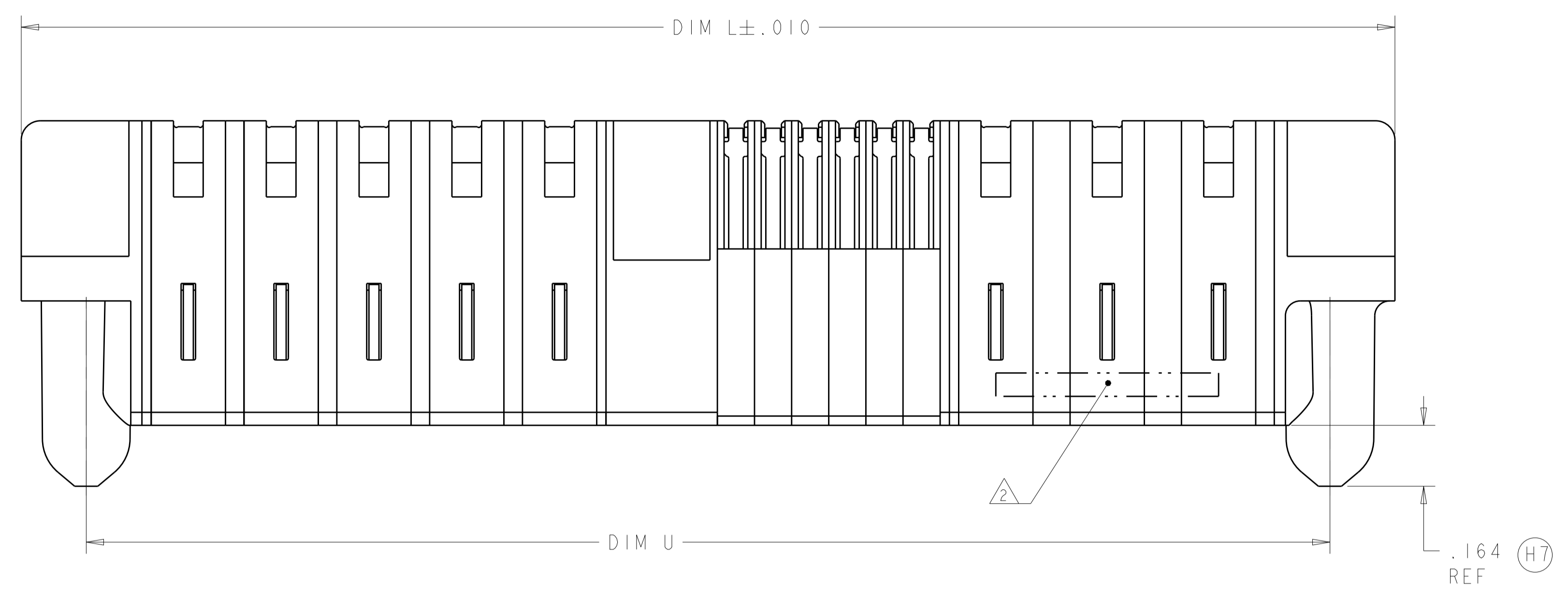
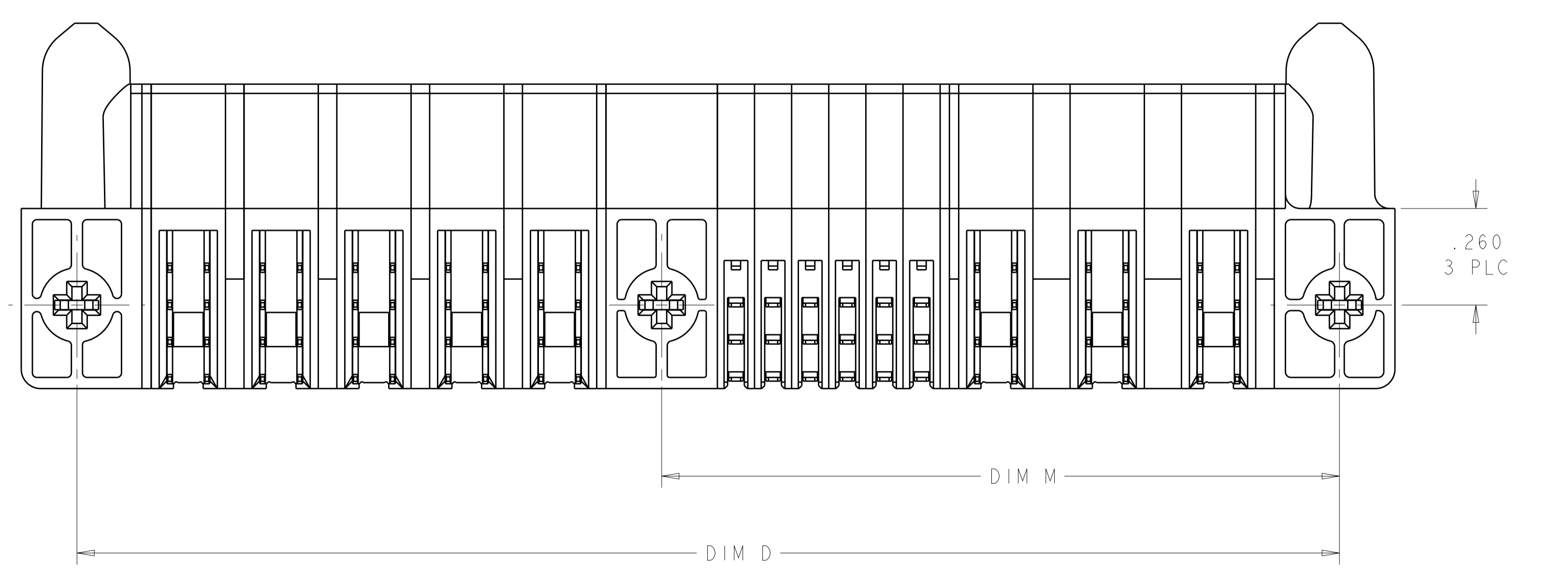
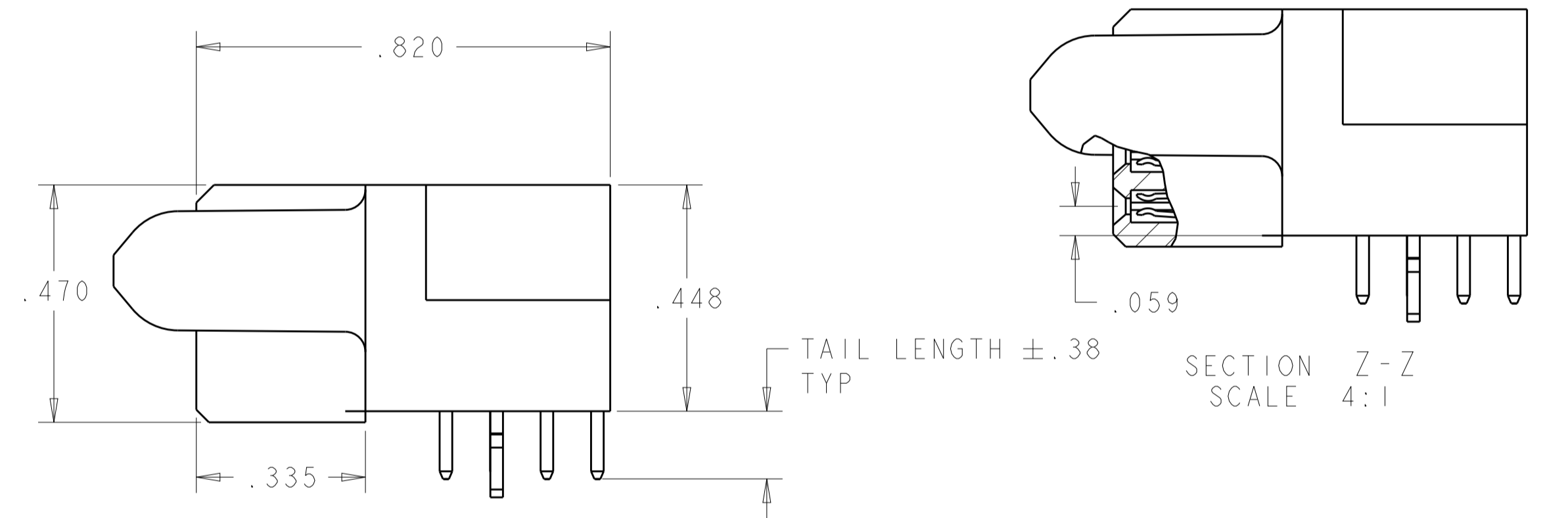
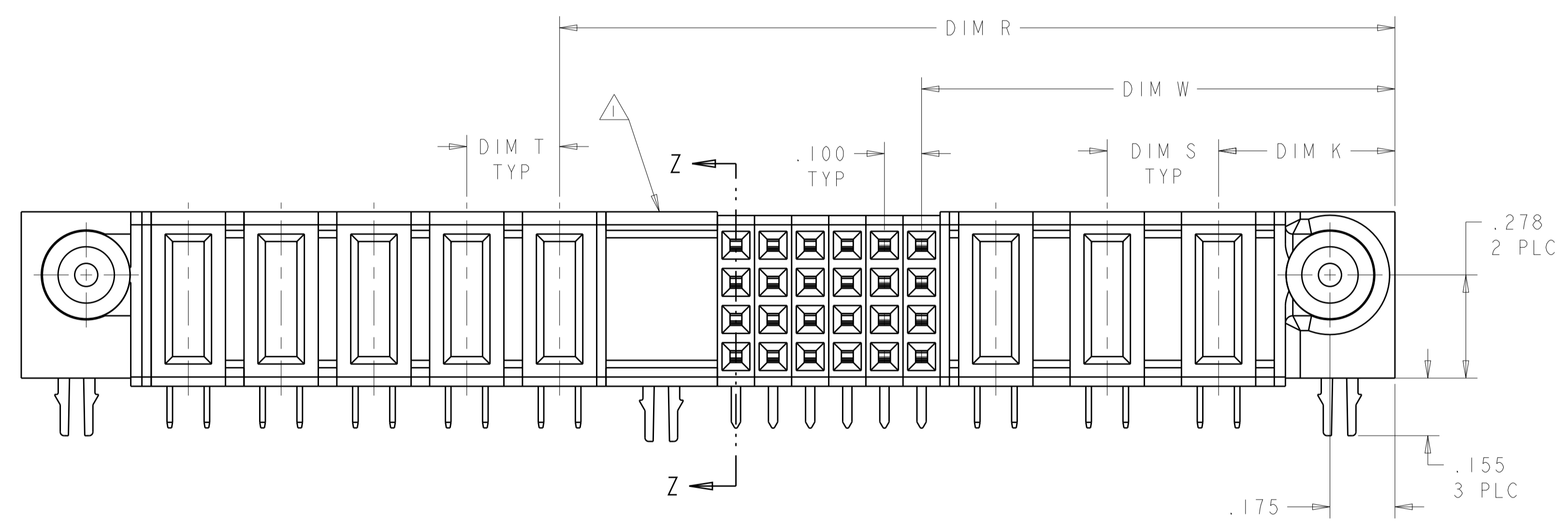


LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	APVD
ES	00	J1		REV PER ECR-12-016975	25SEP2012	CZ	SZ
		J3		ADDED NEW DASH NUMBER 4-0	01FEB2013	CZ	SZ



- 1 OPTIONAL CENTER MODULE, WITH .150 THRU HOLE OR HOLD DOWN FEATURE.
- 2 "AMP", PART NUMBER AND DATE CODE TO BE MARKED
- 3 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0.
 SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
 POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
- 5 MECHANICAL CONNECTOR KEEP OUT ZONE.
