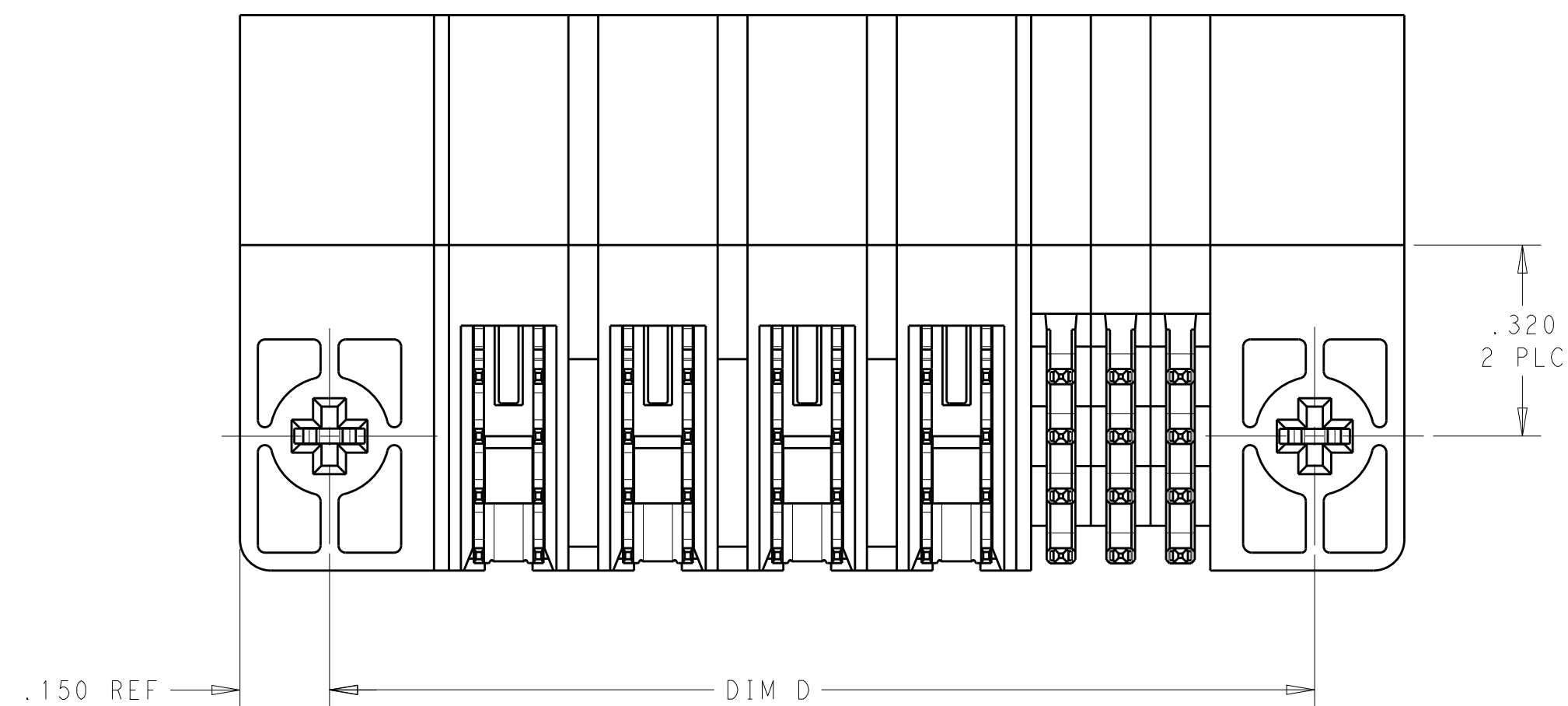
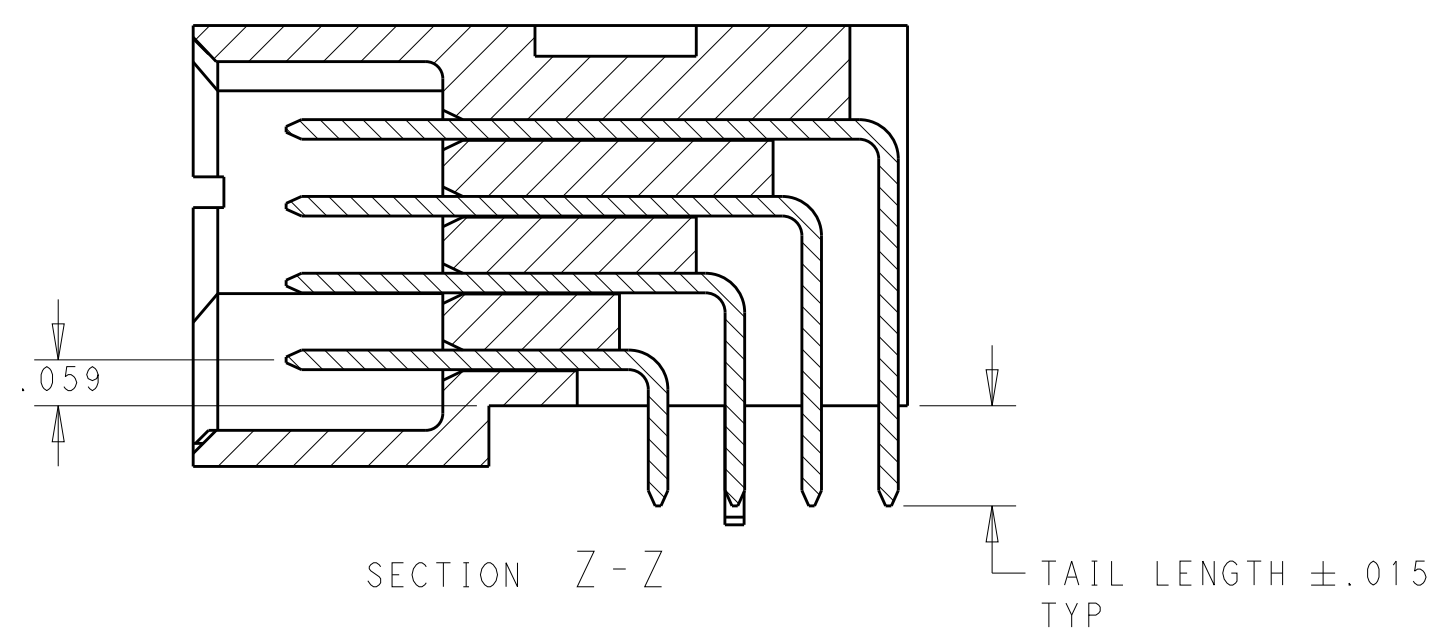
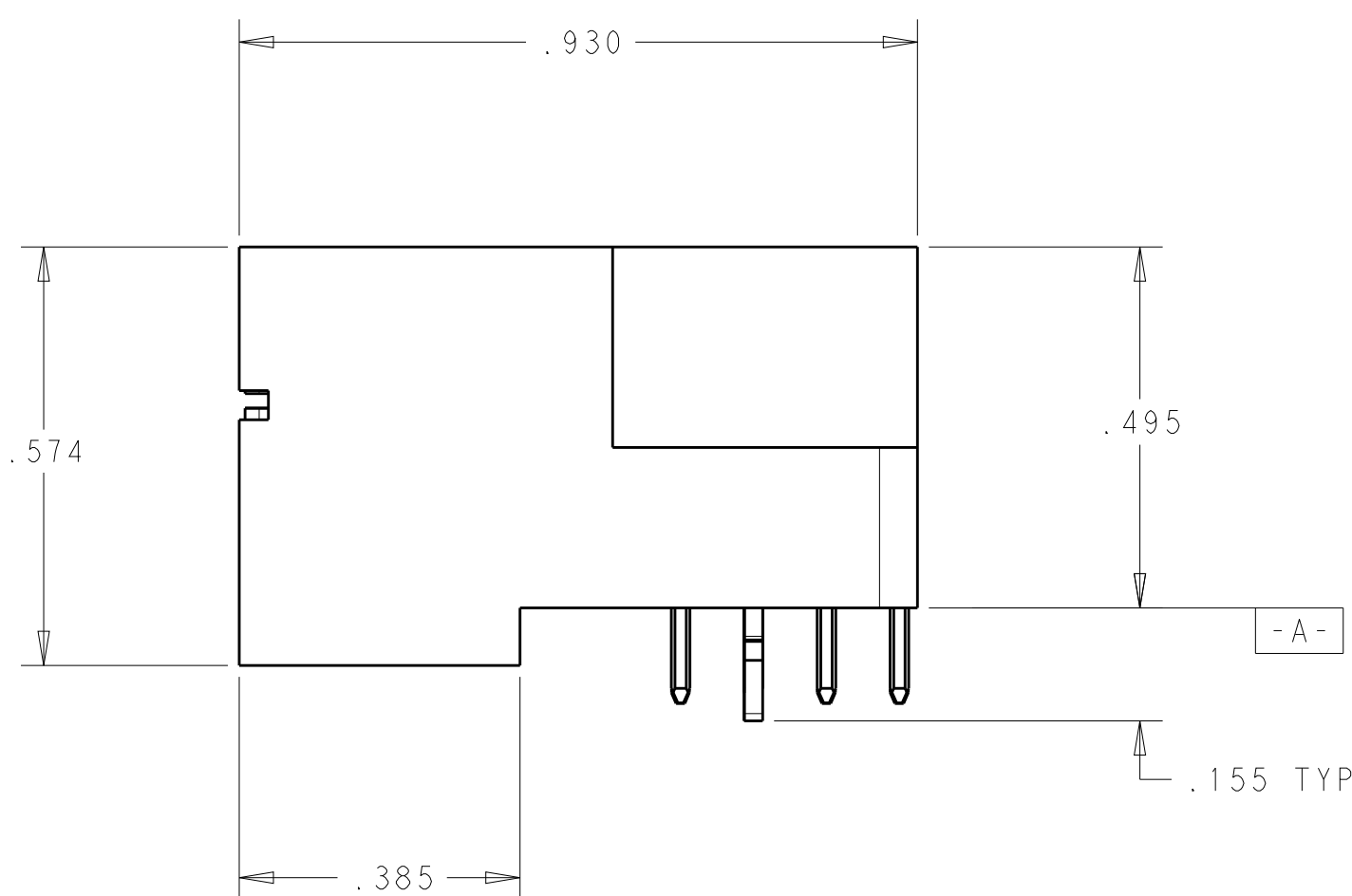
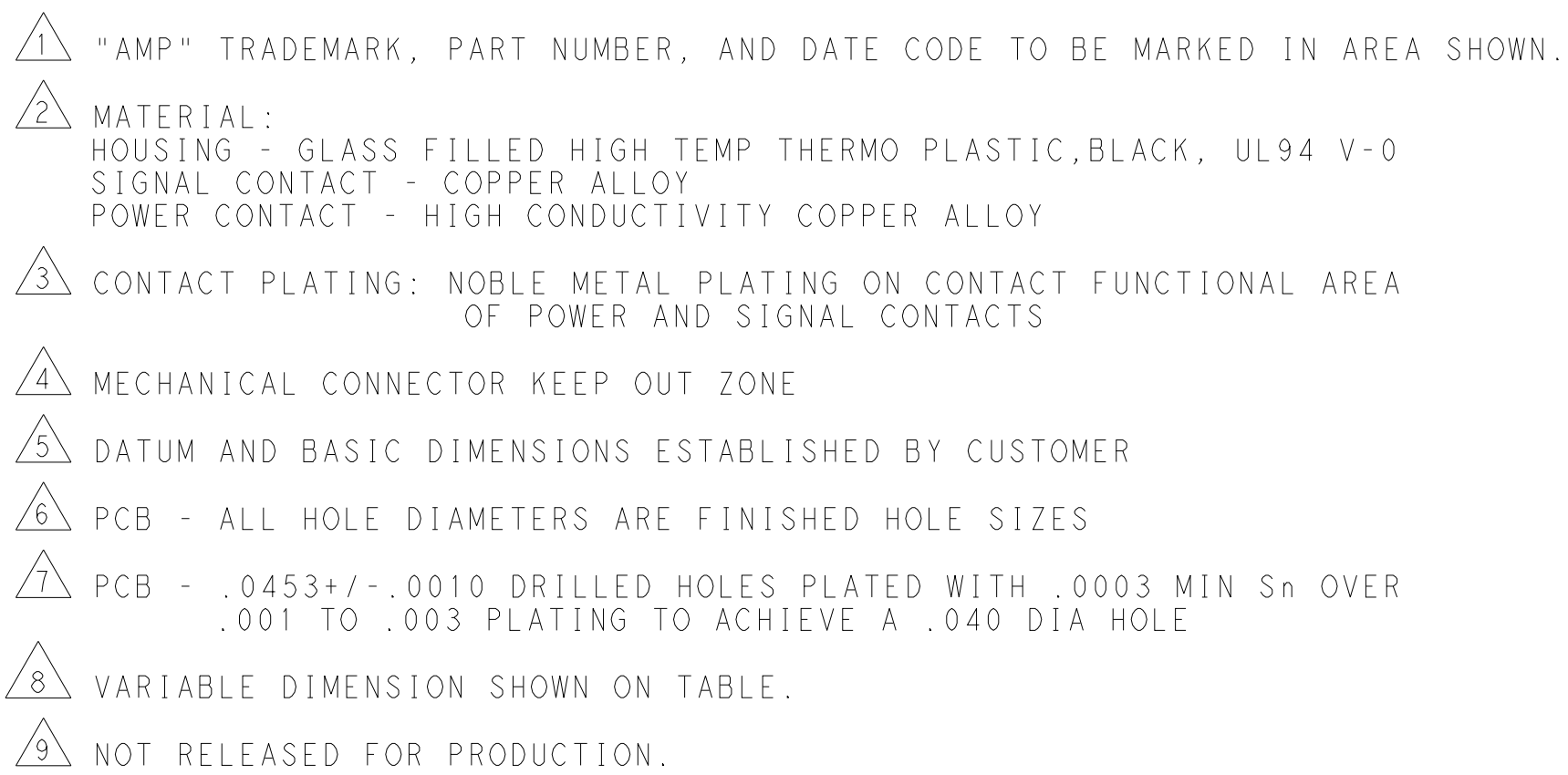




THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: GRZYBOWSKI 10FEB05 CHK: M. PERCHERKE 10FEB05 APP: M. PERCHERKE PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT: -		 TE Connectivity	
DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0.010 ±. 0.005 ±. 0.002 ±. ANGLES ±9° FINISH: -		NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL SIZE: CAGE CODE: DRAWING NO: A100779C6450132 RESTRICTED TO: -	
MATERIAL: - 		FINISH: - 		CUSTOMER DRAWING SCALE: 1:1 SHEET 1 OF 1 REV: E	

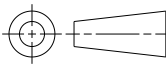
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-		SEE SHEET 1	-	-	-

E3

4.050		3.325	4.100	.450	4.400	4ACP + 9P + 32S	2-6450132-7
4.000	-	.375	4.050	-	4.350	148S	2-6450132-6
3.575		3.125	3.625	.450	3.925	5ACP+6HDP + 20S	2-6450132-5
2.950	.200	2.425	3.000	.450	3.300	10P + 24S	2-6450132-4
2.950	.200	2.425	3.000	.450	3.300	10P + 24S	2-6450132-3
3.350	.200	2.825	3.400	.450	3.700	12HDP + 24S	2-6450132-2
2.950	.200	2.425	3.000	.450	3.300	10P + 24S	2-6450132-1
2.150	.200	1.625	2.200	.450	2.500	6P + 24S	2-6450132-0
3.325		2.800	3.375	.425	3.675	3ACP + 6P + 24S	1-6450132-9
2.075	.300	1.550	2.125	.475	2.425	4ACP + 24S	1-6450132-8
4.000	-	.375	4.050	-	4.350	148S	1-6450132-7
2.300	.250	1.875	2.350	.450	2.650	6P + 20S	1-6450132-6
4.700	.250	3.925	4.750	.450	5.050	14P + 32S	1-6450132-5
2.825		2.300	2.875	.475	3.175	3ACP + 4P + 24S	1-6450132-3
2.900	.250	2.375	2.950	.450	3.250	8P + 24S	1-6450132-2
2.250	.250	1.975	2.300	.475	2.600	6P + 12S	6450132-8
2.675	.250	2.125	2.725	.450	3.025	7P + 24S	6450132-7
1.100	-	.575	1.150	.425	1.450	1P + 24S	6450132-6
2.925	.250	2.375	2.975	.450	3.275	8P + 24S	6450132-5
4.600	.250	3.875	4.650	.450	4.950	14P + 32S	6450132-4
3.000	.250	2.375	3.050	.450	3.350	8P + 28S	6450132-3
1.600	.250	1.375	1.650	.450	1.950	4P + 12S	6450132-2
1.600	.250	1.375	1.650	.450	1.950	4P + 12S	6450132-1
DIM U	DIM S	DIM W	DIM D	DIM K	DIM L	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES



MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01

1 PLC ±.01

2 PLC ±.005

3 PLC ±.005

4 PLC ±.0020

ANGLES ±2°

FINISH

-

DWN R.GRZYBOWSKI

CHK M.PERCHERKE

APVD M.PERCHERKE

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

10FEB05

10FEB05

-

NAME

RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL

SIZE

A1

CAGE CODE

00779

DRAWING NO

6450132

RESTRICTED TO

-

SCALE

1:1

SHEET

2

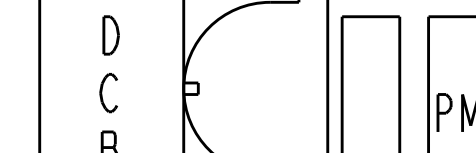
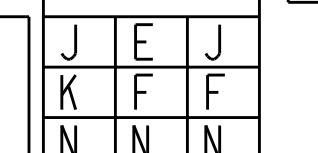
OF

