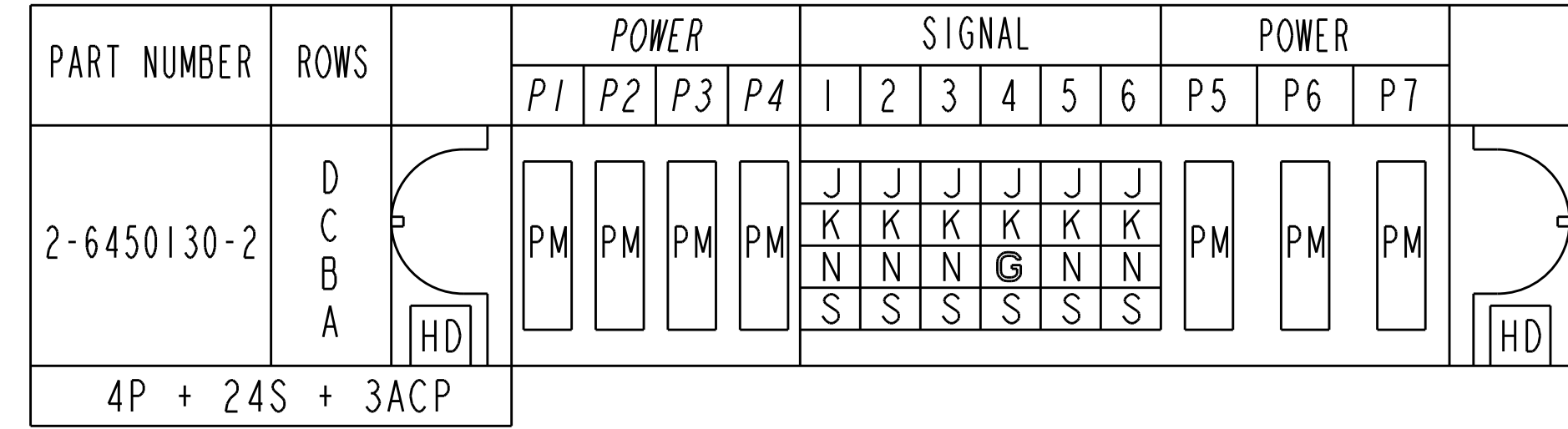
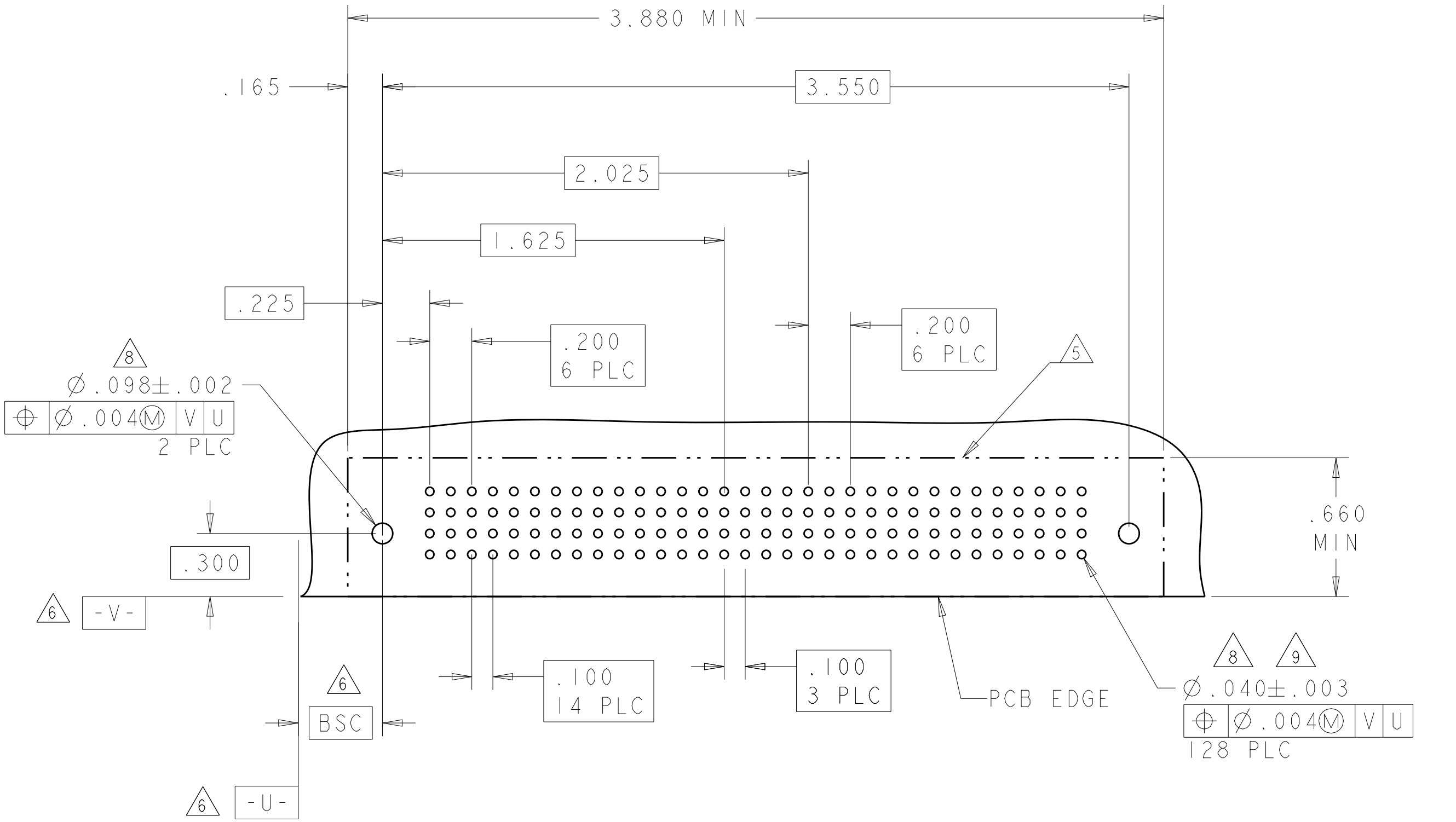
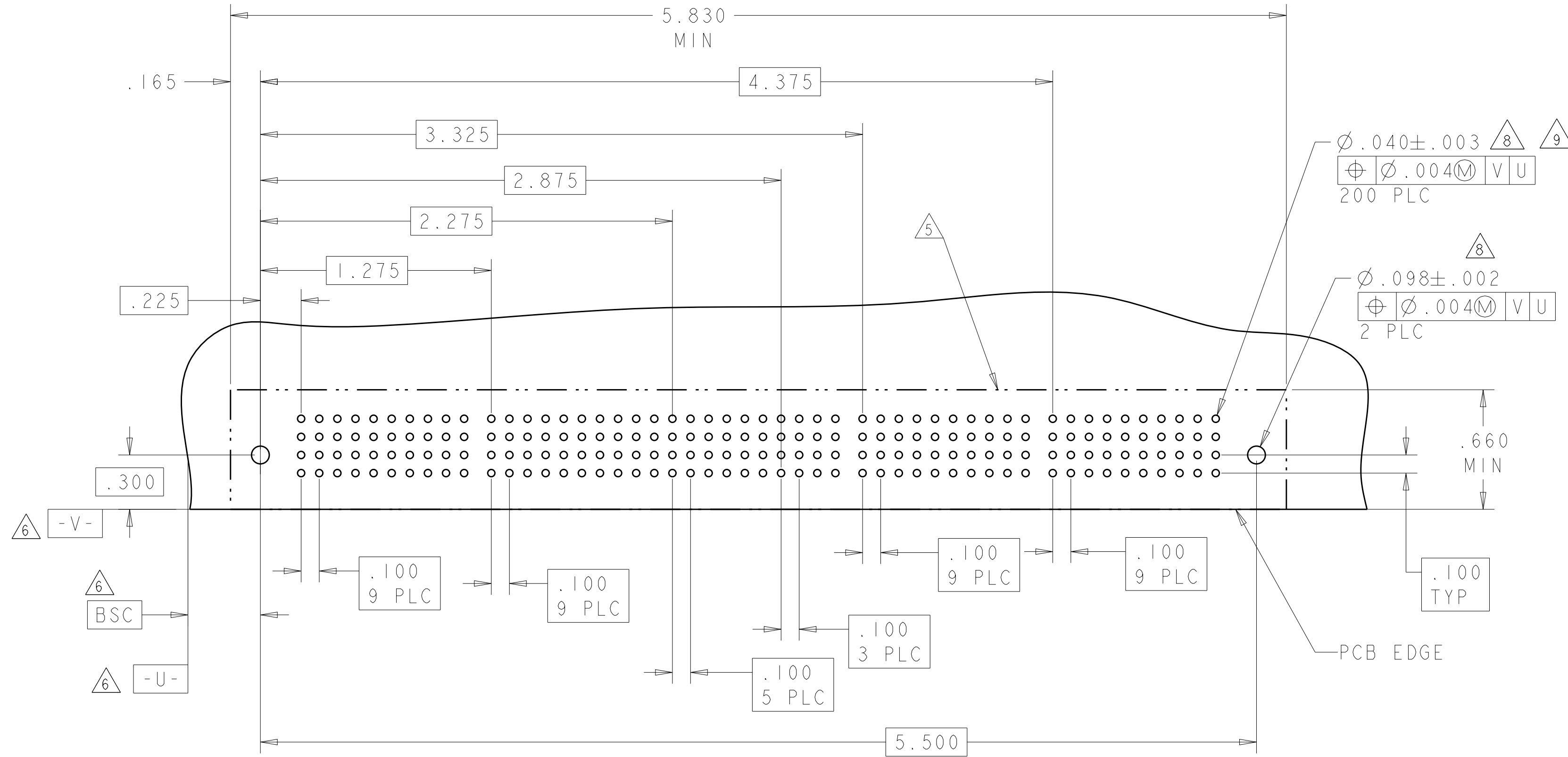
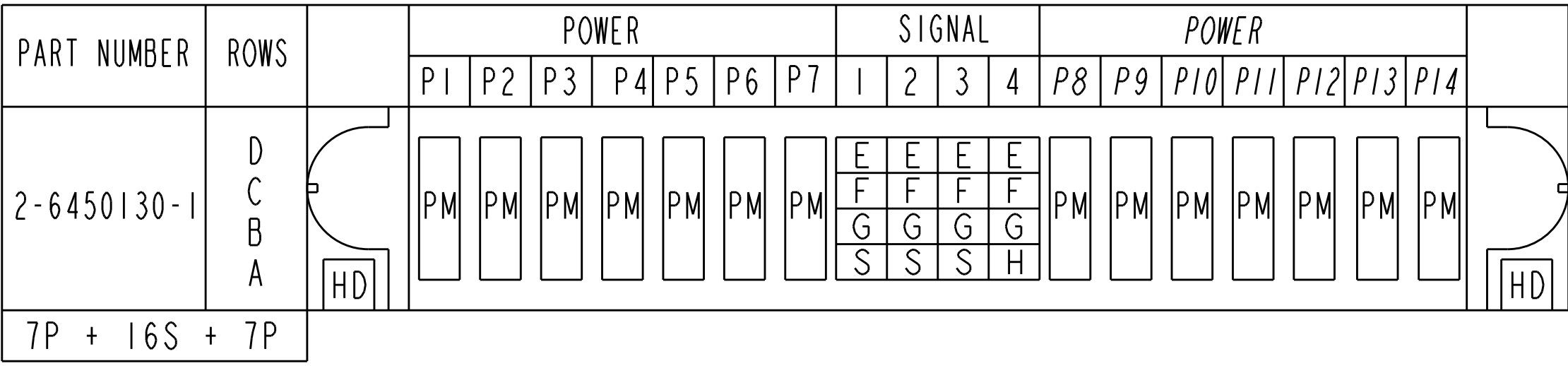
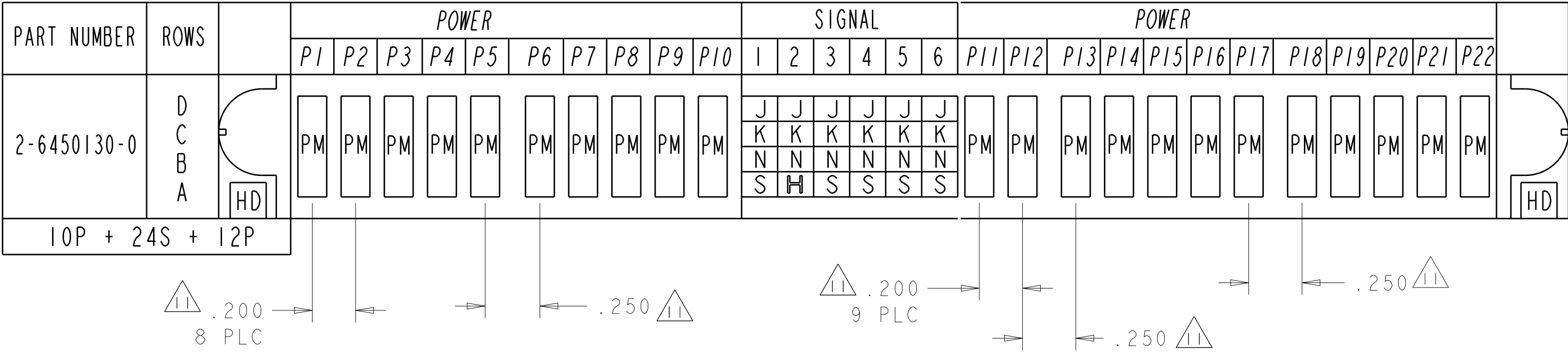
PART NUMBER	ROWS		POWER			SIGNAL						POWER						
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	P9	
I-6450130-4	D C B A		 PM	 PM	 PM	 J	 J	 J	 J	 J	 J	 PM	 PM	 PM	 PM	 PM	 PM	
3ACP + 24S + 6P						H	S	S	S	S	S							

[illegible]4805 (3/11)

PART NUMBER	ROWS		POWER		SIGNAL																															POWER					
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	P3	P4				
1-6450130-9	D C B A		PA	PA	Z	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	Z	PA	PA				
					Y	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3				A3	Y	
					R	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2				A2	R	A2
					A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1				A1	A1	A1
2P + 124S + 2P																																									

