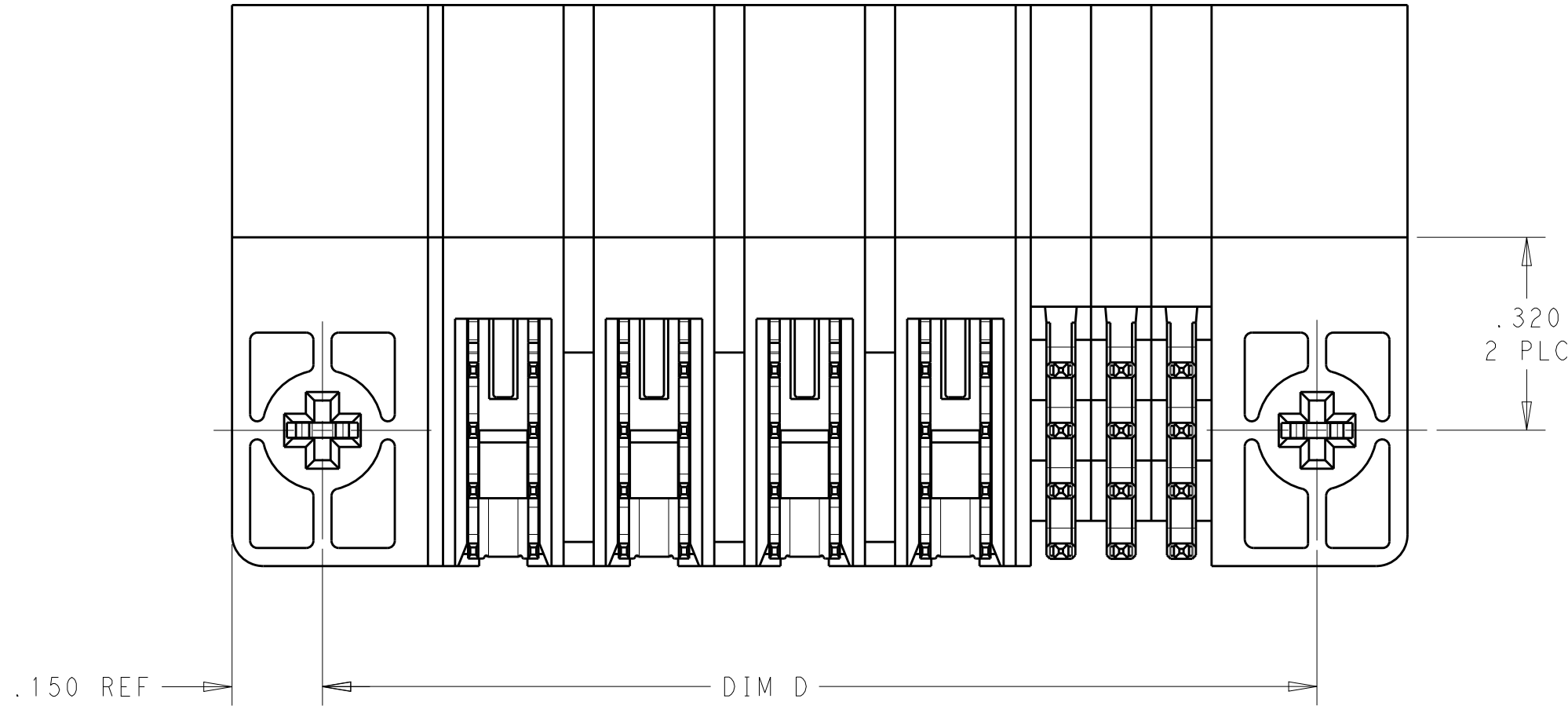
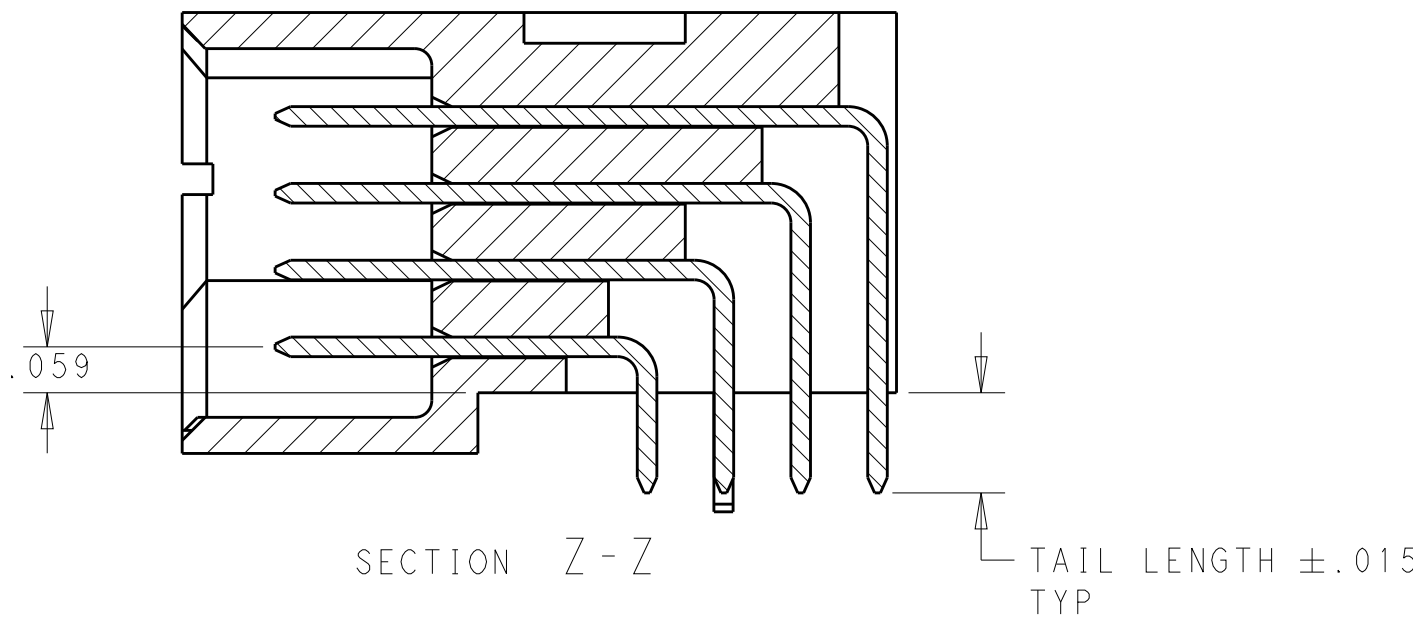
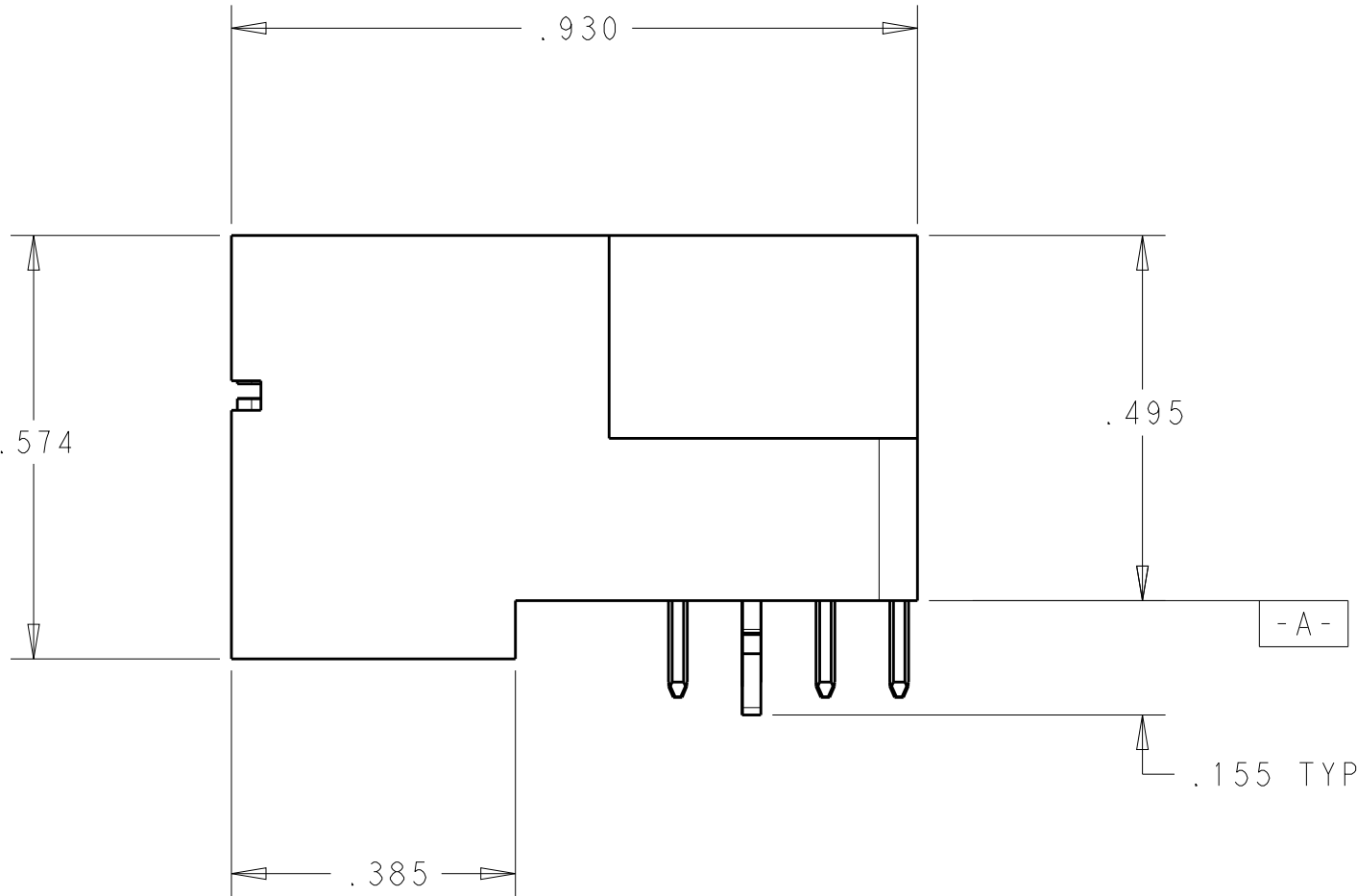