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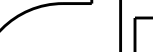
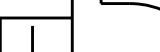
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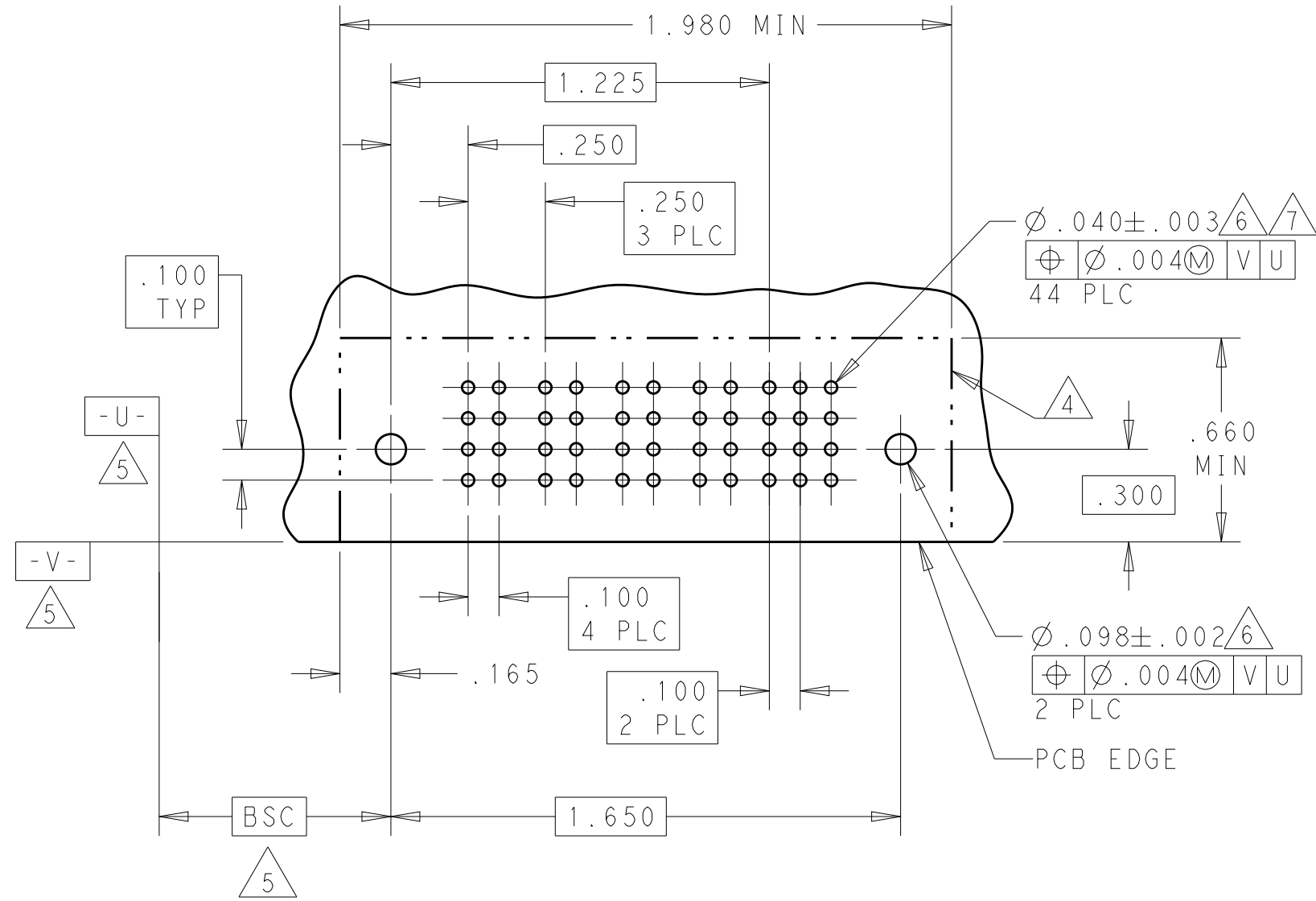
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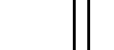
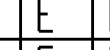
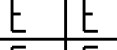
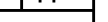
TE Connectivity

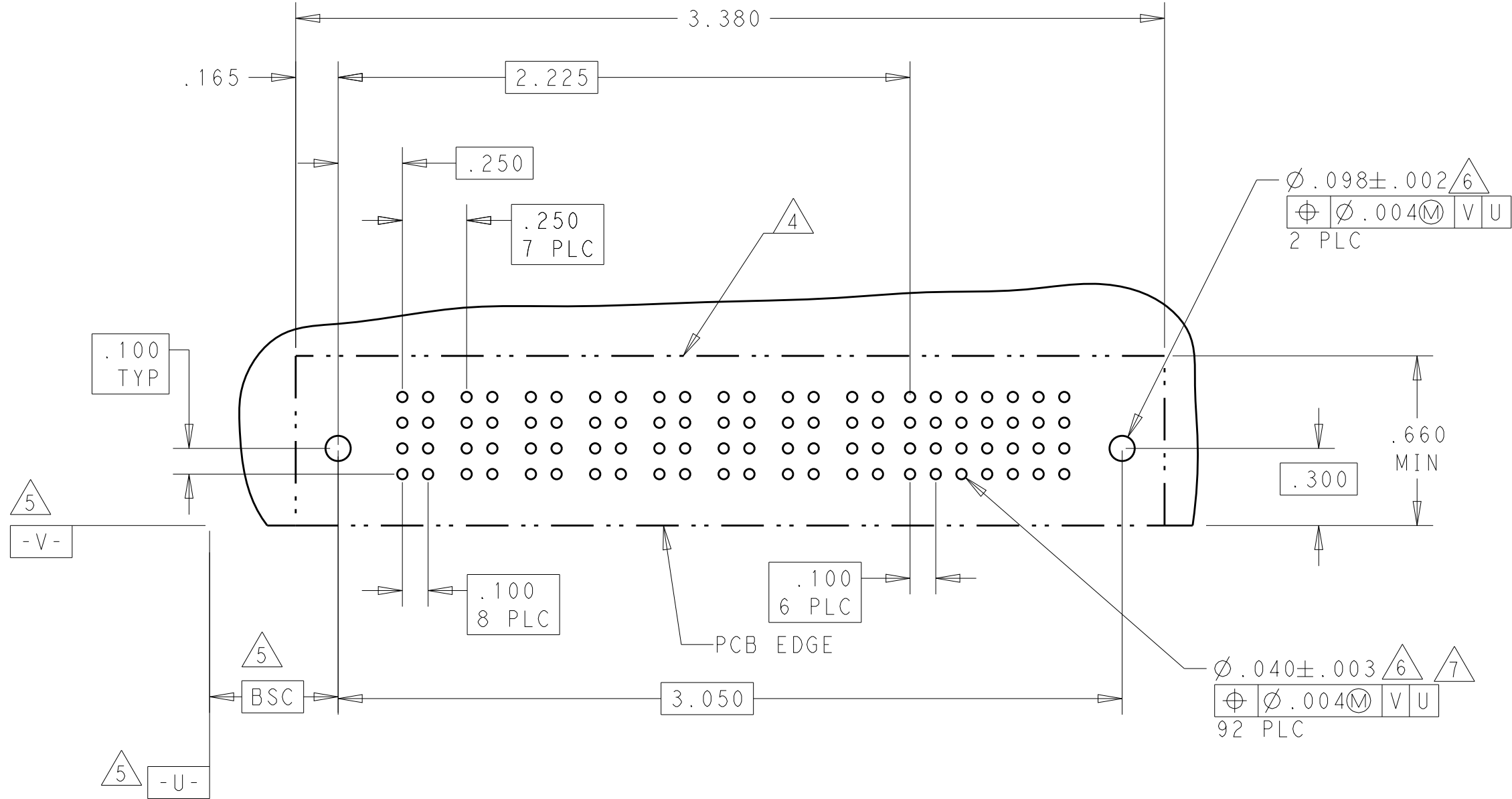
PART NUMBER	ROWS		POWER				SIGNAL			
			P1	P2	P3	P4	1	2	3	
6450132-1	D C B A						J	E	J	
							K	F	F	
							N	N	N	
							S	S	S	
4P + 12S										

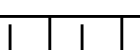
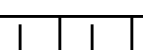
NO CONTACT LOADED

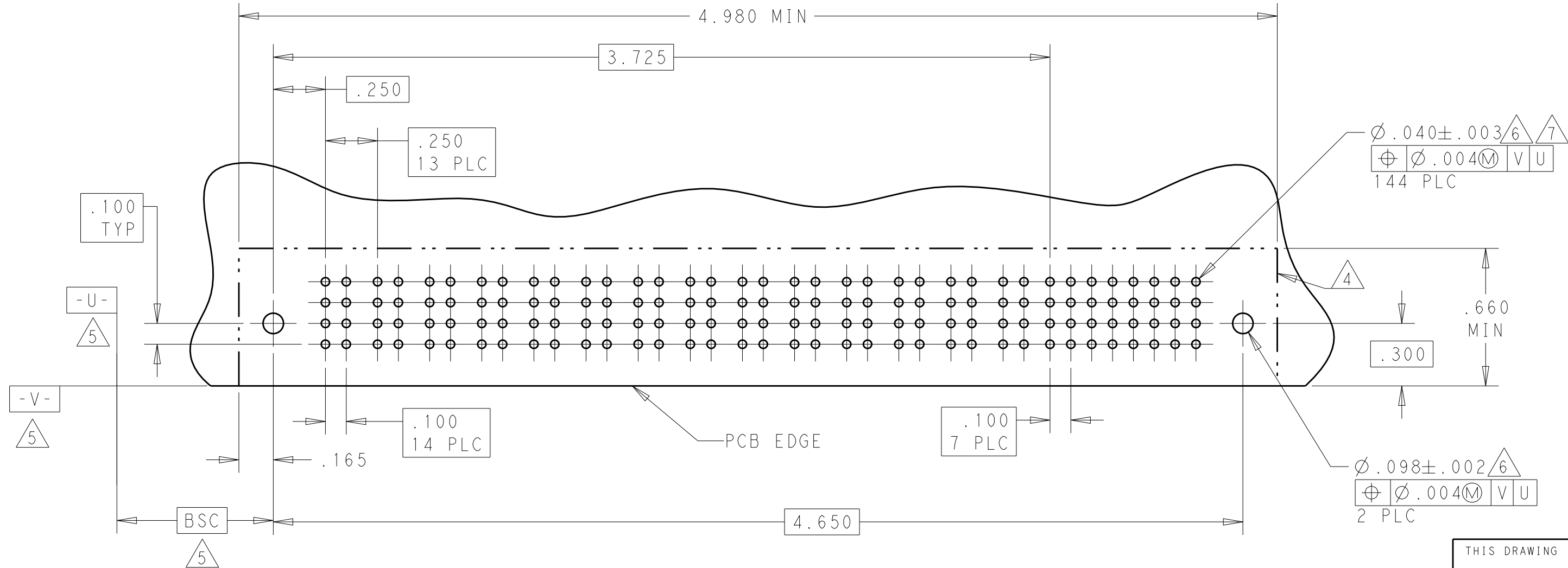
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6450132-2	D C B A					J	E	J		
						K	F	F		
						N	N	N		
						S	S	S		
4P + 12S										