- 6 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 7 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- 8 PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 DIAMETER HOLE


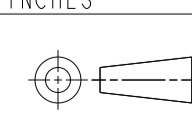


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R.GRZYBOWSKI 21FEB05	TE Connectivity
DIMENSIONS: INCHES		CHK: M.PERCHEKKE 21FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M.PERCHEKKE	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC ±.01	1 PLC ±.01	PRODUCT SPEC: 108-1973	SIZE: A1
2 PLC ±.005	3 PLC ±.005	APPLICATION SPEC: 114-13038	CAGE CODE: 6450170
4 PLC ±.0020	ANGLES ±.020	WEIGHT: -	RESTRICTED TO: -
MATERIAL: -		FINISH: -	CUSTOMER DRAWING
SCALE: 1:1		SHEET 1 OF 13 REV J3	

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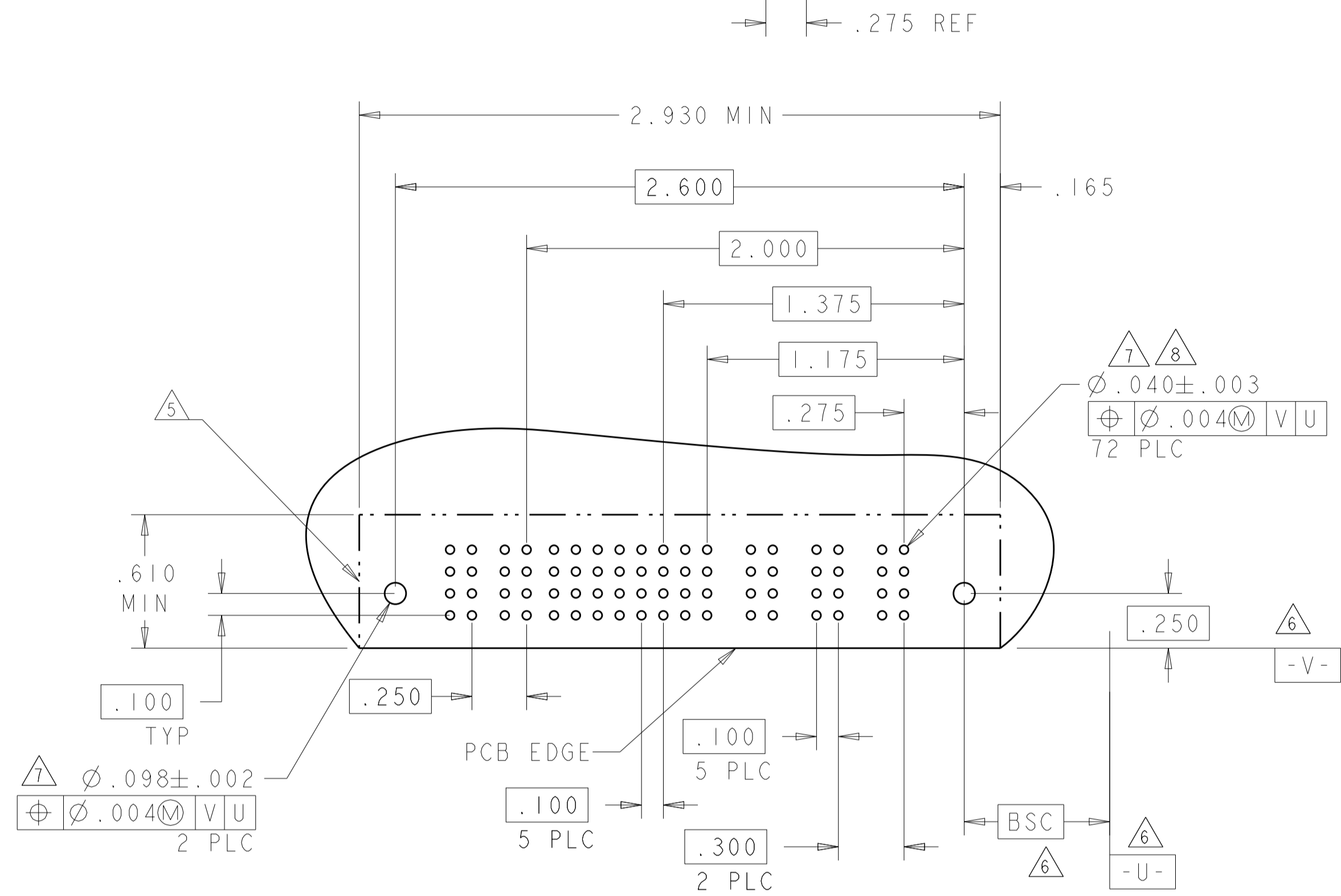
LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

DIM U	DIM T	DIM S	DIM R	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION	PART NUMBER
3.100	.250	.250	2.250	1.875	3.150	-	3.450	.450	6P + 12S + 4P	4-6450170-0
1.900	.250	.300	1.550	1.275	1.950	-	2.250	.475	3ACP + 8S + 2P	3-6450170-9
1.800	-	-	1.700	.625	1.850	-	2.150	.450	1P + 40S + 1P	3-6450170-8