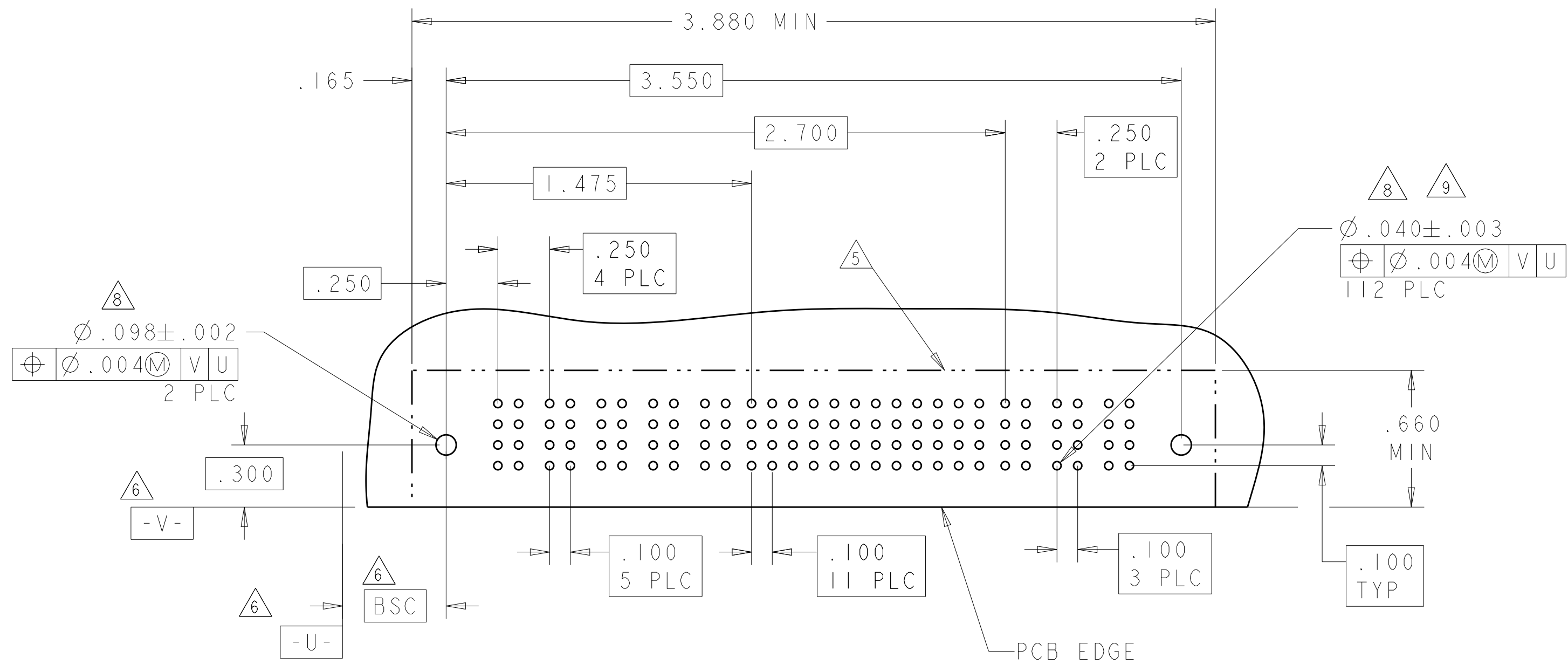
4805 (3/11)

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

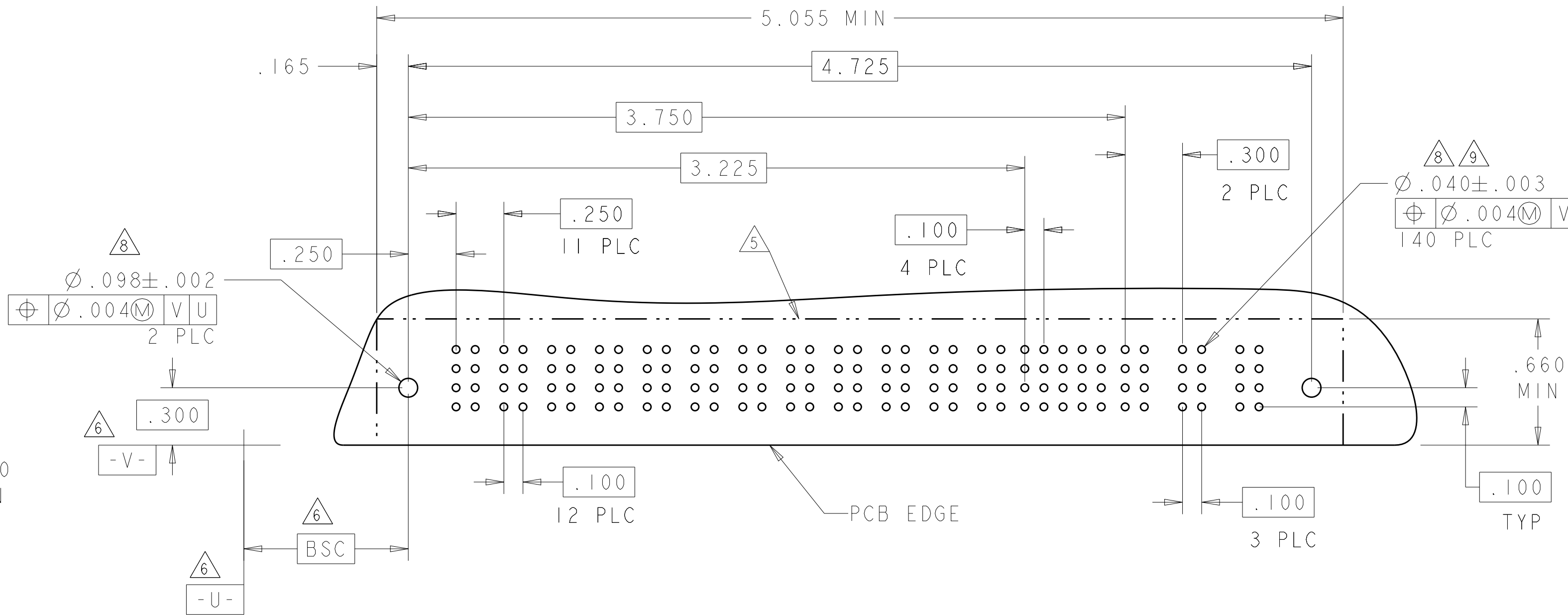


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R.GRZYBOWSKI 14FEB2005	TE Connectivity	
DIMENSIONS: INCHES		CHK M.PERCHEKKE 14FEB2005		
		APVD M.PERCHEKKE 14FEB2005	NAME	
		PRODUCT SPEC	RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
MATERIAL		APPLICATION SPEC	SIZE	CAGE CODE
		FINISH	114-13038	DRAWING NO
			108-1973	REV
			114-13038	M2
			Customer Drawing	
			SCALE 4:1	SHEET 8 OF 28

PART NUMBER	ROWS		POWER					SIGNAL												POWER				
			P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	9	10	11	12	P6	P7	P8		
3-6450130-2	D C B A	 	 	 	 	J	J	J	J	J	J	J	J	J	J	J	J	J	 	 	 	 		
						K	K	K	K	K	K	K	K	K	K	K	K	K					K	
						N	N	N	N	N	N	N	N	N	N	N	N	N					N	N
						H	S	S	S	S	S	S	S	S	S	S	S	S					S	S
5P + 48S + 3P																								



PART NUMBER	ROWS		POWER												SIGNAL					POWER																																																																																																																																																																																																																																																																																																																		
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4	5	P13	P14	P15																																																																																																																																																																																																																																																																																																																
3-6450130-6	D C B A	 HD	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 E	 K	 N	 H	 E	 K	 N	 S	 J	 F	 N	 H	 J	 K	 N	 S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	

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PART NUMBER	ROWS		POWER			SIGNAL				POWER		
			P1	P2	P3	1	2	3	4	P4	P5	
4-6450130-3	D				PM					PM	PM	
	C					J	J	J				
	B					K	K	K				
	A					N	N	N				
						S	S	H				
3ACP + 16S + 2P												

Top view drawing of the PCB showing dimensions and component locations. The drawing includes a grid of 36 pins (8x9) and a 2x8 grid of pins. Dimensions are provided in inches, with some values in millimeters (MIN). The drawing also shows the location of the PCB edge, the BSC (Bottom Surface Center) point, and the locations of the 36 PLC and 2 PLC components.

Dimensions (inches):

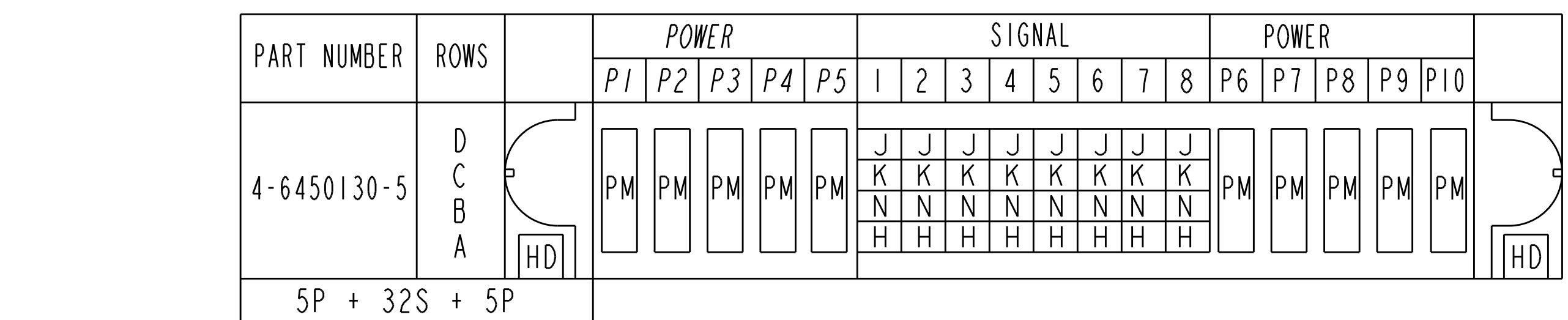
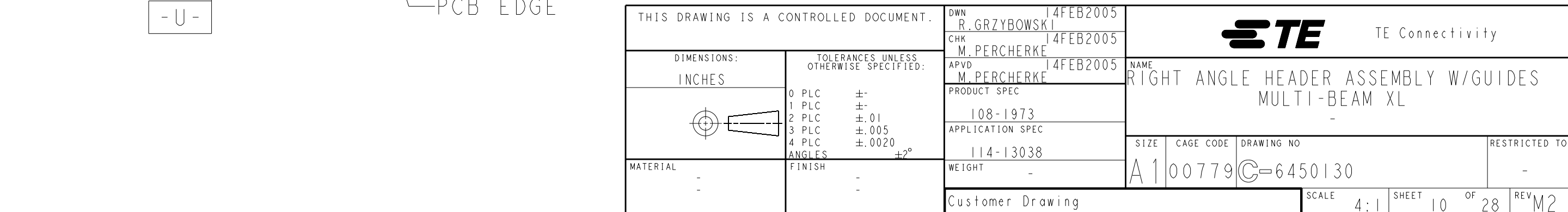
- Overall width: 2.480 MIN
- Distance from left edge to first pin column: 2.150
- Distance between first and second pin columns: 1.550
- Distance between second and third pin columns: 1.225
- Distance between third and fourth pin columns: .875
- Distance from right edge to last pin column: .250
- Distance from bottom edge to first pin row: .100
- Distance between first and second pin rows: .100
- Distance between second and third pin rows: .100
- Distance between third and fourth pin rows: .100
- Distance between fourth and fifth pin rows: .100
- Distance between fifth and sixth pin rows: .100
- Distance between sixth and seventh pin rows: .100
- Distance between seventh and eighth pin rows: .100
- Distance from bottom edge to last pin row: .100
- Distance from left edge to BSC point: .165
- Distance from BSC point to first pin column: .100
- Distance from first pin column to BSC point: .100
- Distance from BSC point to last pin column: .100
- Distance from last pin column to BSC point: .100
- Distance from BSC point to last pin row: .100
- Distance from last pin row to BSC point: .100

Component locations:

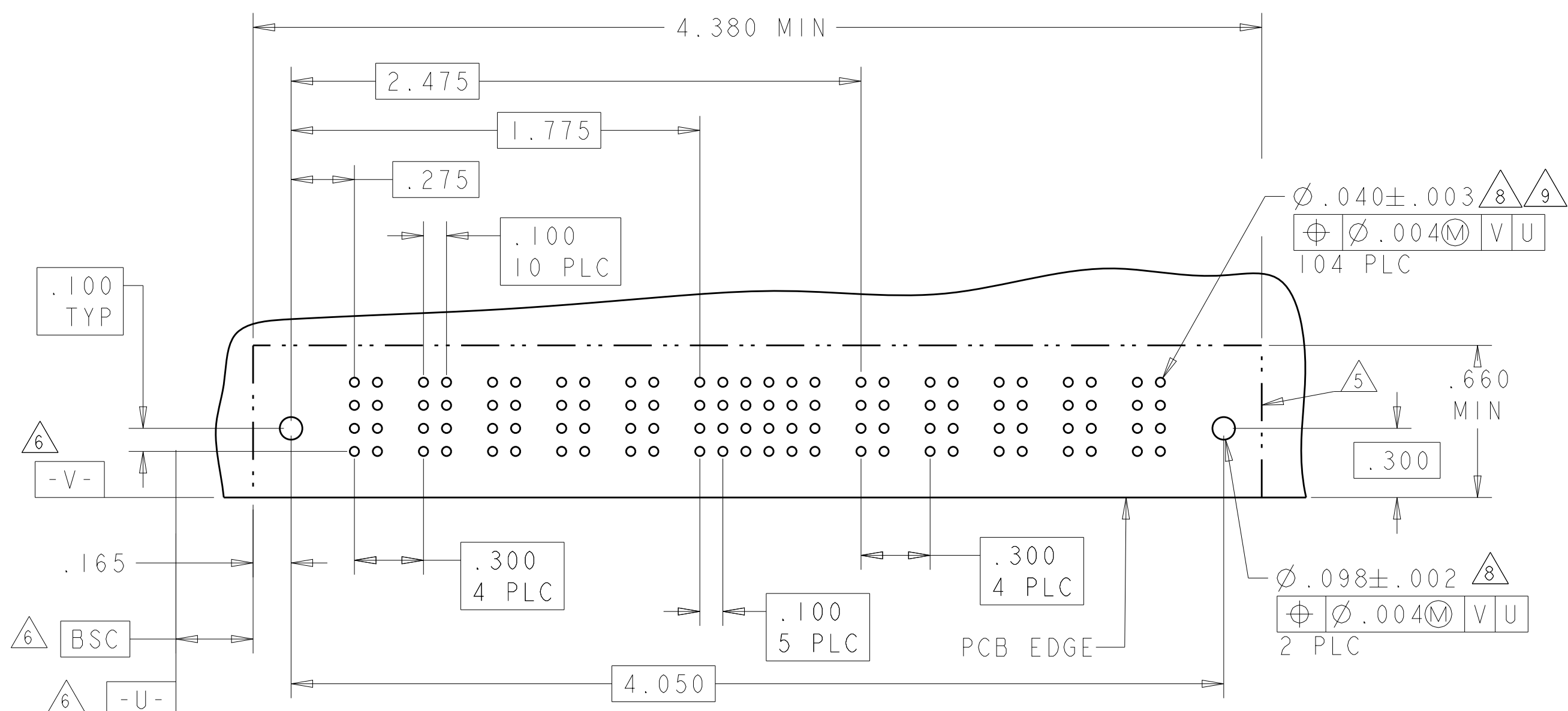
- 36 PLC: 8x9 grid of pins, dimensions: $\varnothing .040 \pm .003$, $\varnothing .004 (M)$, V U
- 2 PLC: 2x8 grid of pins, dimensions: $\varnothing .098 \pm .002$, $\varnothing .004 (M)$, V U