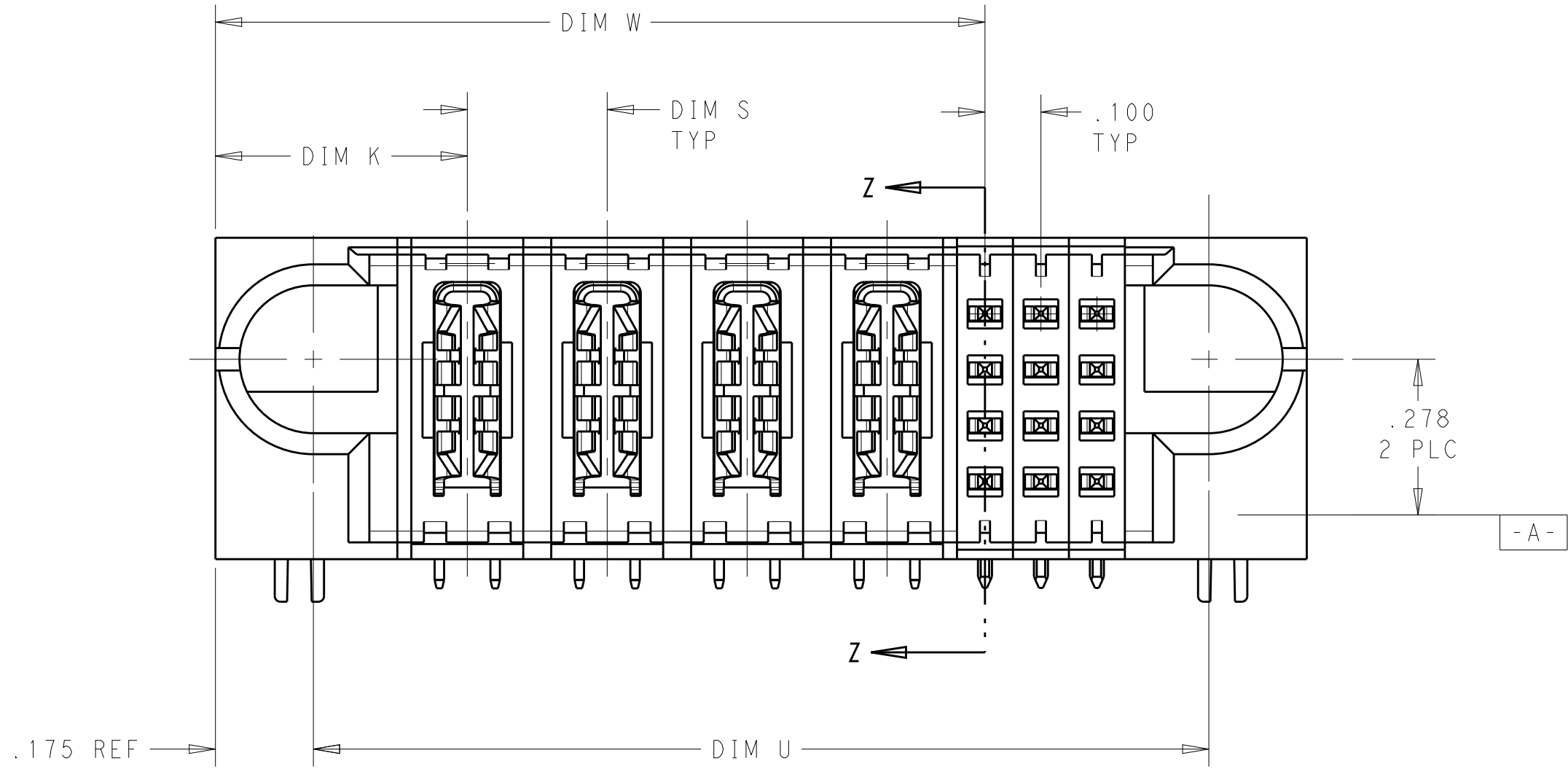
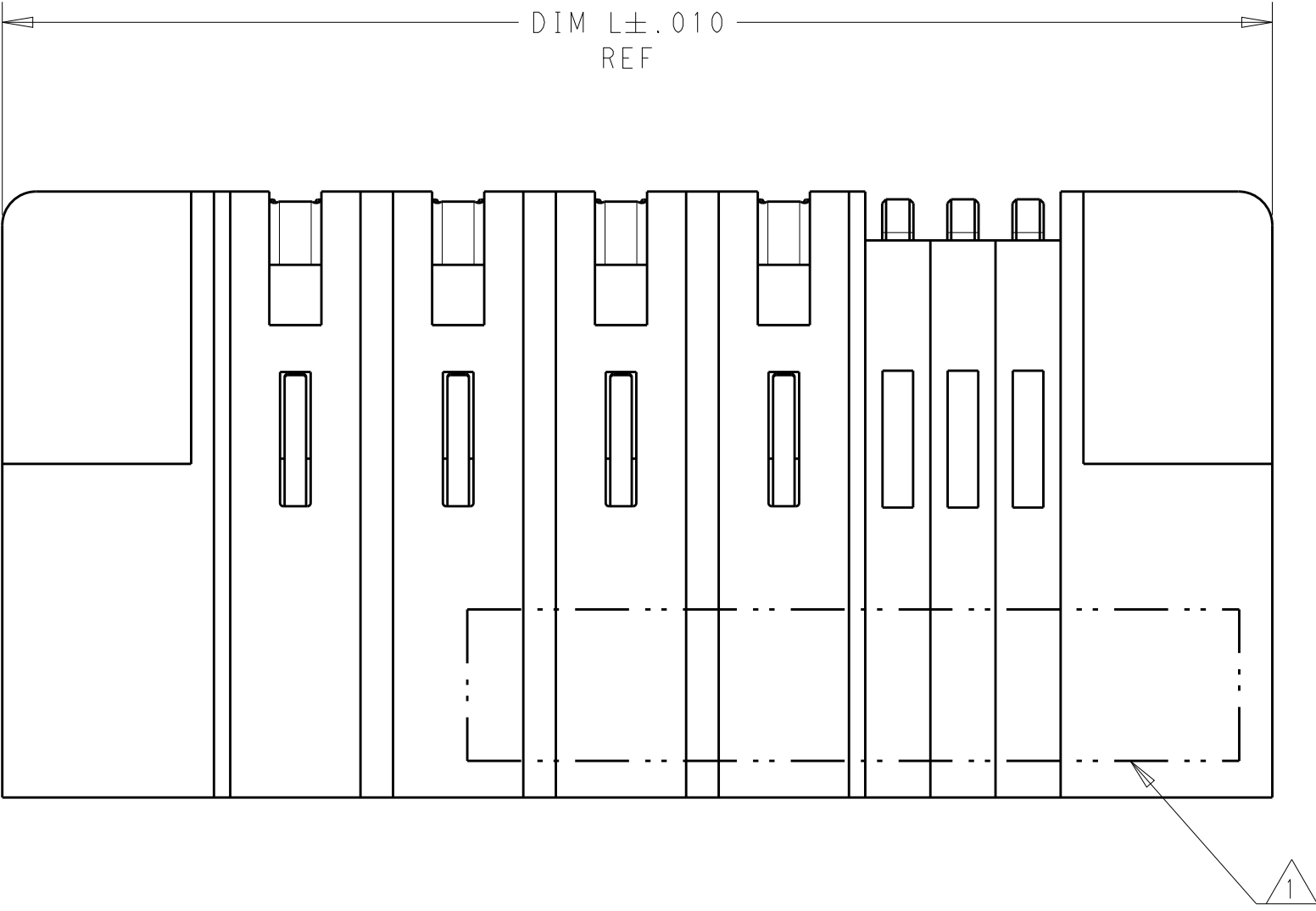