1.600	-	-	1.500	.625	1.650	-	1.950	.450	1P + 32S + 1P	3-6450170-7
1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	3-6450170-6
1.550	.250	.250	1.200	.900	1.600	-	1.900	.450	2P + 8S + 2P	3-6450170-5
2.350	.250	.250	1.250	.875	2.400	-	2.700	.450	2P + 12S + 5P	3-6450170-4
2.325	.250	.300	1.975	1.600	2.375	-	2.675	.450	4ACP + 12S + 2P	3-6450170-3
1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	3-6450170-1
2.300	.250	.300	1.950	1.275	2.350	-	2.650	.450	3ACP + 24S + 2P	3-6450170-0
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	2-6450170-9
2.300	.250	.300	1.950	1.275	2.350	-	2.650	.450	3ACP + 24S + 2P	2-6450170-8
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	2-6450170-7
1.950	.250	.250	1.600	1.125	2.000	-	2.300	.450	3P + 16S + 2P	2-6450170-6
1.300	-	-	1.200	.675	1.350	-	1.650	.450	1P + 16S + 1P	2-6450170-0
2.200	.250	.250	1.350	.875	2.250	-	2.550	.450	2P + 16S + 4P	1-6450170-9
2.800	.300	.250	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	1-6450170-8
3.000	.250	.250	2.150	1.425	3.050	-	3.350	.450	4P + 24S + 4P	1-6450170-4
2.600	.200	.200	1.925	1.175	2.650	-	2.950	.425	4P + 28S + 4P	1-6450170-1
1.575	-	-	1.425	.700	1.625	-	1.925	.475	1P + 24S + 1P	1-6450170-0