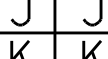
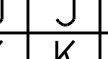
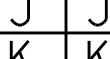
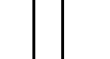
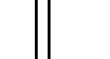
Other features:

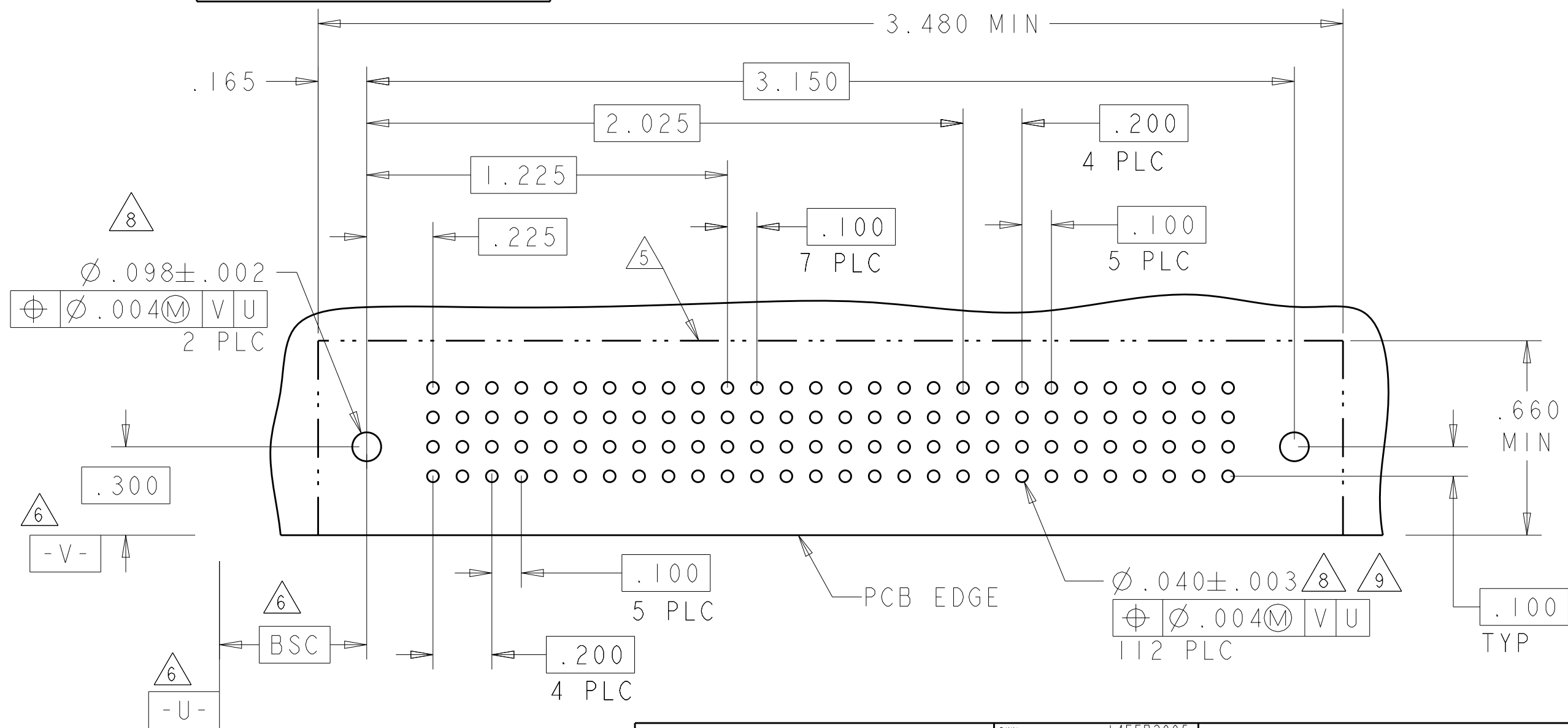
- PCB EDGE
- BSC (Bottom Surface Center)
- 3 PLC
- 2 PLC
- 6
- 5
- 8
- 9
- .660 MIN
- .100 TYP

[illegible]

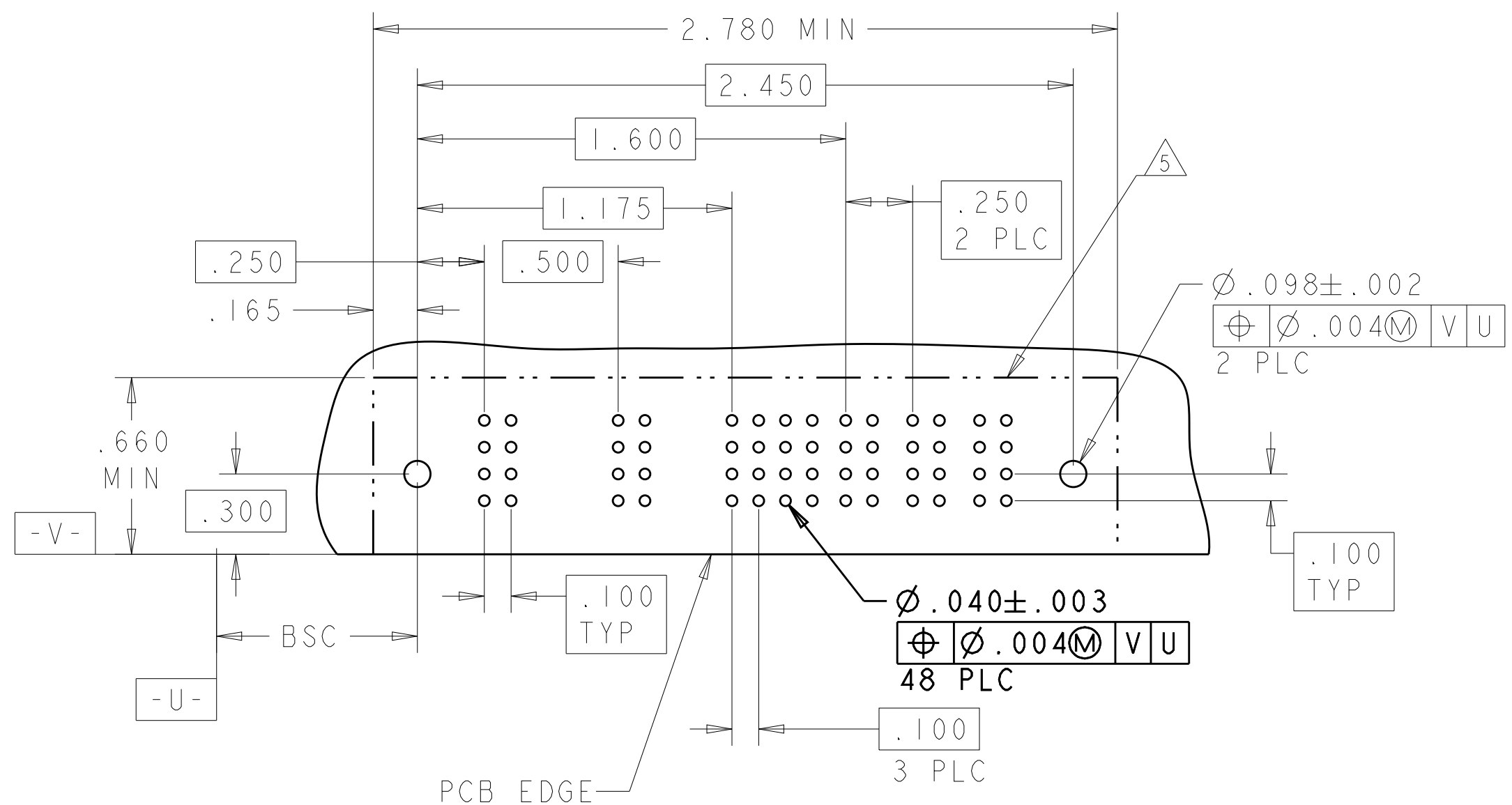
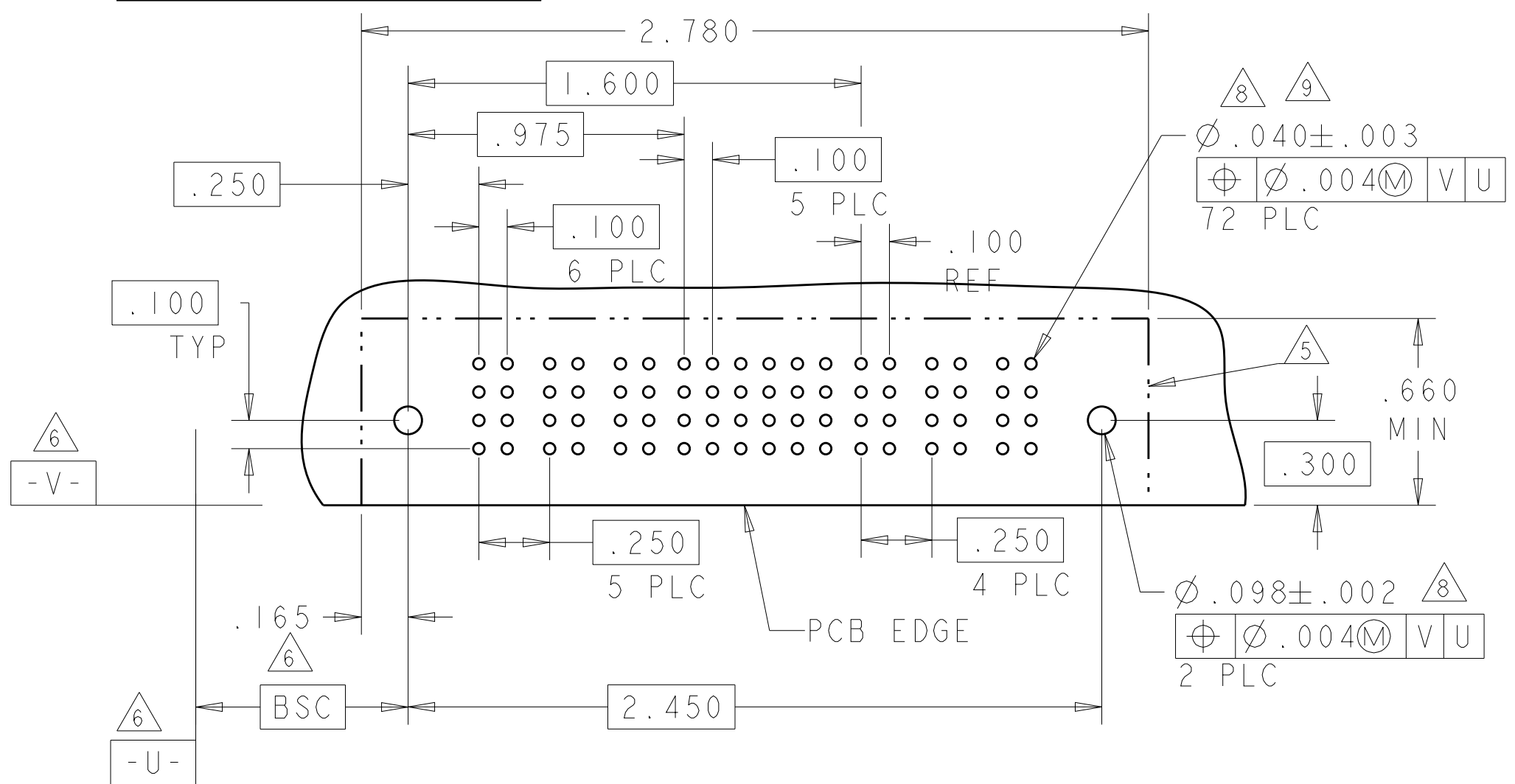
PART NUMBER	ROWS		POWER					SIGNAL						POWER					
			P1	P2	P3	P4	P5	1	2	3	4	5	6	P6	P7	P8	P9	P10	
5-6450130-0	D						J	J	J	J	J	J							
	K						K	K	K	K	K	K							
	N						N	N	N	N	N	N							
	H						H	H	H	H	H	H							
5ACP + 24S + 5ACP																			

