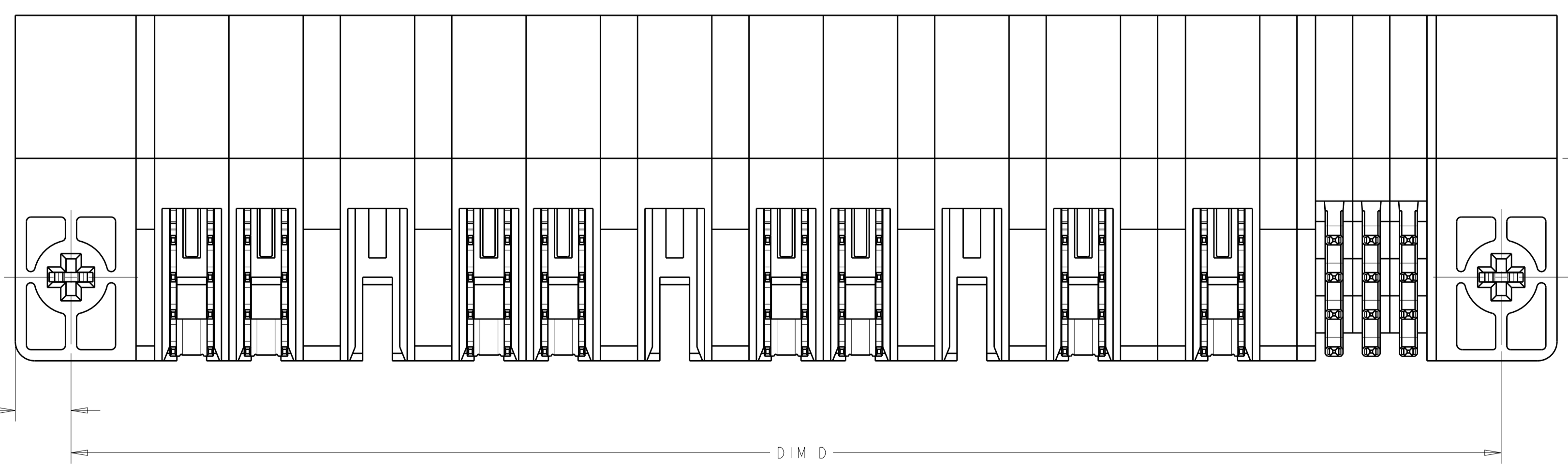
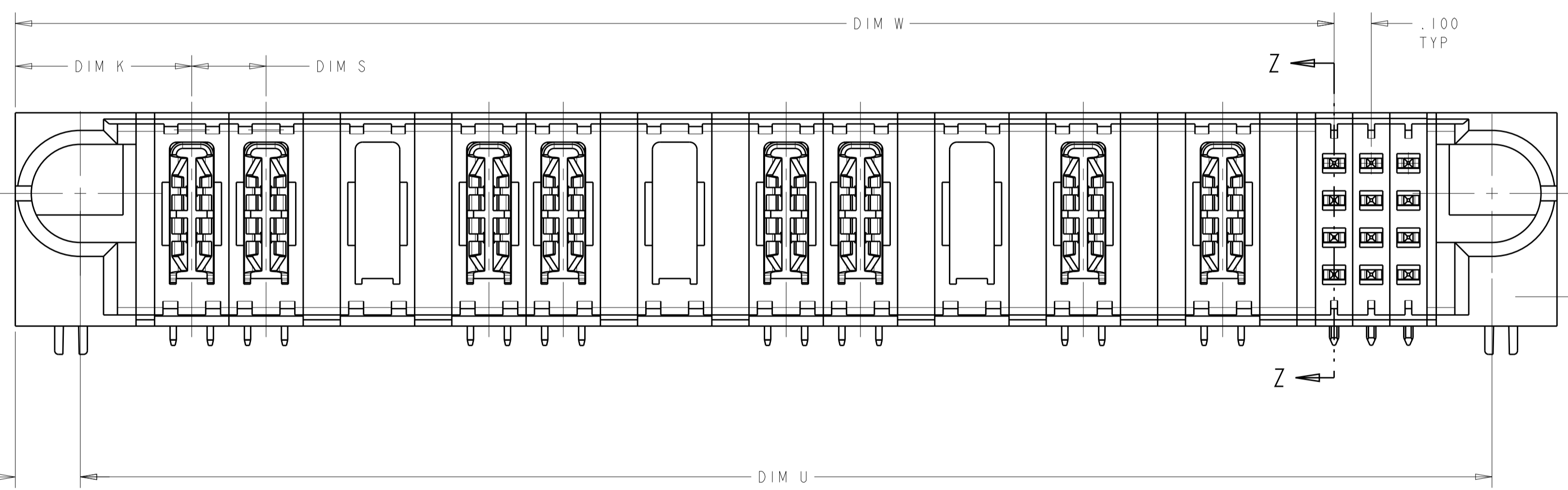
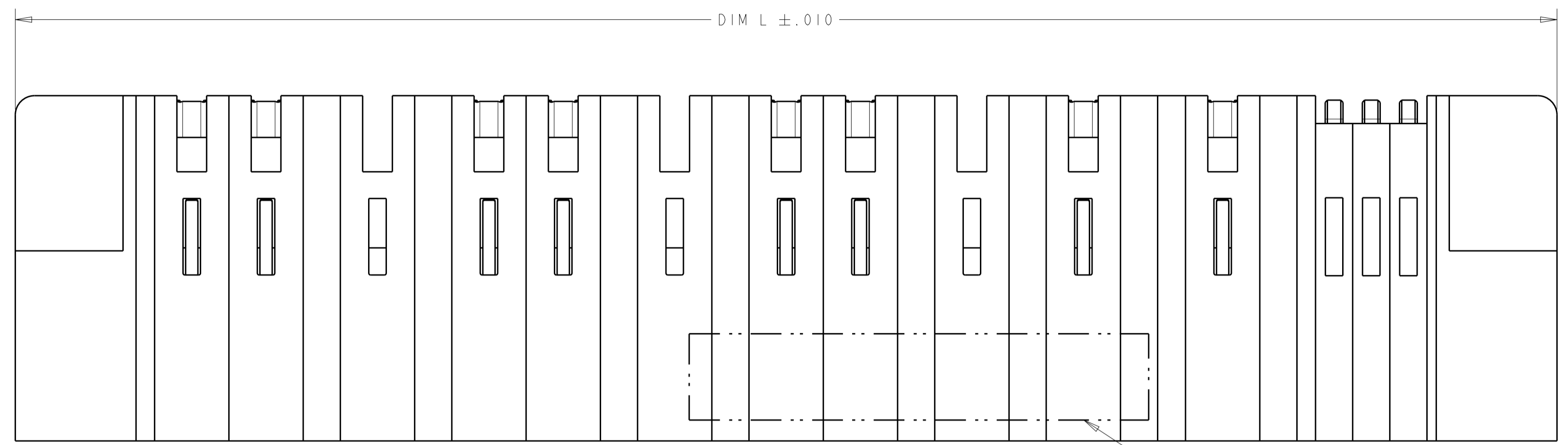
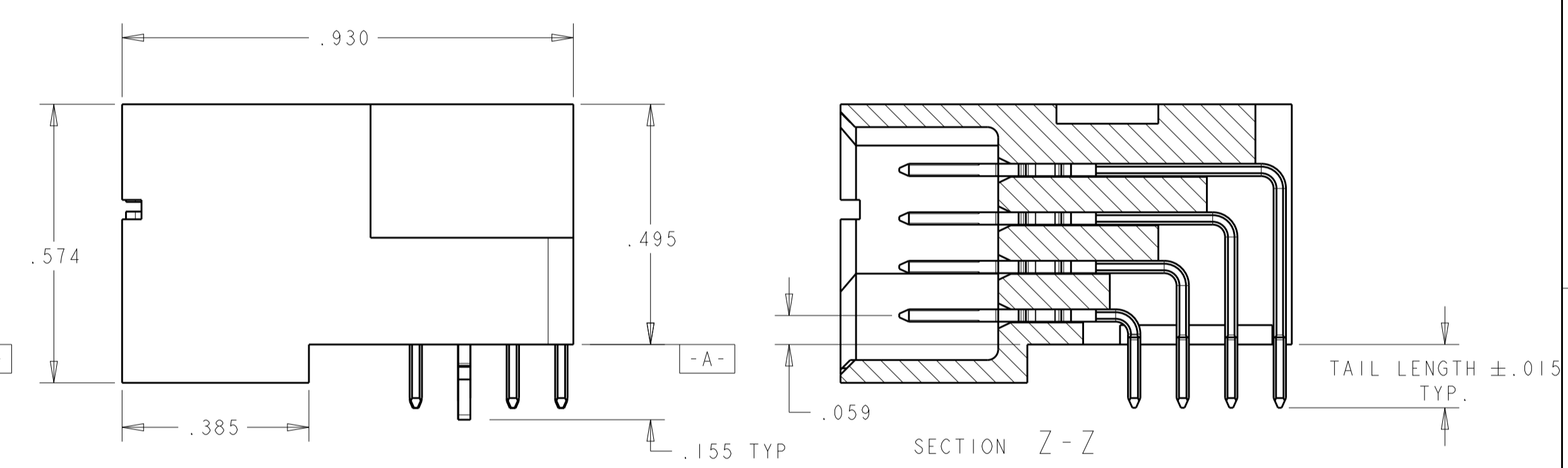


LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD
E8		RELEASE 2-3	10AUG2014	CZ	SZ
E9		ADD NEW DASH NUMBER 3-0	19AUG2014	CZ	SZ



- 1 "AMP" TRADEMARK, PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN
- 2 MATERIAL:
HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, 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 HOLES DIAMETERS ARE FINISHED HOLE SIZES.
- 7 PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN. Sn OVER .001 TO .003 CU PLATING TO ACHIEVE A .040±.003 DIA HOLE.
- 8 NOT RELEASED FOR PRODUCTION
- 9 VARIABLE DIMENSIONS SHOWN ON VIEW (SHEET 2)



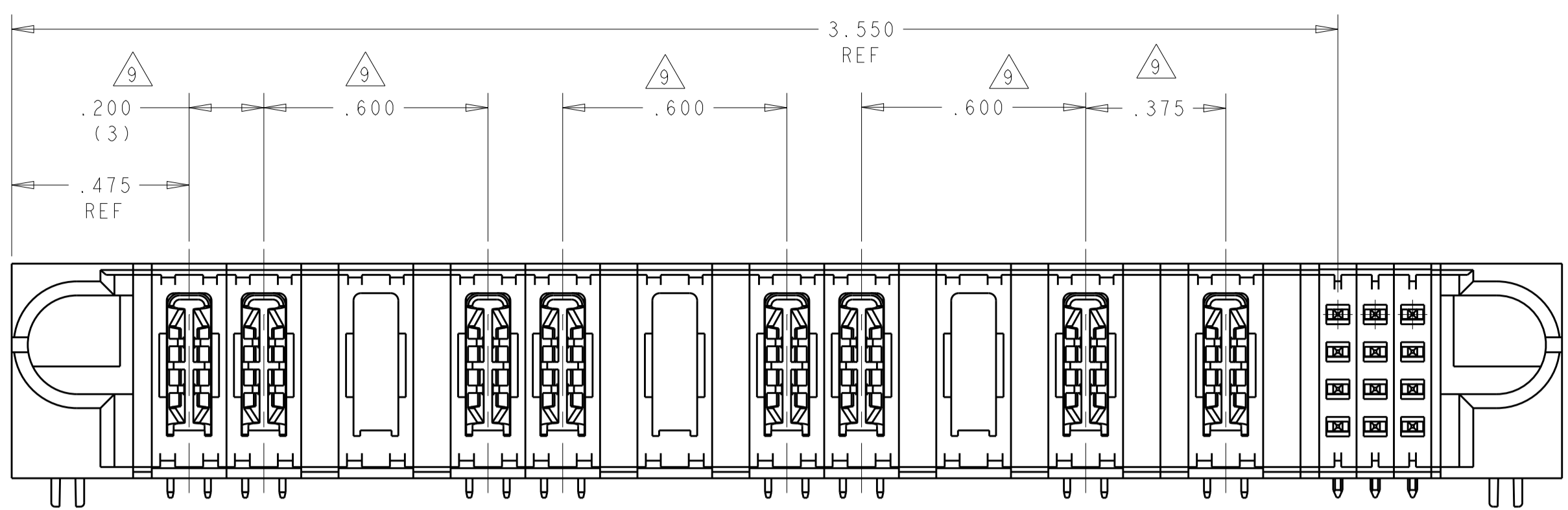
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE	02FEB05 02FEB05	STE TE Connectivity
DIMENSIONS: INCHES		APVD M. PERCHERKE		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL		RESTRICTED TO
0 PLC ±. 1 PLC ±.01 2 PLC ±.005 3 PLC ±.0020 4 PLC ±.0020 ANGLES ±.2		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		
MATERIAL	FINISH	WEIGHT	SIZE A100779	CAGE CODE C=6450122
CUSTOMER DRAWING		SCALE 4:1	SHEET 1	OF 10
		REV E9		