LOC		DIST		REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		E3		ADD NEW DASH NUMBER	27DEC2013	AL	SZ	

- 1 "AMP" TRADEMARK, PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- 2 MATERIAL:
HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC,BLACK, UL94 V-0
SIGNAL CONTACT - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 3 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
- 4 MECHANICAL CONNECTOR KEEP OUT ZONE
- 5 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- 6 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- 7 PCB - .0453+/- .0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 PLATING TO ACHIEVE A .040 DIA HOLE
- 8 VARIABLE DIMENSION SHOWN ON TABLE.
- 9 NOT RELEASED FOR PRODUCTION.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 10FEB05	TE Connectivity	
		CHK M.PERCHEKKE 10FEB05		
DIMENSIONS:		APVD M.PERCHEKKE	NAME	
INCHES		PRODUCT SPEC	RIGHT ANGLE HEADER ASSEMBLY W/GUIDES	
		108-1973	MULTI-BEAM XL	
		APPLICATION SPEC		
		114-13038		
		FINISH		
MATERIAL		WEIGHT	A100779C=6450132	
		CUSTOMER DRAWING	SCALE 1:1 SHEET 1 OF 11 REV E3	

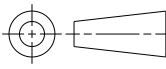
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

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



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

10FEB05
10FEB05

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
6450132

RESTRICTED TO
-

SCALE
1:1

SHEET
2

OF
11

REV
E3

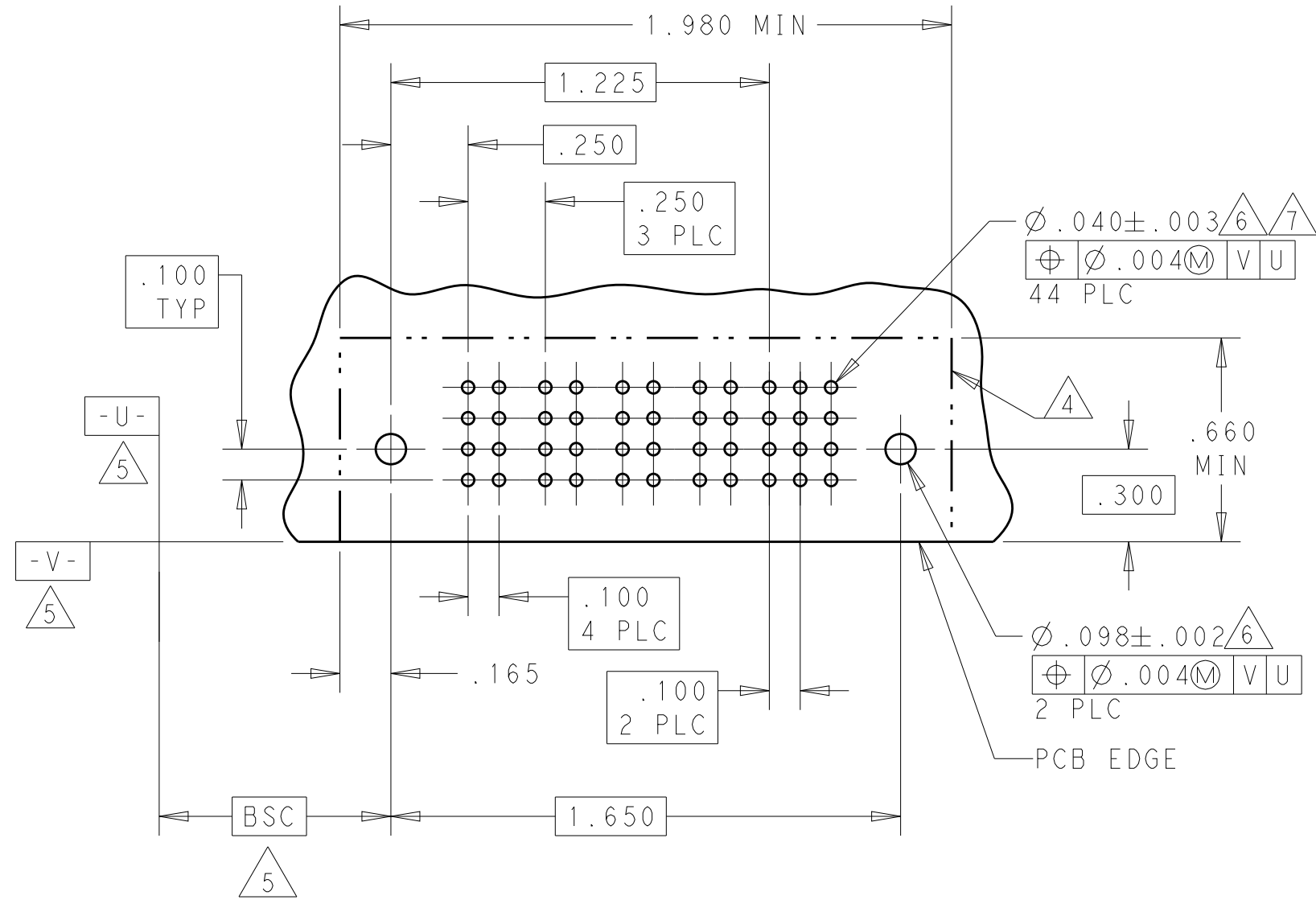
TE

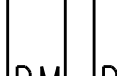
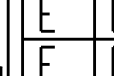
TE Connectivity