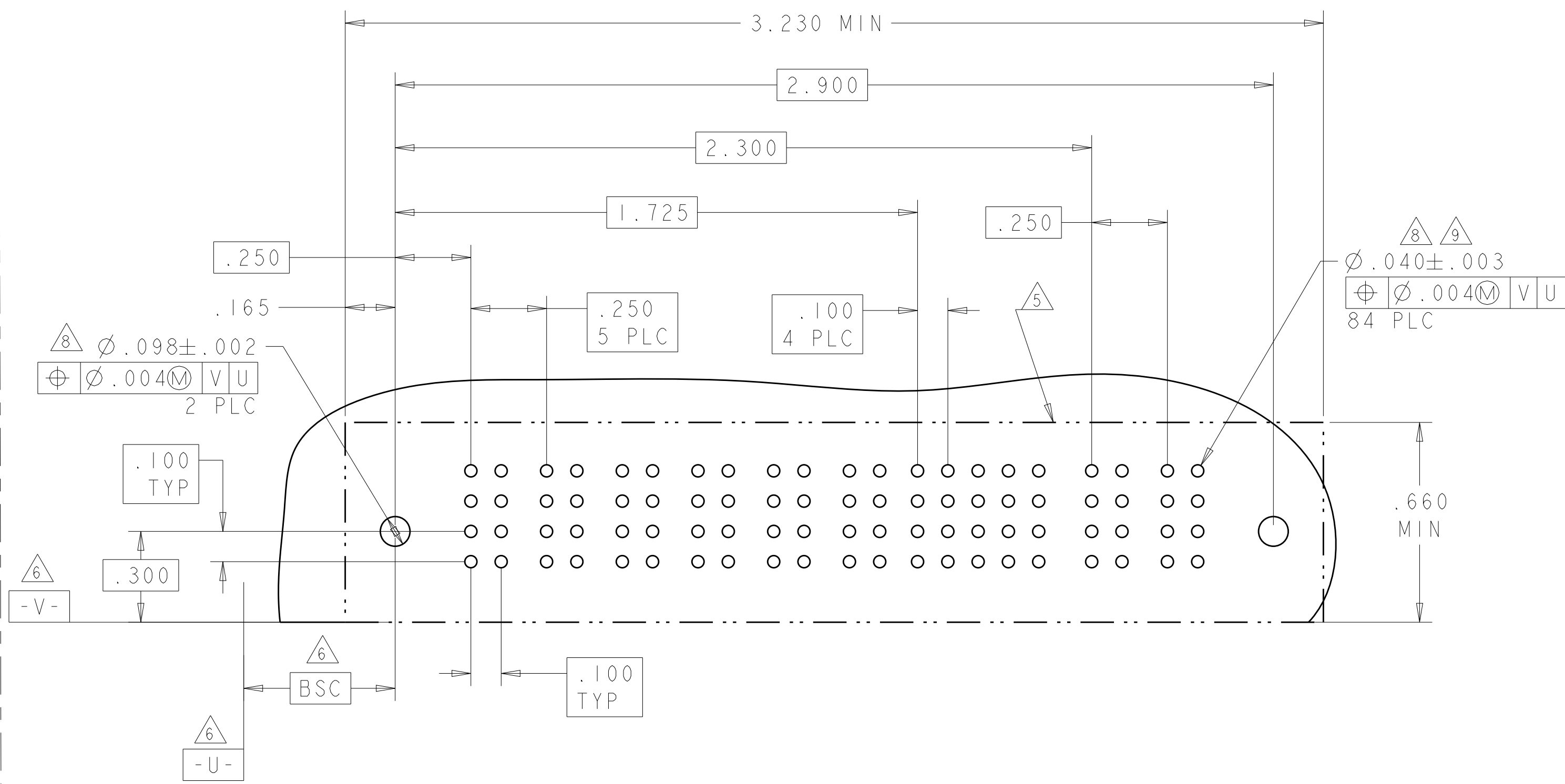


PART NUMBER	ROWS		POWER					SIGNAL								POWER					
			P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	P6	P7	P8	P9	P10	
5-6450130-5	D C B A																				
5P + 32S + 5P																					

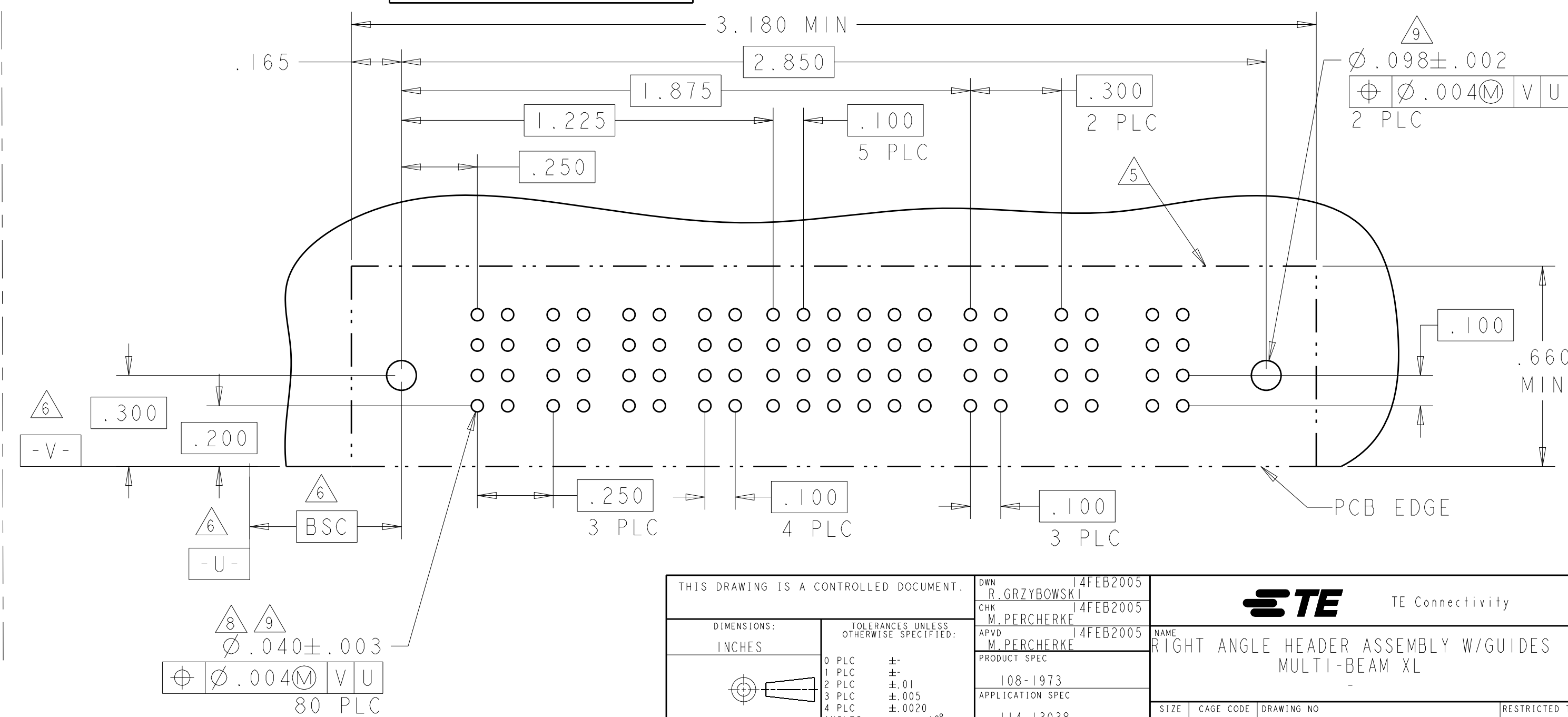
4805 (3/11)

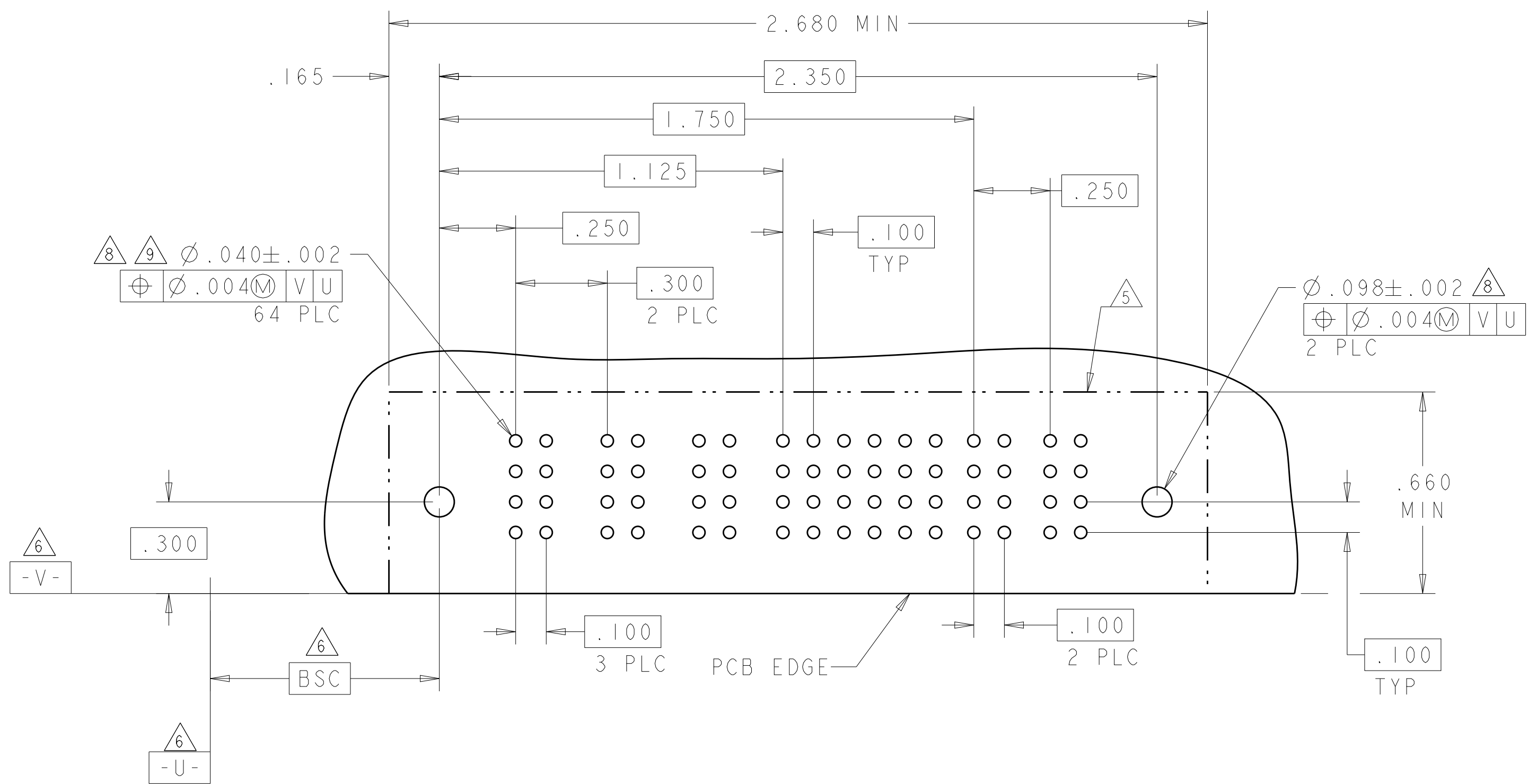
PART NUMBER	ROWS		POWER			SIGNAL						POWER				
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6		
7-6450130-5	D C B A	 						J	J	J	J					 
								K	K	K	K					
								N	N	N	N					
								S	S	S	S					
3P + 24S + 3P			NO CONTACTS LOADED													

[illegible]4805 (3/11)

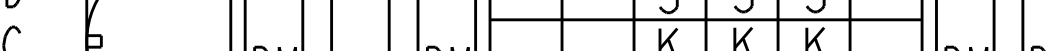
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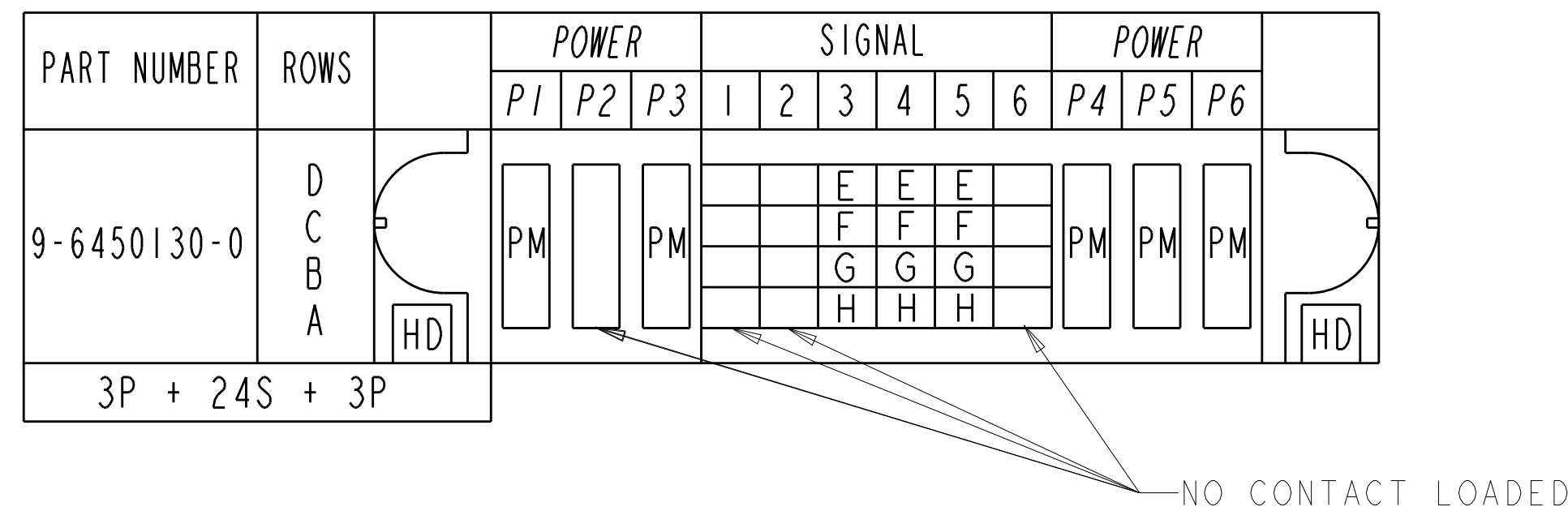
PART NUMBER	ROWS		POWER				SIGNAL						POWER			
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	
8-6450130-2	D C B A	 	 	 	 	J	J	J	J	J	J	 	 	 	 	
						K	K	K	K	K	K					
						N	N	N	N	N	N					
						S	S	S	S	S	H					
4P + 24S + 3ACP																

4805 (3/11)

[illegible]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 141EB2005 GRZYBOWSKI CHK 141EB2005 M. PERCHERKE APP'D 141EB2005 M. PERCHERKE		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±0°		NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CAGE CODE DRAWING NO A100779C6450130	
MATERIAL -		WEIGHT -		RESTRICTED TO -	
FINISH -		Customer Drawing		SCALE 4:1 SHEET 14 of 28 REV M	

PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
8-6450130-6	D		PM		PM			J	J	J		PM	PM	PM	
	C							K	K	K					
	B							N	N	N					
	A							S	S	S					
3P + 24S + 3P															