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
 © COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

LOC		DIST		REVISIONS			
P	LYN	DESCRIPTION	DATE	OWN	APVD		
-	-	SEE SHEET 1	-	-	-		

E9	1.700	.250	1.375	1.750	.450	2.050	4P + 16S	3-6450122-0
	2.400	.250	1.875	2.450	.450	2.750	6P + 24S	2-6450122-9
	1.300	.250	1.175	1.350	.450	1.650	3P + 8S	2-6450122-8
	2.050	.250	1.925	2.100	.450	2.400	6P + 8S	2-6450122-7
	4.425	.200	2.200	4.475	.450	4.775	9P + 92S	2-6450122-6
	2.900	.250	2.375	2.950	.450	3.250	8P + 24S	2-6450122-5
	2.700	.250	.875	2.750	.450	3.050	2P + 76S	2-6450122-4
	2.300	.250	1.875	2.350	.450	2.650	6P + 20S	2-6450122-3
	3.200	.250	2.875	3.250	.450	3.550	10P + 16S	2-6450122-2
	1.650	.200	1.225	1.700	.450	2.000	4P + 20S	2-6450122-1
	2.950	.200	2.425	3.000	.450	3.300	10P + 24S	2-6450122-0
	1.800	.250	1.375	1.850	.450	2.150	4P + 20S	1-6450122-9
	2.250	.250	1.975	2.300	.475	2.600	6P + 12S	1-6450122-7
	1.000	.250	.875	1.050	.450	1.350	2P + 8S	1-6450122-6
	1.850	.300	1.325	1.900	.475	2.200	3ACP + 24S	1-6450122-2
	5.900	.250	5.375	5.950	.450	6.250	20P + 24S	1-6450122-1
	1.400	.250	.875	1.450	.450	1.750	2P + 24S	1-6450122-0
	3.050	.250	2.125	3.100	.450	3.400	7P + 40S	6450122-8
	4.425	.250	3.875	4.475	.450	4.775	14P + 24S	6450122-6
	3.800	.250	3.550	3.850	.475	4.150	11P + 12S	6450122-3
	4.600	.250	3.875	4.650	.450	4.950	14P + 32S	6450122-2
	3.800	.250	3.550	3.850	.475	4.150	11P + 12S	6450122-1
	DIM U	DIM S	DIM W	DIM D	DIM K	DIM L	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R. GRZYBOWSKI	02FEB05		TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE	02FEB05		NAME RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE		PRODUCT SPEC		
0 PLC ±.01		APPLICATION SPEC		SIZE		
1 PLC ±.01		114-13038		CAGE CODE		
3 PLC ±.005		WEIGHT		DRAWING NO		
4 PLC ±.0020		CUSTOMER DRAWING		A100779		
ANGLES ±.020		SCALE		SHEET		
FINISH		4:1		2 OF 10		
		REV		E9		



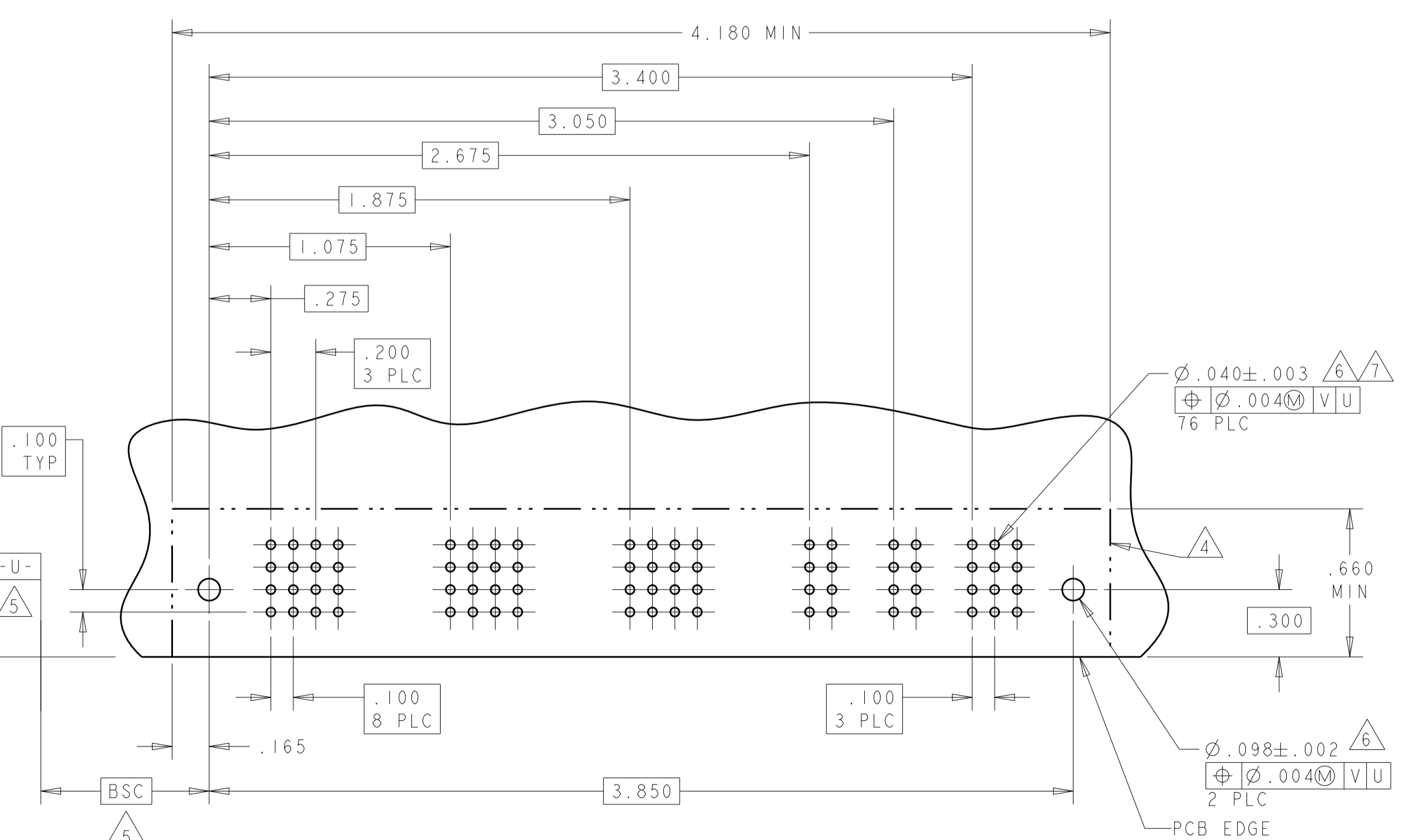
SCALE 3:1

PART NUMBER	ROWS	POWER										SIGNAL			
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	1	2	3
6450122-1	D C B A	PM	PM		PM	PM		PM	PM		PM	PM	J	J	J
												K	K	K	
												N	N	N	
												S	S	S	

NO CONTACT LOADED

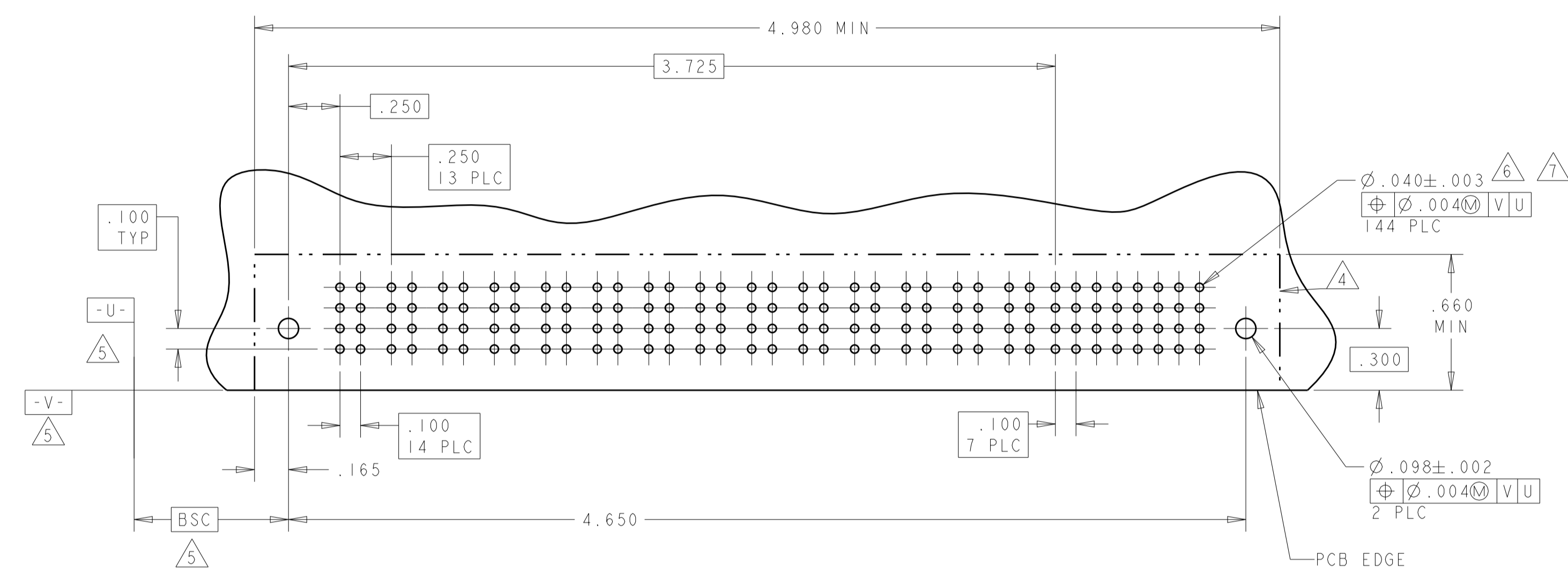
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6450122-3	D C B A	PM			PM			PM			PM	PM	J	J	J
												K	K	K	
												N	N	N	
												S	S	S	

NO CONTACT LOADED



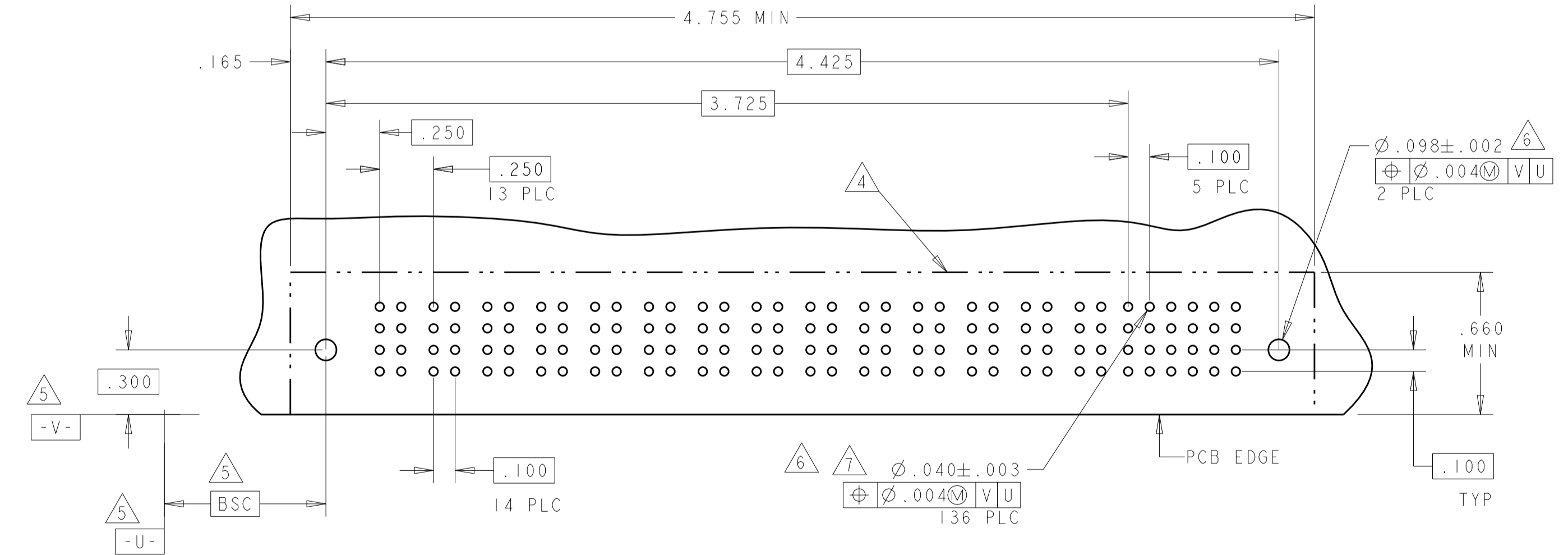
PART NUMBER	ROWS	POWER														SIGNAL							
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	1	2	3	4	5	6	7	8
6450122-2	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	
														K	K	K	K	K	K	K	K		
														N	N	N	N	N	N	N	N		
														S	S	S	S	S	S	S	S		