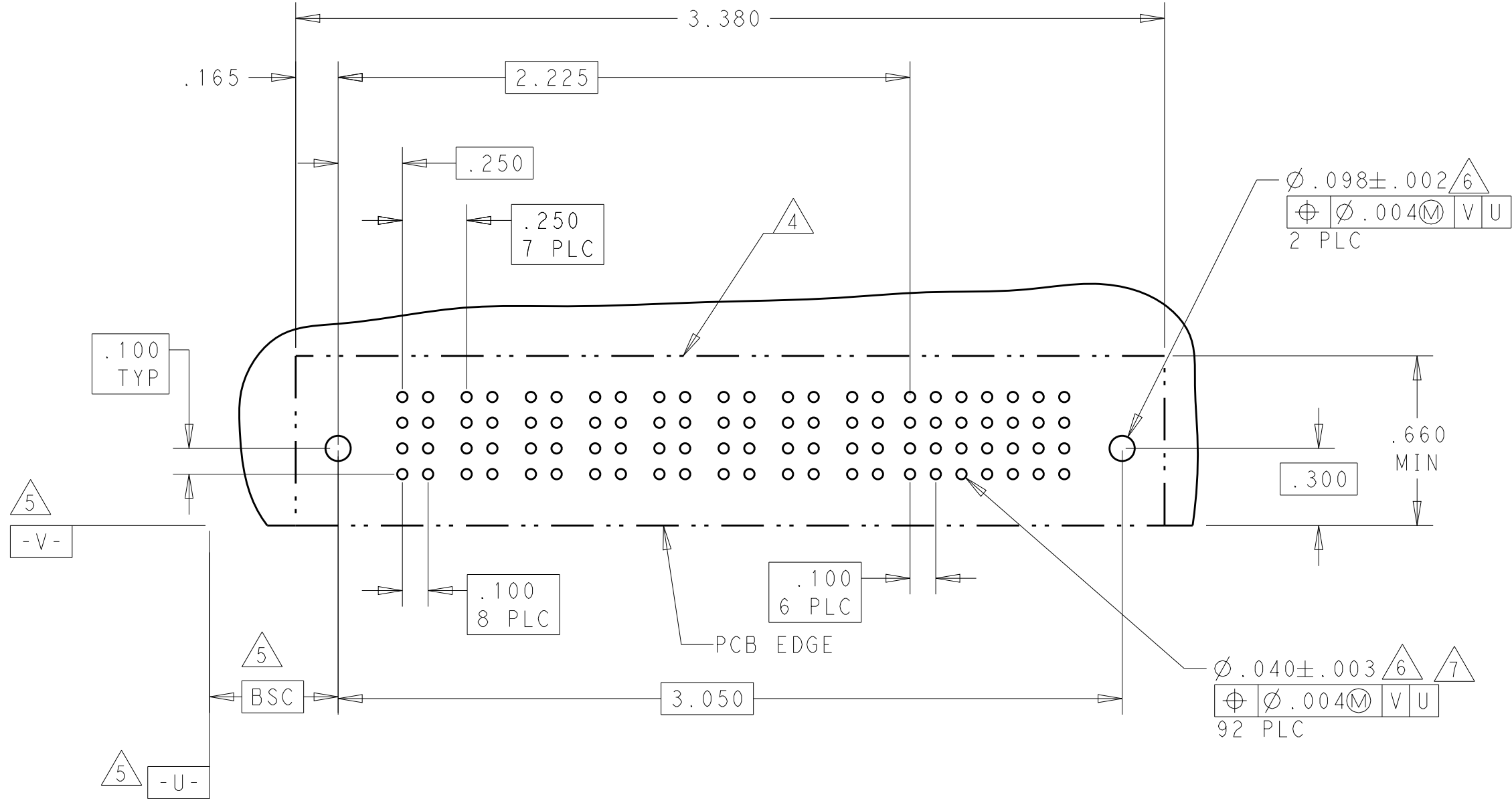
PART NUMBER	ROWS		POWER				SIGNAL			
			P1	P2	P3	P4	1	2	3	
6450132-1	D C B A					J	E	J		
						K	F	F		
						N	N	N		
						S	S	S		
4P + 12S										

NO CONTACT LOADED

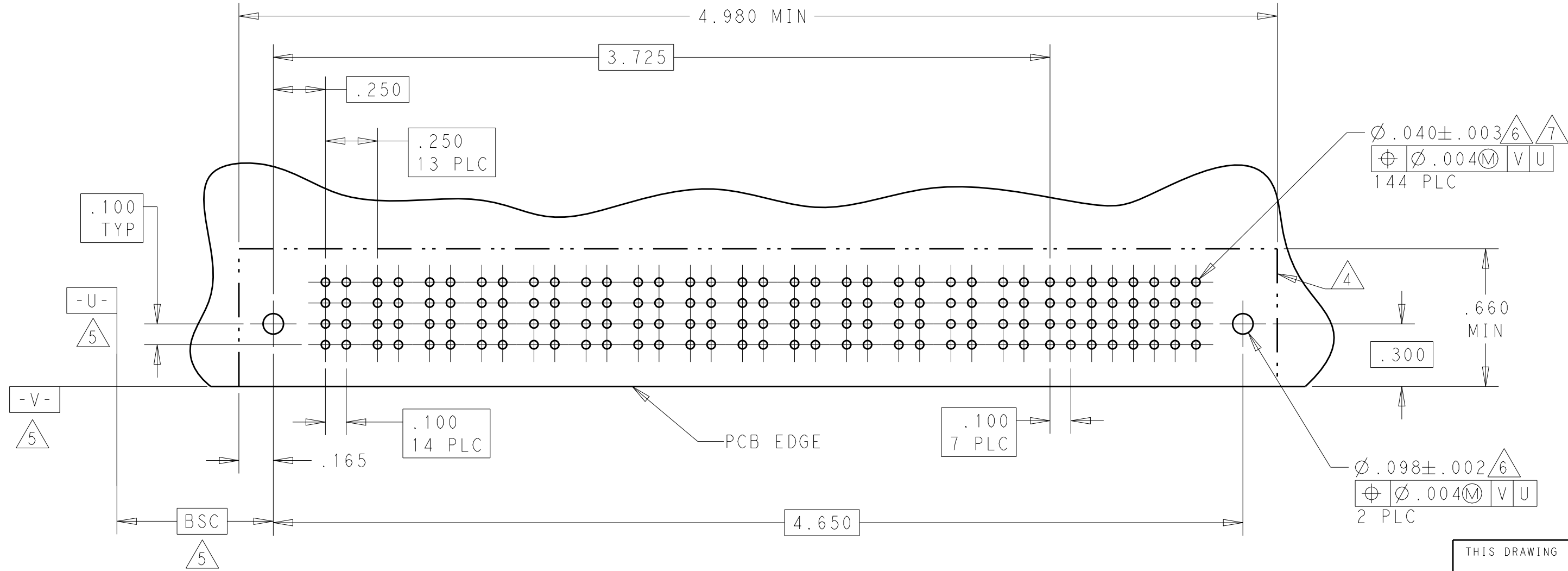
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6450132-2	D C B A					J	E	J		
						K	F	F		
						N	N	N		
						S	S	S		
4P + 12S										



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	F	
										G	G	G	G	G	G	G	G	
										S	S	S	S	H	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	HD	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	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																									

