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LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	OWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-

E3

4.050	△8	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	△8	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	△8	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	△8	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

△9

△9

△9

THIS DRAWING IS A CONTROLLED DOCUMENT. **OWN** R. GRZYBOWSKI TOFEB05
CHK M. PERCHERKE TOFEB05
APVD M. PERCHERKE

TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL

PRODUCT SPEC 108-1973
 APPLICATION SPEC 114-13038

SIZE CAGE CODE DRAWING NO RESTRICTED TO
 A100779C=6450132 -

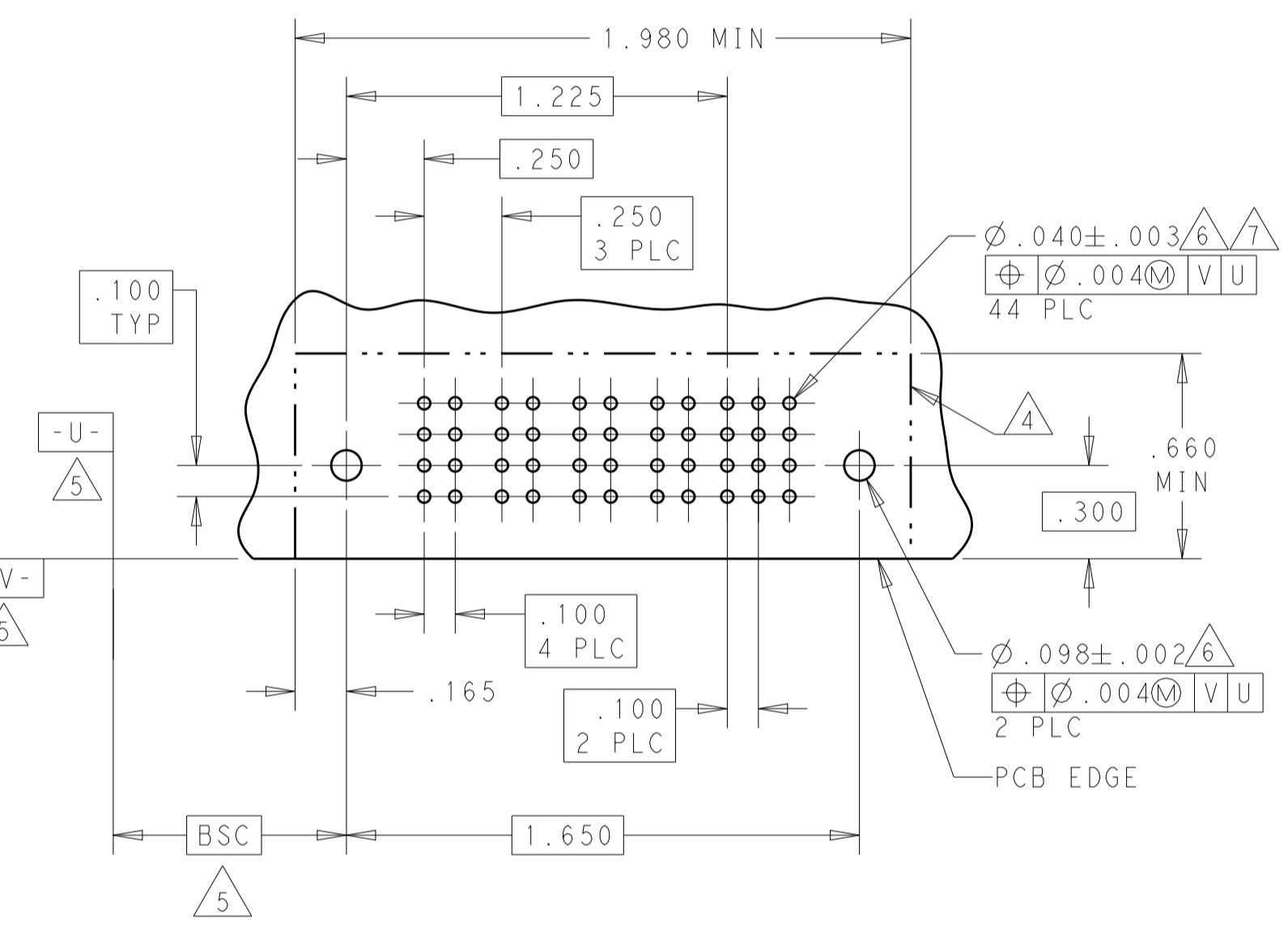
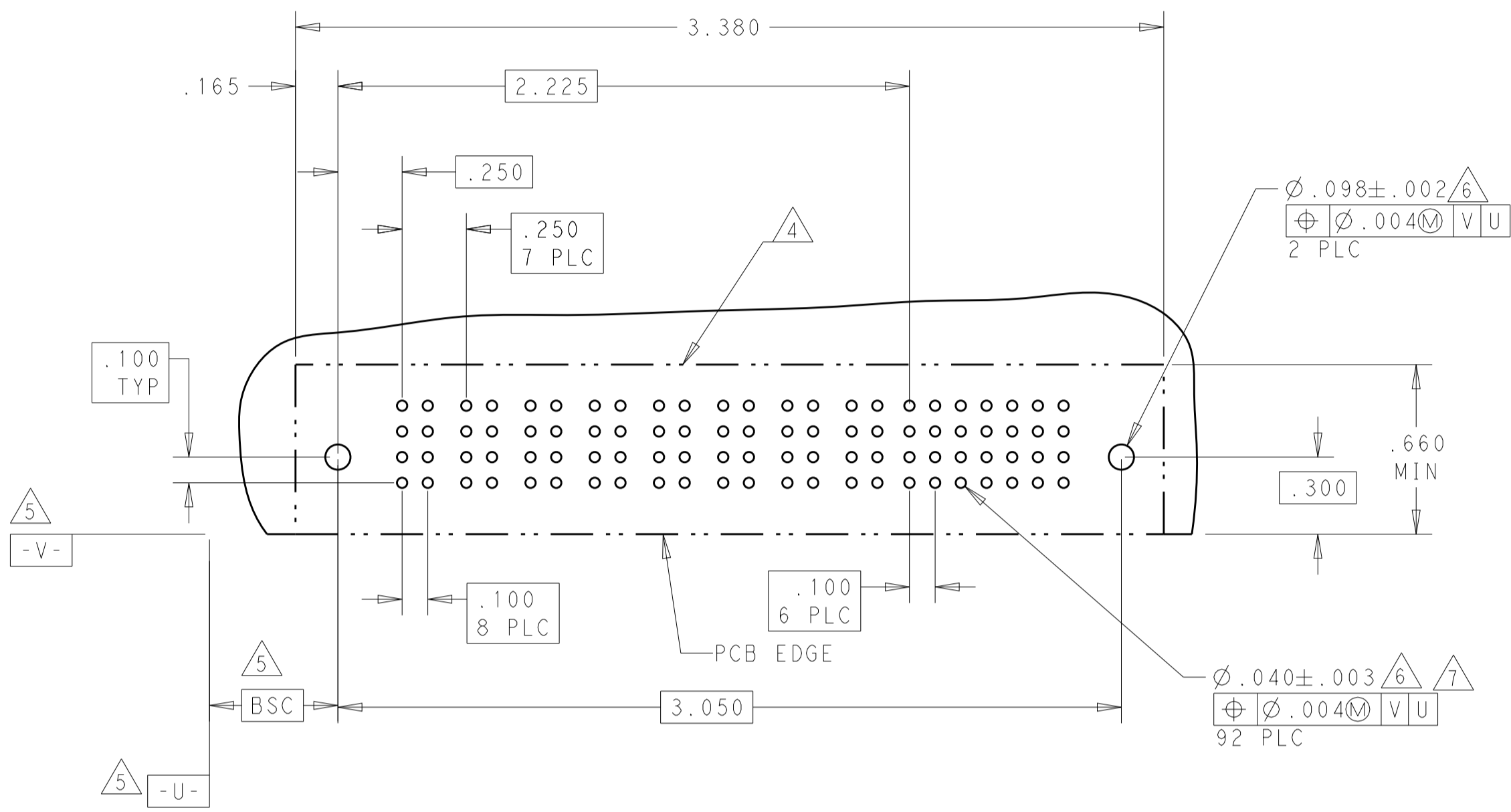
MATERIAL FINISH WEIGHT CUSTOMER DRAWING SCALE 1:1 SHEET 2 OF 11 REV E3

LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPD
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		2			
		3			

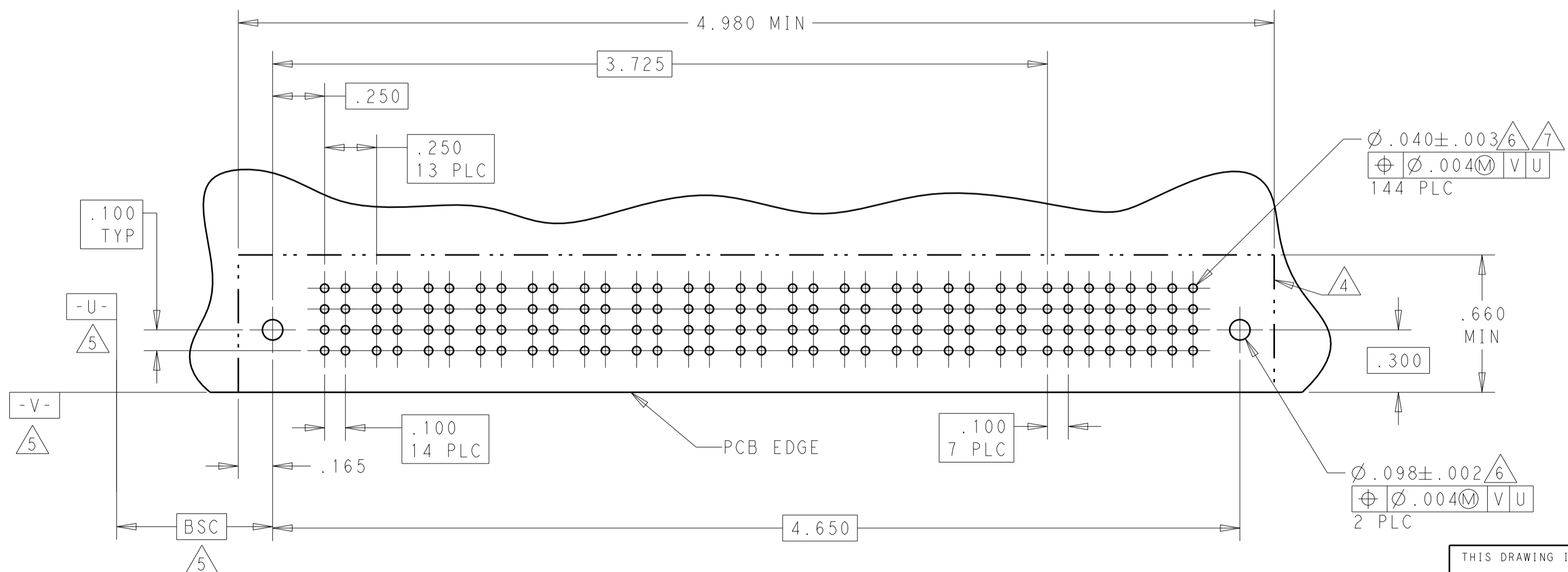
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6450132-1	D C B A	PM	PM	PM	J	E	J	
					K	F	F	
					N	N	N	
					S	S	S	
4P + 12S								