14P + 32S



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
6450122-6	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	
														K	K	K	K	K	K		
														N	N	N	N	N	N		
														S	S	S	S	S	S		

14P + 24S



Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
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
Z			D
Y			C
R			B
O			A

SIGNAL CONTACT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
INCHES	0 PLC ±.01
	1 PLC ±.01
	2 PLC ±.005
	3 PLC ±.002
	4 PLC ±.002
	ANGLES ±.02
	FINISH #2

OWN: R. GRZYBOWSKI	02FEB05
CHK: M. PERCHERKE	02FEB05
APVD: M. PERCHERKE	
PRODUCT SPEC	
108-1973	
APPLICATION SPEC	
114-13038	
WEIGHT	

PA .090
PM .135
CODE TAIL LENGTH
POWER CONTACT

STE TE Connectivity

RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL

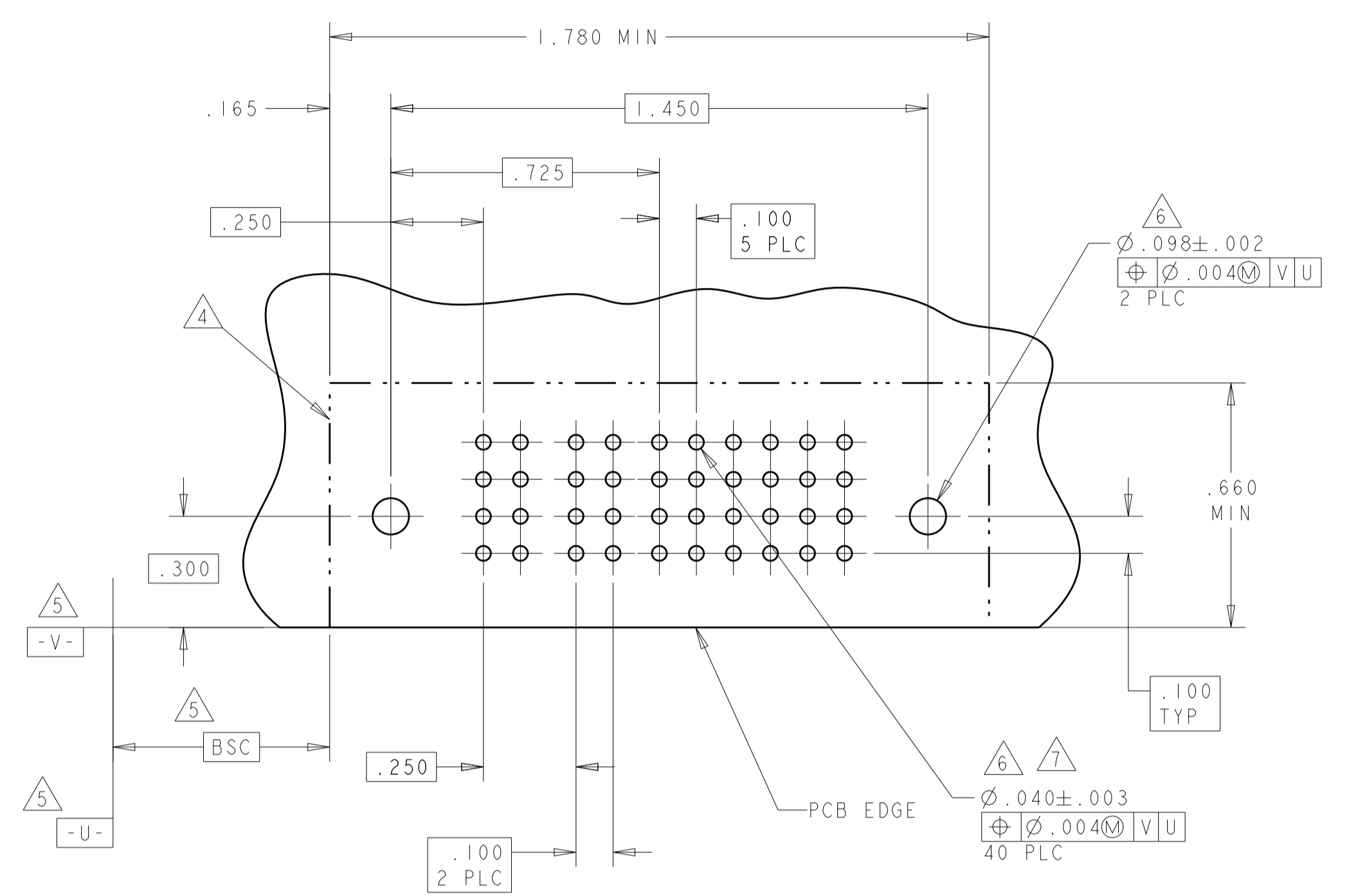
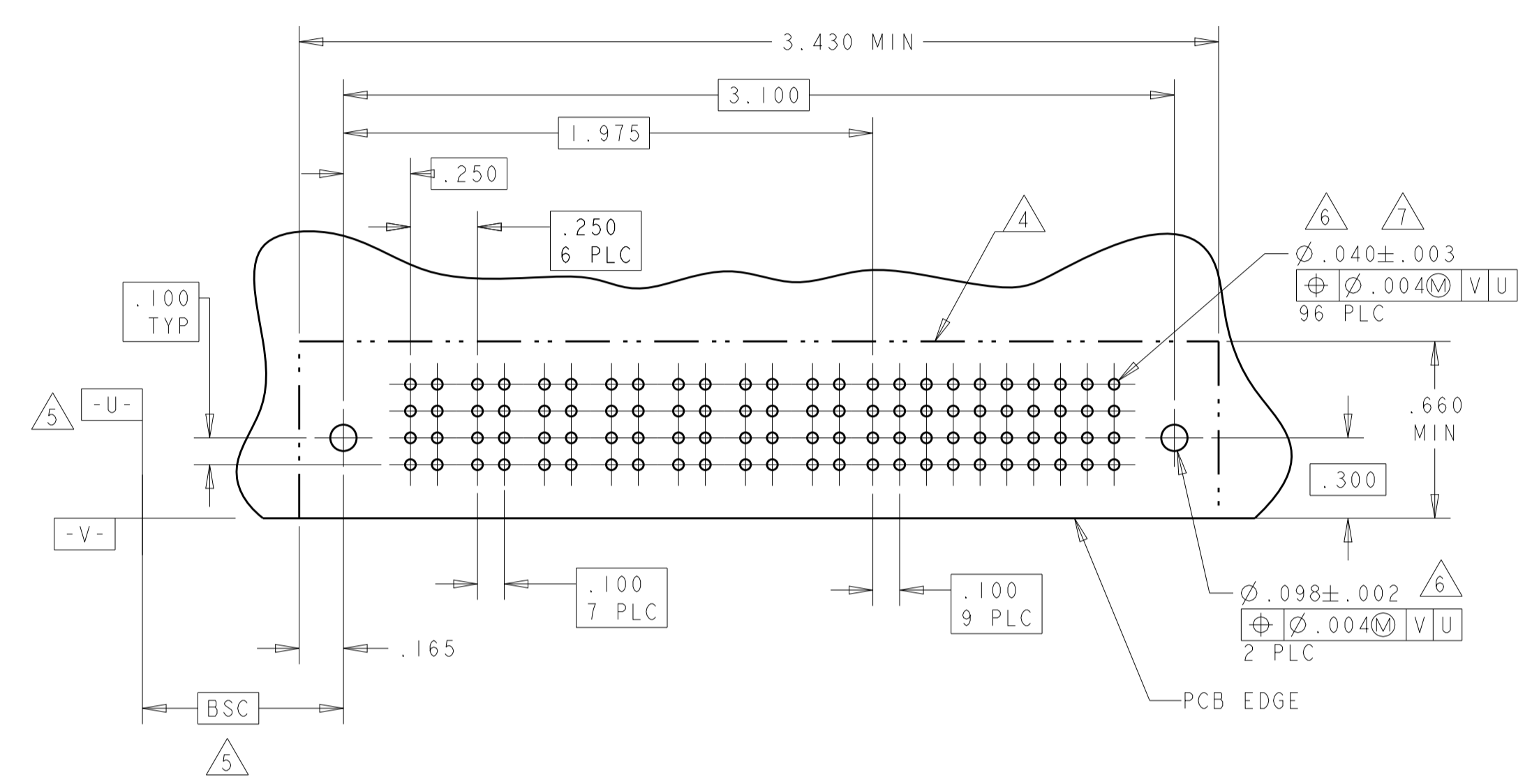
SIZE: A1 100779 C=6450122
CAGE CODE: 114-13038
DRAWING NO: 108-1973

CUSTOMER DRAWING SCALE: 4:1 SHEET 3 OF 10 REV: E9

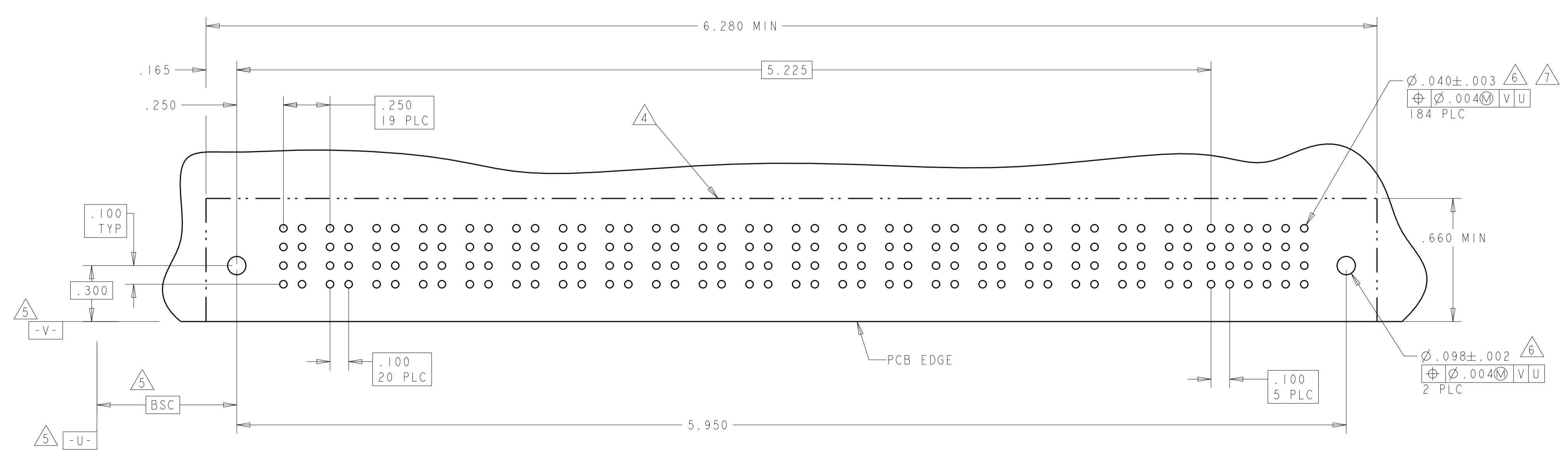
LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPV
		1			
		SEE SHEET 1			

PART NUMBER	ROWS	POWER							SIGNAL									
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	7	8	9	10
6450122-8	D C B A	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J
									K	K	K	K	K	K	K	K	K	K
									N	N	N	N	N	N	N	N	N	N
									S	S	S	S	S	S	S	S	S	S
7P + 40S																		

PART NUMBER	ROWS	POWER		SIGNAL					
		P1	P2	1	2	3	4	5	6
1-6450122-0	D C B A	PM	PM	J	J	J	J	J	J
				K	K	K	K	K	K
				N	N	N	N	N	N
				S	S	S	S	S	S
2P + 24S									



PART NUMBER	ROWS	POWER																				SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	1	2	3	4	5	6
1-6450122-1	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J
																						K	K	K	K	K	K
																						N	N	N	N	N	N
																						S	S	S	S	S	S
20P + 24S																											