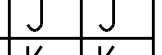


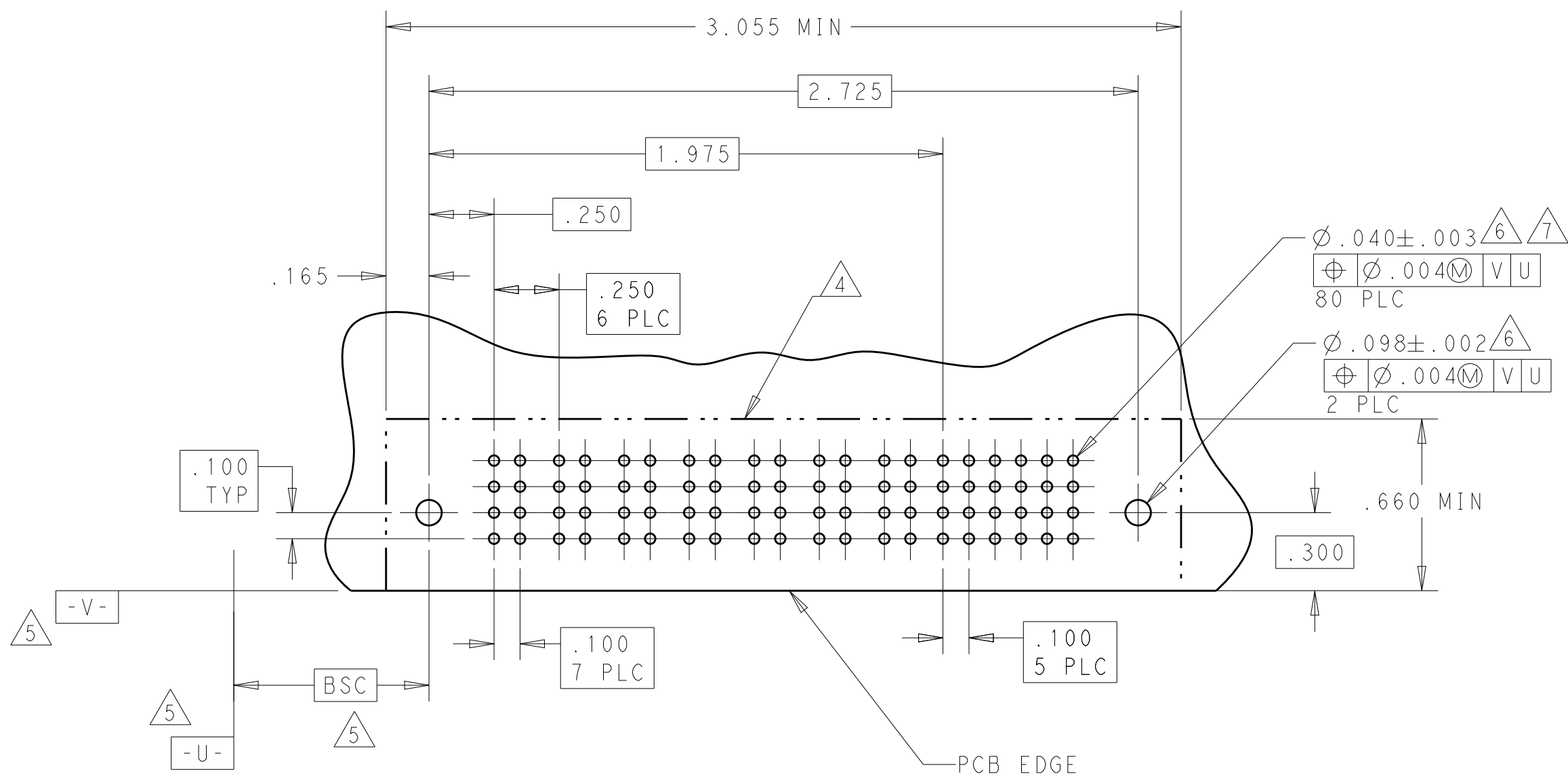
PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	

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

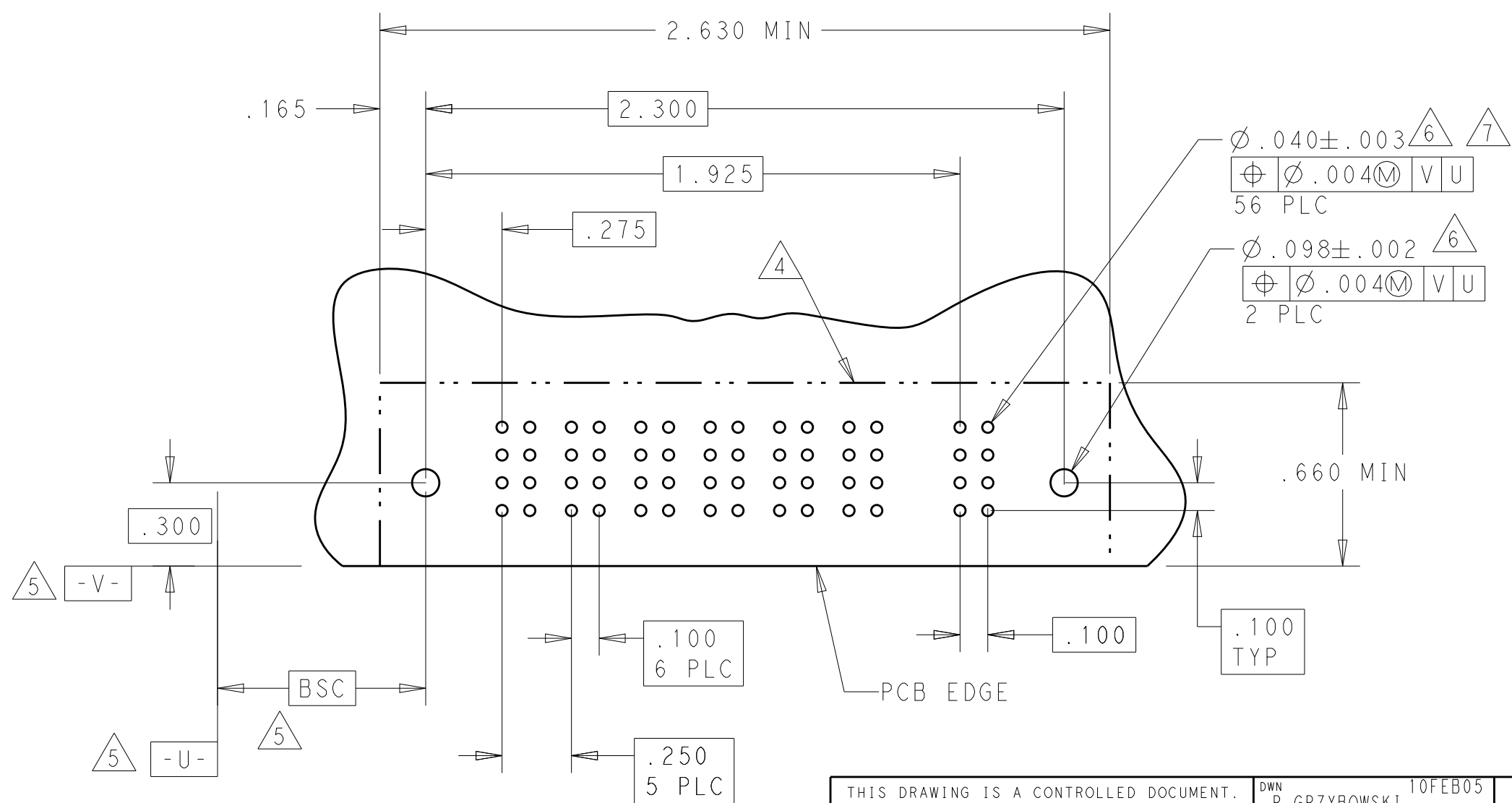
Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
A4	MLBF	.090	D
A3	MLBF	.090	C
A2	MLBF	.090	B
A1	MLBF	.090	A
E	MLBF	.135	D
F	MLBF	.135	C
G	MLBF	.135	B
H	MLBF	.135	A
J	STD	.135	D
K	STD	.135	C
N	STD	.135	B
S	STD	.135	A
CODE	MATING SEQUENCE	TAIL LENGTH	ROW
SIGNAL CONTACT			

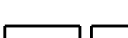
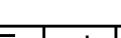
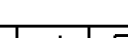
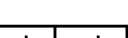
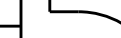
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	10FEB05	TE Connectivity	
DIMENSIONS:		CHK M. PERCHERKE	10FEB05	RIGHT ANGLE HEADER ASSEMBLY W/GUIDES	
INCHES		APVD M. PERCHERKE	-	MULTI-BEAM XL	
		PRODUCT SPEC	-		
		APPLICATION SPEC	-		
		WEIGHT	-		
		CUSTOMER DRAWING	-		
		SCALE	1:1		
		SHEET	3		
		REV	E3		