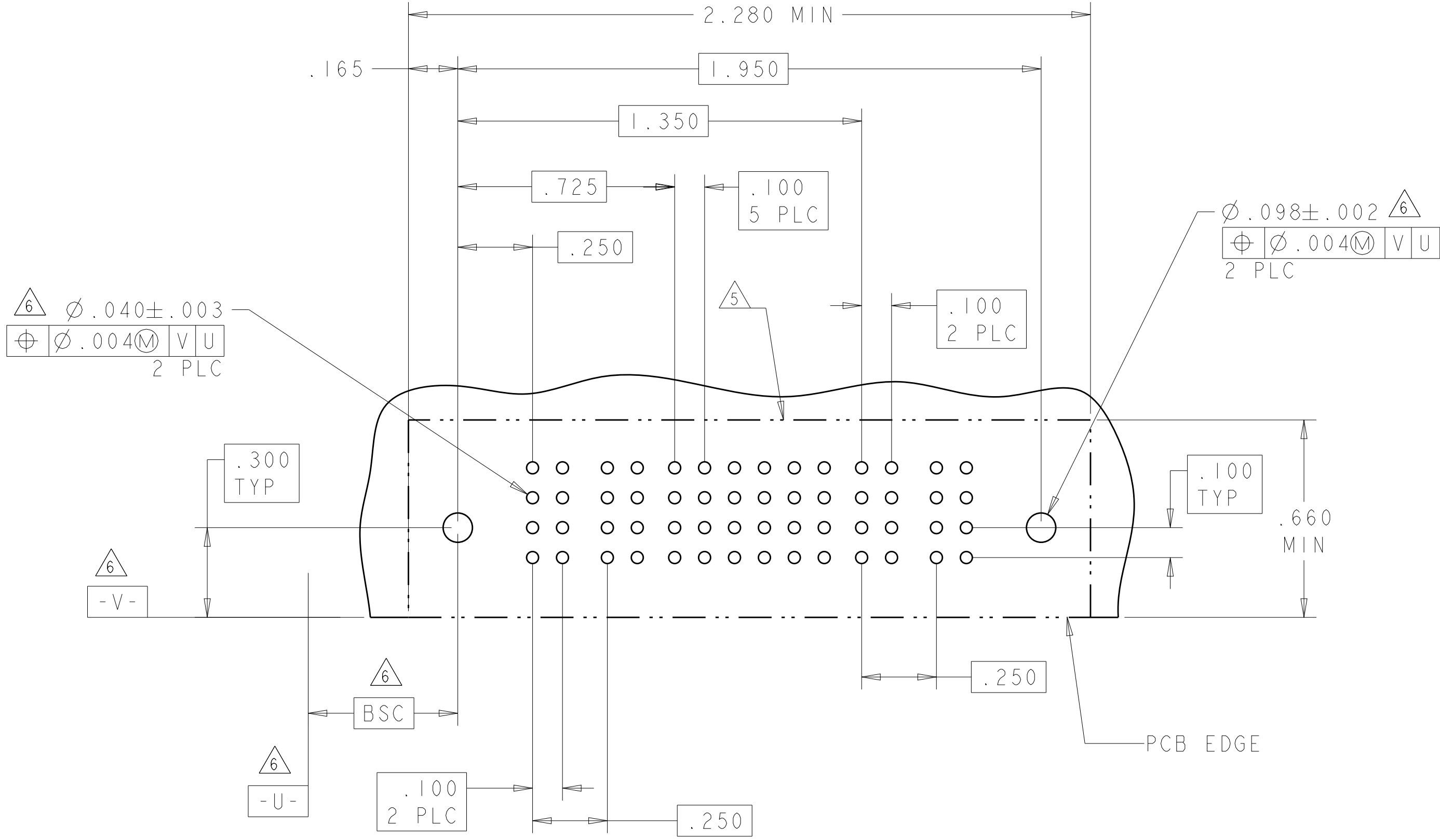


This mechanical drawing illustrates the layout of a PCB, detailing dimensions, tolerances, and component locations. The drawing includes the following features:

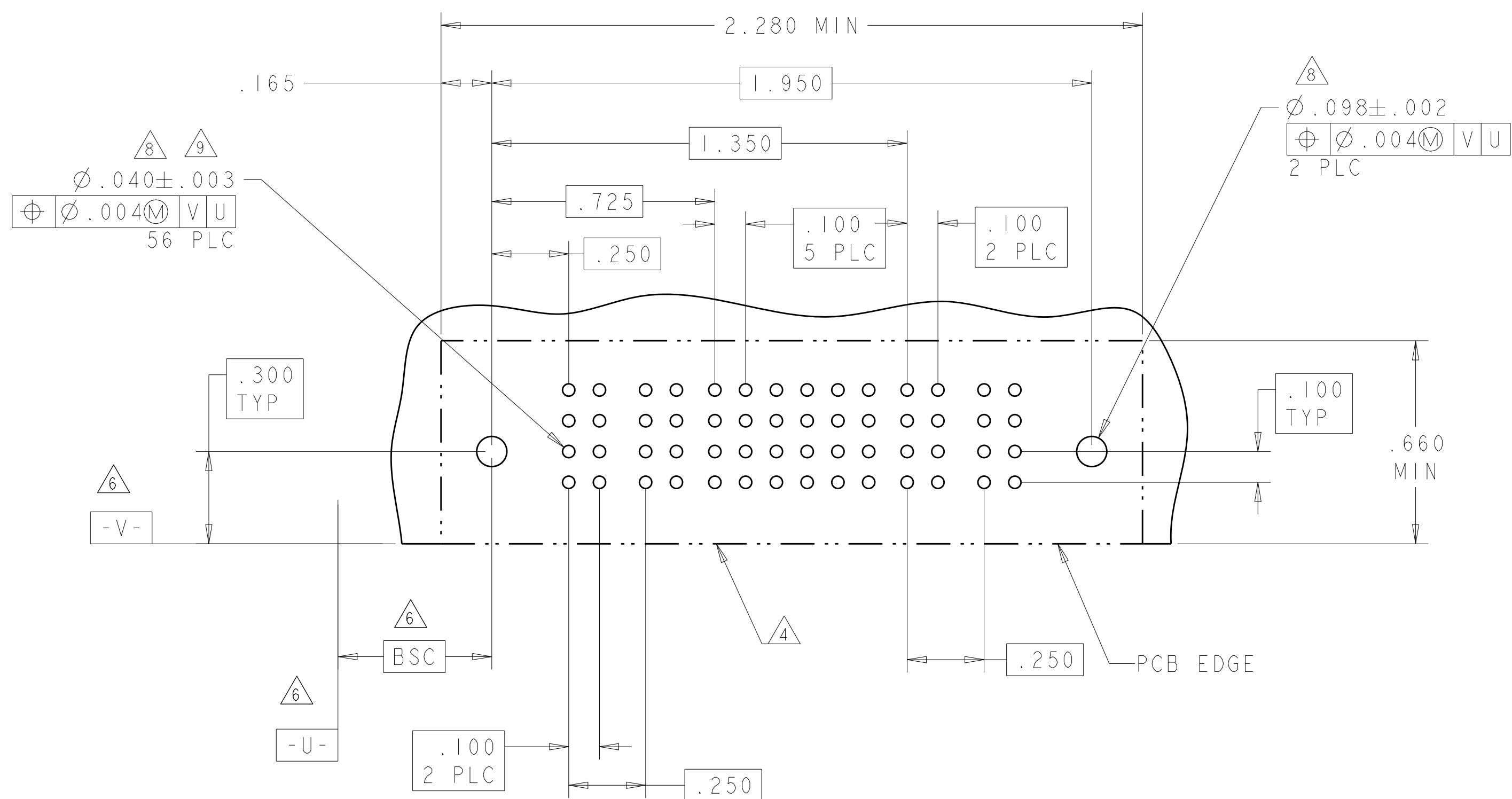
- Dimensions and Tolerances:**
 - Overall width: 2.780 MIN
 - Overall height: .660 MIN
 - Top edge dimensions: 2.450, 1.600, 1.175, .750, .250
 - Bottom edge dimensions: .300, .100, .100, .100
 - Internal dimensions: 1.600, 1.175, .750, .250, .100, .250, .100
- Component Locations and Tolerances:**
 - Top left: $\varnothing .098 \pm .002$ (2 PLC)
 - Top right: $\varnothing .040 \pm .003$ (52 PLC)
 - Bottom left: $\varnothing .004 \pm .002$ (2 PLC)
 - Bottom right: $\varnothing .004 \pm .002$ (52 PLC)
- Component Labels:**
 - BSC (Bottom Left)
 - PLC (Multiple locations)
 - PCB EDGE (Bottom Right)
 - TYP (Typical)
- Notes and Tolerances:**
 - Top left: $\varnothing .098 \pm .002$ (2 PLC)
 - Top right: $\varnothing .040 \pm .003$ (52 PLC)
 - Bottom left: $\varnothing .004 \pm .002$ (2 PLC)
 - Bottom right: $\varnothing .004 \pm .002$ (52 PLC)

4805 (3/11)

PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
2-6450130-9	D C B A	 HD	PM	PM	J	J	J	J	J	J	PM	PM	 HD
					K	K	K	K	K	F			
					N	N	N	N	N	N			
					S	S	S	S	S	S			
2P + 24S + 2P													

4805 (3/11)

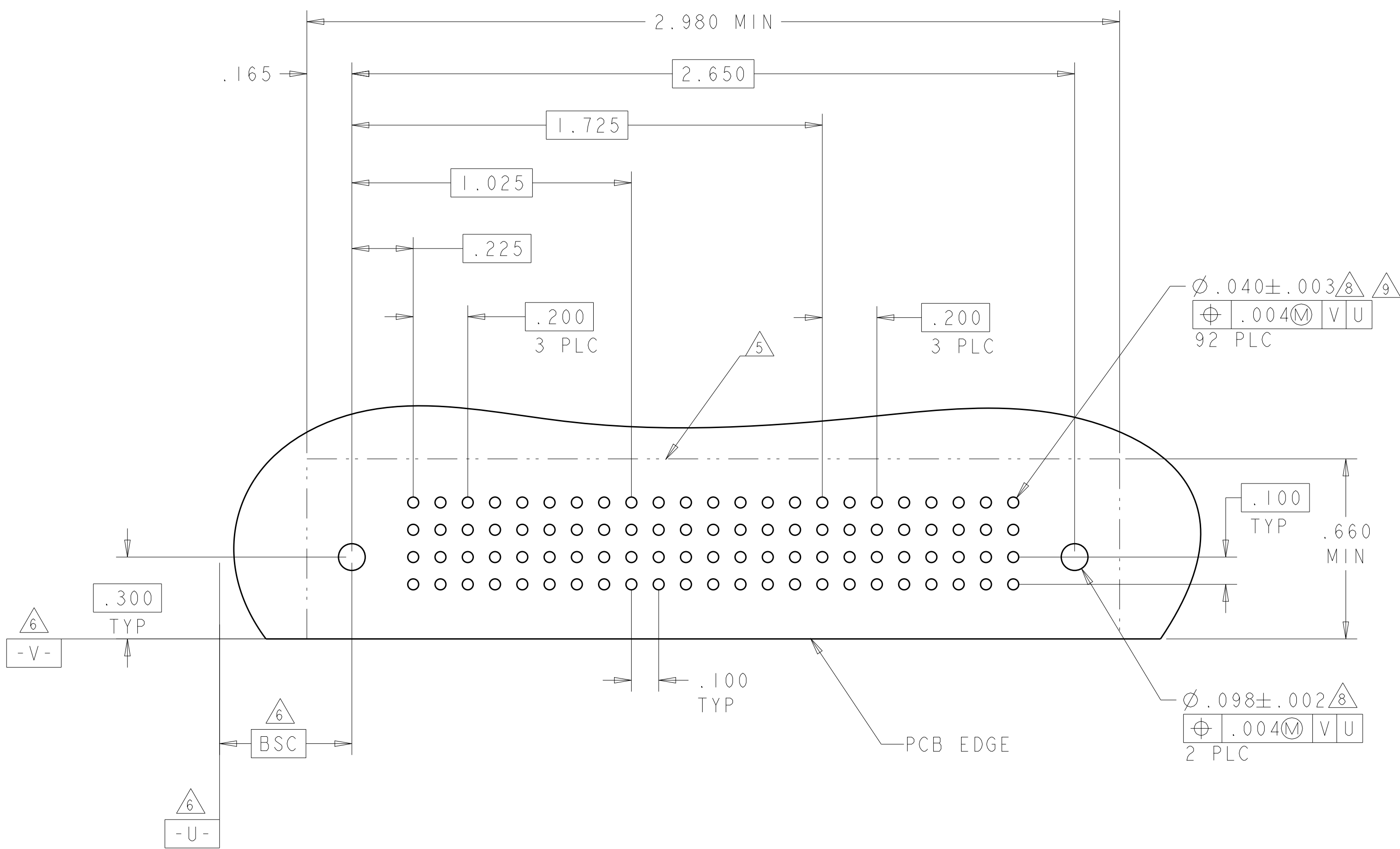
PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
6-6450130-7	D C B A				J K N S	J K N S	J K N S	J K G S	J K N S	J K N S			
2P + 24S + 2P													



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 141EB2005 GRZYBOWSKI CHK 141EB2005 M. PERCHERRE APP'D 141EB2005 M. PERCHERRE		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±0°		NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CAGE CODE DRAWING NO A100779C6450130	
MATERIAL -		FINISH - WEIGHT -		RESTRICTED TO -	
		Customer Drawing		SCALE 4:1 SHEET 17 of 28 REV M	

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PART NUMBER	ROWS		POWER				SIGNAL							POWER				
			P1	P2	P3	P4	1	2	3	4	5	6	7	P5	P6	P7	P8	
2-6450130-4	D		PA	PA	PA	PA	A4	A4	A4	A4	A4	A4	A4	PA	PA	PA	PA	
	C						A3	A3	A3	A3	A3	A3	A3					
	B						A2	A2	A2	A2	A2	A2	A2					
	A	A1					A1	A1	A1	A1	A1	A1						
4HDP + 2S + 4HDP																		