PART NUMBER	ROWS		POWER								SIGNAL							
			P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	7	
6450132-3	D C B A									E	E	E	E	E	E	E		
										F	F	F	F	F	F	F		
										G	G	G	G	G	G	G		
										S	S	S	S	H	H	H		
8P + 28S																		



PART NUMBER	ROWS		POWER														SIGNAL											
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	1	2	3	4	5	6	7	8				
6450132-4	D C B A															J	J	J	E	J	J	J	J					
																K	K	K	F	K	K	K	K					
																N	N	N	N	N	N	N	N					
																S	S	S	S	S	S	S	S					
14P + 32S																												



PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	

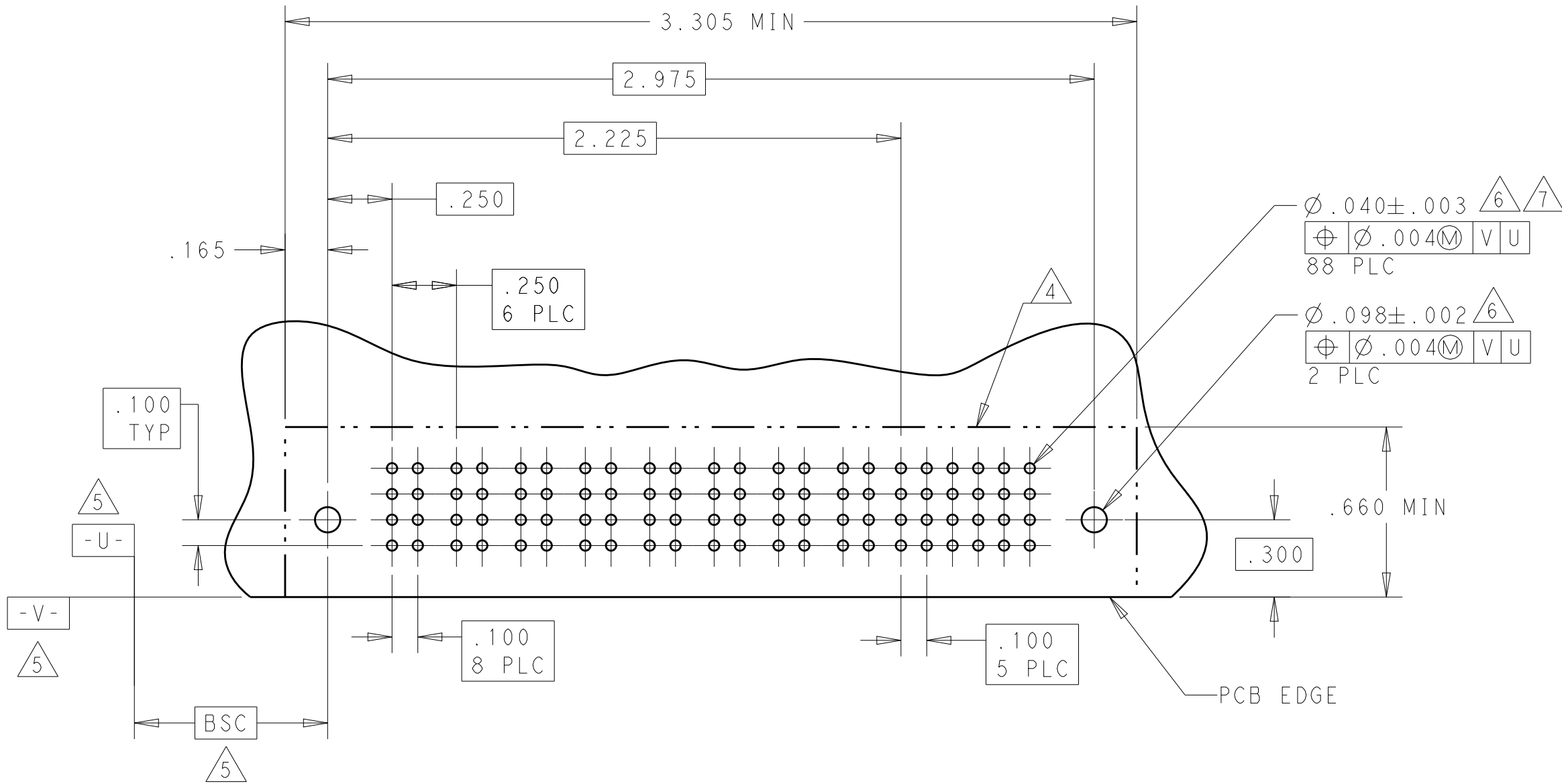
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
A4	MLBF	.090	D
A3	MLBF	.090	C
A2	MLBF	.090	B
A1	MLBF	.090	A
E	MLBF	.135	D
F	MLBF	.135	C
G	MLBF	.135	B
H	MLBF	.135	A
J	STD	.135	D
K	STD	.135	C
N	STD	.135	B
S	STD	.135	A
CODE	MATING SEQUENCE	TAIL LENGTH	ROW
SIGNAL CONTACT			

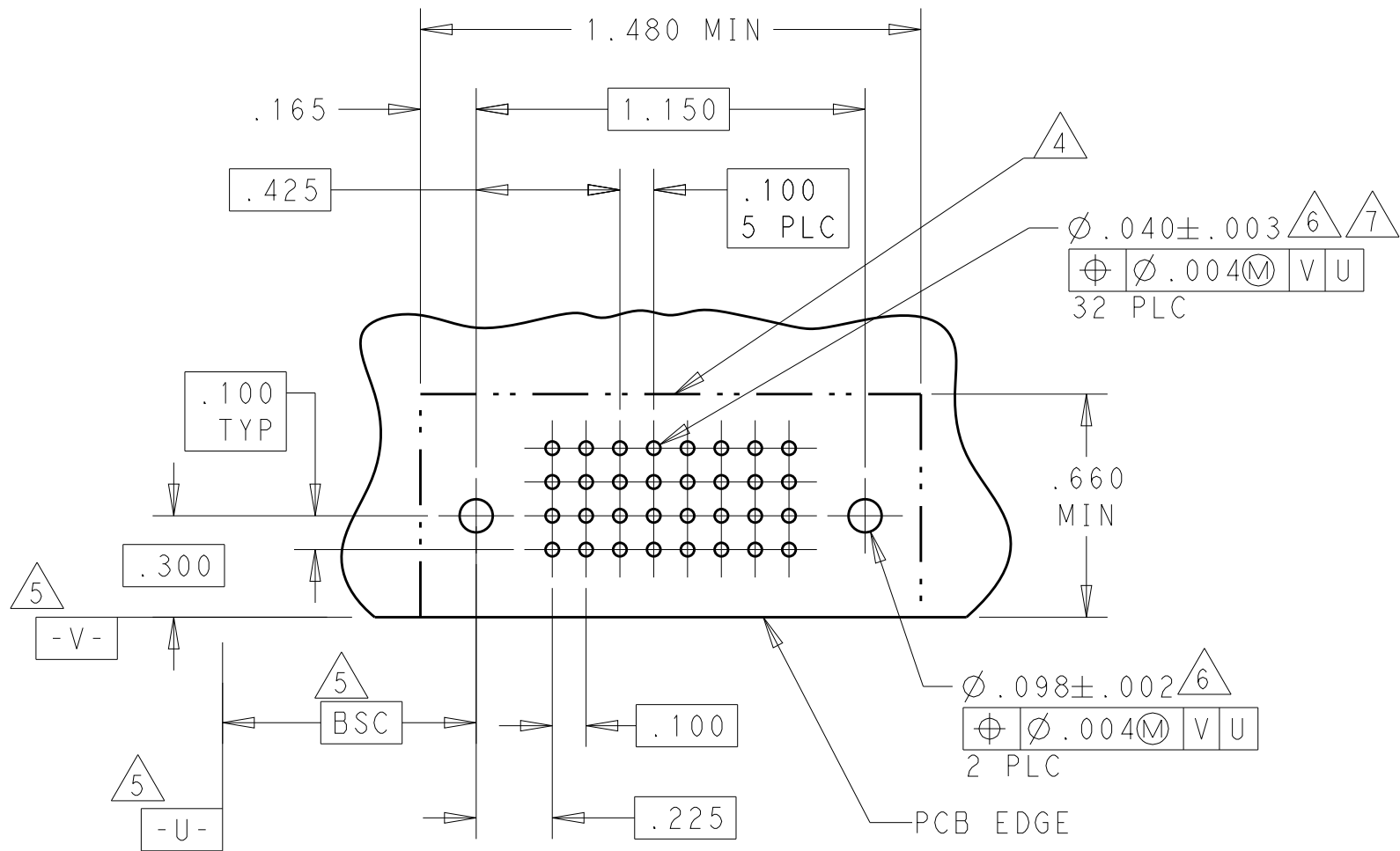
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	10FEB05	TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE	10FEB05	RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE	-	NAME	
0 PLC ±.01		PRODUCT SPEC		SIZE	
1 PLC ±.01		108-1973		CAGE CODE	
2 PLC ±.01		APPLICATION SPEC		DRAWING NO	
3 PLC ±.005		114-13038		RESTRICTED TO	
4 PLC ±.0020		WEIGHT		A100779	
ANGLES FINISH		CUSTOMER DRAWING		SCALE 1:1	
				SHEET 3 OF 11	
				REV E3	