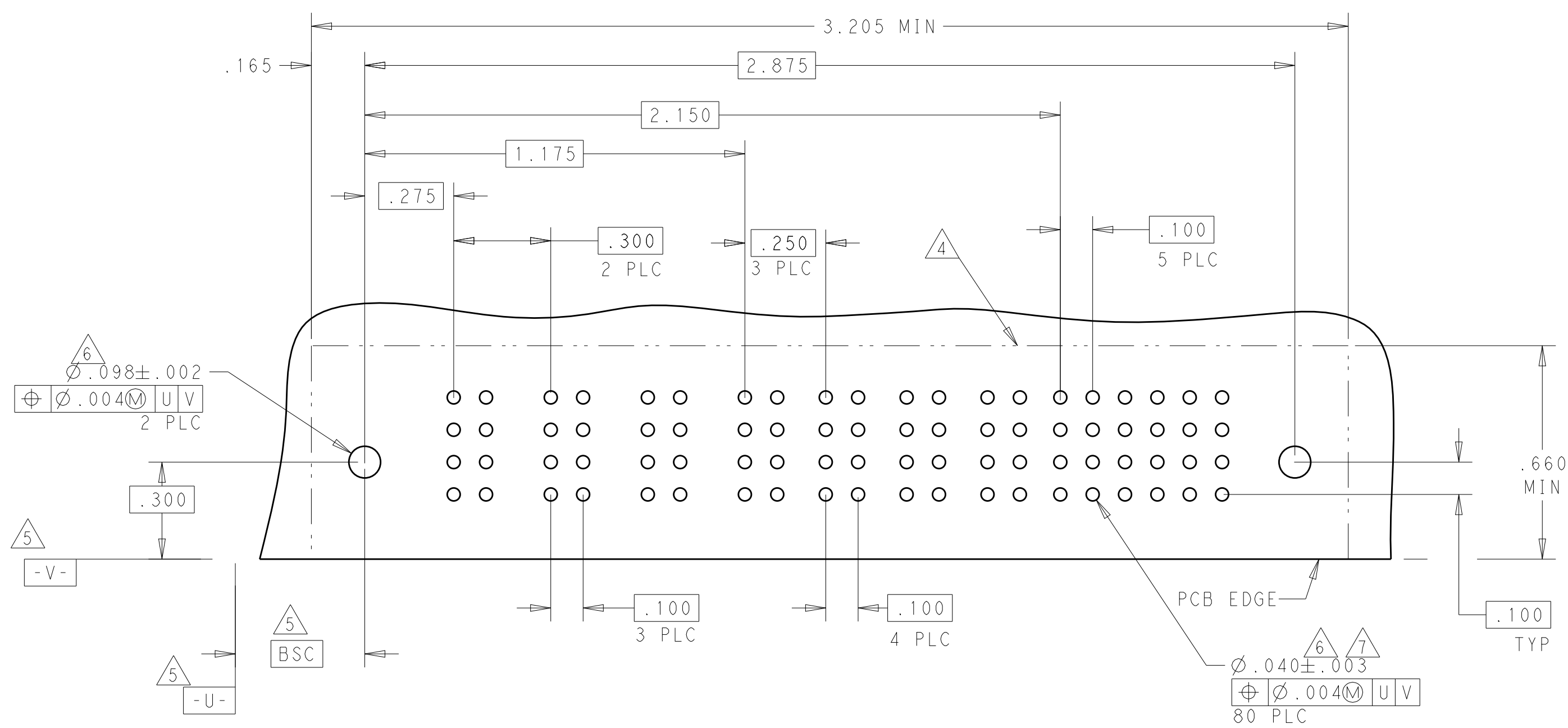
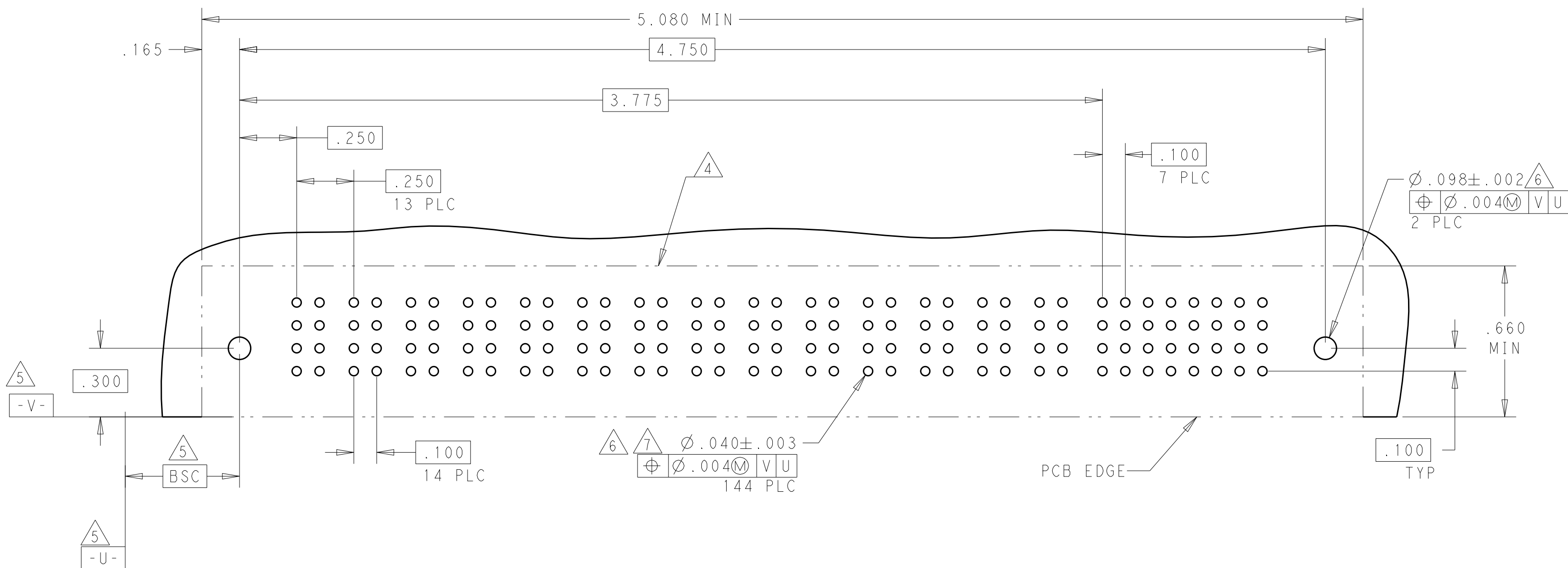
PART NUMBER	ROWS		POWER							SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	
6450132-7	D									J	J	E	J	J	J	
	C									K	K	K	K	K	K	
	B									N	N	N	N	N	N	
	A									S	S	S	S	S	S	
7P + 24S																



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

4805 (3/11)

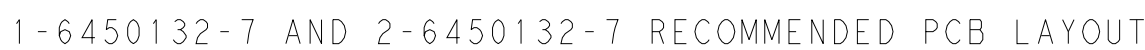
PART NUMBER	ROWS		POWER														SIGNAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	1	2	3	4	5	6	7	8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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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	