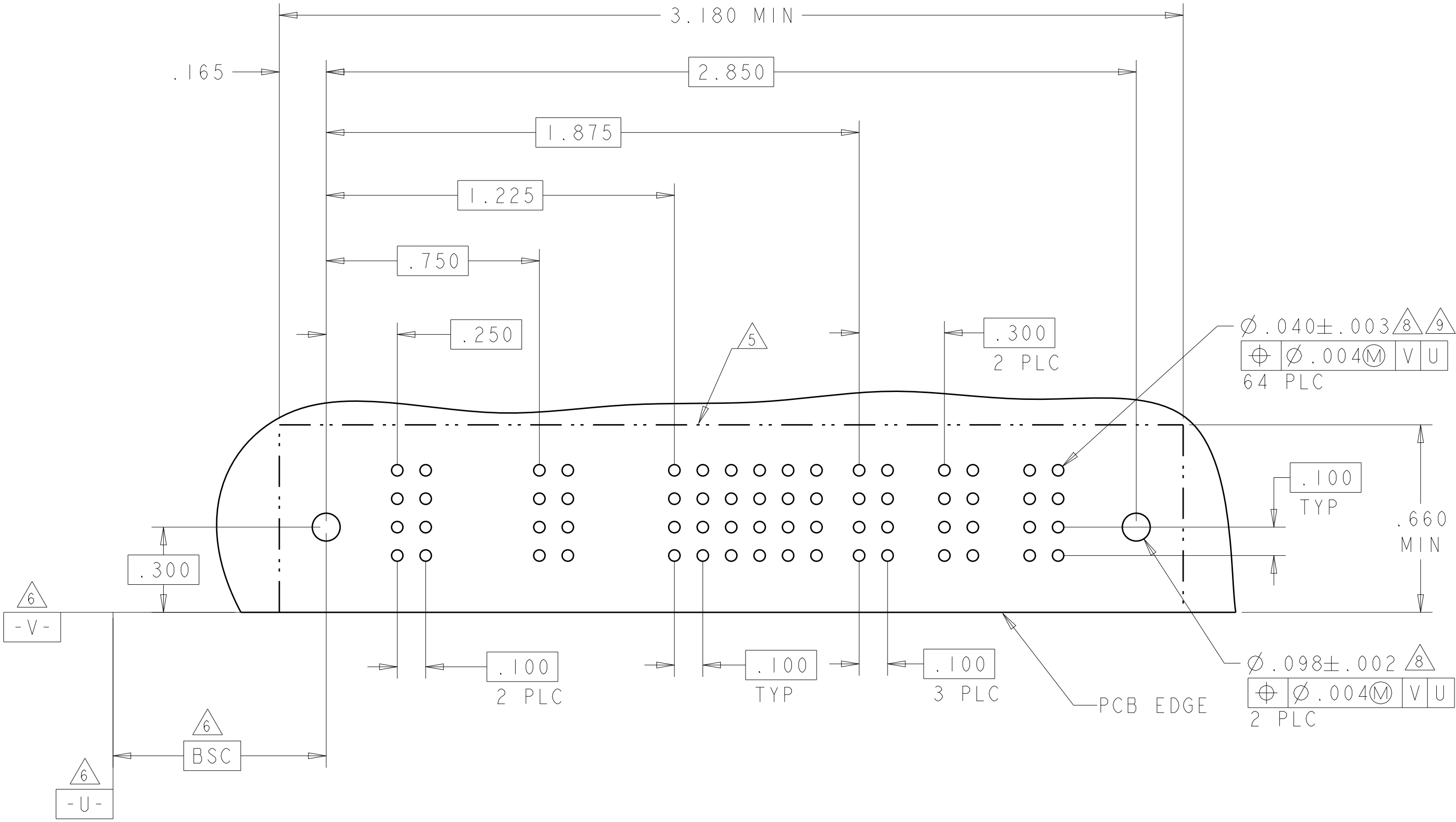
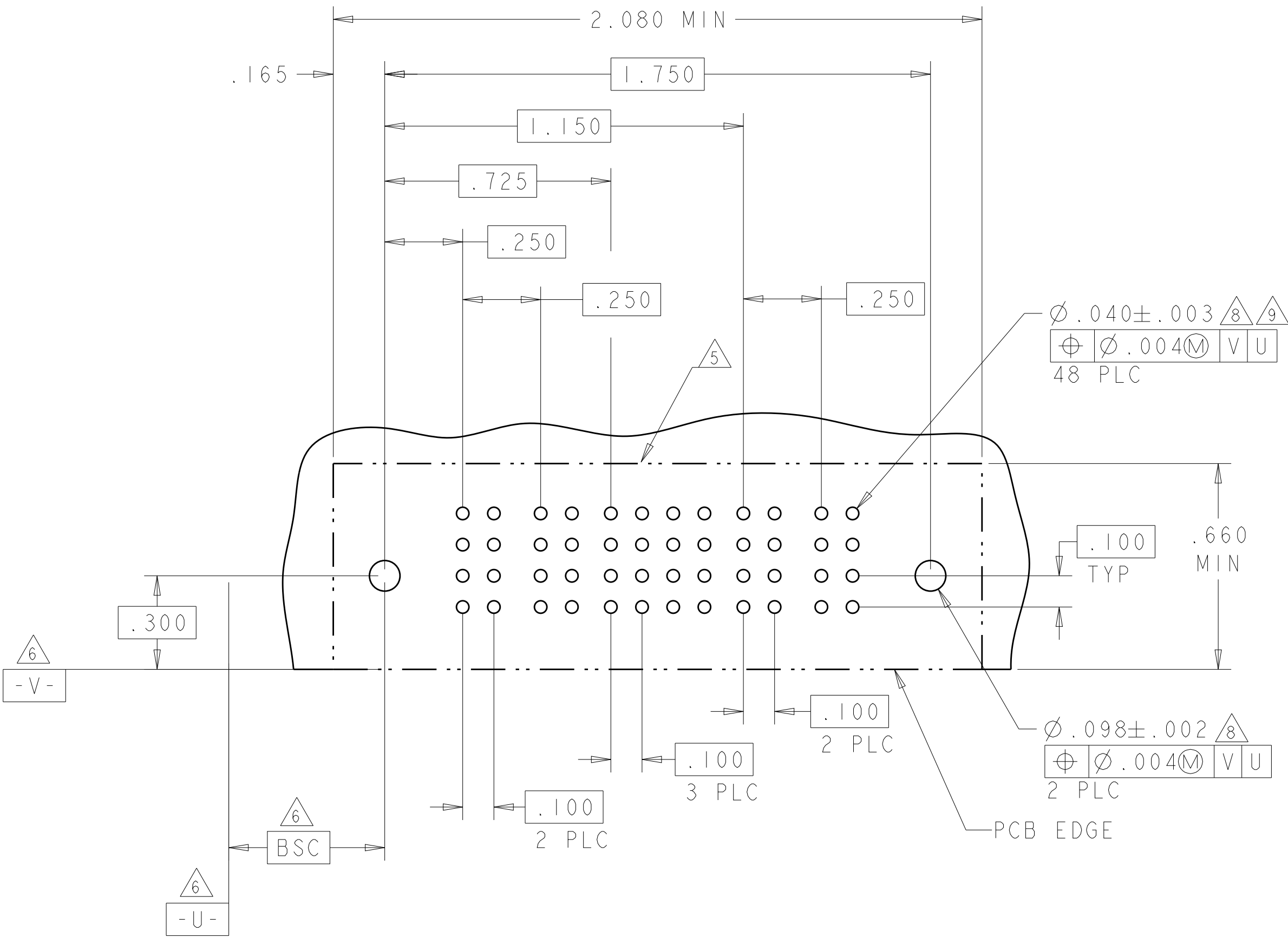
4805 (3/11)

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

PART NUMBER	ROWS		POWER		SIGNAL				POWER		
			P1	P2	1	2	3	4	P3	P4	
9-6450130-3	D		PM	PM	E	J	J	J	PM	PM	
	C				K	K	K	K			
	B				N	N	N	N			
	A				S	S	S	S			
2P + 16S + 2P											

PART NUMBER	ROWS		POWER				SIGNAL						POWER			
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	
9-6450130-4	D					J	J	J	J	J	J					
	K					K	K	K	K	K						
	N					N	N	N	N	N						
	S					S	S	S	S	H						
4P + 24S + 3ACP																

NO CONTACT LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

4FEB2005
14FEB2005
14FEB2005

DIMENSIONS:
INCHES

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

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

108-1973
APPLICATION SPEC
114-13038
WEIGHT

Customer Drawing

SCALE 4:1

SHEET 19 OF 28

REV M2

TE Connectivity

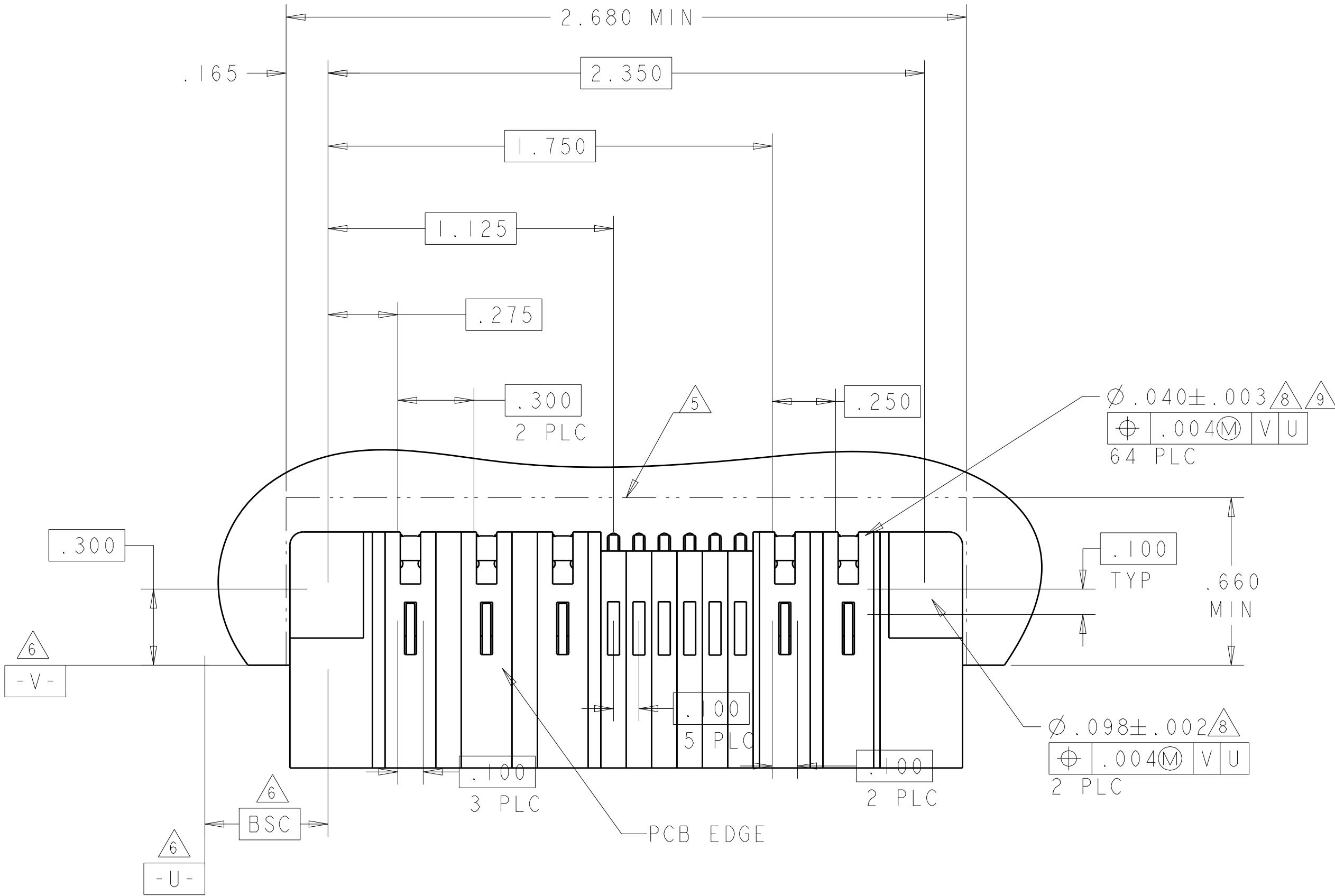
RIGHT ANGLE HEADER ASSEMBLY W/GUIDES
MULTI-BEAM XL

SIZE CAGE CODE DRAWING NO
A100779C=6450130

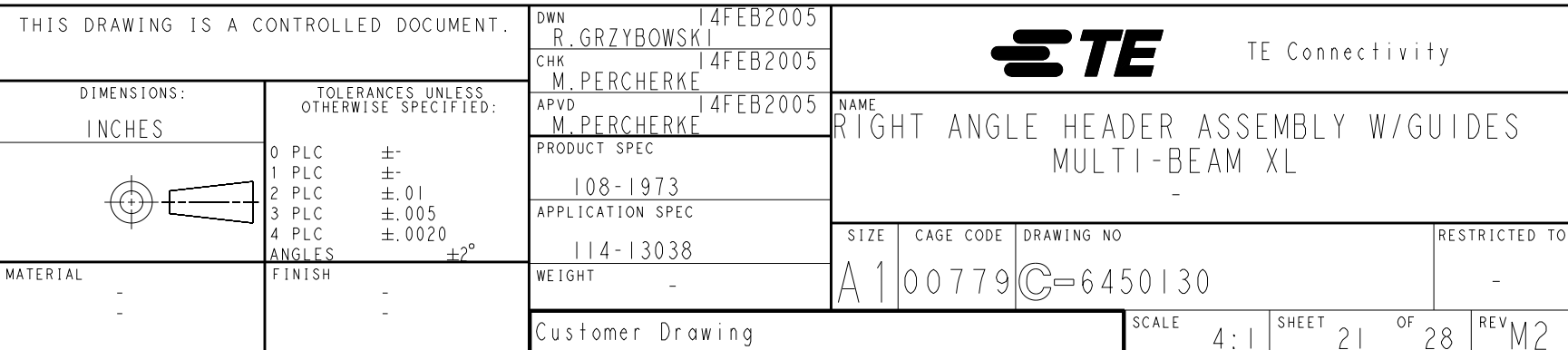
RESTRICTED TO

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

PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	
2-6450130-6	D	PM	PM	PM	J	J	J	J	J	J	PM	PM	HD
	C				K	K	K	K	K	K			
	B				N	N	N	N	N	N			
	A	HD			S	S	S	S	S	S			
3ACP + 24S + 2P													