PART NUMBER	ROWS	POWER				SIGNAL		
		P1	P2	P3	P4	1	2	3
6450132-2	D C B A	PM	PM	PM	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	PM	PM	PM	PM	PM	PM	PM	PM	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	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																									



CODE	MATING SEQUENCE	TAIL LENGTH	ROW
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

PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI, TOFEBO5
CHK: M. PERCHERKE, TOFEBO5
APVD: M. PERCHERKE

DIMENSIONS: INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±.01
1 PLC ±.01
2 PLC ±.01
3 PLC ±.01
4 PLC ±.005
5 PLC ±.005
ANGLES ±.020

MATERIAL: .
FINISH: .

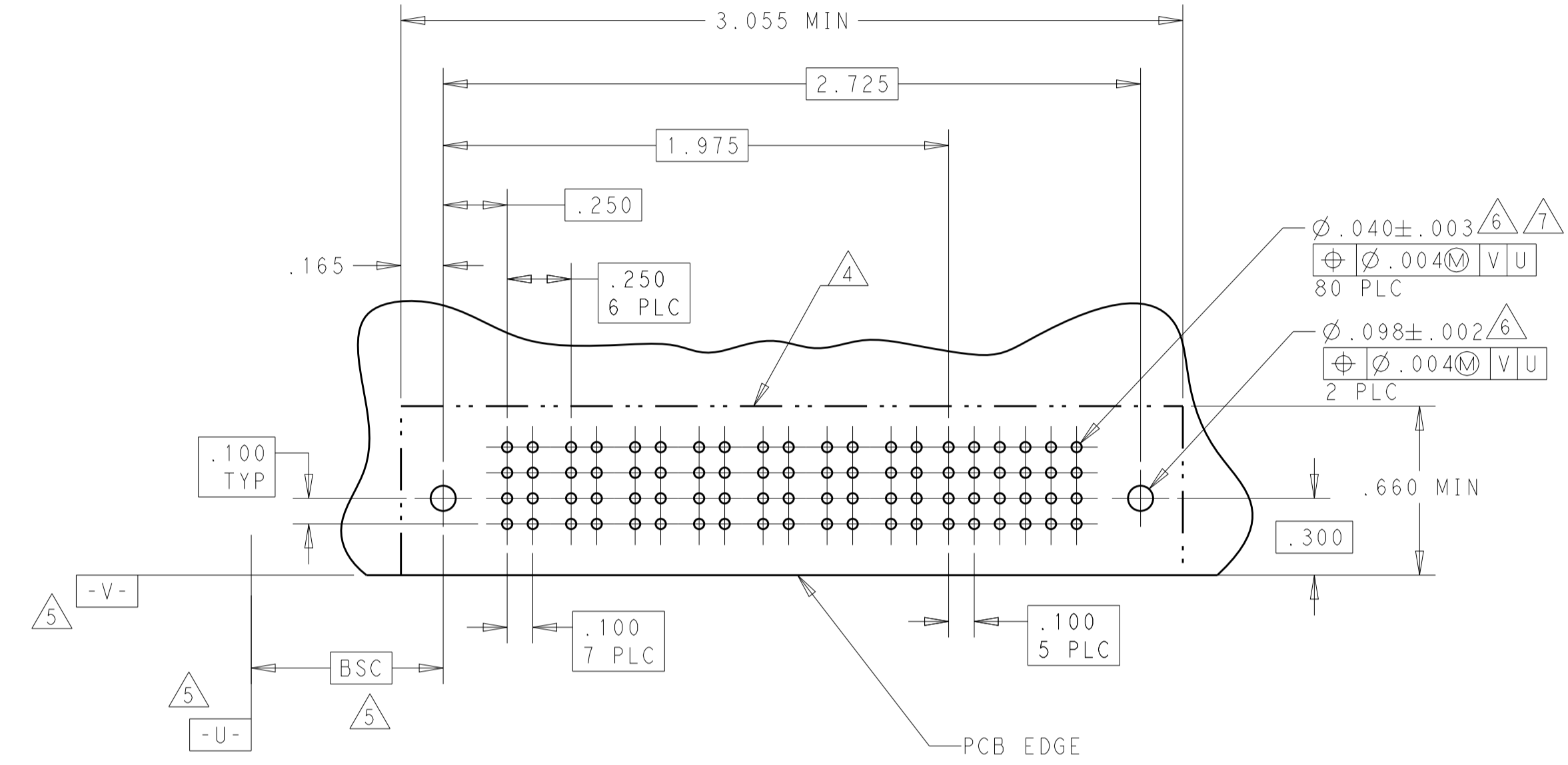
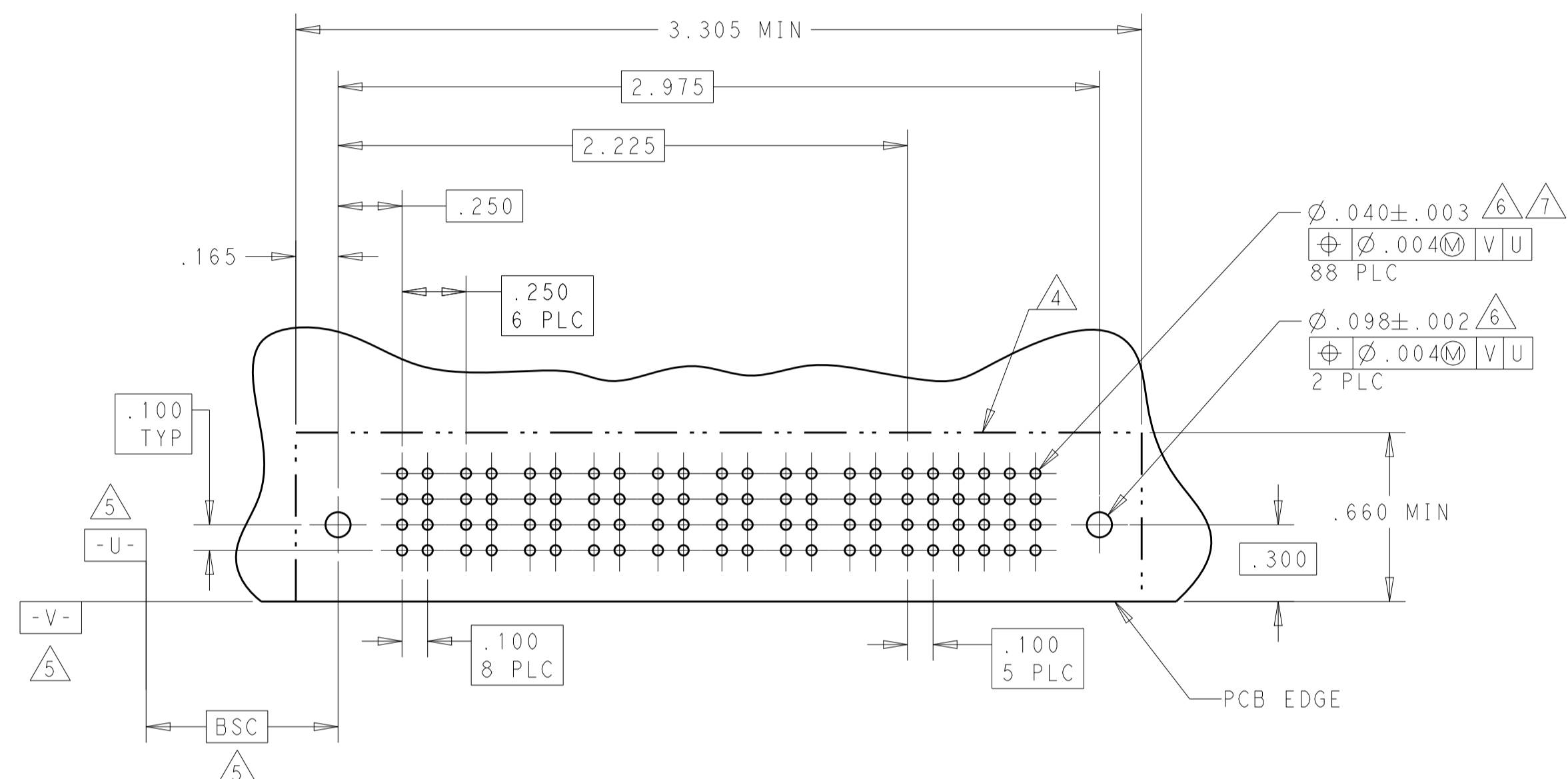
PRODUCT SPEC: 108-1973
APPLICATION SPEC: 114-13038
WEIGHT: .
CUSTOMER DRAWING

NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
SIZE: A1
CAGE CODE: 6450132
DRAWING NO: 100779
SCALE: 1:1
SHEET: 3 OF 11
REV: E3

LOC	DIST	REV	DATE	BY	APPV
GP	00				
		DESCRIPTION			
		SEE SHEET 1			

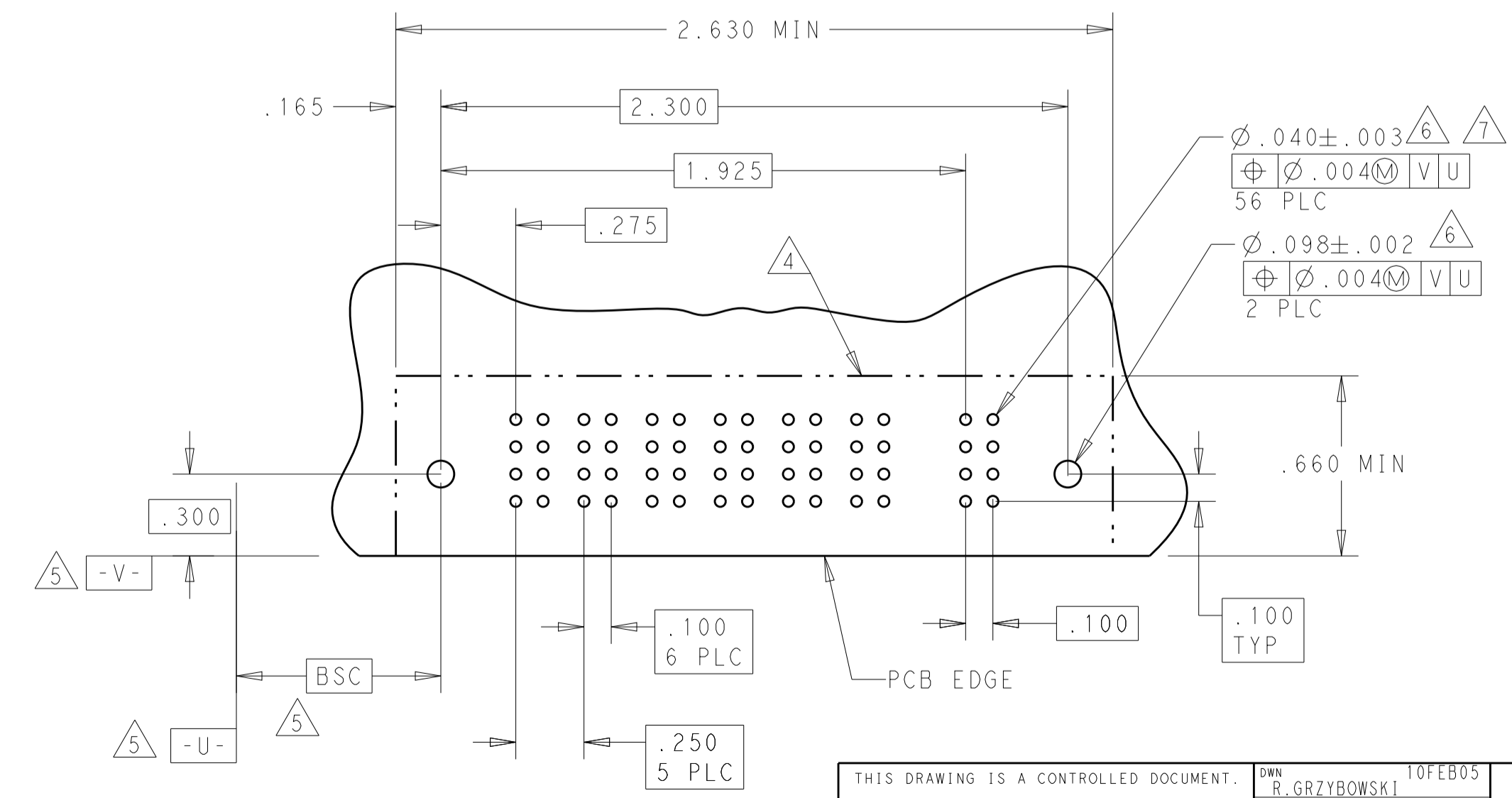
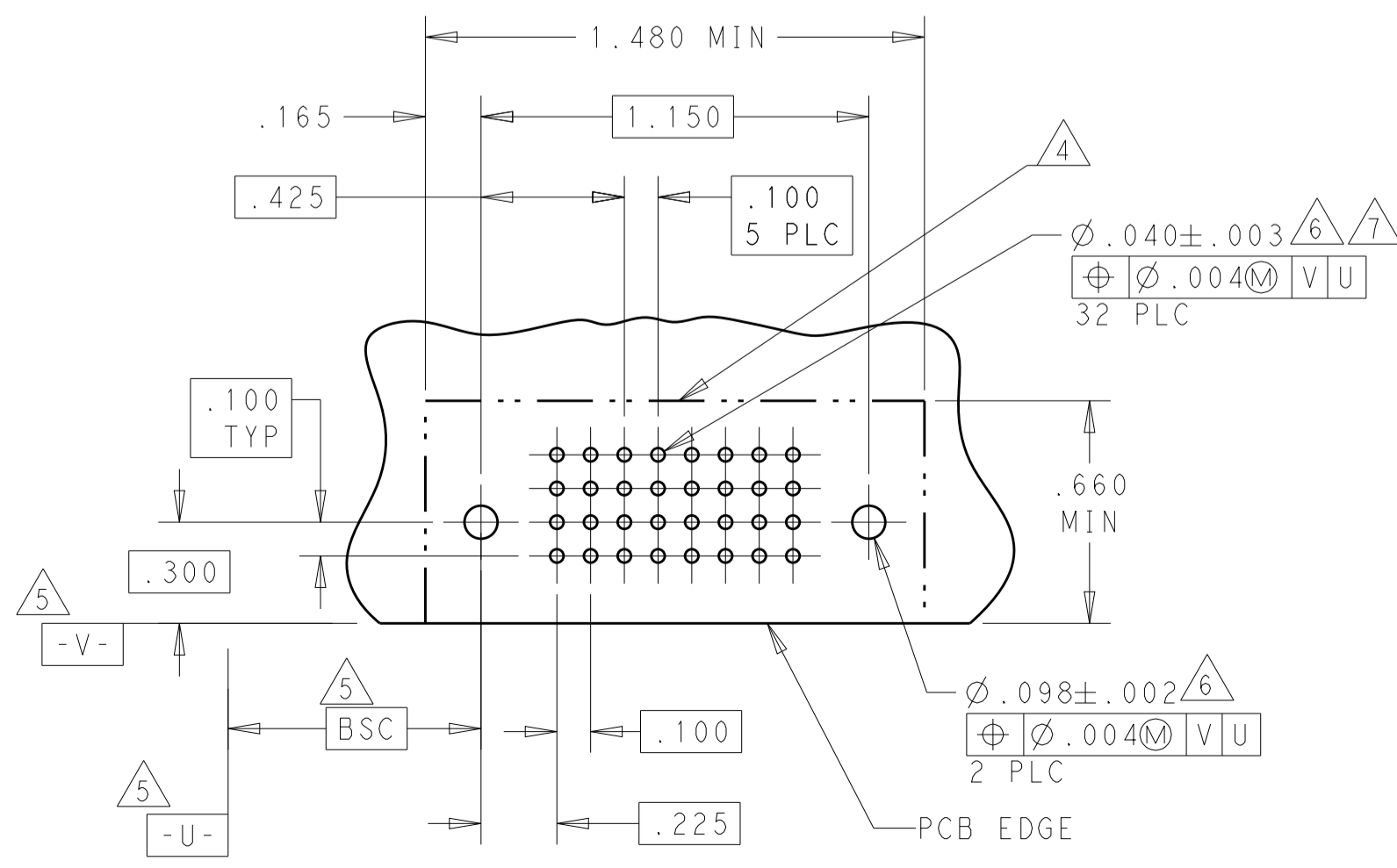
PART NUMBER	ROWS	POWER								SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6
6450132-5	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	E	E
										K	K	K	K	F	F
										N	N	N	N	G	G
										S	S	S	S	H	H
8P + 24S															

PART NUMBER	ROWS	POWER							SIGNAL						
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	
6450132-7	D C B A	PM	PM	PM	PM	PM	PM	PM	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	1	2	3	4	5	6	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							
1P + 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										