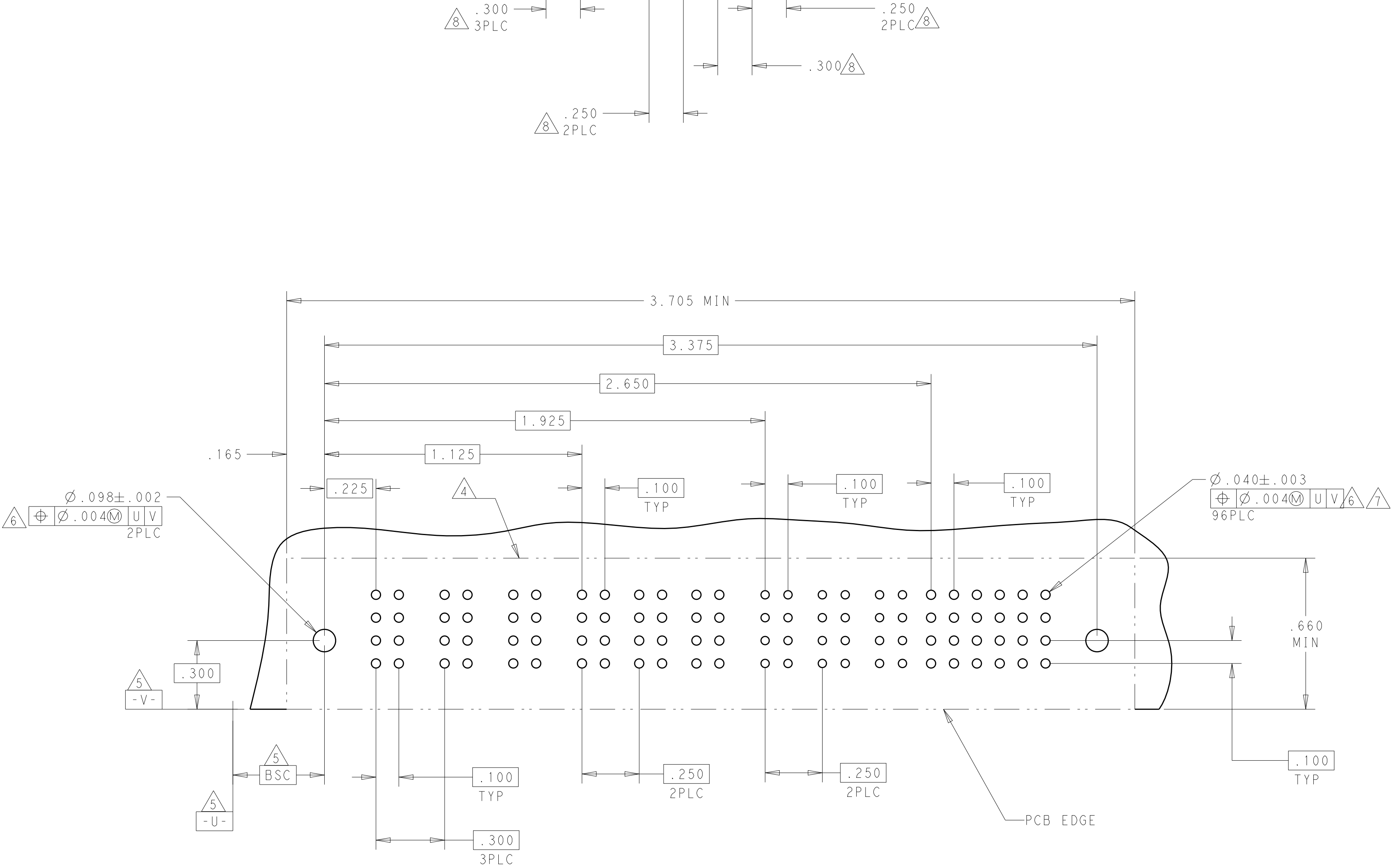
PART NUMBER	ROWS		SIGNAL																SIGNAL																					
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		33	34	35	36	37
2-6450132-6	D C B A	   	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J		
			K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	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	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
148S																																								

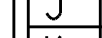
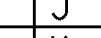
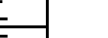
E2

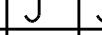
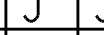
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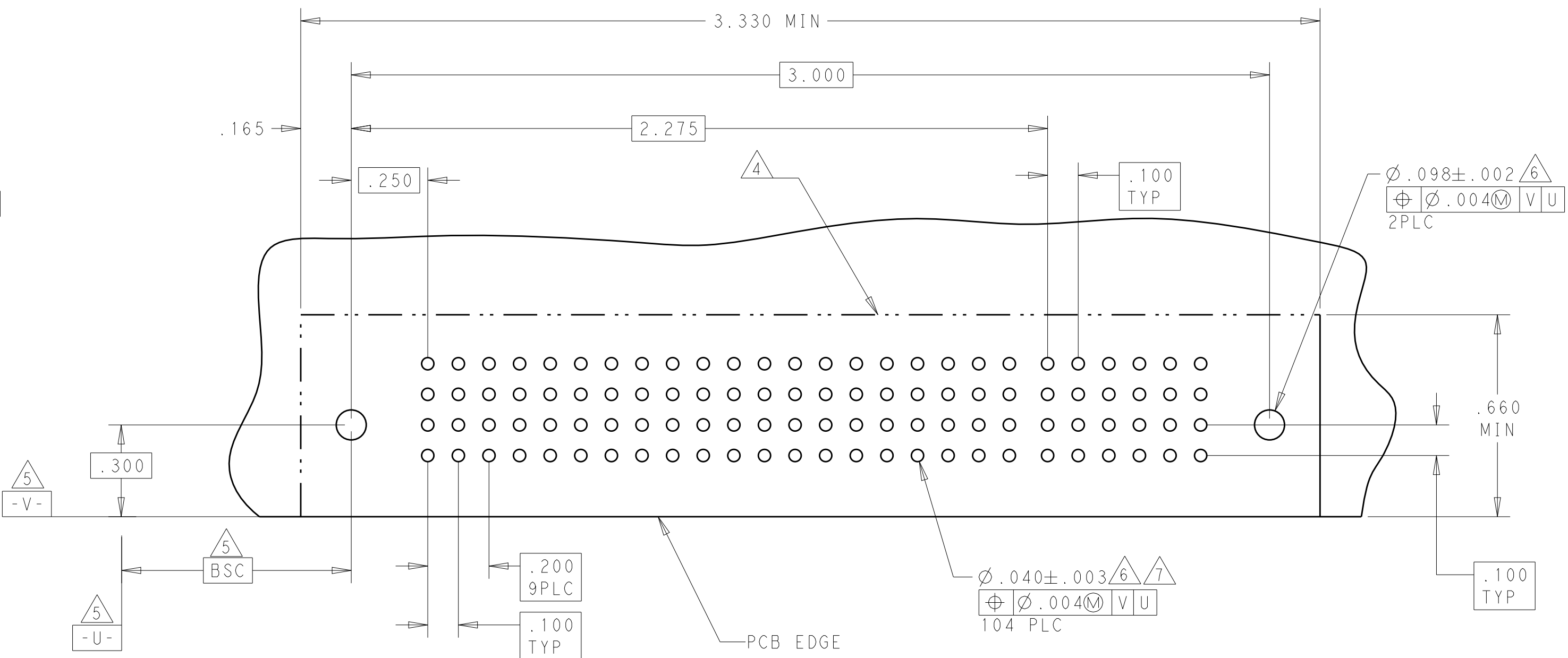
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

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	



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																			

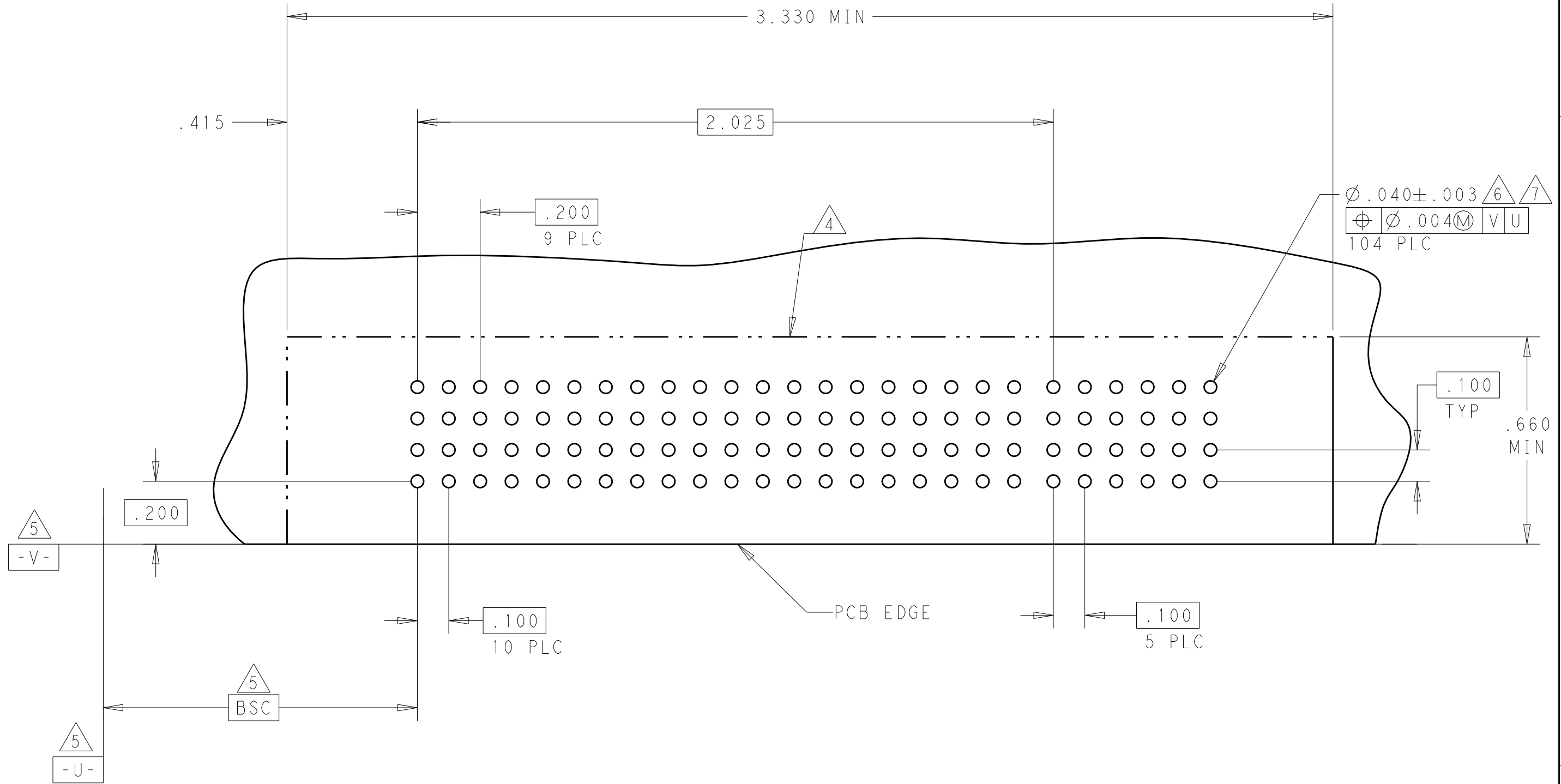
PART NUMBER	ROWS		POWER										SIGNAL																																																																																																																																																																																																																																																																																																
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6																																																																																																																																																																																																																																																																																											
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	
		WEIGHT		RESTRICTED TO	
MATERIAL		FINISH		A100779C-6450132	
		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																																																																																																																																																																														