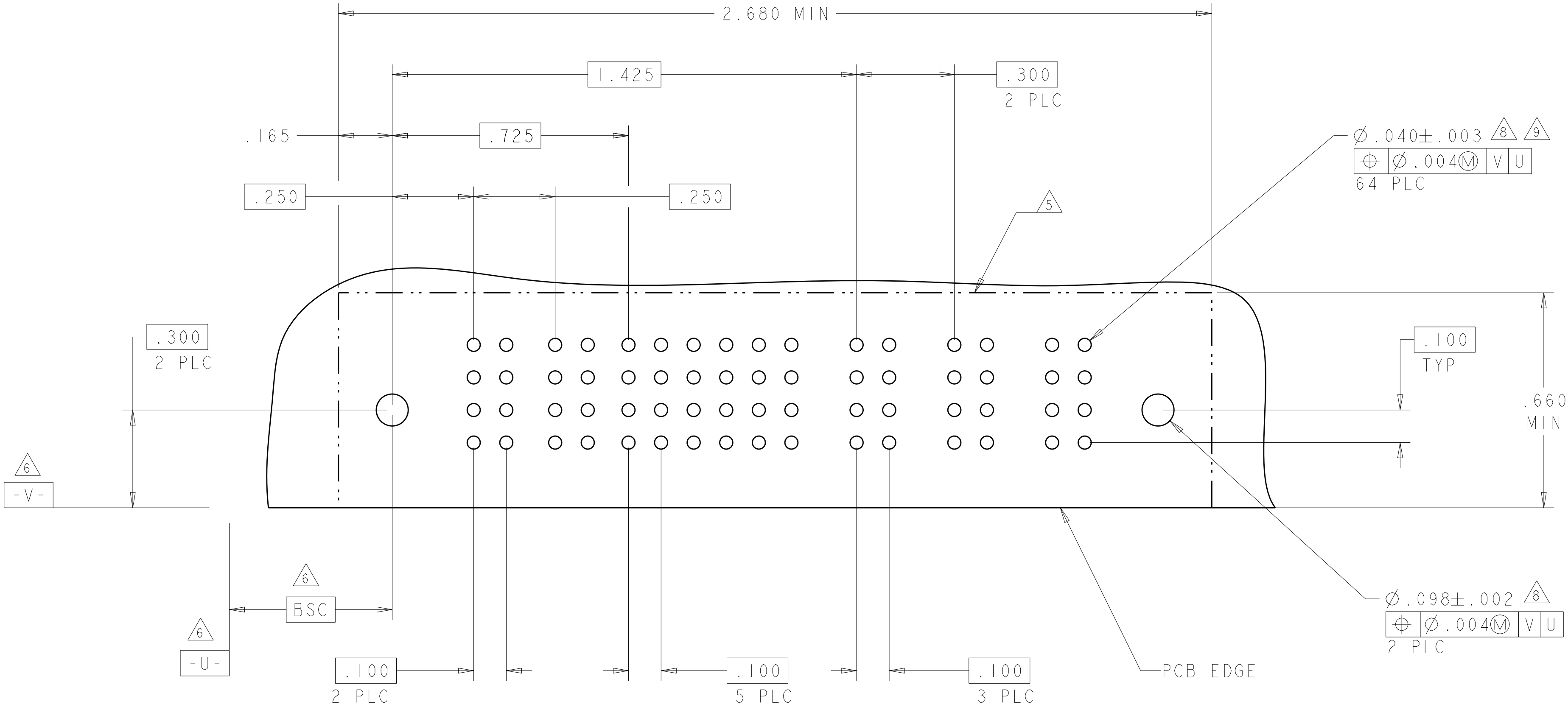


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	4FEB2005	TE Connectivity	
		CHK M.PERCHEKKE	14FEB2005		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
		0 PLC ±"		PRODUCT SPEC	
		1 PLC ±.01		108-1973	
		2 PLC ±.01		APPLICATION SPEC	
		3 PLC ±.005		114-13038	
		4 PLC ±.0020		WEIGHT	
		ANGLES ±2°		Customer Drawing	
MATERIAL		FINISH		RESTRICTED TO	
-		-		-	
				SCALE 4:1 SHEET 20 OF 28 REV M2	

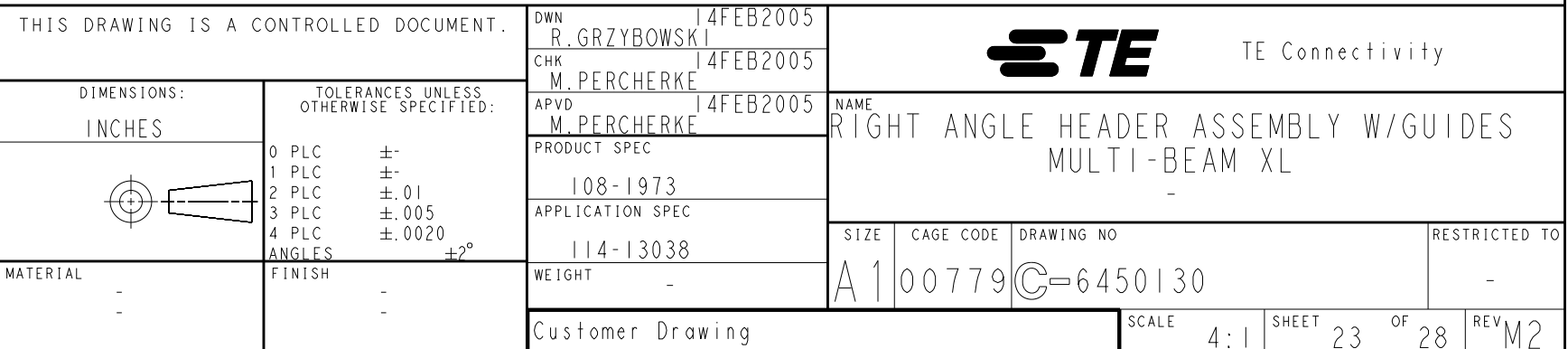
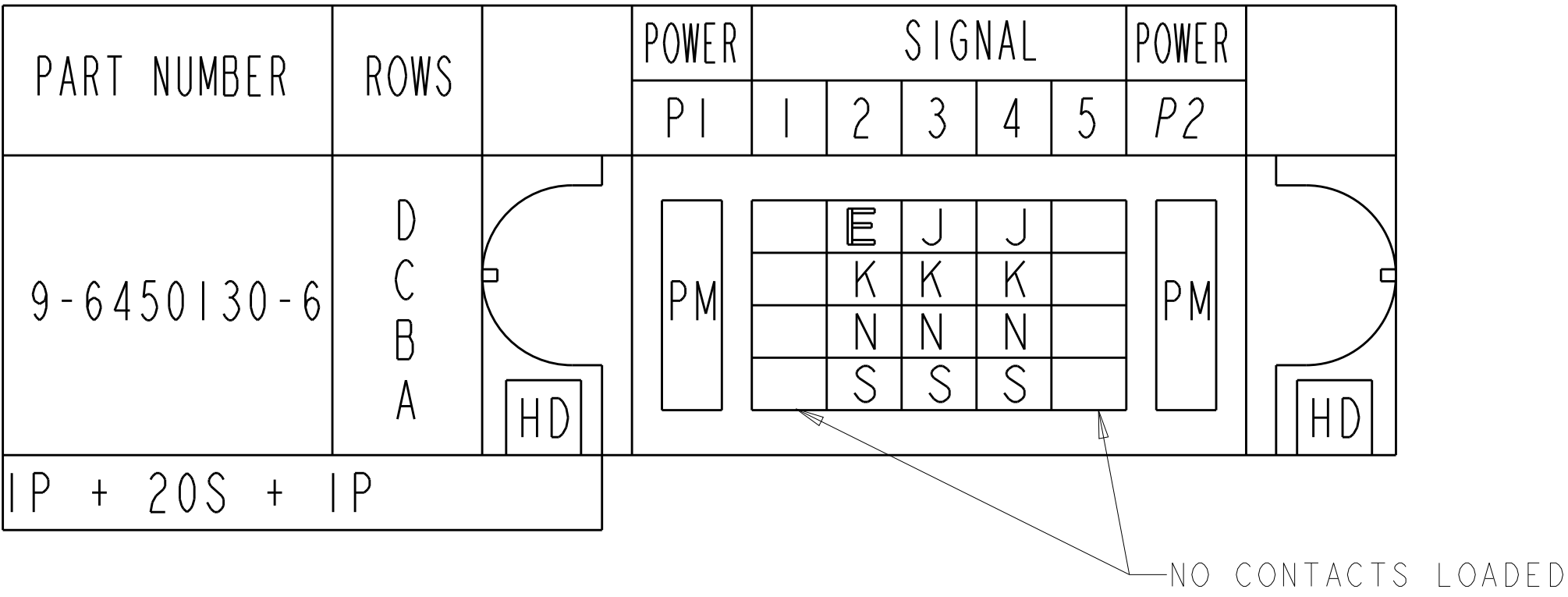


LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
ES	00	-	-	SEE SHEET 1	-	-

PART NUMBER	ROWS		POWER		SIGNAL						POWER			
			P1	P2	1	2	3	4	5	6	P3	P4	P5	
9-6450130-5	D		PM	PM	J	J	E	J	J	J	PM	PM	PM	
	K				K	K	K	K	K					
	N				N	G	N	N	N					
	S				S	S	S	S	S					
2P + 24S + 3ACP														



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHEKKE APVD M.PERCHEKKE	4FEB2005 14FEB2005 14FEB2005	TE Connectivity	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC		NAME	
	0 PLC ± 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES #2° FINISH	108-1973		RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
MATERIAL		APPLICATION SPEC		SIZE	
-	-	114-13038		CAGE CODE	
		WEIGHT		DRAWING NO	
		-		A100779	
Customer Drawing		SCALE		SHEET	
		4:1		22 OF 28	
				REV	
				M2	



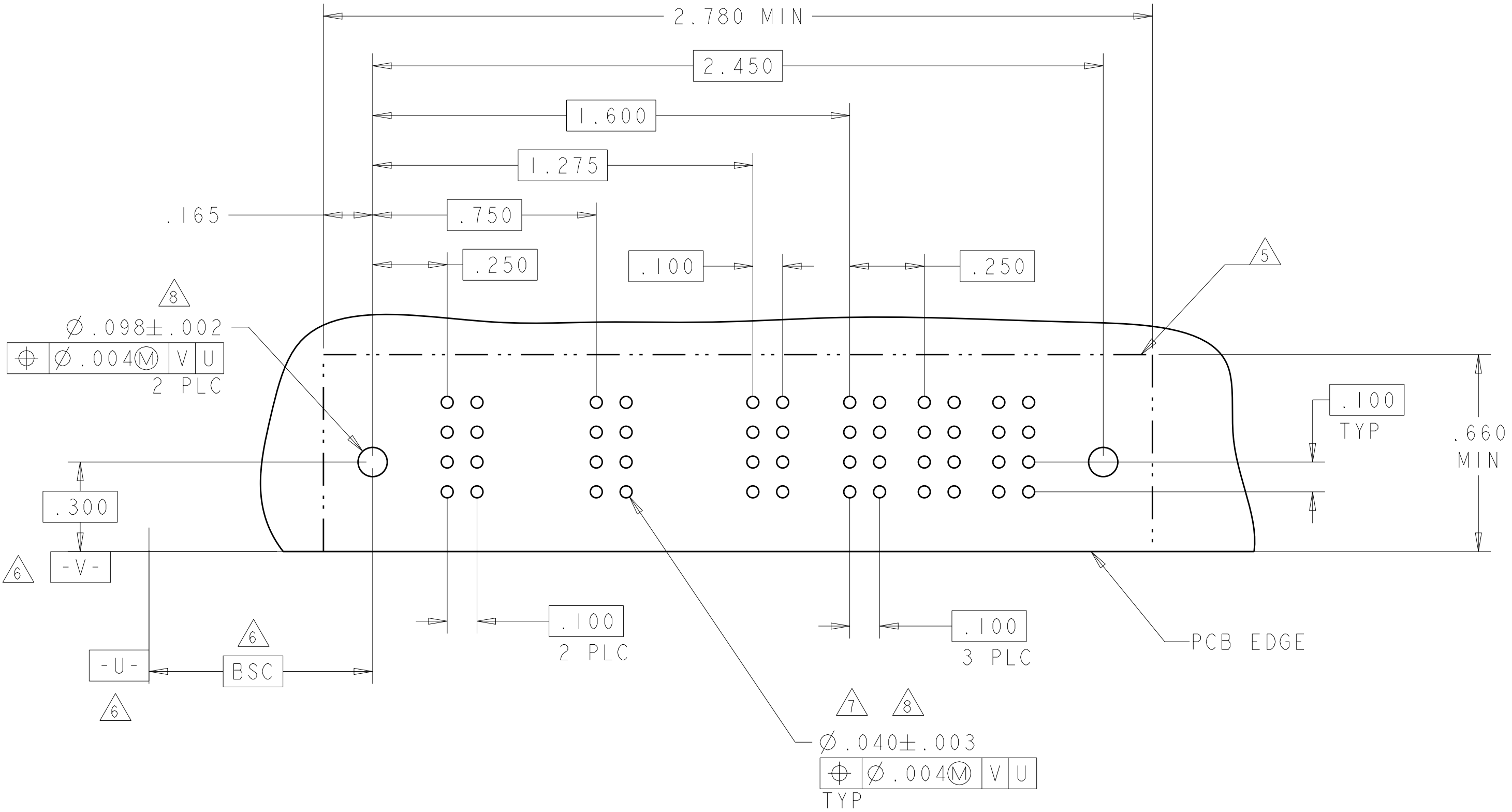
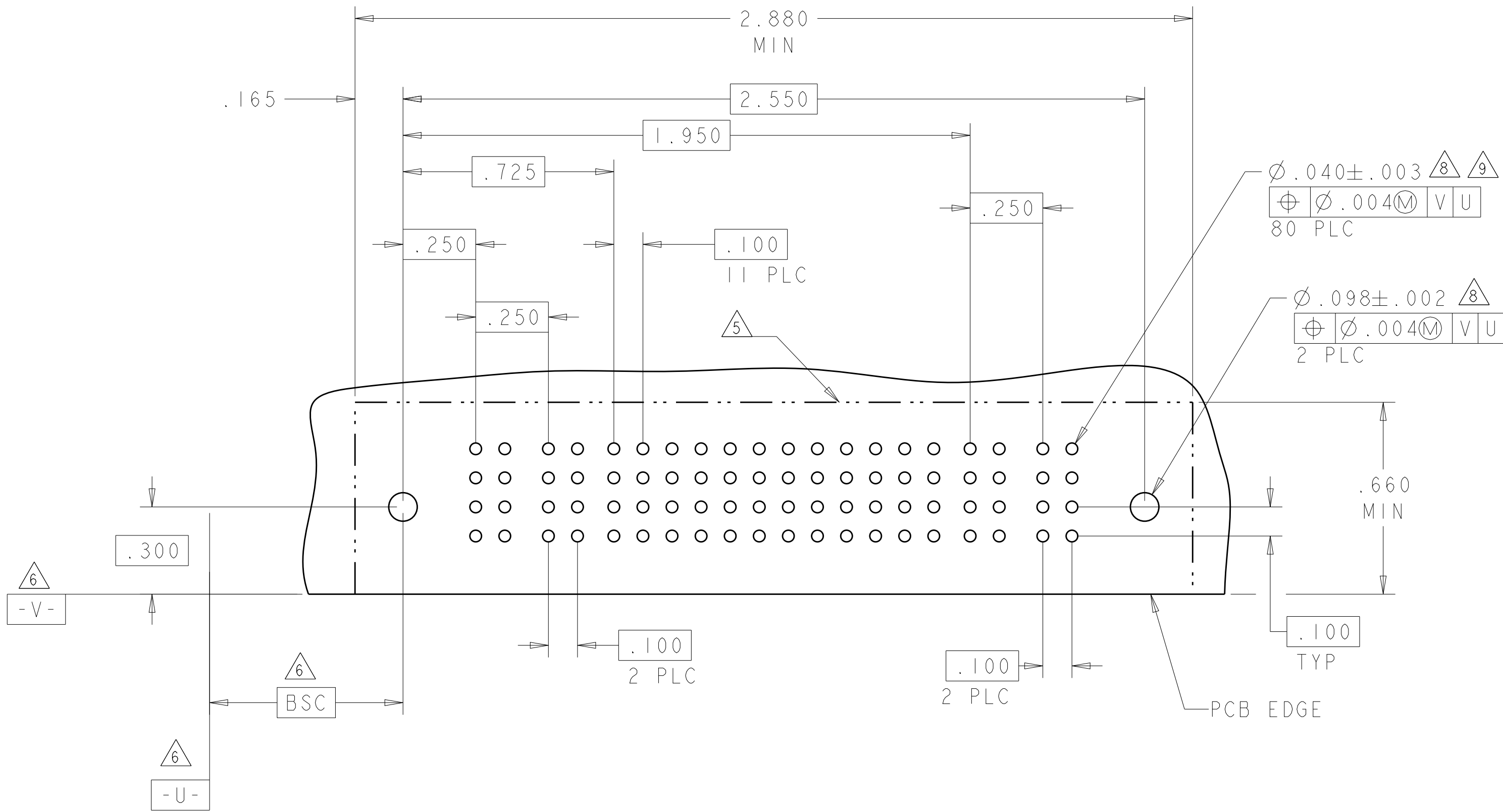
LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION			DATE	DWN	APVD	
-	-	SEE SHEET 1			-	-	-	