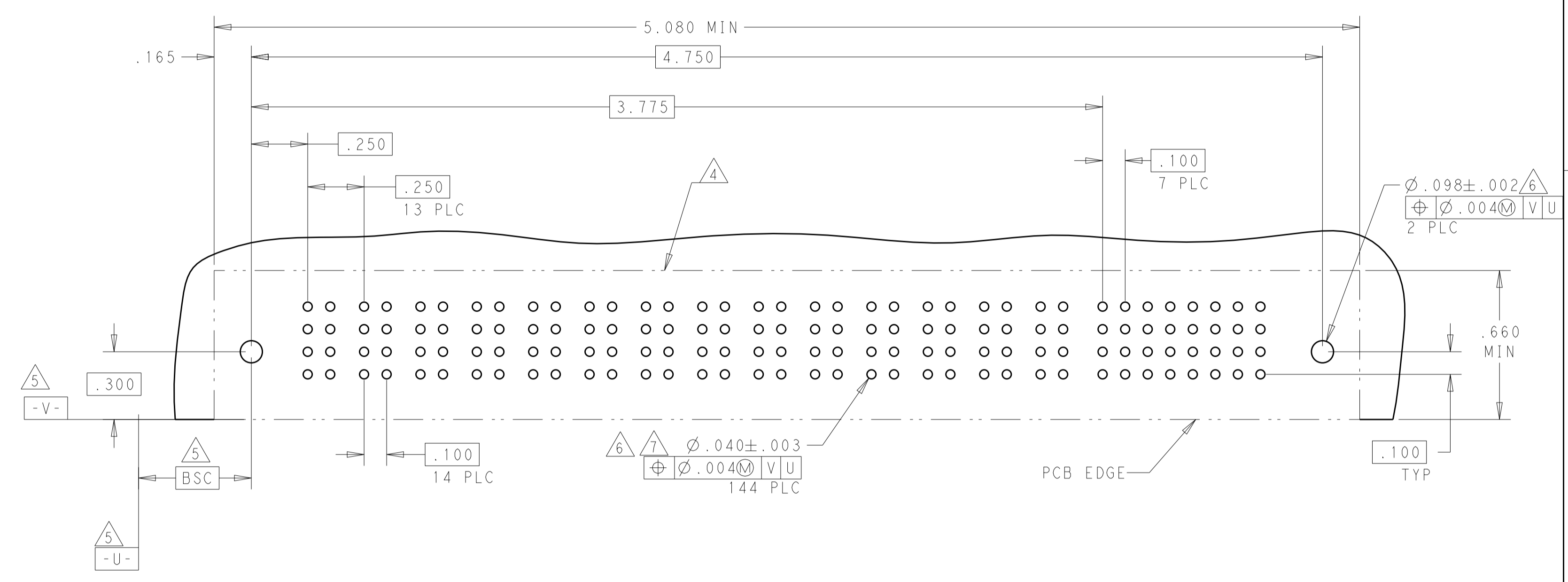
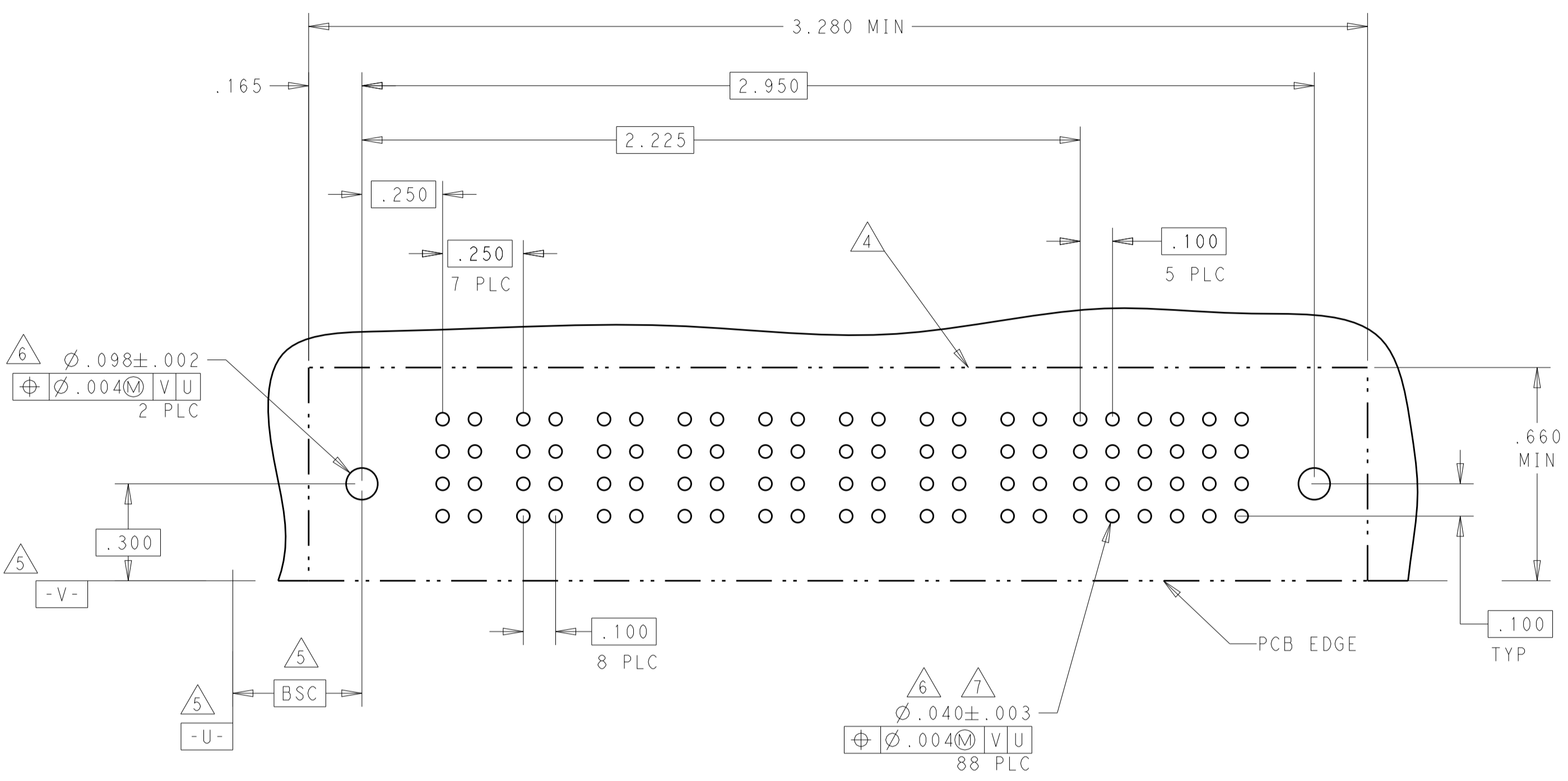


THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01, 1 PLC ±.01, 2 PLC ±.01, 3 PLC ±.005, 4 PLC ±.002, ANGLES ±.002. MATERIAL: FINISH: THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION. OWN: R. GRZYBOWSKI, CHK: M. PERCHERKE, APVD: M. PERCHERKE. PRODUCT SPEC: 108-1973, APPLICATION SPEC: 114-13038, WEIGHT: A100779. CUSTOMER DRAWING. SCALE: 1:1. SHEET 4 OF 11. REV: E3.

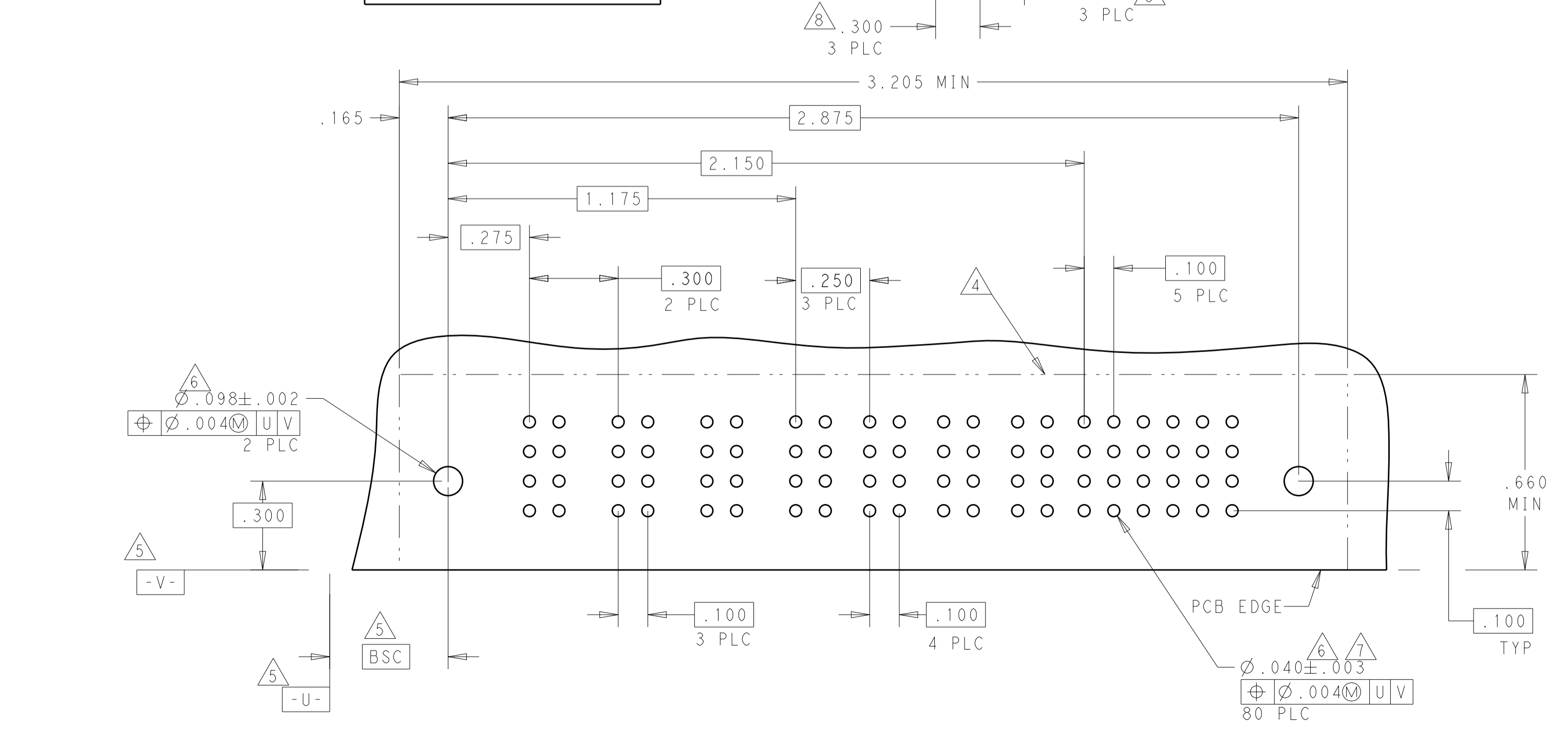
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
GP	00	SEE SHEET 1			

PART NUMBER	ROWS	POWER								SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6
1-6450132-2	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	E	E
		PM	PM	PM	PM	PM	PM	PM	PM	K	K	K	K	F	F
		PM	PM	PM	PM	PM	PM	PM	PM	N	N	N	N	G	G
		PM	PM	PM	PM	PM	PM	PM	PM	S	S	S	S	H	H
8P + 24S															

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
1-6450132-5	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	E	J	J	J	E	J	J	J
		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	F	K	K	K	F	K	K	K
		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	N	N	N	N	N	N	N	N
		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	S	S	S	S	S	S	S	S
14P + 32S																							