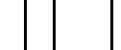
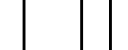
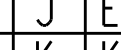
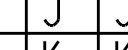
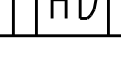
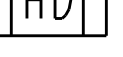
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		P	LTR	DESCRIPTION	DATE	DWN	APVD
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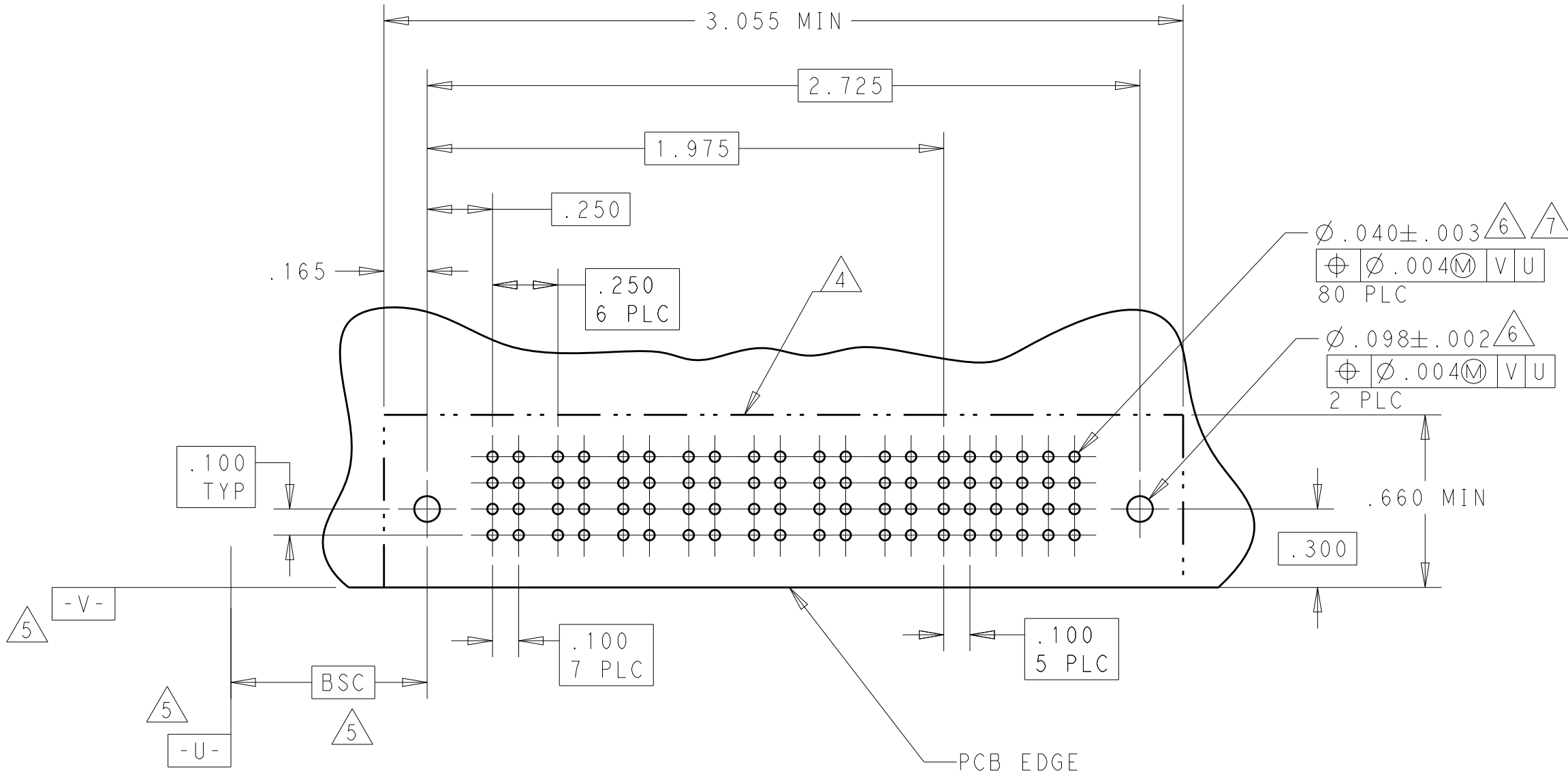
PART NUMBER	ROWS		POWER								SIGNAL						
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6450132-5	D C B A	HD	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	E	E	
											K	K	K	K	F	F	
											N	N	N	N	G	G	
											S	S	S	S	H	H	
8P + 24S																	

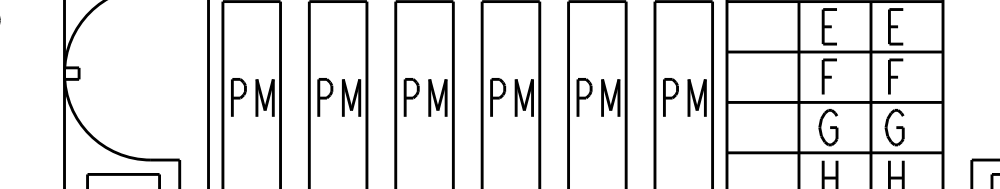
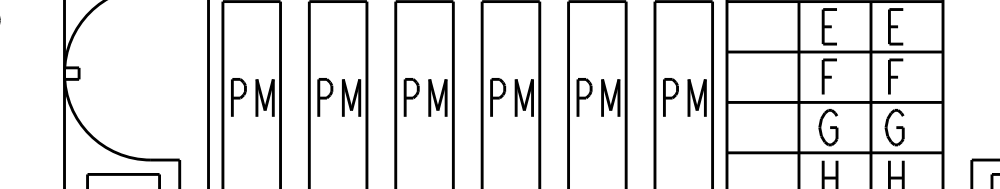


PART NUMBER	ROWS			POWER	SIGNAL						
				PI	1	2	3	4	5	6	
6450132-6	D C B A			PM	E	E	E	E	E	J	
					F	F	F	F	F	F	
					G	G	G	G	G	G	
					H	H	H	H	H	H	
IP + 24S											