PART NUMBER	ROWS		POWER		SIGNAL												POWER		
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	P3	P4	
6-6450130-9	D		PM	PM	E	J	J	J	J	J	J	J	J	J	E	PM	PM		
	K				K	K	K	K	K	K	K	K	K	K					
	N				N	N	N	N	N	N	N	N	N	N					
	H				S	S	S	S	S	S	S	S	S	H					
2P + 48S + 2P																			

PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
9-6450130-7	D		PM		PM				E	E		PM	PM	PM	
	C								F	F					
	B								G	G					
	A								H	H					
3P + 24S + 3P															

L5

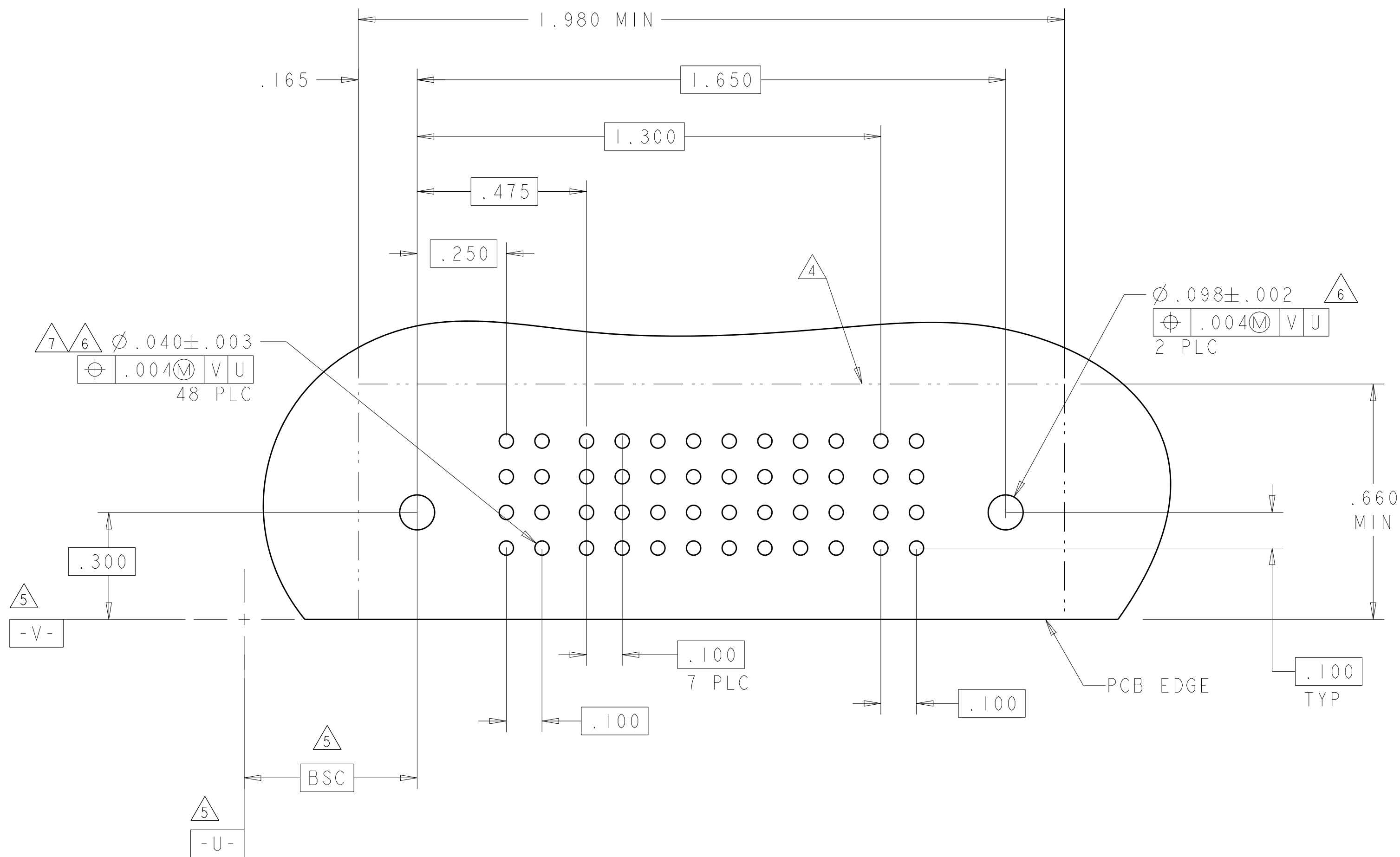
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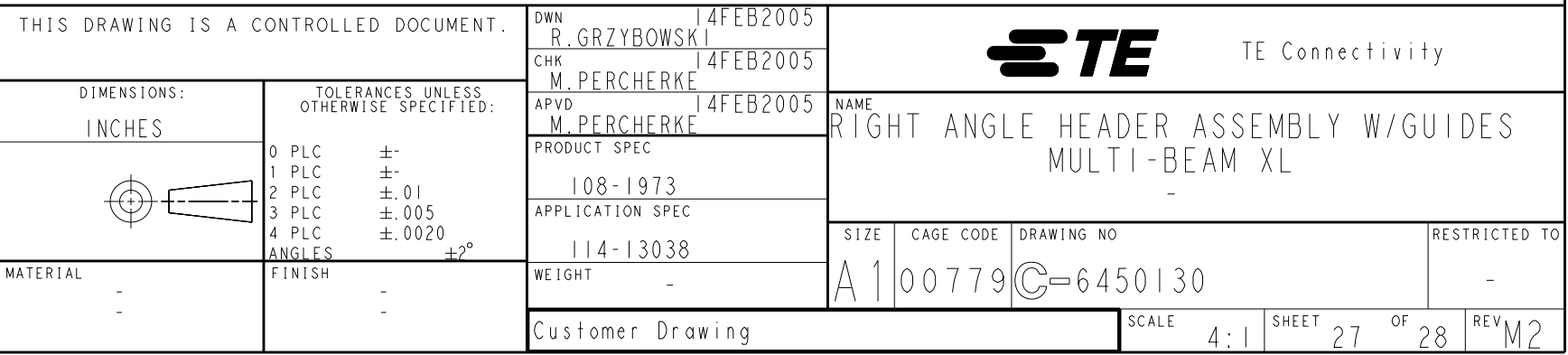
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 14FEB2005	TE Connectivity	
DIMENSIONS: INCHES		CHK M.PERCHERKE 14FEB2005		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD W.PERCHERKE 14FEB2005	NAME	
		PRODUCT SPEC	RIGHT ANGLE HEADER ASSEMBLY W/GUIDES	
		APPLICATION SPEC	MULTI-BEAM XL	
		ANGLES	-	
MATERIAL		WEIGHT	SIZE A1	CAGE CODE 00779
			DRAWING NO C=6450130	RESTRICTED TO
Customer Drawing		SCALE 4:1	SHEET 24	OF 28
			REV M2	

L7

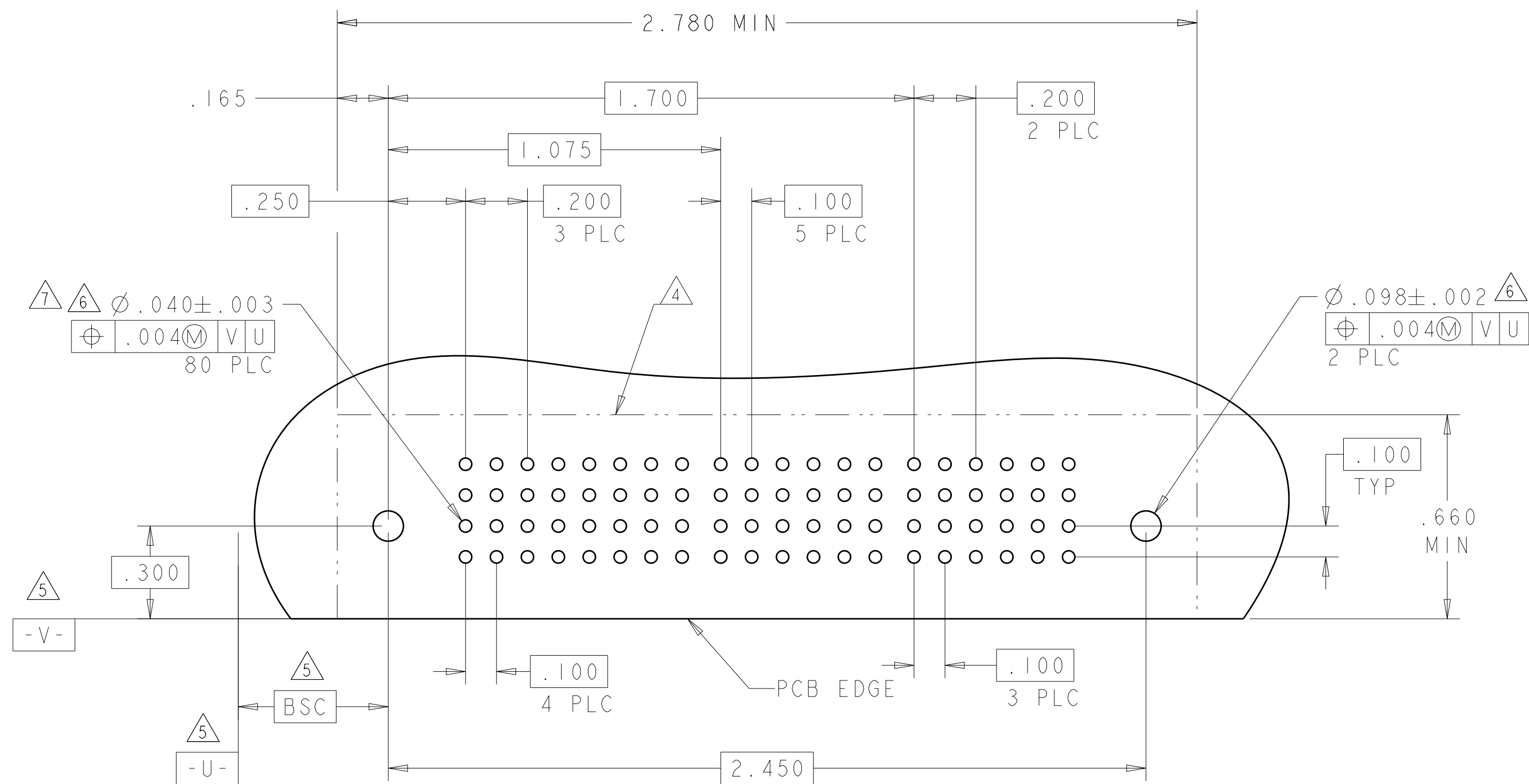
4805 (3/11)

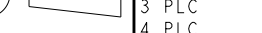
4805 (3/11)

L 9



PART NUMBER	ROWS		POWER				SIGNAL						POWER				
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7		
5-6450130-3	D			PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	
	K							K	K	K	K	K					
	N							N	N	N	N	N					
	H							S	S	S	S	S					
4HDP + 24S + 3HDP																	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG 14FEB2005	 TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERRE	NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	KYD M. PERCHERRE		
	0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020	PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		
MATERIAL	ANGLES FINISH	WEIGHT	SIZE CAGE CODE A100779C	DRAWING NO 6450130
-	-	-	RESTRICTED TO -	
Customer Drawing			SCALE 4:1	SHEET 28 OF 28
			REV M	

Mouser Electronics

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