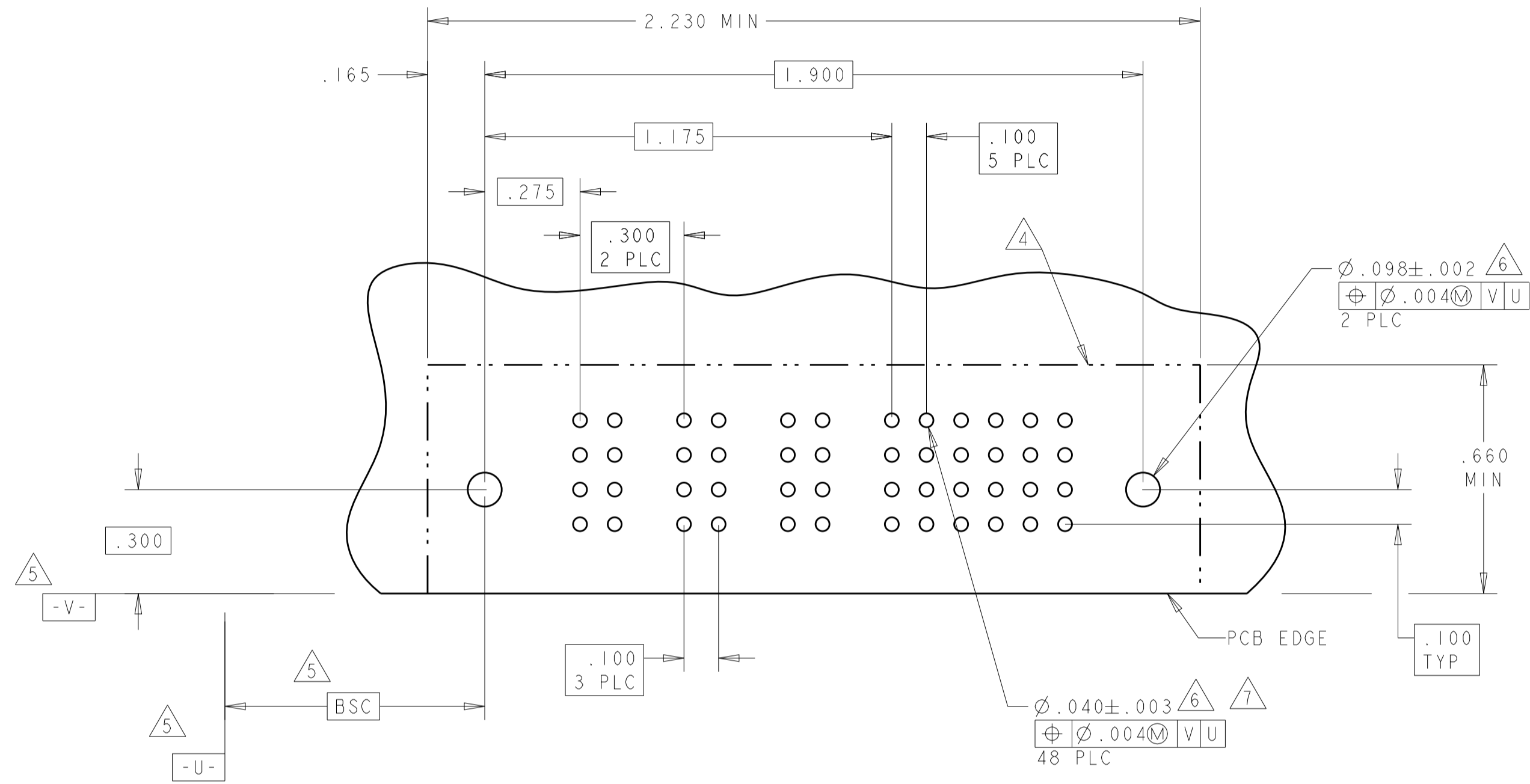
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI	02FEB05	TE Connectivity
0 PLC ±. 1 PLC ±.01 3 PLC ±.05 4 PLC ±.0020 ANGLES ±.2	APVD: M. PERCHERKE PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - FINISH: -	CHK: M. PERCHERKE	02FEB05	
MATERIAL: -	SCALE: 4:1	NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL		RESTRICTED TO: -
CUSTOMER DRAWING		SIZE: A1	CAGE CODE: 100779	DRAWING NO: 6450122
		SHEET: 4	OF: 10	REV: E9

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

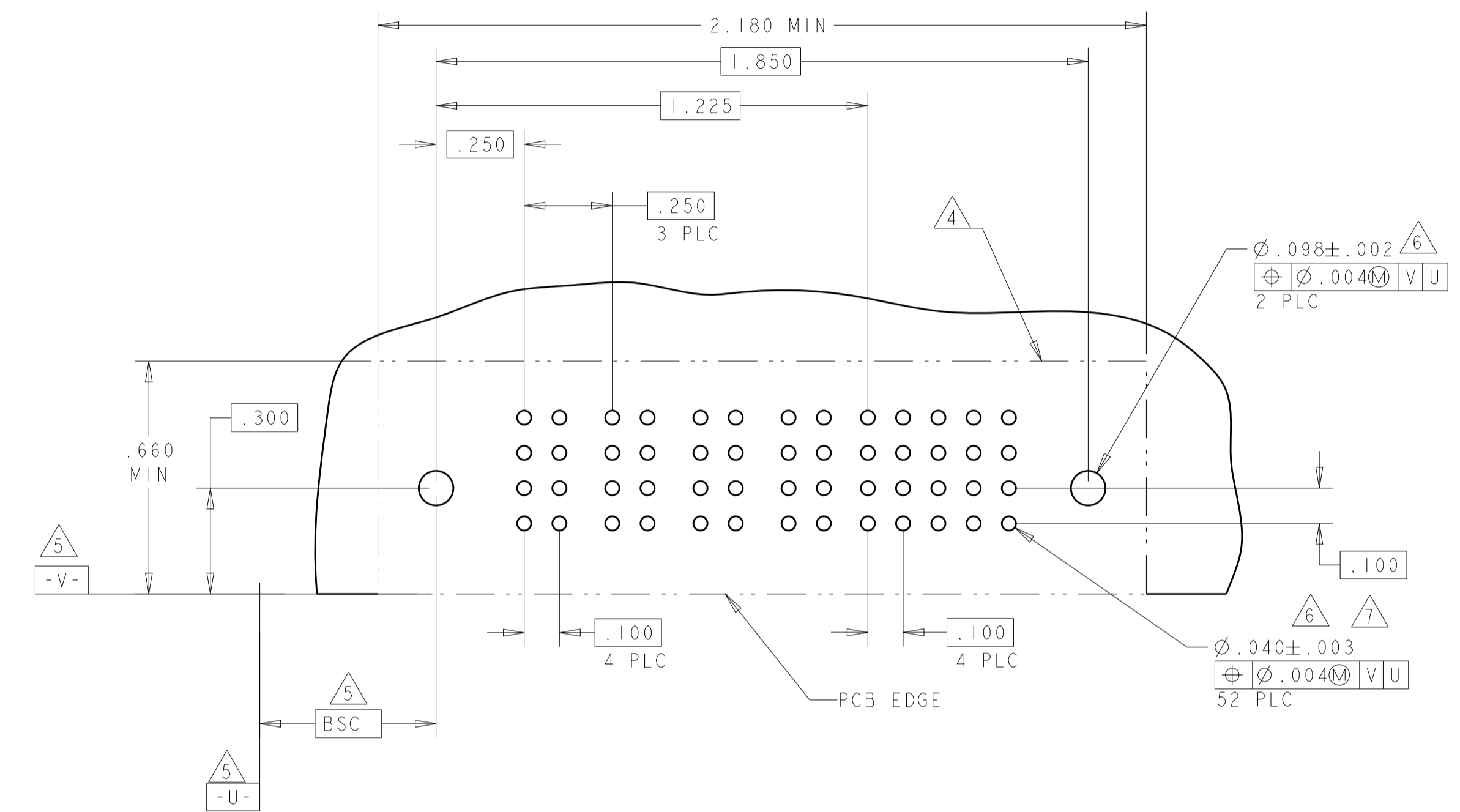
PART NUMBER	ROWS	POWER			SIGNAL					
		P1	P2	P3	1	2	3	4	5	6
1-6450122-2	D	PM	PM	PM	J	J	J	J	J	J
	C				K	K	K	K	K	K
	B				N	N	N	N	N	N
	A				S	S	S	S	S	S

3ACP + 24S



PART NUMBER	ROWS	POWER				SIGNAL				
		P1	P2	P3	P4	1	2	3	4	5
1-6450122-9	D	PM	PM	PM	PM	J	J	J	J	J
	C					K	K	K	K	K
	B					N	N	N	N	N
	A					S	S	S	S	S