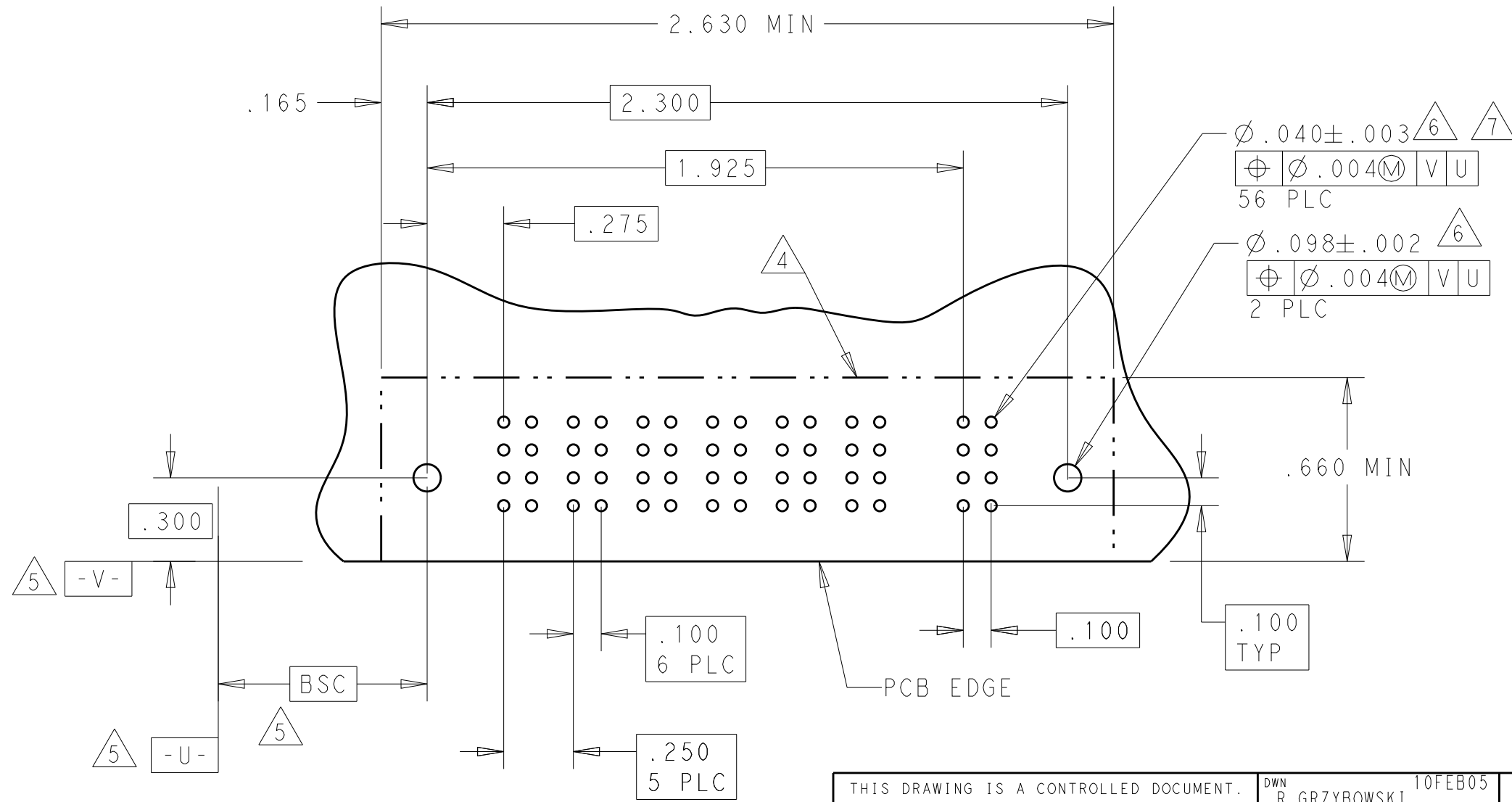


PART NUMBER	ROWS		POWER							SIGNAL						
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6450132-7	D C B A							J	J	E	J	J	J			
								K	K	K	K	K	K			
								N	N	N	N	N	N			
								S	S	S	S	S	S			
7P + 24S																



PART NUMBER	ROWS		POWER						SIGNAL			
			P1	P2	P3	P4	P5	P6	1	2	3	
6450132-8	D C B A		PM	PM	PM	PM	PM	PM		E	E	
										F	F	
										G	G	
										H	H	
6P + 12S												

NO CONTACTS LOADED
IN THIS COLUMN



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI
CHK: M. PERCHERKE
APVD: M. PERCHERKE

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±.01
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.002
ANGLES ±.002

MATERIAL: -
FINISH: -

10FEB05
10FEB05

NAME: -
PRODUCT SPEC: -
108-1973
APPLICATION SPEC: -
114-13038

WEIGHT: -
CUSTOMER DRAWING

TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY W/GUIDES
MULTI-BEAM XL

SIZE: A1
CAGE CODE: 100779
DRAWING NO: 6450132

RESTRICTED TO: -
SCALE: 1:1
SHEET: 4 OF 11
REV: E3

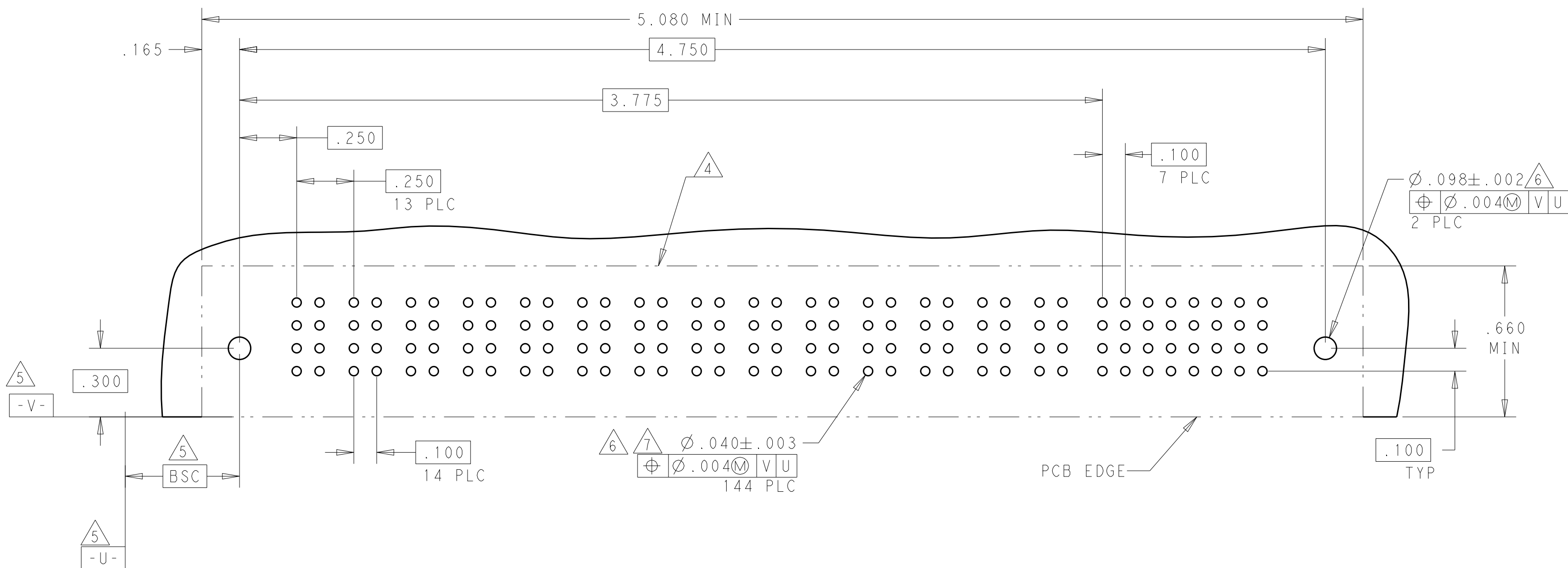
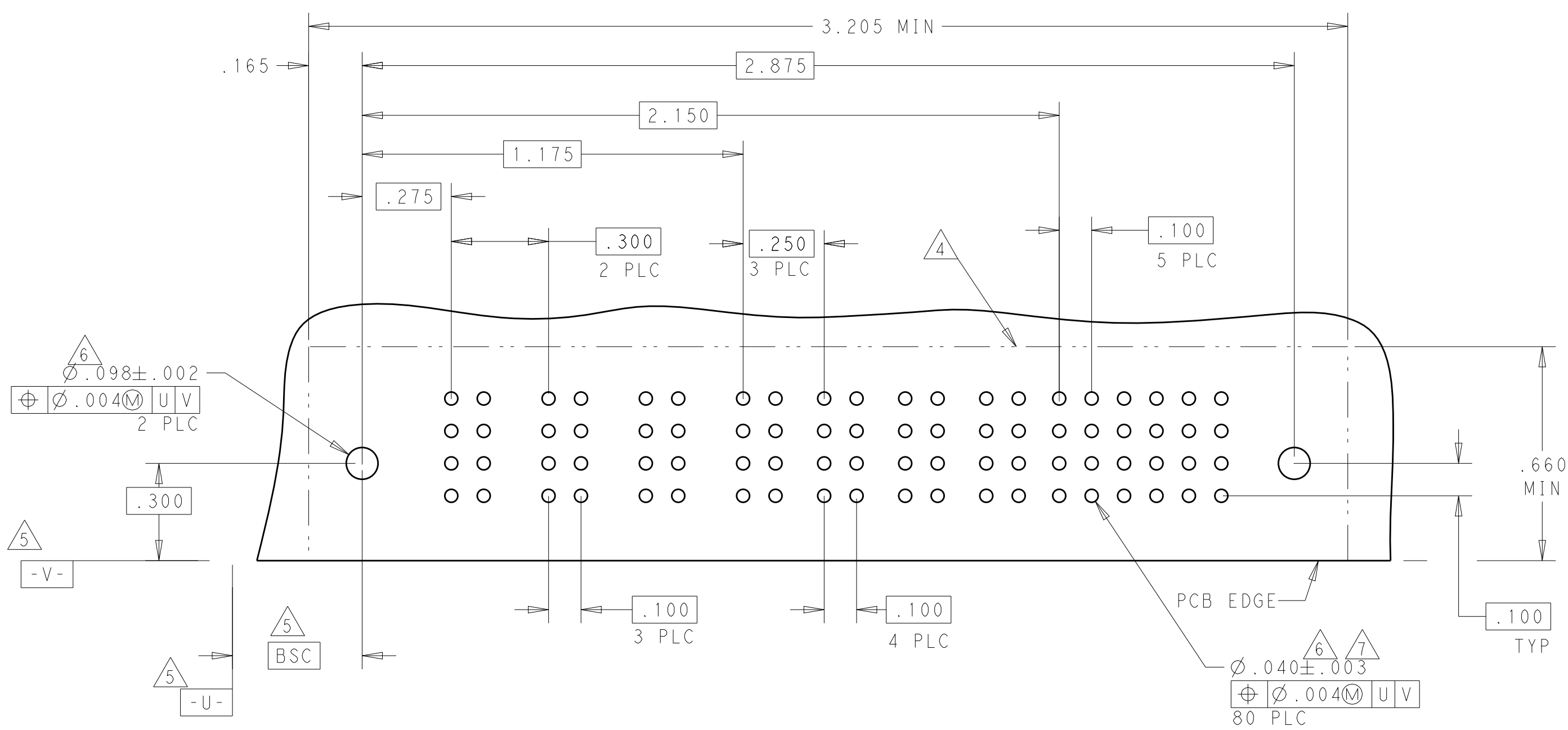
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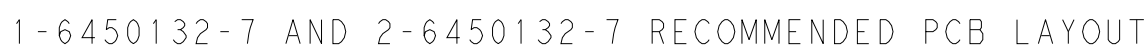
Diagram illustrating a ladder logic circuit with two parallel normally open contacts. The left branch contains a contact labeled $\frac{8}{3 \text{ PLC}}$ with a value of .300. The right branch contains a contact labeled $\frac{8}{3 \text{ PLC}}$ with a value of .250. The output coil is represented by a circle with a diagonal line through it.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: GRZYBOWSKI 10FEB05 CHK: M. PERCHERKE 10FEB05		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS: ±.01 FRACTIONS: ±.005 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: 100779C-6450132	
MATERIAL: -		FINISH: - WEIGHT: -		RESTRICTED TO: -	
		CUSTOMER DRAWING		SCALE: 1:1 SHEET: 5 OF 11 REV: E	