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



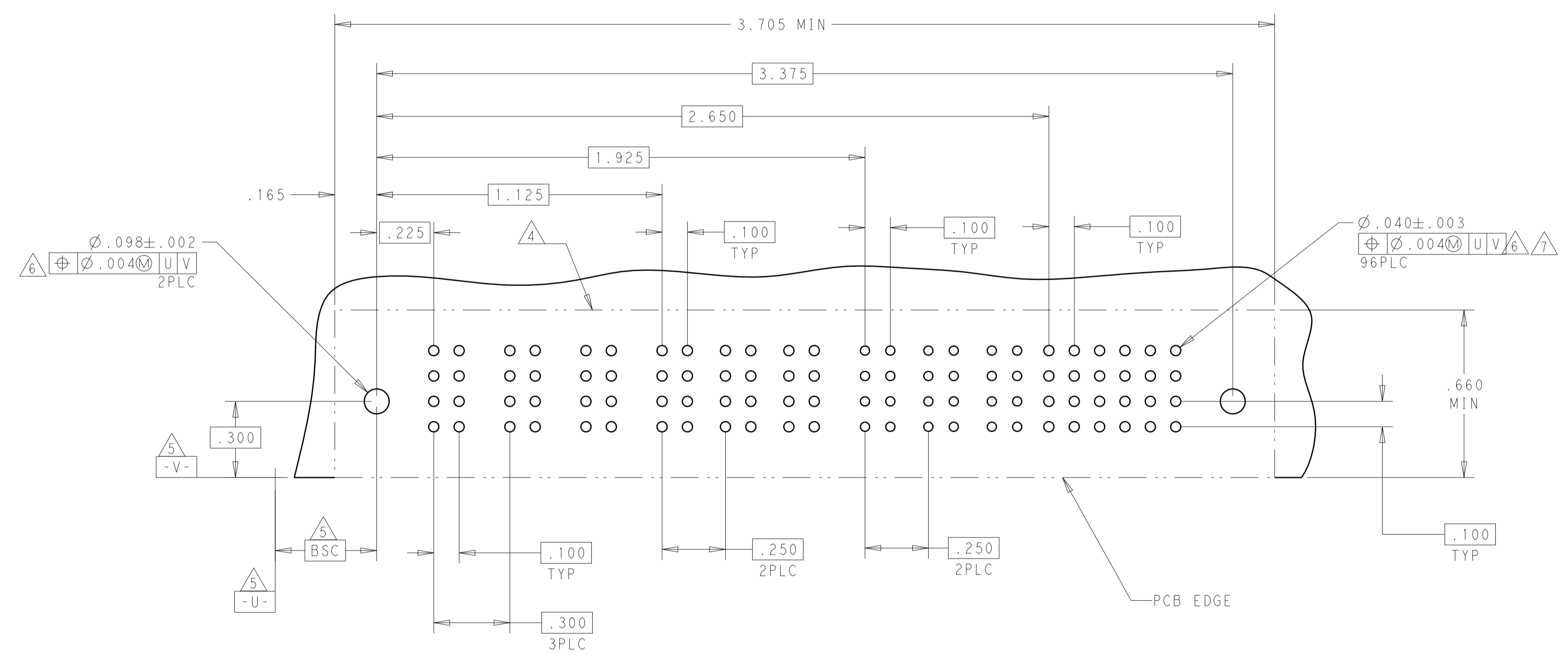
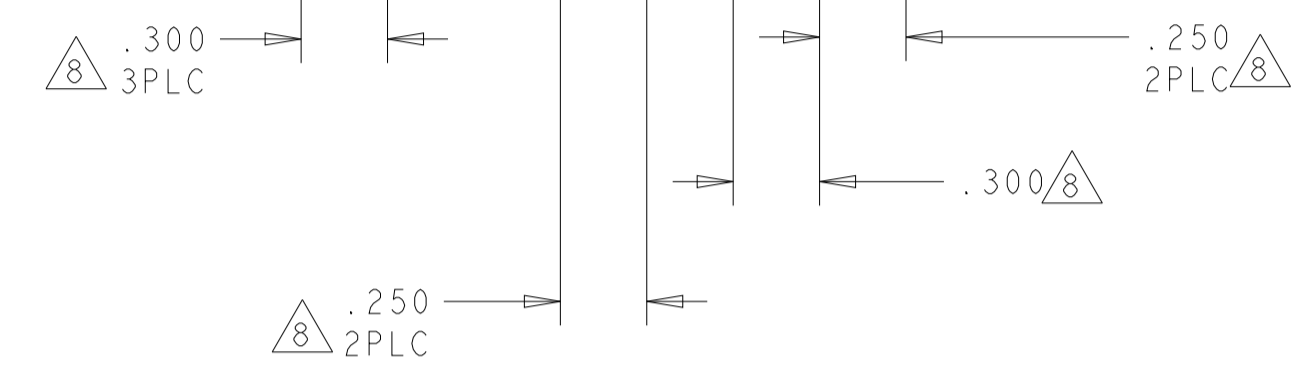
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°	DMN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE	TOFEB05 TOFEB05		TE Connectivity
MATERIAL:	FINISH:	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT:	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL SIZE: A100779 CAGE CODE: C=6450132		RESTRICTED TO:

CUSTOMER DRAWING

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	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	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	E	J	J	J	J
	C	PM	PM	PM	PM	PM	PM	PM	PM	PM	K	K	K	K	K	K
	B	PM	PM	PM	PM	PM	PM	PM	PM	PM	N	N	N	N	N	N
	A	PM	PM	PM	PM	PM	PM	PM	PM	PM	S	S	S	S	S	S



THIS DRAWING IS A CONTROLLED DOCUMENT.

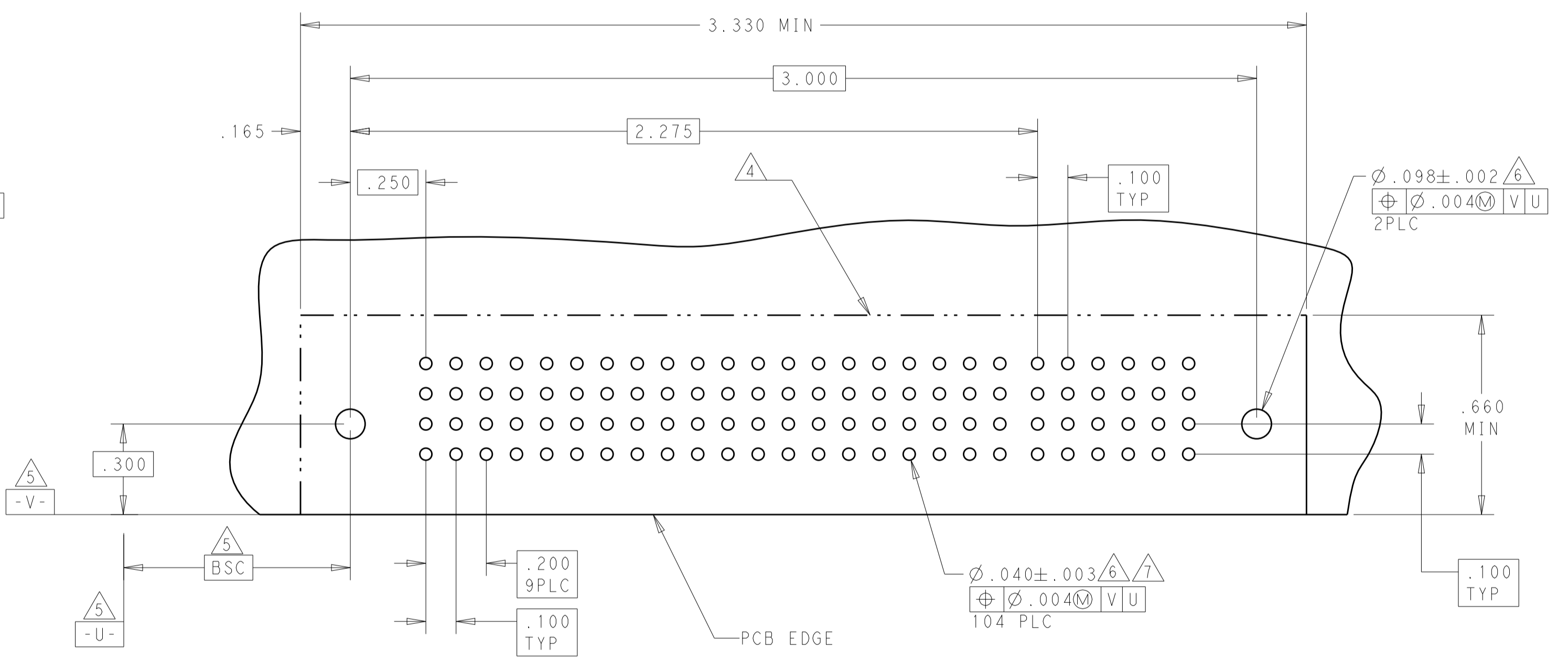
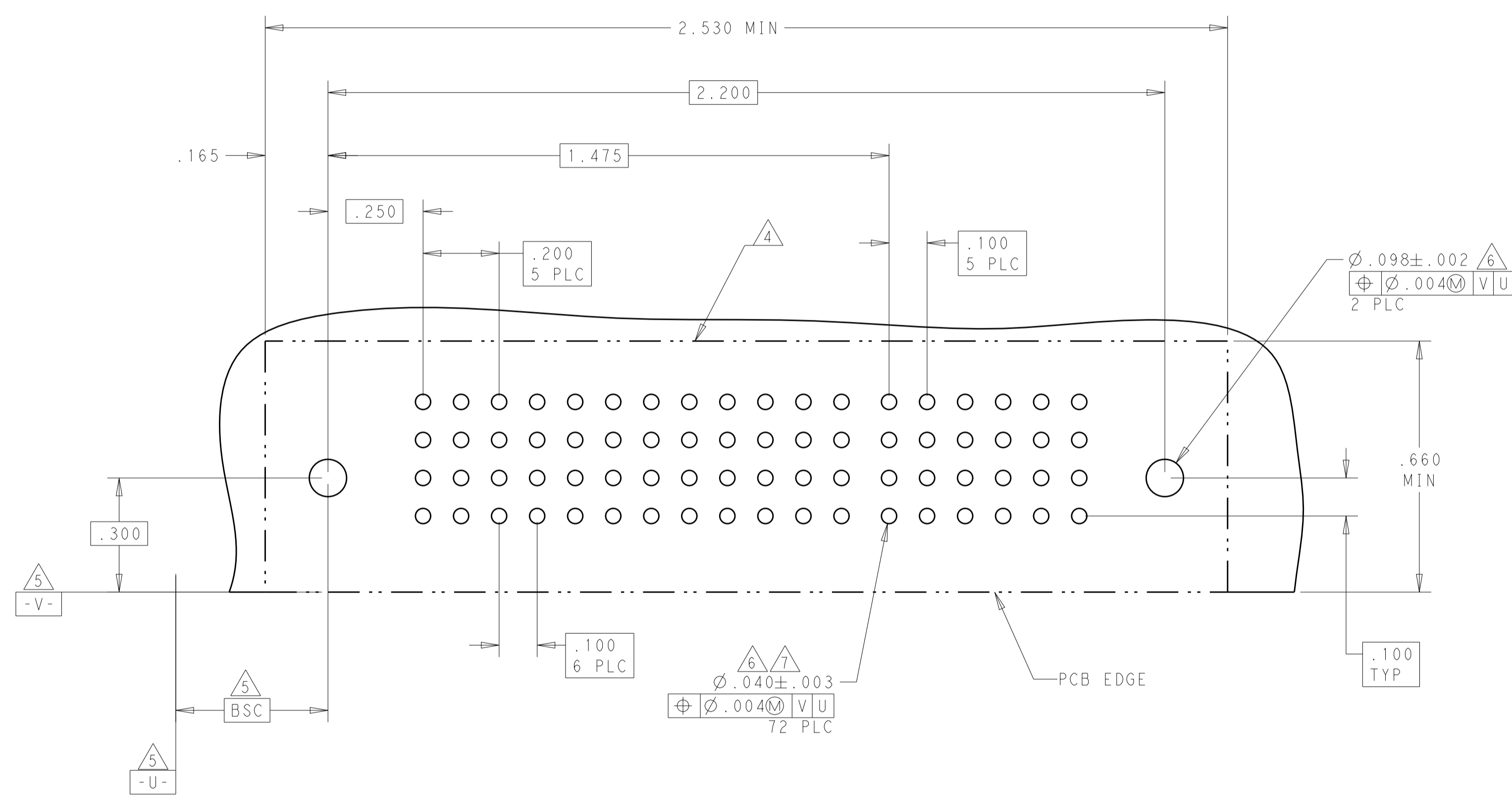
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°	DMN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE	TOFEB05 TOFEB05	TE Connectivity RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	NAME: - PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038	SIZE: A CAGE CODE: 100779 DRAWING NO: 6450132	RESTRICTED TO: -
MATERIAL: - FINISH: -	WEIGHT: -	CUSTOMER DRAWING			SCALE: 1:1	SHEET: 7 OF 11	REV: E3