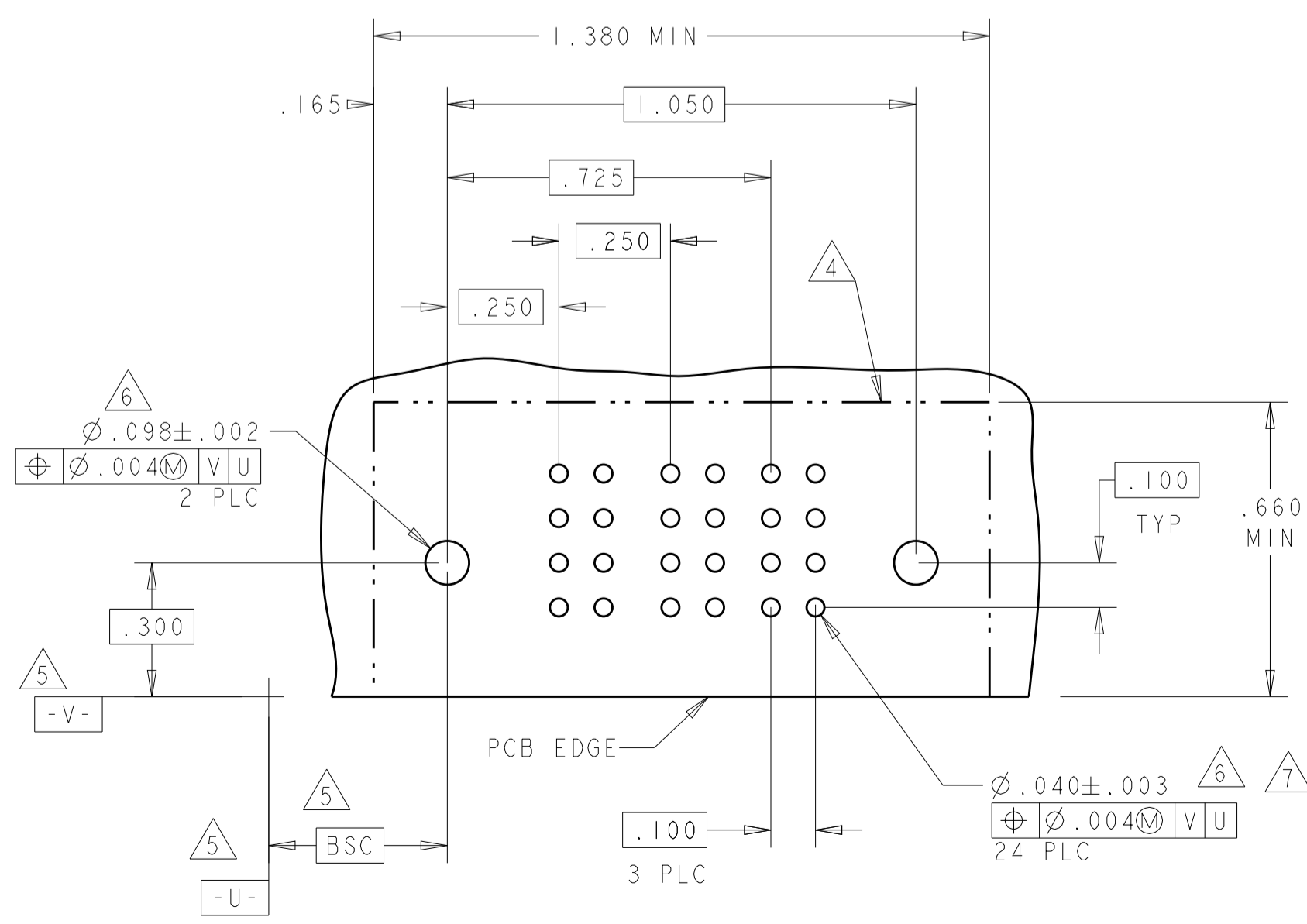
4P + 20S



NO CONTACTS LOADED

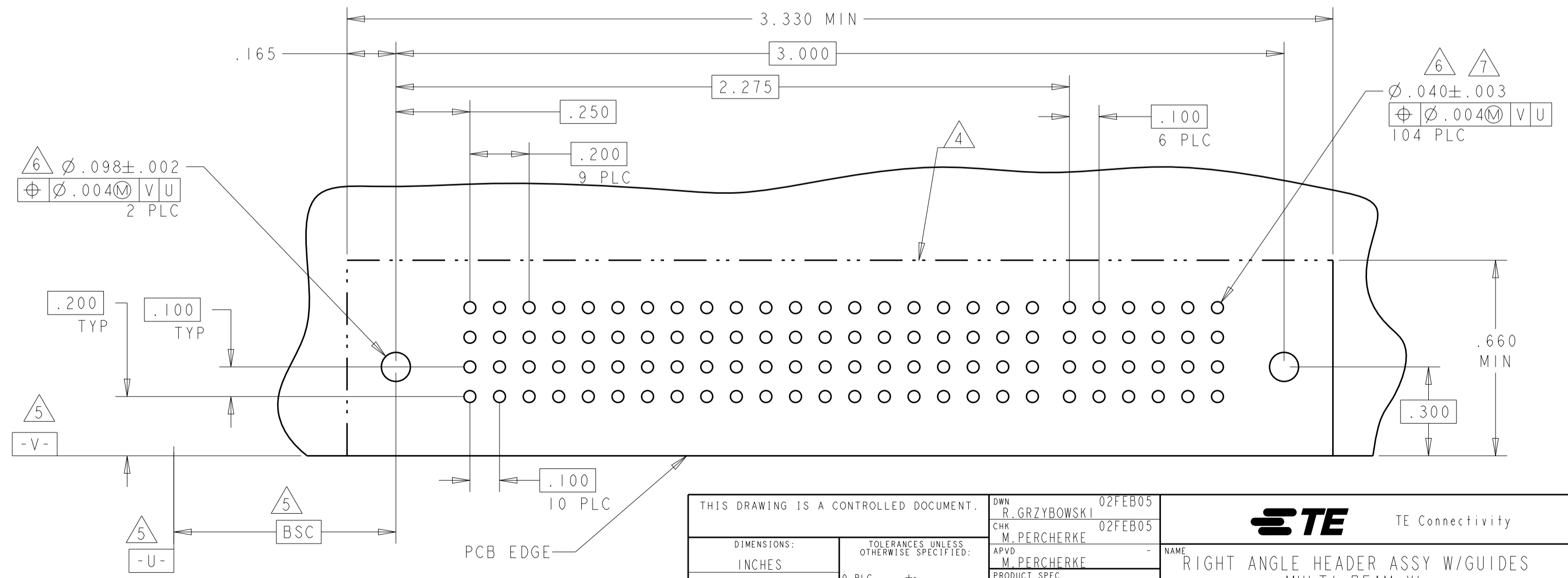
PART NUMBER	ROWS	POWER		SIGNAL	
		P1	P2	1	2
1-6450122-6	D	PM	PM	J	J
	C			K	K
	B			N	N
	A			S	S

2P + 8S



PART NUMBER	ROWS	POWER										SIGNAL											
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6						
2-6450122-0	D	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM						
	C																	J	J	J	J	J	J
	B																	K	K	K	K	K	K
	A																	N	N	N	N	N	N

10P + 24S



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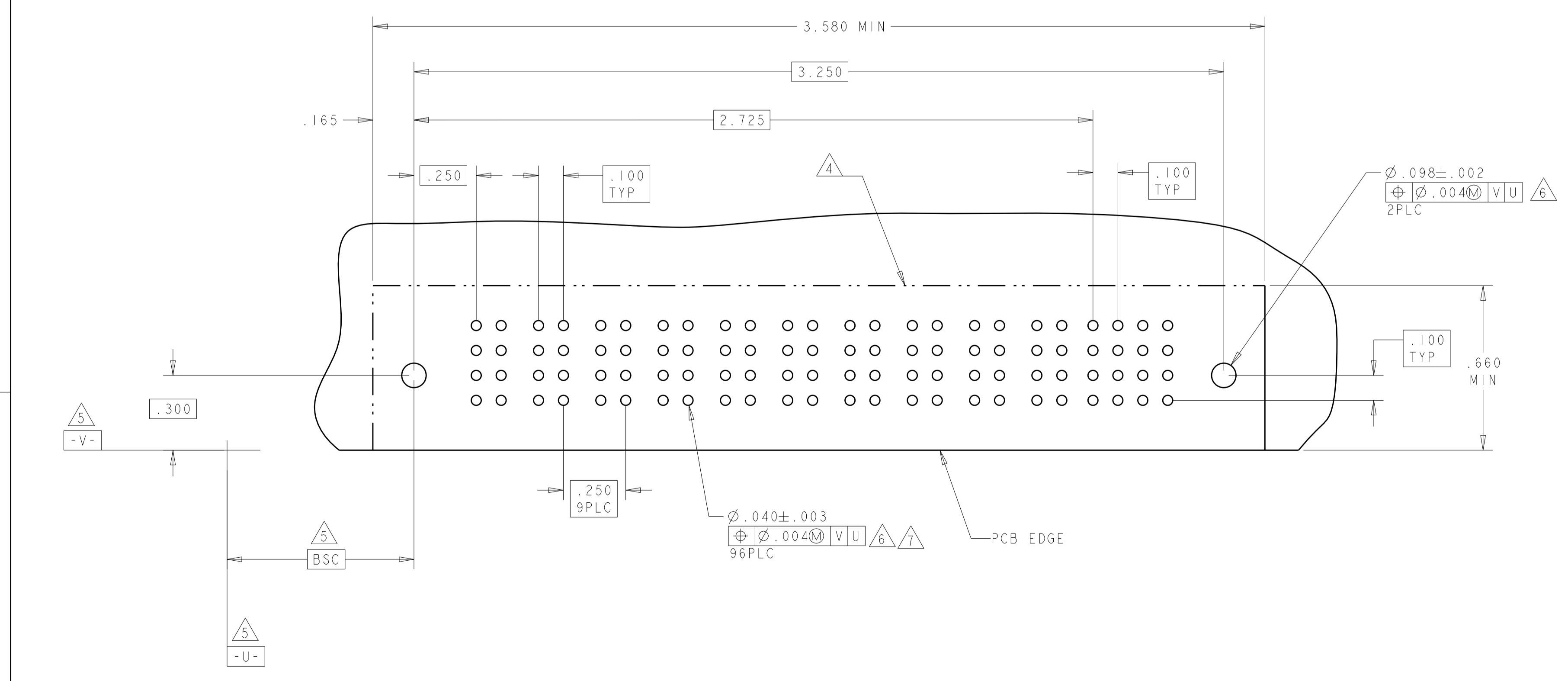
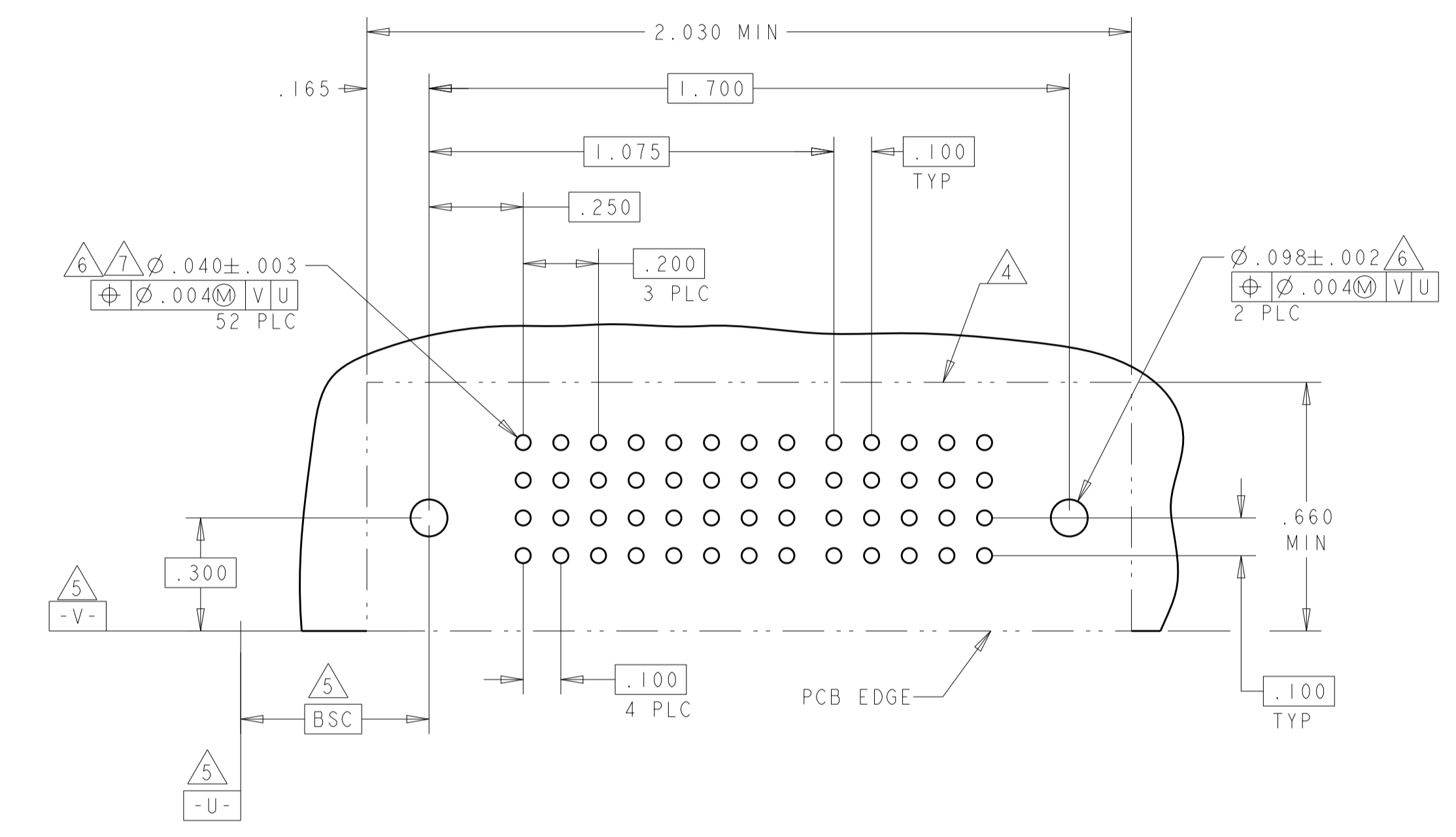
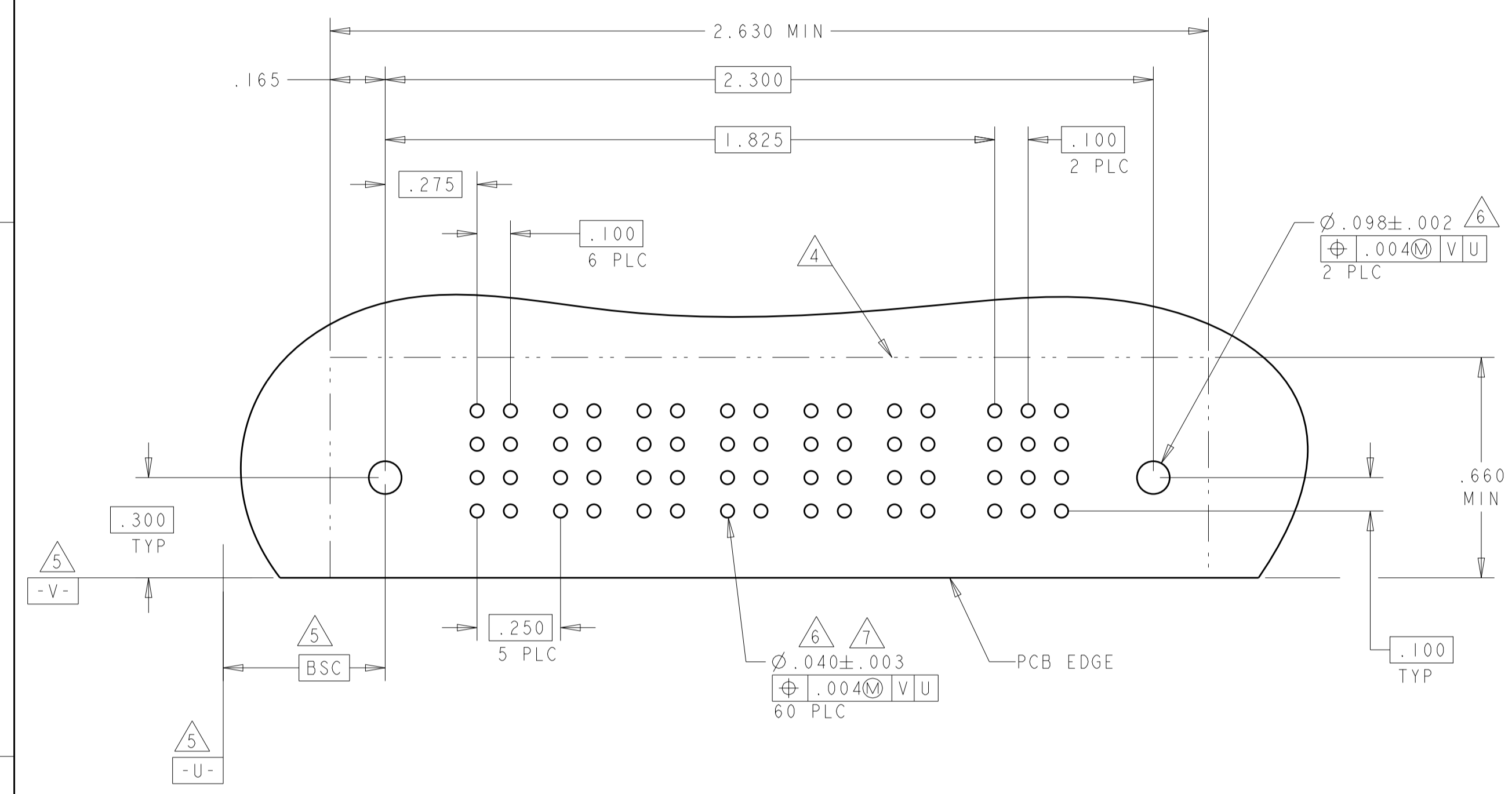
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DMN: R. GRZYBOWSKI 02FEB05	CHK: M. PERCHERKE 02FEB05	APVD: M. PERCHERKE	NAME: M. PERCHERKE
MATERIAL:	FINISH:	0 PLC ±.01	1 PLC ±.01	2 PLC ±.01	3 PLC ±.01
		4 PLC ±.005	5 PLC ±.005	6 PLC ±.005	7 PLC ±.005
ANGLES: ±.0020		APPLIC: 108-1973		PRODUCT SPEC	
CUSTOMER DRAWING		WEIGHT: 114-13038		SIZE: 108-1973	
SCALE: 4:1		SHEET: 5 OF 10		DRAWING NO: A100779	
REV: E		CAGE CODE: 6450122		DRAWING NO: 6450122	