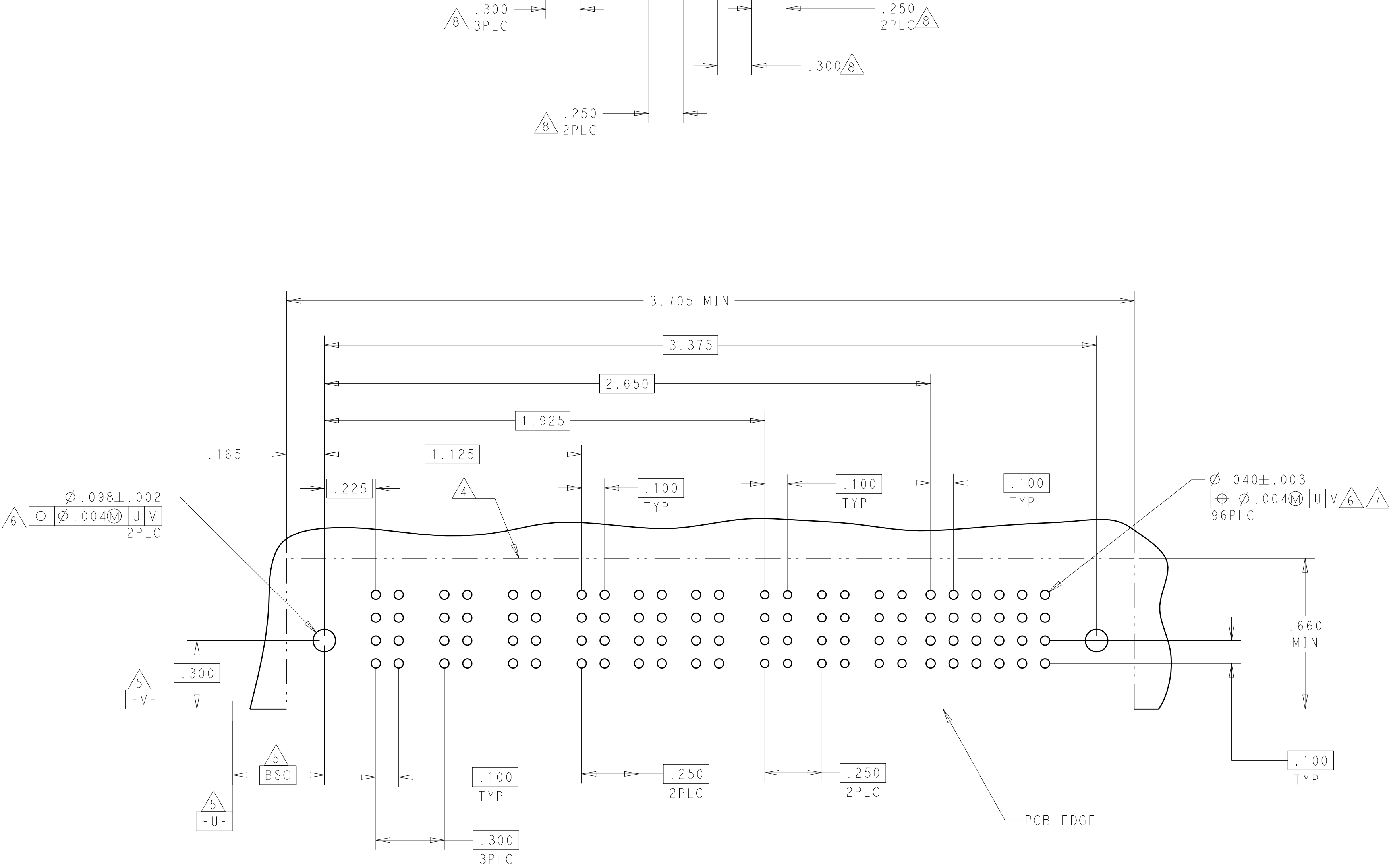
PART NUMBER	ROWS		SIGNAL																SIGNAL																				
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2-6450132-6	D C B A		J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J		
			K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	
			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	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
148S																																							

E2

[illegible]4805 (3/11)

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

PART NUMBER	ROWS		POWER									SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	
1-6450132-9	D	HD	PM	PM	PM	PM	PM	PM	PM	PM	J	E	J	J	J	J		
	K										K	K	K	K	K			
	N										N	N	N	N	N			
	S										S	S	S	S	S			
3ACP + 6P + 24S																	HD	



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

R. GRZYBOWSKI

10FEB05

CHK

M. PERCHERKE

10FEB05

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

±"

1 PLC

±.01

2 PLC

±.01

3 PLC

±.005

4 PLC

±.0020

ANGLES

#2°

FINISH

-

MATERIAL

-

CUSTOMER DRAWING

DWN

R. GRZYBOWSKI

10FEB05

CHK

M. PERCHERKE

10FEB05

APVD

M. PERCHERKE

-

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

NAME

RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL

SIZE

CAGE CODE

DRAWING NO

A100779

C=6450132

RESTRICTED TO

-

SCALE

1:1

SHEET

7

OF

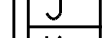
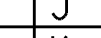
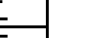
11

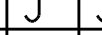
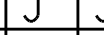
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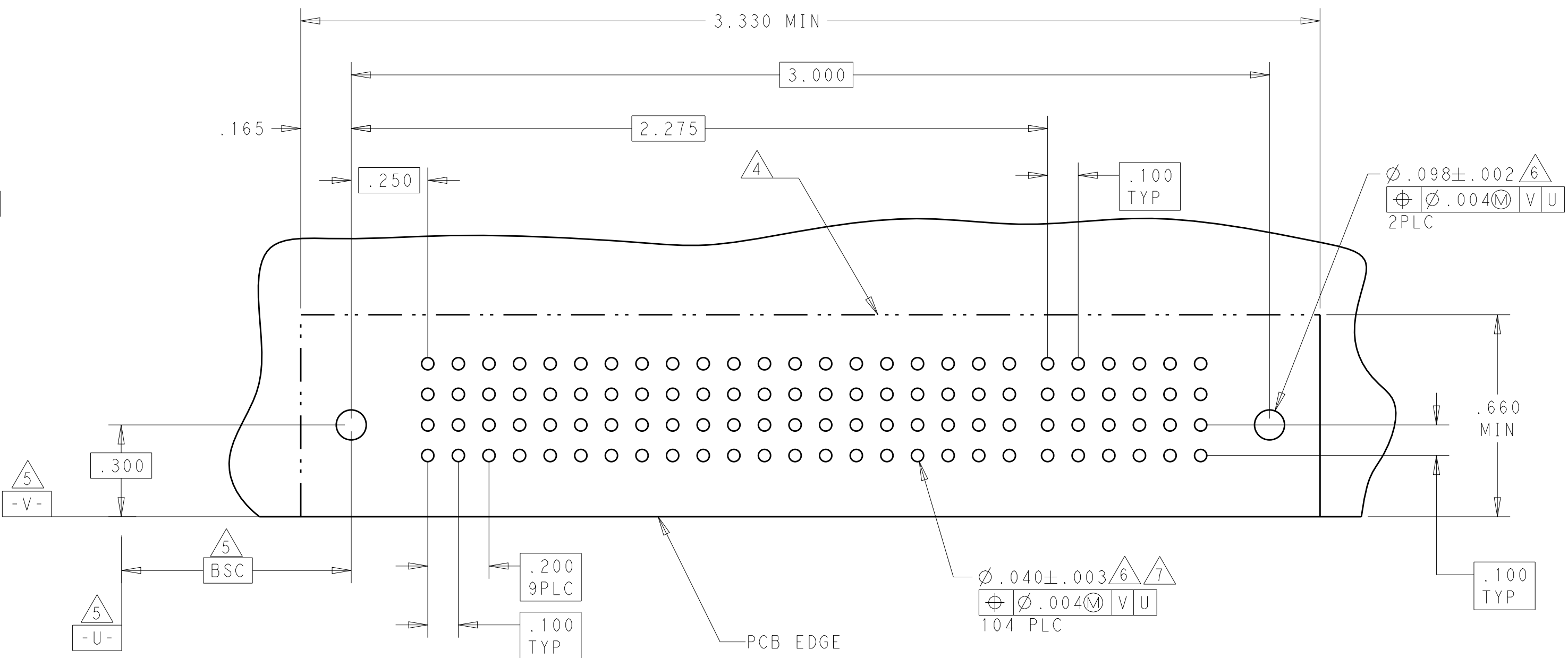
E3