LOC		DIST		REVISONS			
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1			

PART NUMBER	ROWS	POWER						SIGNAL					
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	6
2-6450132-0	D C B A	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J
								K	K	K	K	K	K
								N	N	N	N	N	N
								H	H	H	H	H	H
6P + 24S		[HD]						[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	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	E	J	J	J	E
												K	F	K	K	K	F
												N	N	N	N	N	G
												S	S	S	S	S	H
10P + 24S		[HD]										[HD]					

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
												K	F	K	K	K	K
												N	N	N	N	N	N
												S	S	S	S	S	S
10P + 24S		[HD]										[HD]					



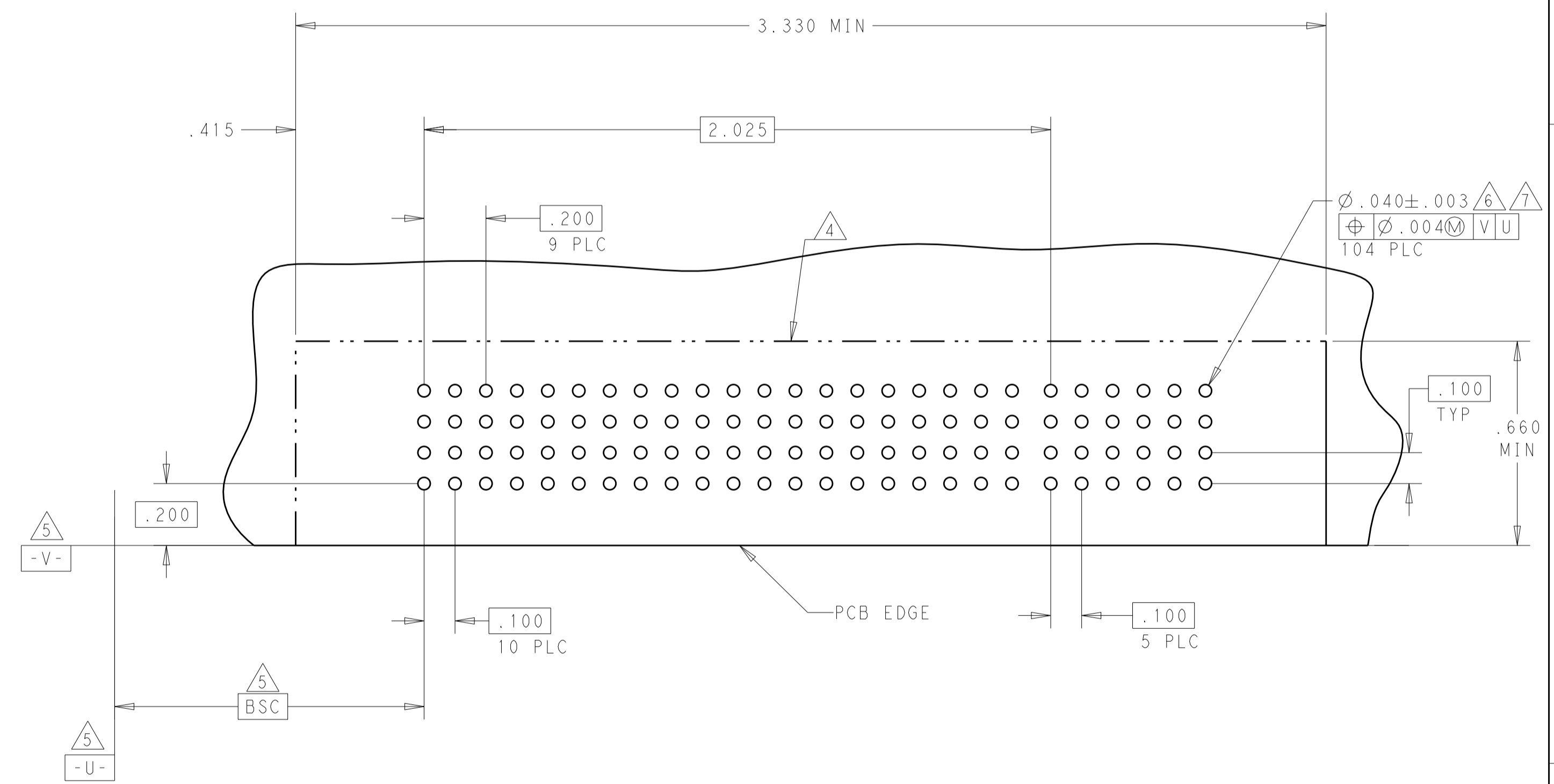
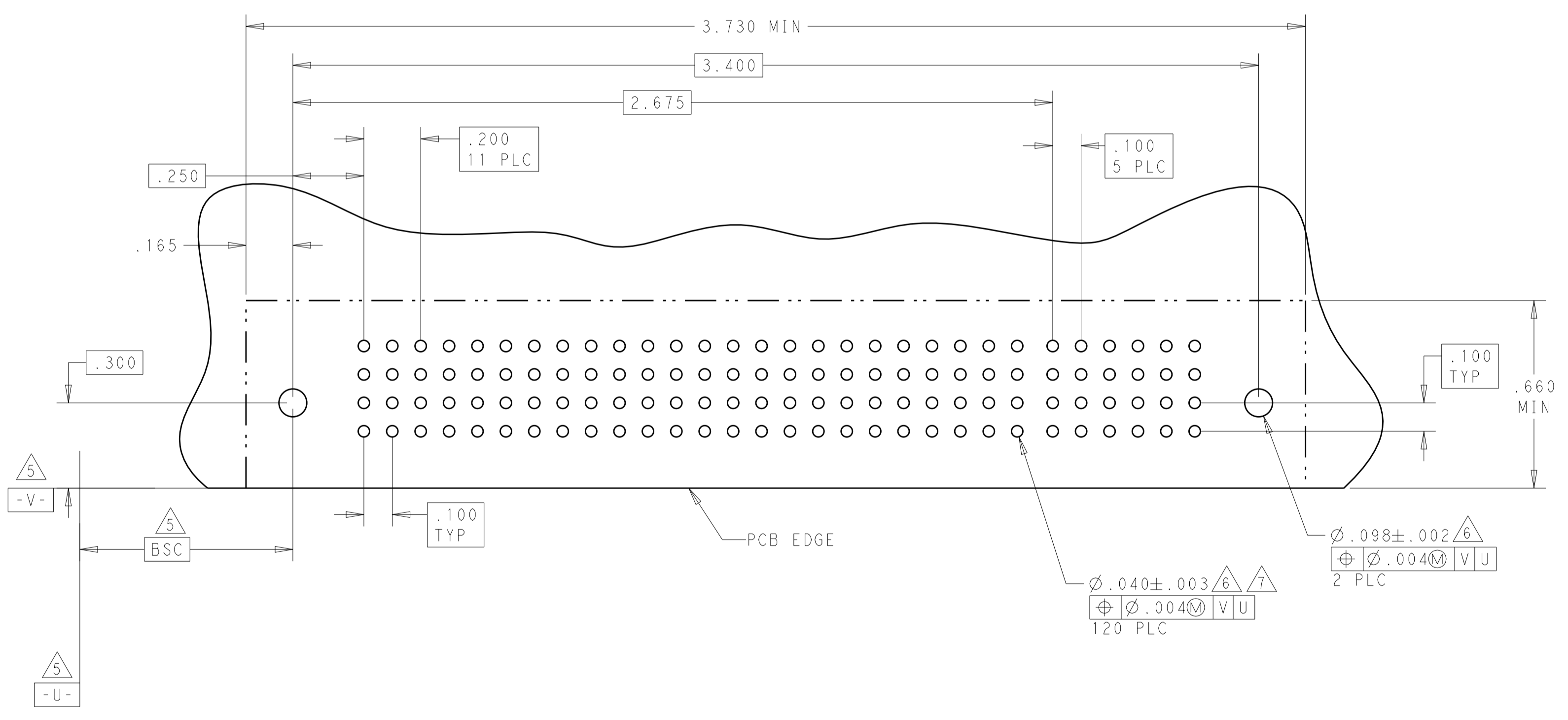
2-6450132-1 AND 2-6450132-3 PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI CHK: M. PERCHERKE	10FEB05 10FEB05	STE TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
0 PLC ±.01	1 PLC ±.01	PRODUCT SPEC	108-1973	SIZE: A1
3 PLC ±.005	4 PLC ±.0020	APPLICATION SPEC	114-13038	CAGE CODE: C=6450132
MATERIAL: -	FINISH: -	WEIGHT: -	SCALE: 1:1	SHEET 8 OF 11
CUSTOMER DRAWING		REV: E3		

LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	OWN	APVD
		-		SEE SHEET 1			

PART NUMBER	ROWS	POWER												SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4	5	6
		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	E	J	J	J	J	E
2-6450132-2	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	K	K	K	K	K	K	
12P + 24S		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	N	N	N	N	N	N		
		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	S	S	S	S	S	S		

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



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OWN: R. GRZYBOWSKI TOFEB05
 CHK: M. PERCHERKE TOFEB05
 APVD: M. PERCHERKE

TE CONNECTIVITY

RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL

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

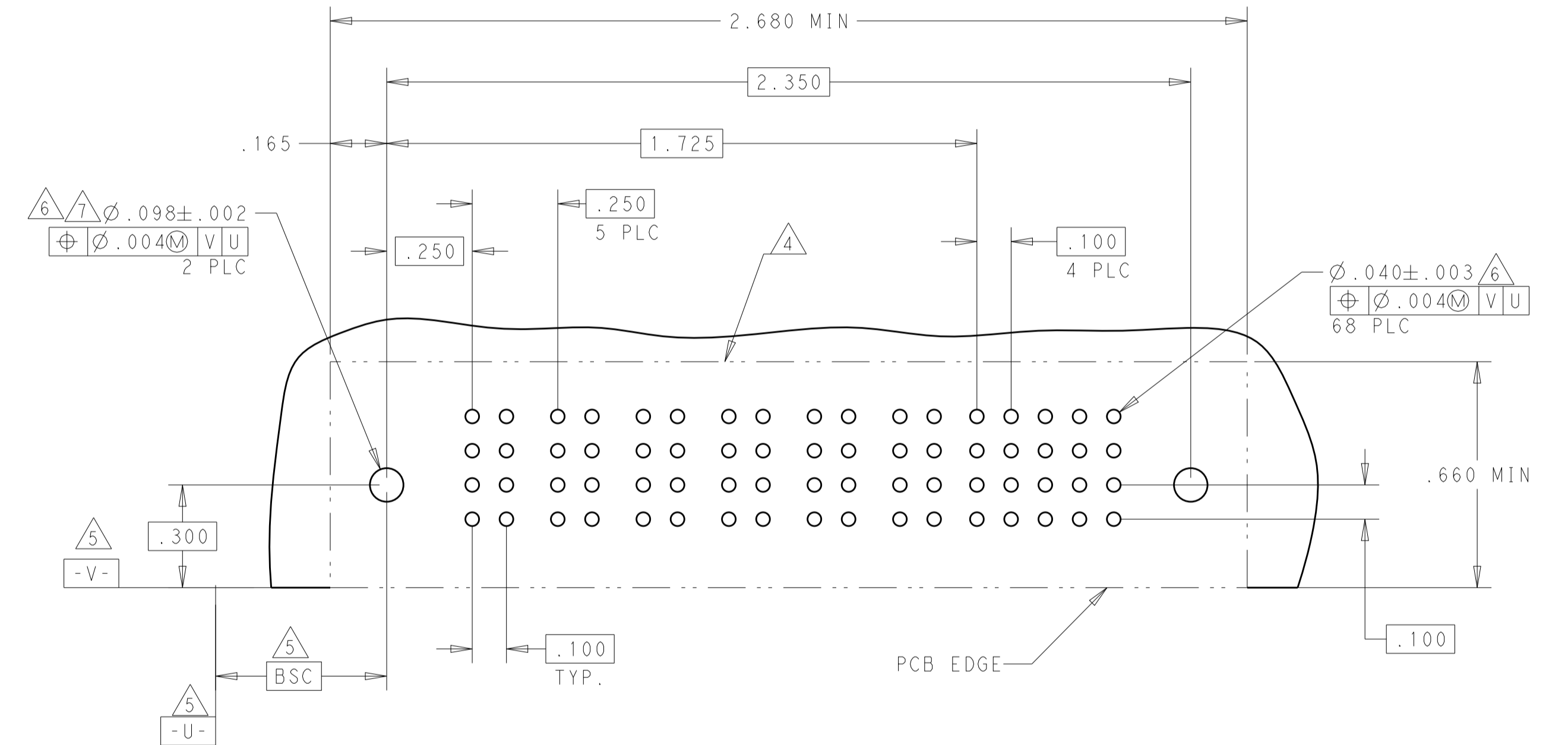
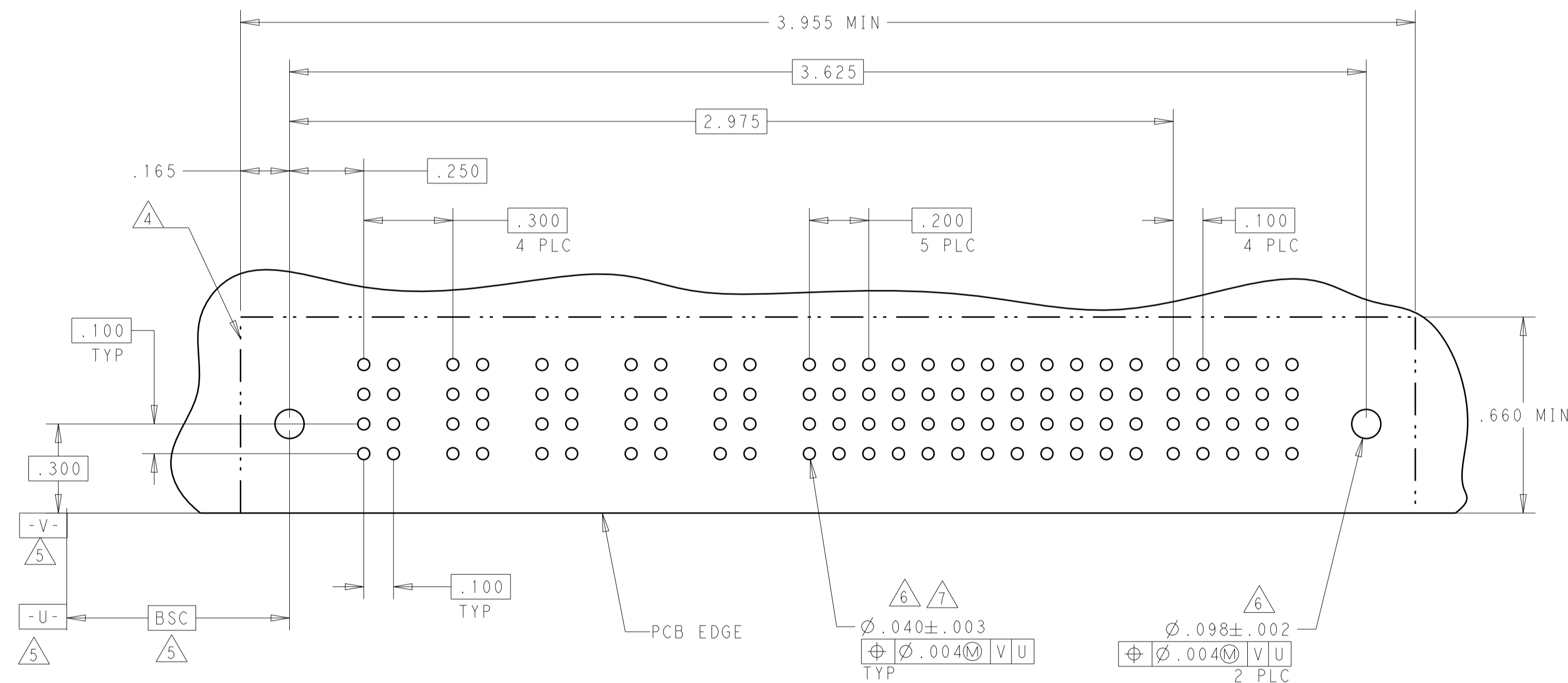
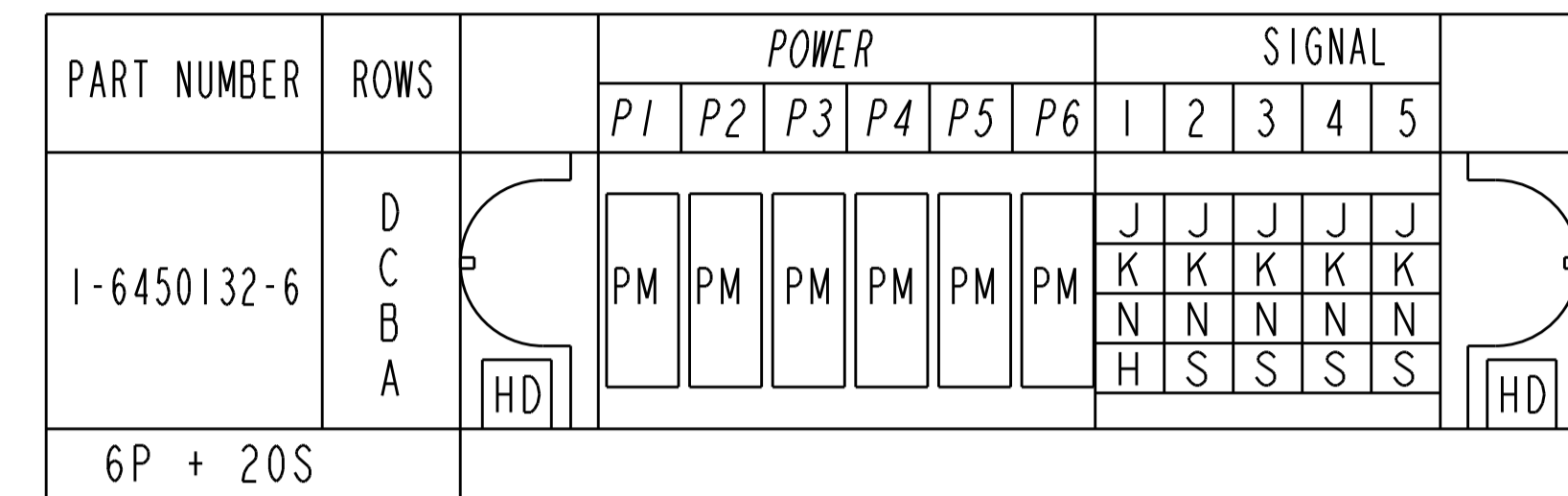
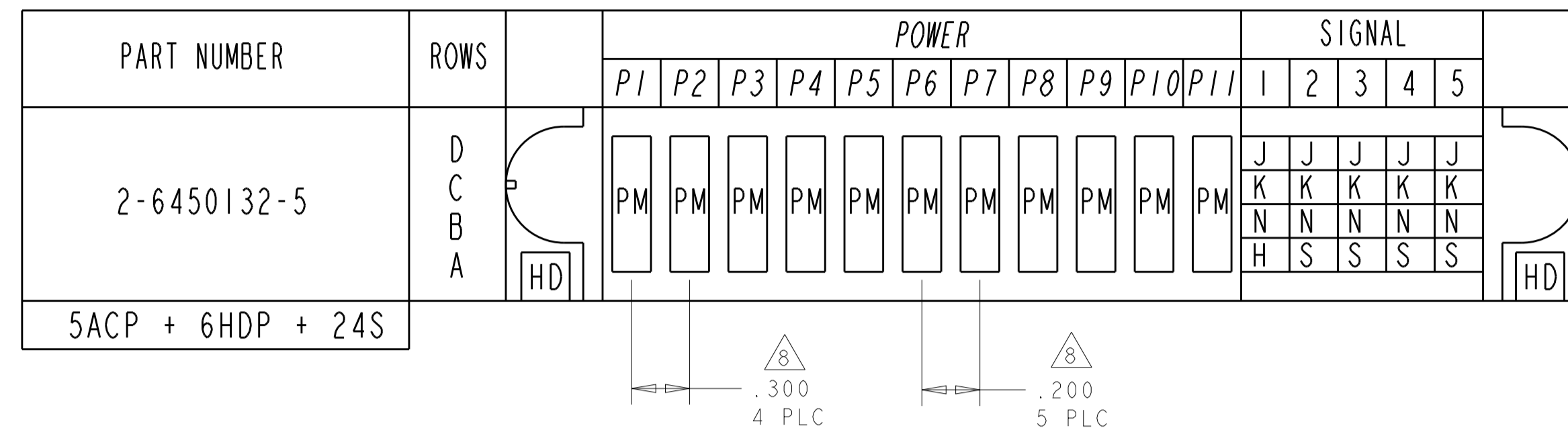
SIZE: A1
 CAGE CODE: 100779
 DRAWING NO: 6450132