STE TE Connectivity
 RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL

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	1	2	3
1-6450122-7	D	PM	PM	PM	PM	PM	PM	J	J	J
	C							K	K	K
	B							N	N	N
	A							S	S	S
6P + 12S		HD								HD

PART NUMBER	ROWS	POWER				SIGNAL				
		P1	P2	P3	P4	1	2	3	4	5
2-6450122-1	D	PM	PM	PM	PM	J	J	J	J	J
	C					K	K	K	K	
	B					N	N	N	N	
	A					H	H	H	H	
4P + 20S		HD								HD



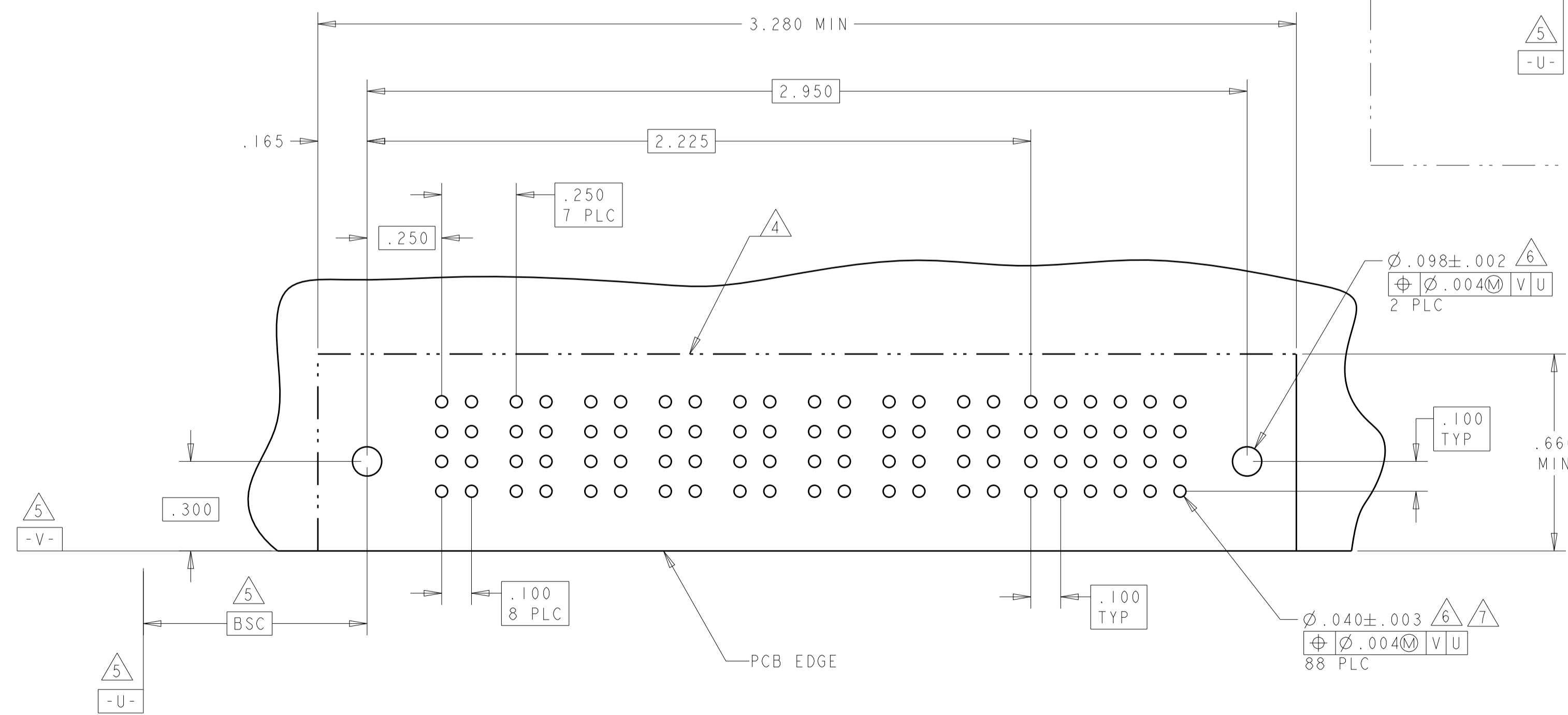
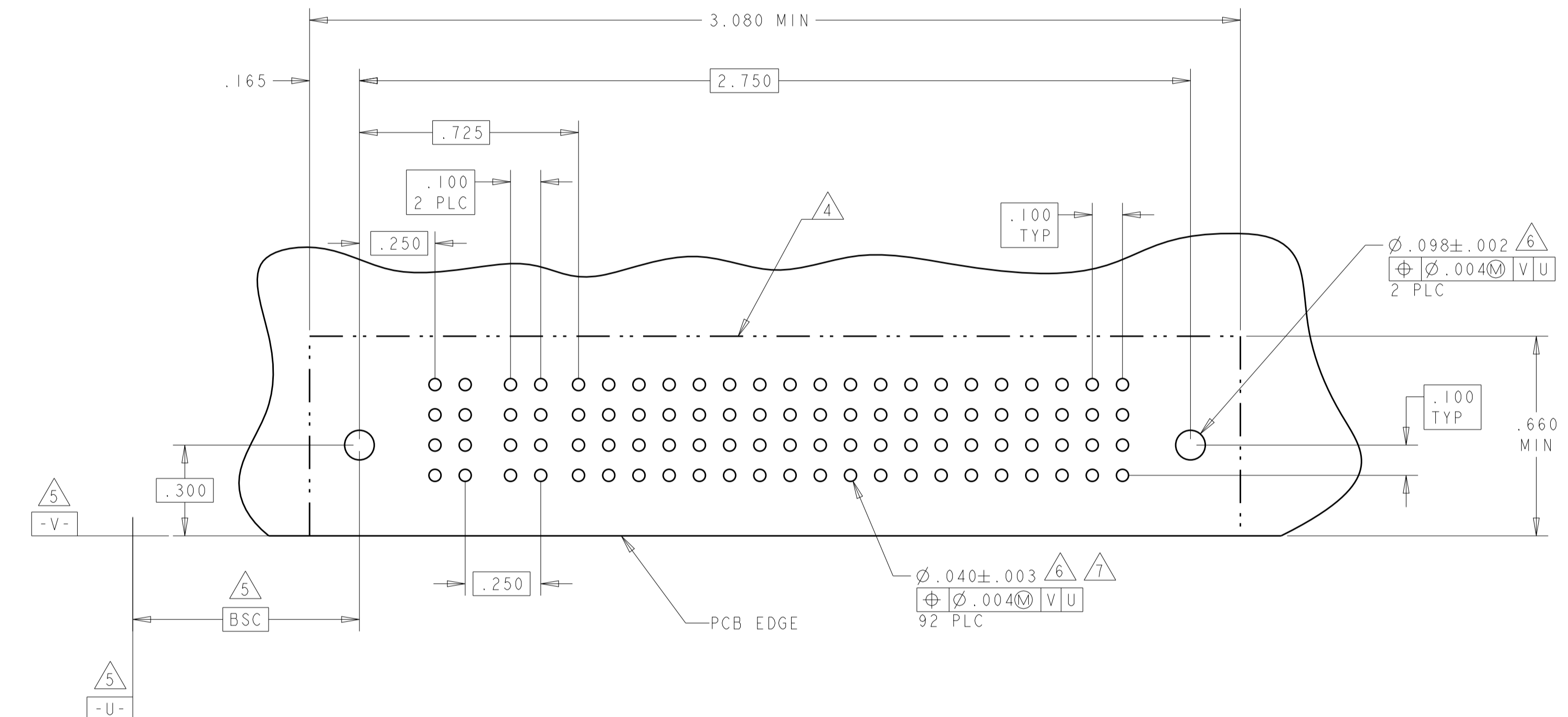
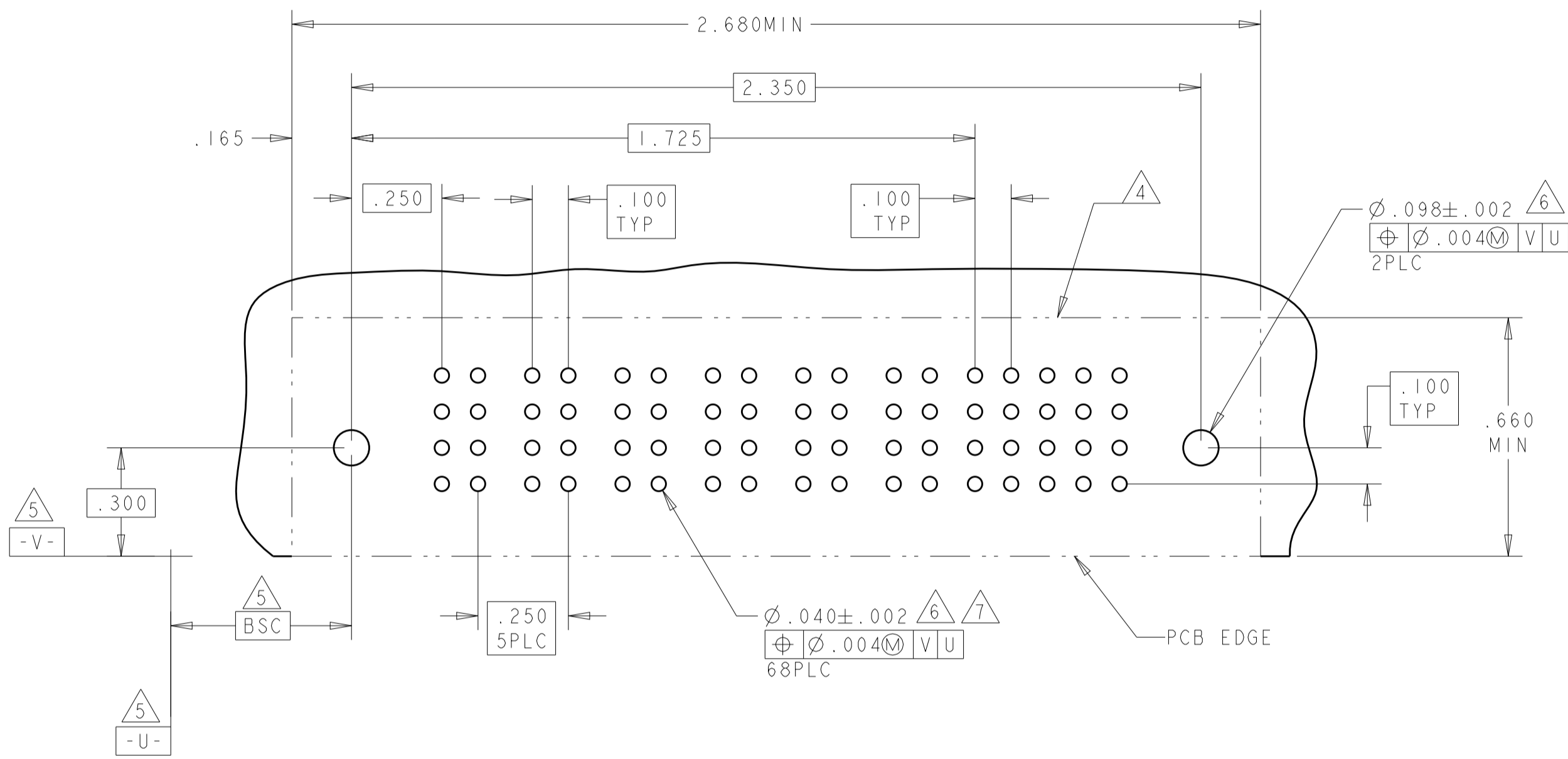
PART NUMBER	ROWS	POWER										SIGNAL							
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4				
2-6450122-2	D	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	
	C														K	K	K	K	
	B														N	N	N	N	
	A														S	S	S	S	
10P + 16S		HD																	HD

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. MATERIAL: FINISH: THIS DRAWING IS A CONTROLLED DOCUMENT. DWG: R.GRZYBOWSKI 02FEB05, CHK: M.PERCHEKKE 02FEB05, APVD: M.PERCHEKKE. NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL. PRODUCT SPEC: 108-1973, APPLICATION SPEC: 114-13038, WEIGHT: CUSTOMER DRAWING. SCALE: 4:1, SHEET: 6 OF 10, REV: E9.