TE

TE Connectivity

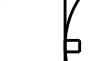
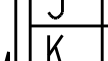
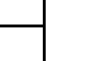
PART NUMBER	ROWS		POWER										SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6	
2-6450132-1	D C B A																		
10P + 24S																			

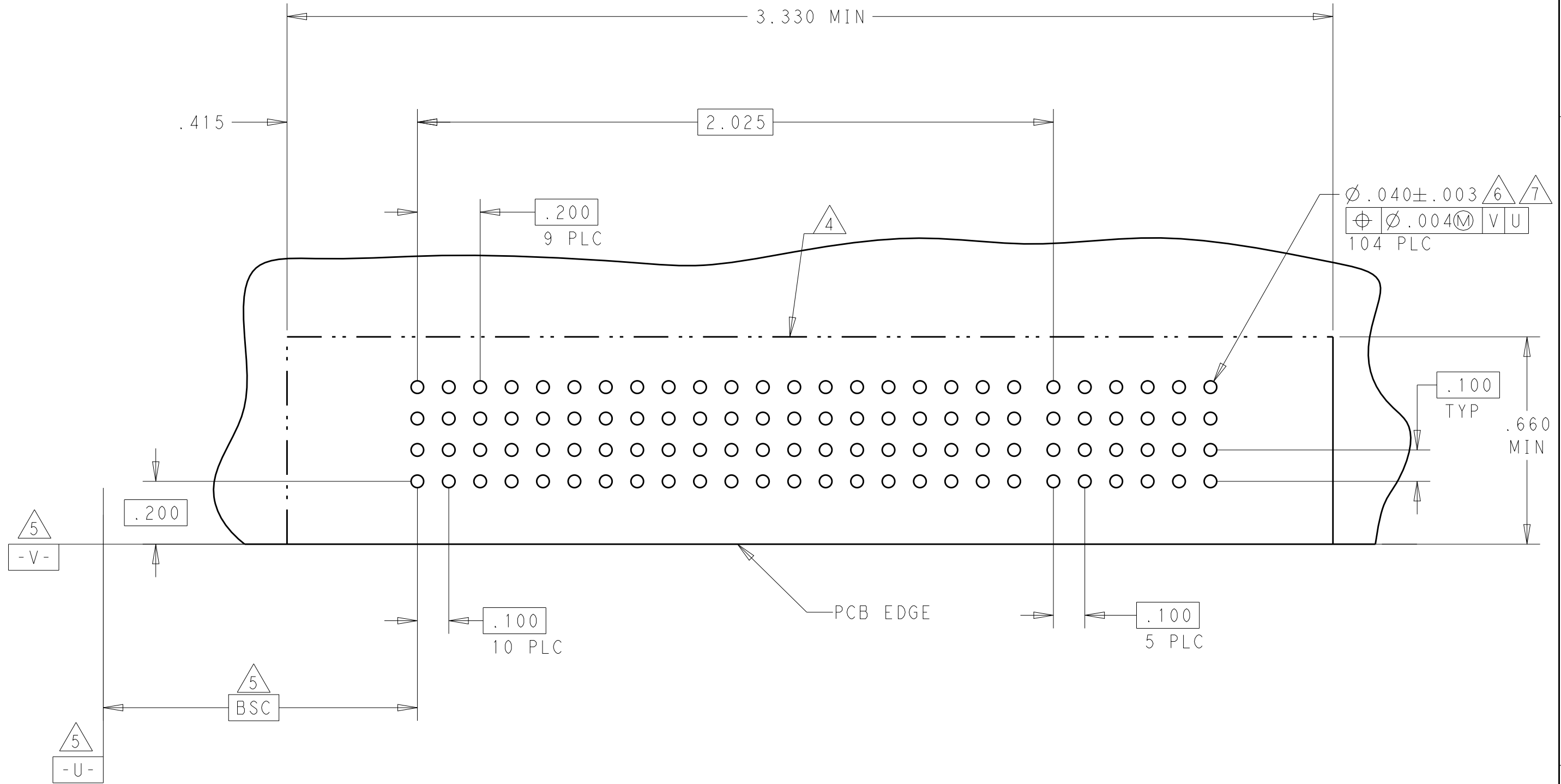
PART NUMBER	ROWS		POWER										SIGNAL																																																																																																																																																																																																																																																																																																
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2-6450132-3	D C B A	 	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 J	 E	 J	 J	 J	 J	 J	 K	 F	 K	 K	 K	 K	 N	 N	 N	 N	 N	 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



2-6450132-1 AND 2-6450132-3 PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. GRZYBOWSKI	10FEB05	 TE Connectivity	
		CHK M. PERCHERKE	10FEB05		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
		EXCD M. PERCHERKE PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CAGE CODE DRAWING NO A100779C-6450132	
MATERIAL -		FINISH -		RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE 1:1	
				SHEET 8 of 11	
				REV E	

PART NUMBER	ROWS		POWER										SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6	
2-6450132-4	D C B A																		
10P + 24S																			

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PART NUMBER	ROWS		POWER						SIGNAL					
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	
1-6450132-6	D							J	J	J	J	J		
	K							K	K	K	K			
	N							N	N	N	N			
	H							S	S	S	S			
6P + 20S														

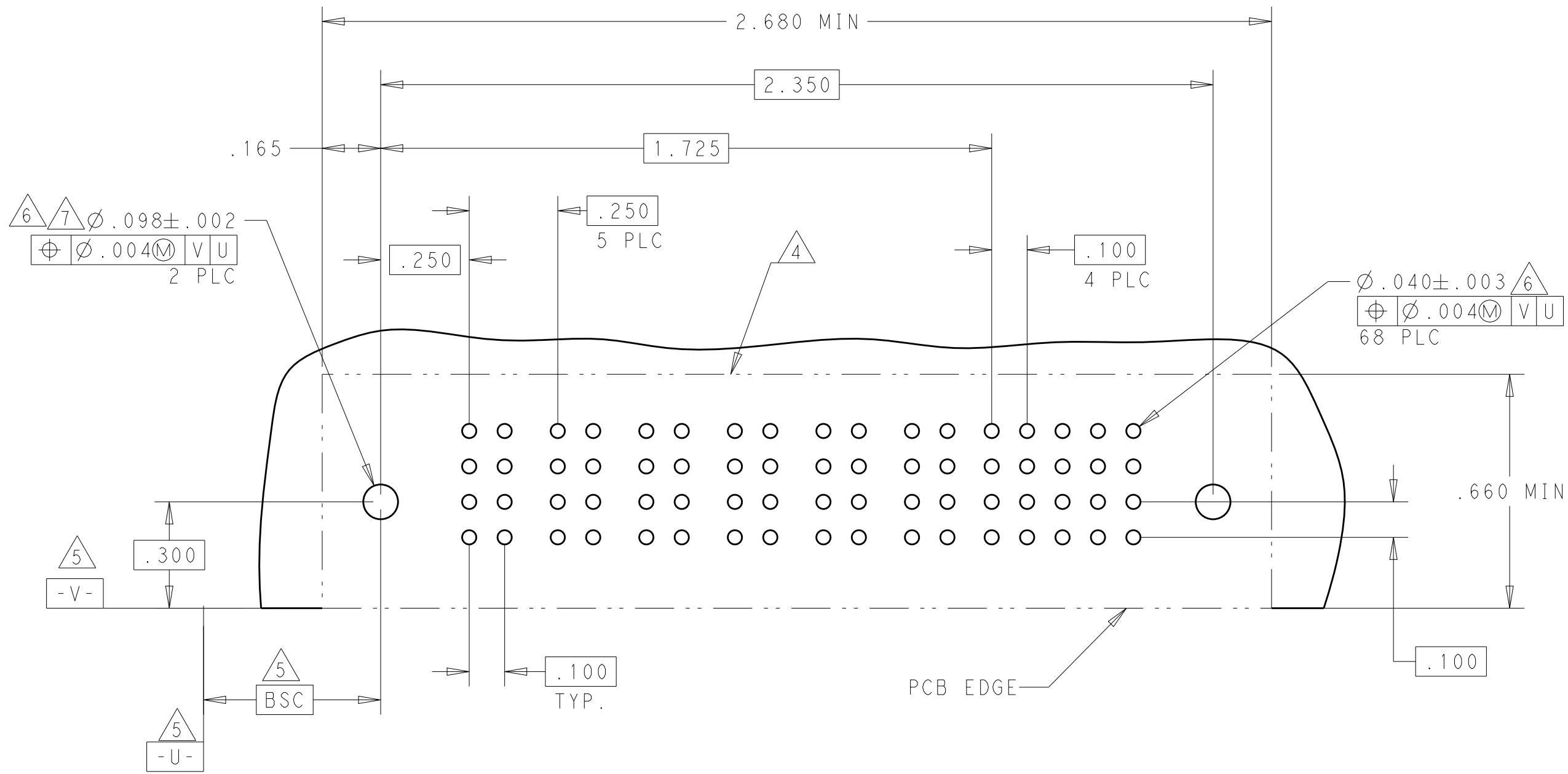
4805 (3/11)

Diagram illustrating a PLC system configuration. It shows two PLCs connected via a common vertical bus. The left PLC has a .300 output connected to a .200 input of the right PLC. Both PLCs have a .200 output connected to the common bus. The bus is connected to a .200 input of the right PLC and a .200 output of the left PLC.