4805 (3/11)

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														

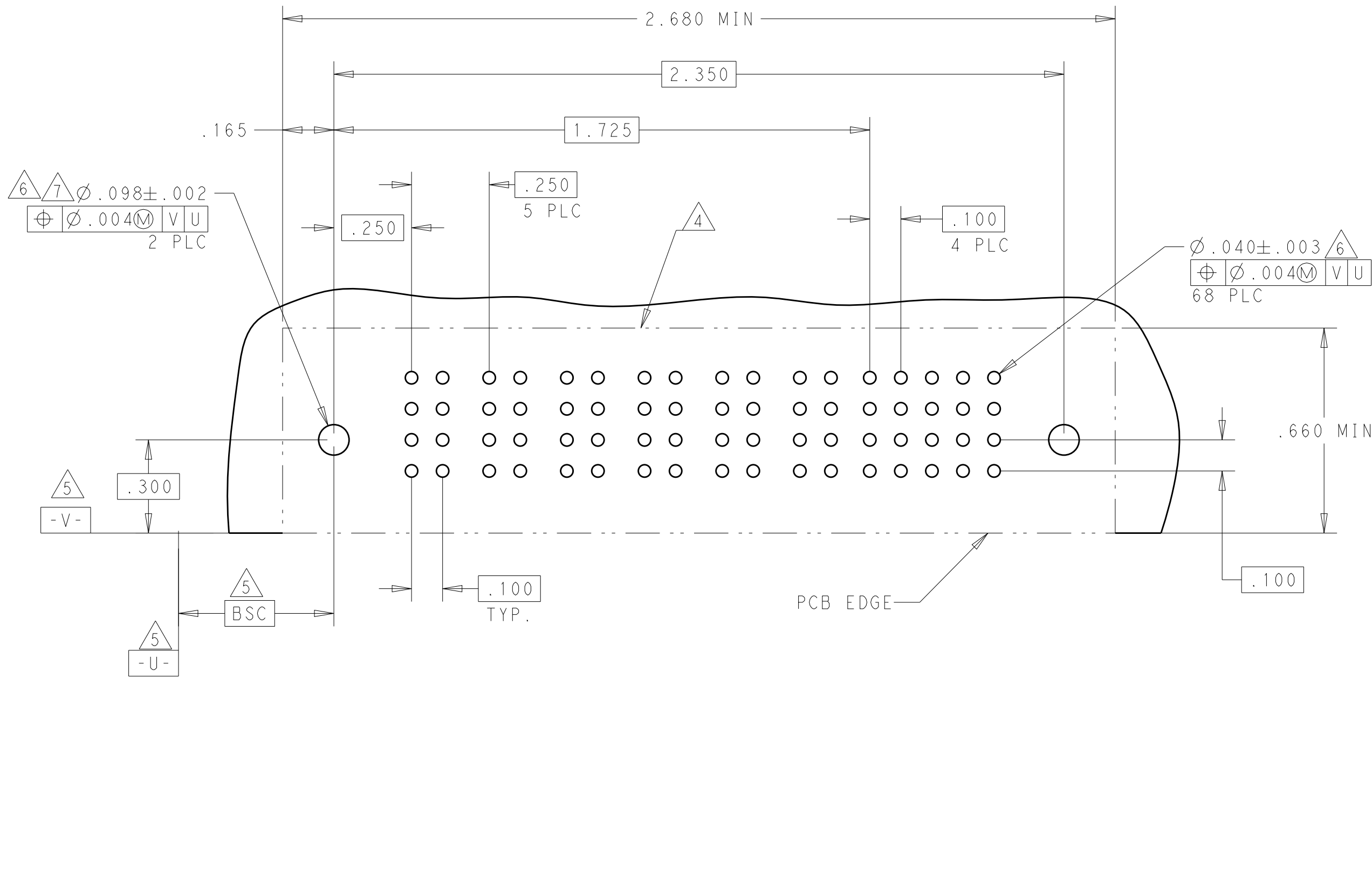
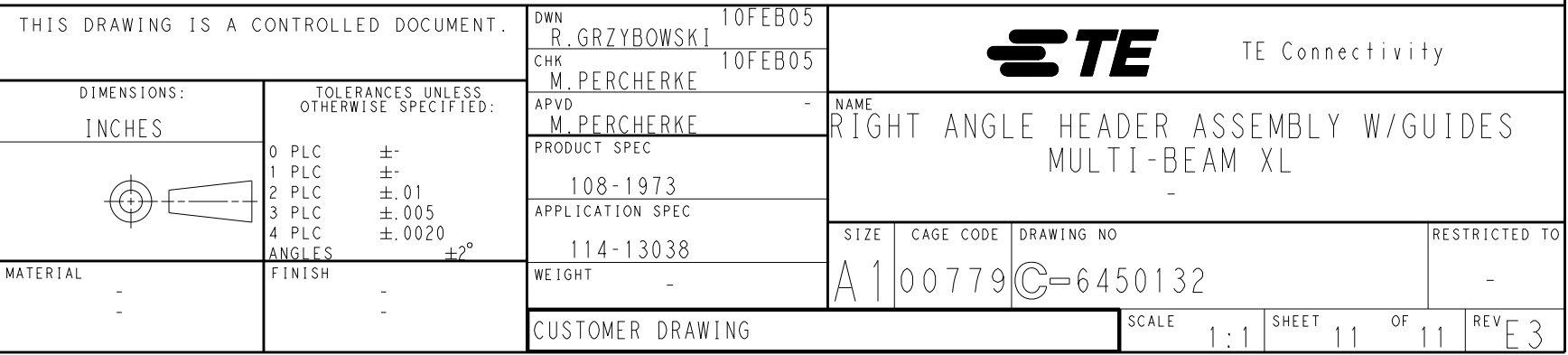


Diagram illustrating a PLC system with two PLCs (PLC 1 and PLC 2) and their interconnections. PLC 1 has a .300 output connected to a .200 input of PLC 2. Both PLCs have a .200 output connected to a common vertical bus. The bus is connected to a .200 input of PLC 2 and a .200 output of PLC 1.



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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

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