STE TE Connectivity

PART NUMBER	ROWS	POWER						SIGNAL				
		P1	P2	P3	P4	P5	P6	1	2	3	4	5
2-6450122-3	D C B A	PM	PM	PM	PM	PM	PM	J	J	J	J	J
								K	K	K	K	K
								N	N	N	N	N
							S	S	S	S	S	
6P + 20S												

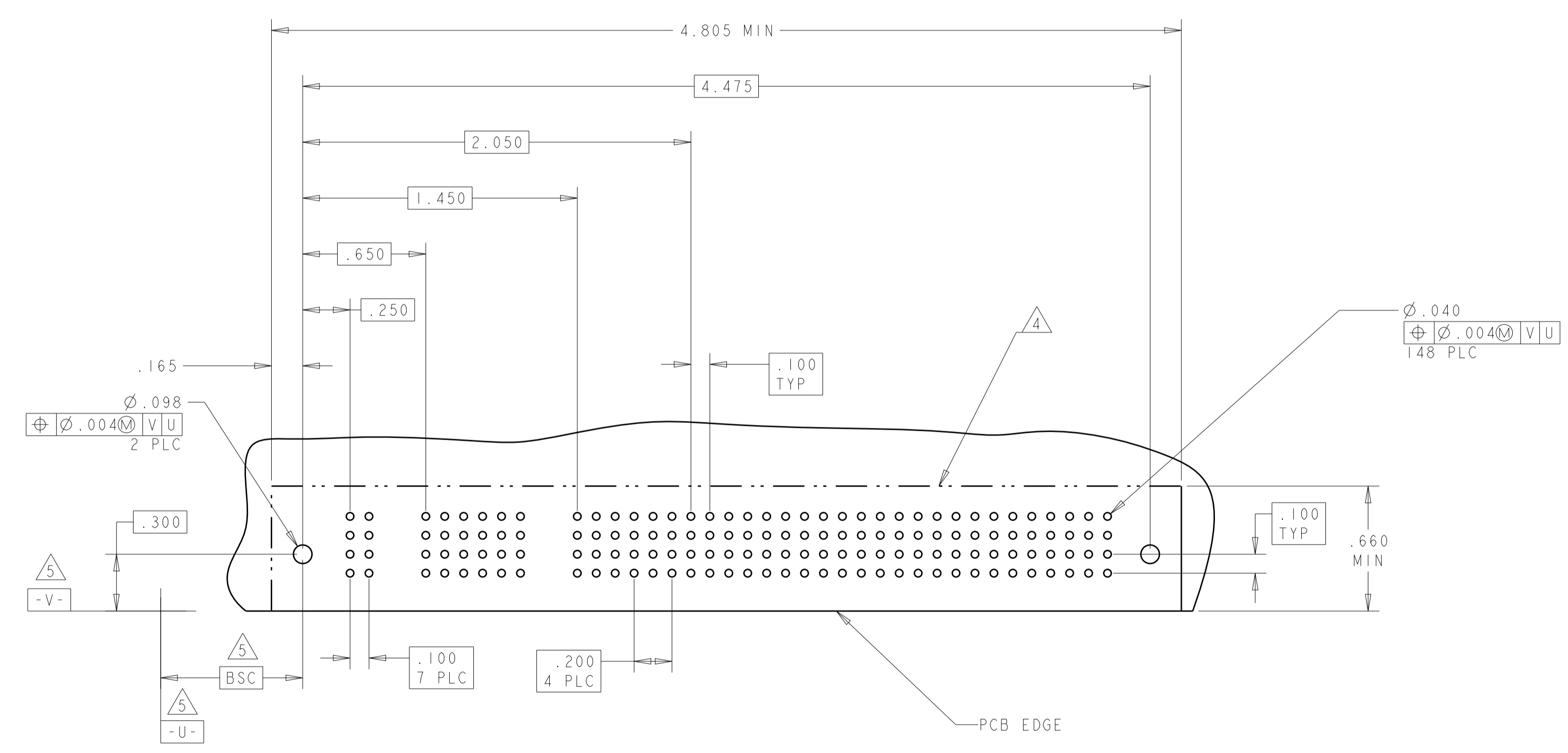
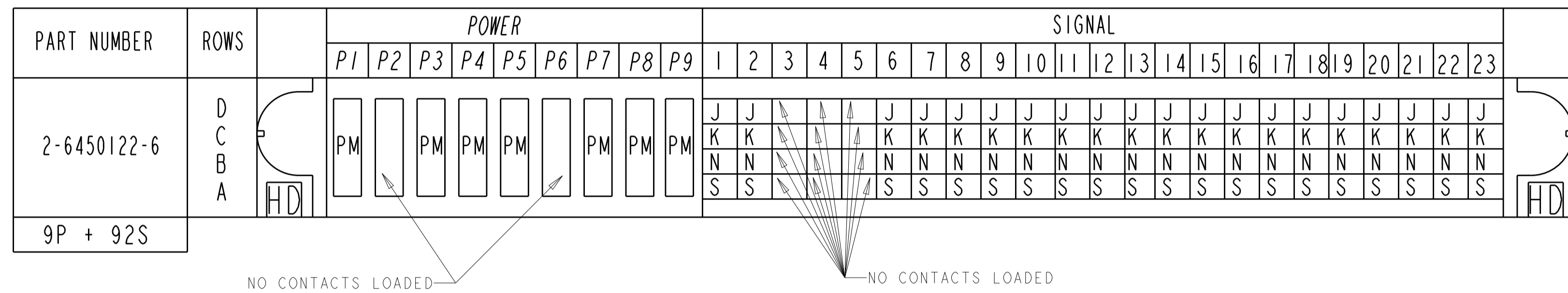
PART NUMBER	ROWS	POWER		SIGNAL																				
		P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
2-6450122-4	D C B A	PA	PA	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	
				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
				R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
				O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O		
2P + 76S																								



PART NUMBER	ROWS	POWER								SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6
2-6450122-5	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J
										K	K	K	K	K	K
										N	N	N	N	N	N
										S	S	S	S	S	
8P + 24S															

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 02FEB05	STE TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 02FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL
0 PLC ±.01		PRODUCT SPEC: 108-1973	
1 PLC ±.01		APPLICATION SPEC: 114-13038	SIZE: A1
2 PLC ±.01		WEIGHT: -	CAGE CODE: C=6450122
3 PLC ±.005		CUSTOMER DRAWING	SCALE: 4:1
4 PLC ±.002			SHEET 7 OF 10
ANGLES ±.020			REV: E9
FINISH: #2			

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: R. GRZYBOWSKI 02FEB05
 CHK: M. PERCHERKE 02FEB05

APVD: M. PERCHERKE

NAME: RIGHT ANGLE HEADER ASSY W/GUIDES
 MULTI-BEAM XL

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

SIZE: A1
 CAGE CODE: 6450122
 DRAWING NO: 100779

RESTRICTED TO: -

MATERIAL: -
 FINISH: -

WEIGHT: -

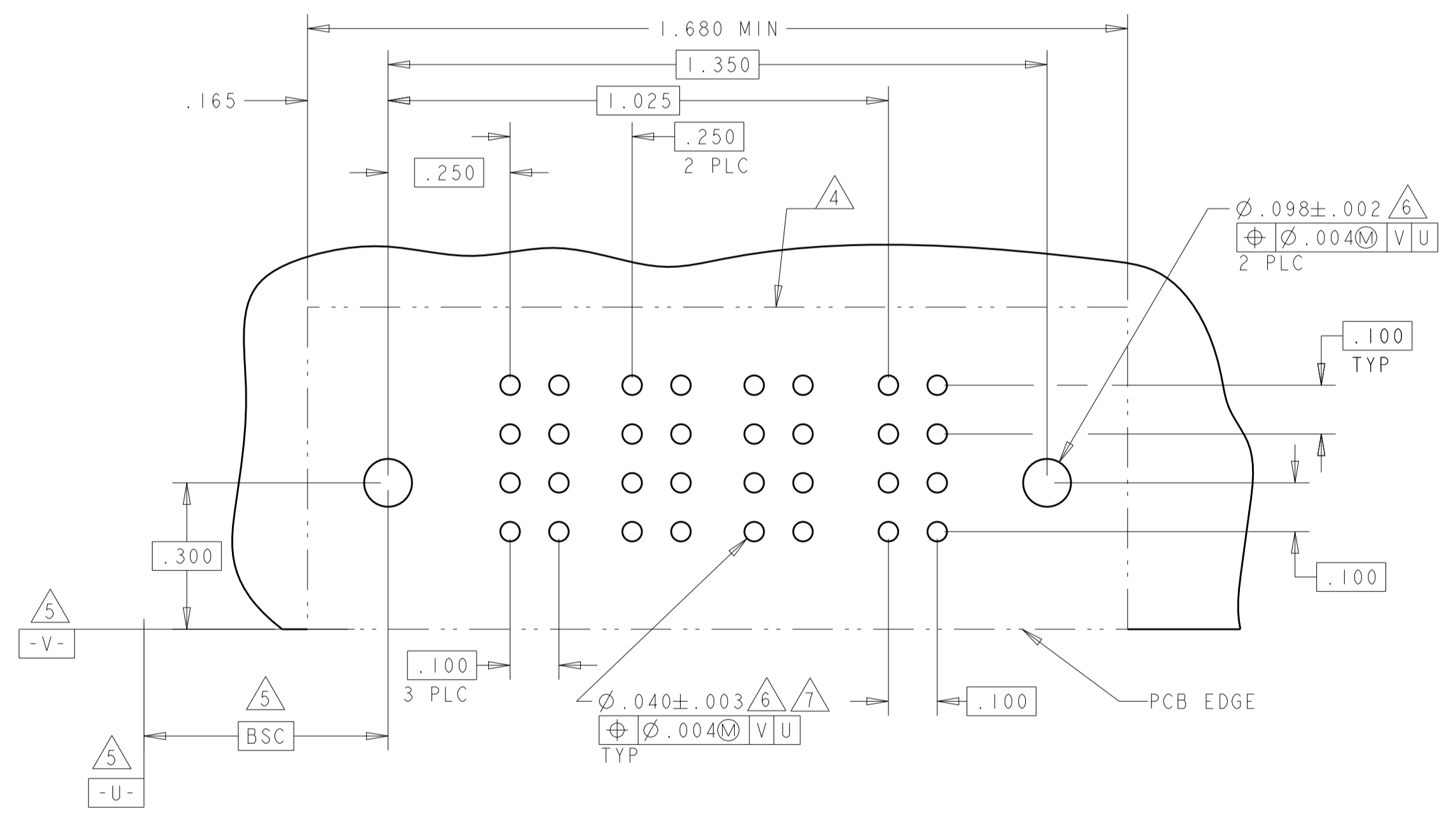
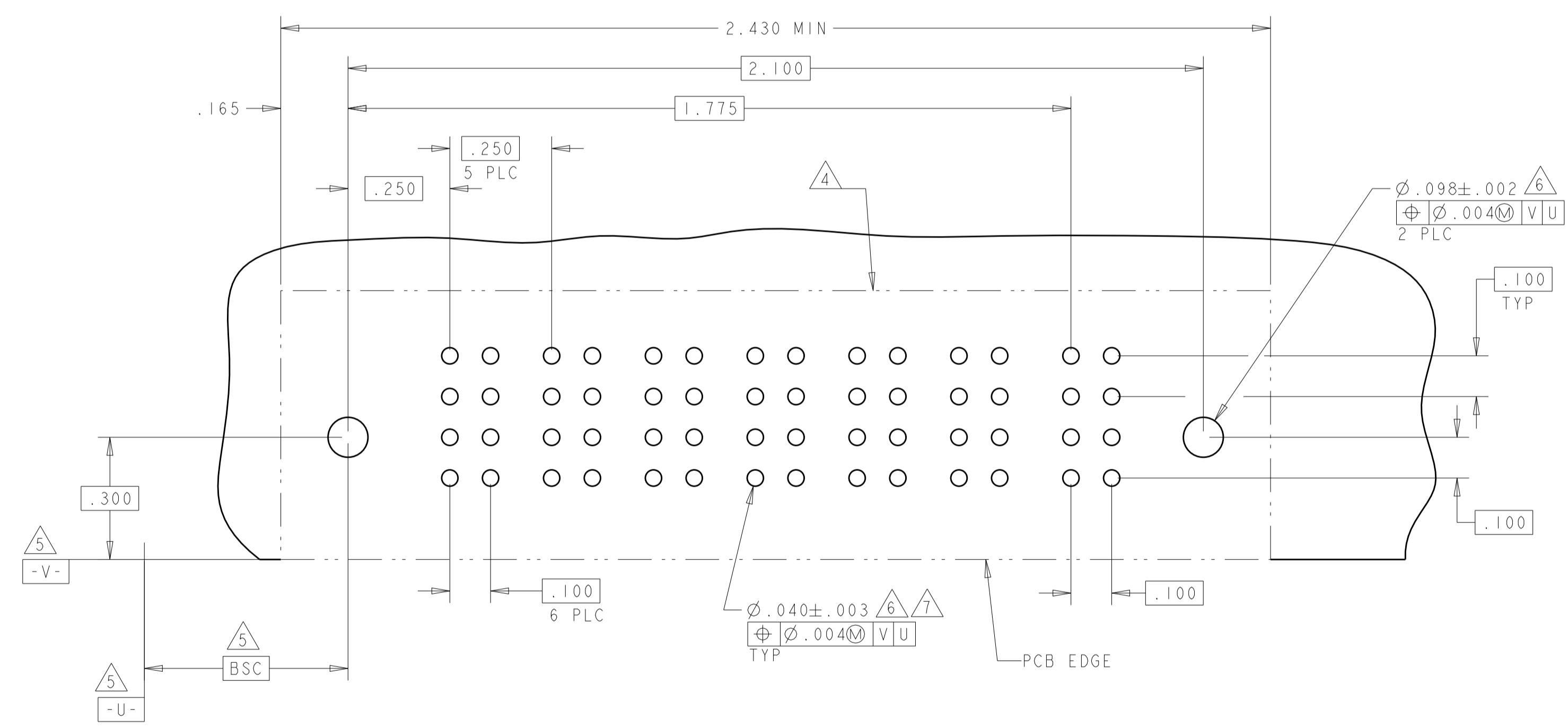
CUSTOMER DRAWING