RESTRICTED TO: -

CUSTOMER DRAWING

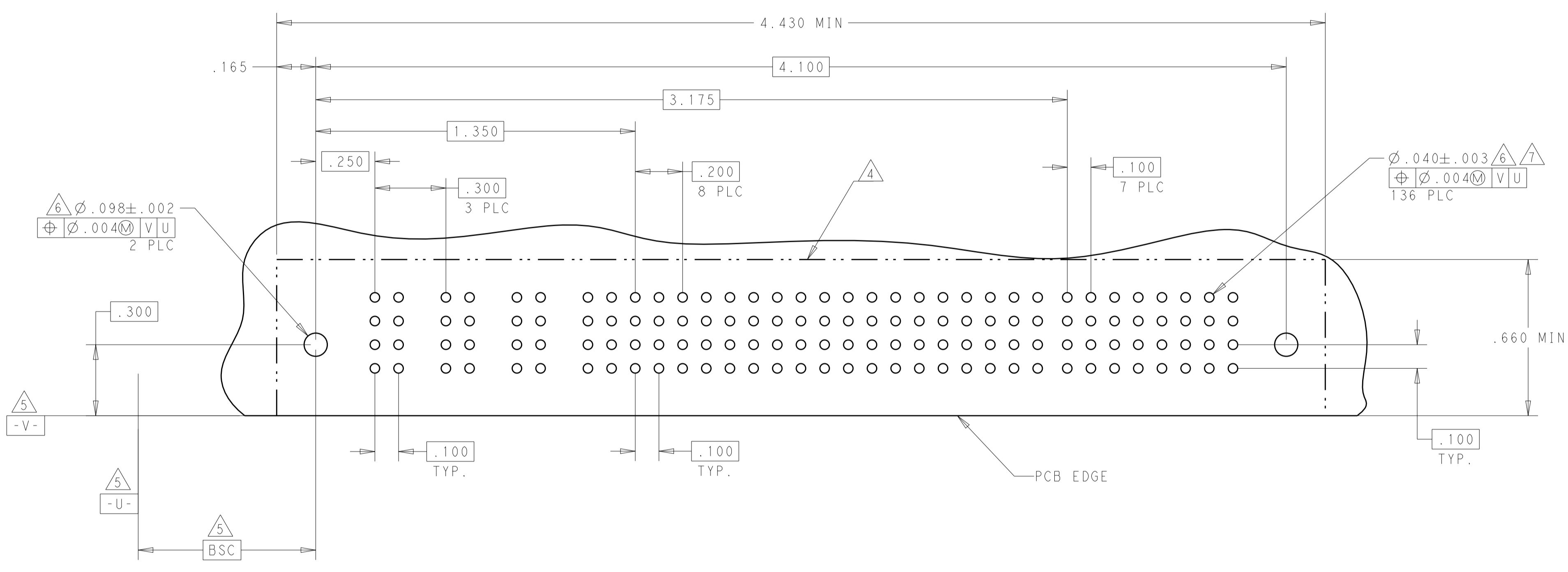
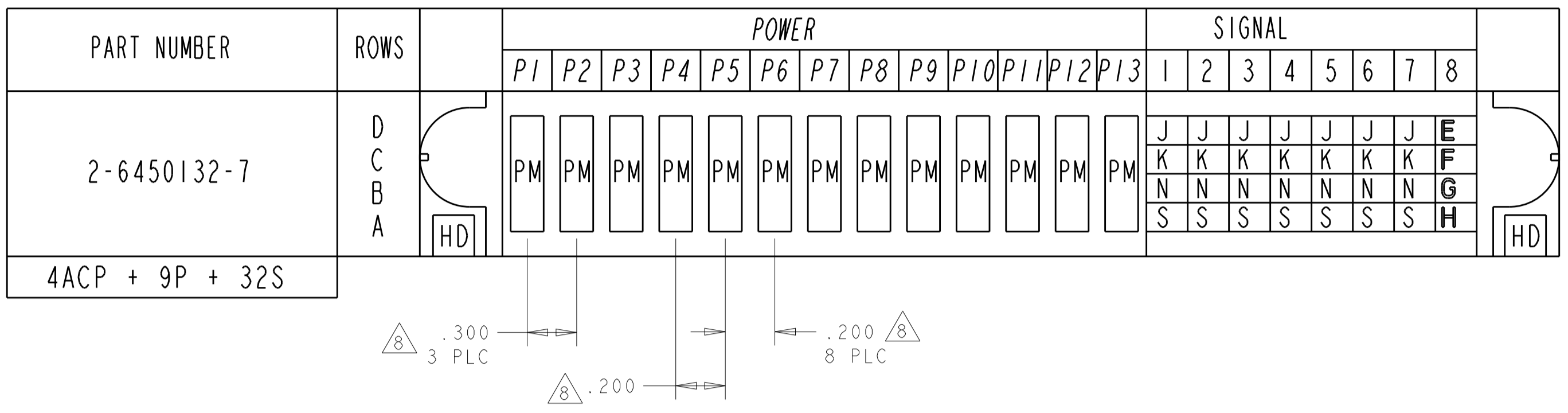
SCALE: 1:1
 SHEET: 9 OF 11
 REV: E3

LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1			



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI	TOFEB05	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE	TOFEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°		APVD: M. PERCHERKE		NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -
MATERIAL: -		SIZE: A100779 CAGE CODE: C=6450132 CUSTOMER DRAWING		RESTRICTED TO: - SCALE: 1:1 SHEET: 10 OF 11 REV: E3

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°	DWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE	10FEB05 10FEB05	 TE Connectivity	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
MATERIAL: -	FINISH: -	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038		SIZE: CAGE CODE DRAWING NO: A100779C=6450132
CUSTOMER DRAWING		SCALE: 1:1		SHEET 11 OF 11 REV: E3	