SCALE: 4:1
 SHEET: 8 OF 10
 REV: E9

LOC		DIST		REVISONS			
GP	00	P	LYR	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1			

PART NUMBER	ROWS	POWER	SIGNAL							
			P1	P2	P3	P4	P5	P6	1	2
2-6450122-7	D C B A	PM PM PM PM PM PM	J	J						
			K	K						
			N	N						
			S	S						
6P + 8S										

PART NUMBER	ROWS	POWER	SIGNAL				
			P1	P2	P3	1	2
2-6450122-8	D C B A	PM PM PM	J	J			
			K	K			
			N	N			
			S	S			
3P + 8S							



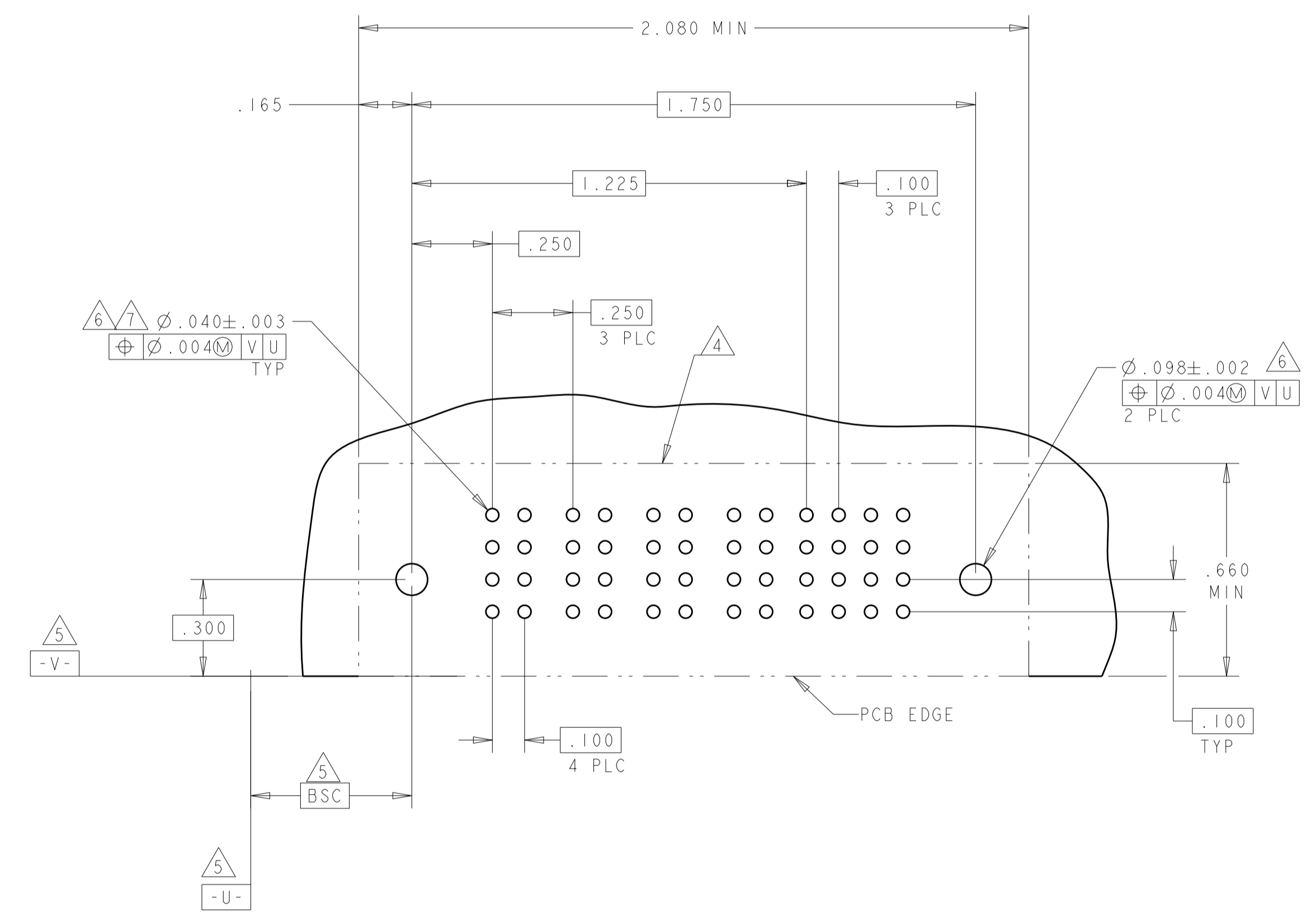
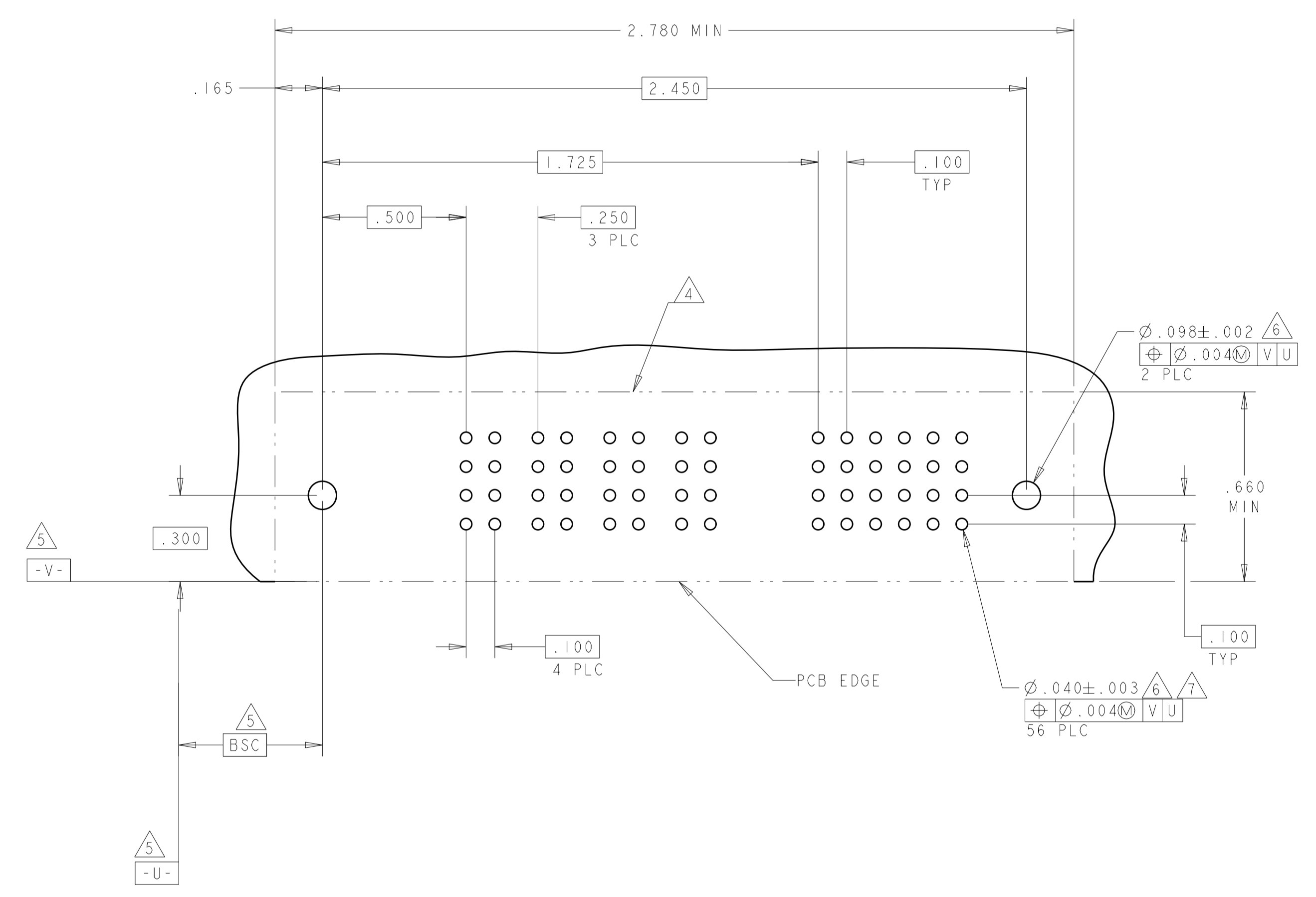
THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 02FEB05	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 02FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL
0 PLC ± .01	1 PLC ± .01	PRODUCT SPEC: 108-1973	SIZE: 114-13038
2 PLC ± .01	3 PLC ± .005	APPLICATION SPEC: 114-13038	RESTRICTED TO: A100779C=6450122
4 PLC ± .0020	ANGLES ± .2	WEIGHT: -	SCALE: 4:1 SHEET 9 OF 10 REV: E9
MATERIAL: -	FINISH: -	CUSTOMER DRAWING	

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

PART NUMBER	ROWS	POWER						SIGNAL					
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	6
2-6450122-9	D	HD	PM	PM	PM	PM	J	J	J	J	J	J	
	C						K	K	K	K	K	K	
	B						N	N	N	N	N	N	
A	S	S	S	S	S	S	HD						
6P + 24S													

NO CONTACTS LOADED

PART NUMBER	ROWS	SIGNAL								
		P1	P2	P3	P4	1	2	3	4	
3-6450122-0	D	HD	PM	PM	PM	PM	J	J	J	J
	C						K	K	K	K
	B						N	N	N	N
A	S	S	S	S	HD					
4P + 16S										



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DIMENSIONS: INCHES		CHK: M. PERCHERKE 02FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL
0 PLC ±	1 PLC ±.01	PRODUCT SPEC	108-1973
2 PLC ±.01	3 PLC ±.005	APPLICATION SPEC	114-13038
4 PLC ±.0020	ANGLES ±.2	WEIGHT	114-13038
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE: 4:1 SHEET 10 OF 10 REV: E9

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