2.500	.250	.250	2.150	.875	2.550	-	2.850	.450	2P + 48S + 2P	6450170-9
3.300	.250	.300	1.950	1.275	3.350	-	3.650	.475	3ACP + 24S + 6P	6450170-8
1.400	.250	.250	1.300	.625	1.450	-	1.750	.450	1P + 24S + 1P	6450170-6
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	6450170-5
4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	6450170-4
3.650	.250	.300	2.550	1.275	3.700	-	4.000	.475	3ACP + 48S + 5P	6450170-3
3.050	.250	.300	1.950	1.275	3.100	-	3.400	.475	3ACP + 24S + 5P	6450170-2
2.550	.250	.300	2.200	1.525	2.600	-	2.900	.475	3ACP + 1P + 24S + 2P	6450170-1

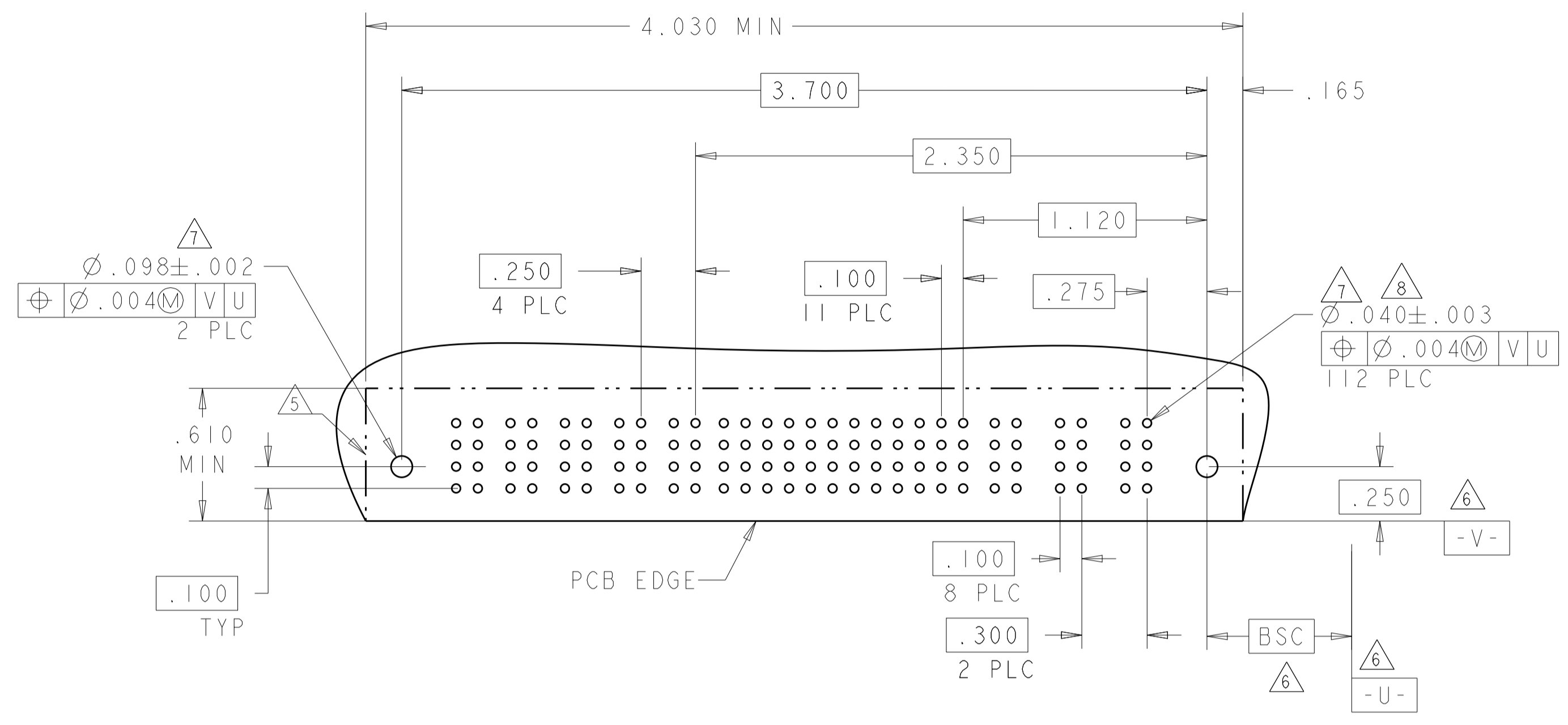
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE	Z1FEB05 Z1FEB05	 TE Connectivity NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. PERCHERKE	PRODUCT SPEC 108-1973	
 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020	FINISH	APPLIC. SPEC 114-13038	RESTRICTED TO	
MATERIAL		WEIGHT	SIZE CAGE CODE DRAWING NO A100779C=6450170	
CUSTOMER DRAWING		SCALE	SHEET 2 OF 13 REV J3	

NO CONTACT

PART NUMBER	ROWS	POWER				SIGNAL								POWER							
		P6	P5	P4	P3	6	5	4	3	2	1	P4	P3	P2	P1						
6450170-1	D C B A	RM	RM	RM	RM	H	H	H	H	H	H	H	H	H	H	H	H	RA	RM	RM	
		3ACP + 1P + 24S + 2P																			

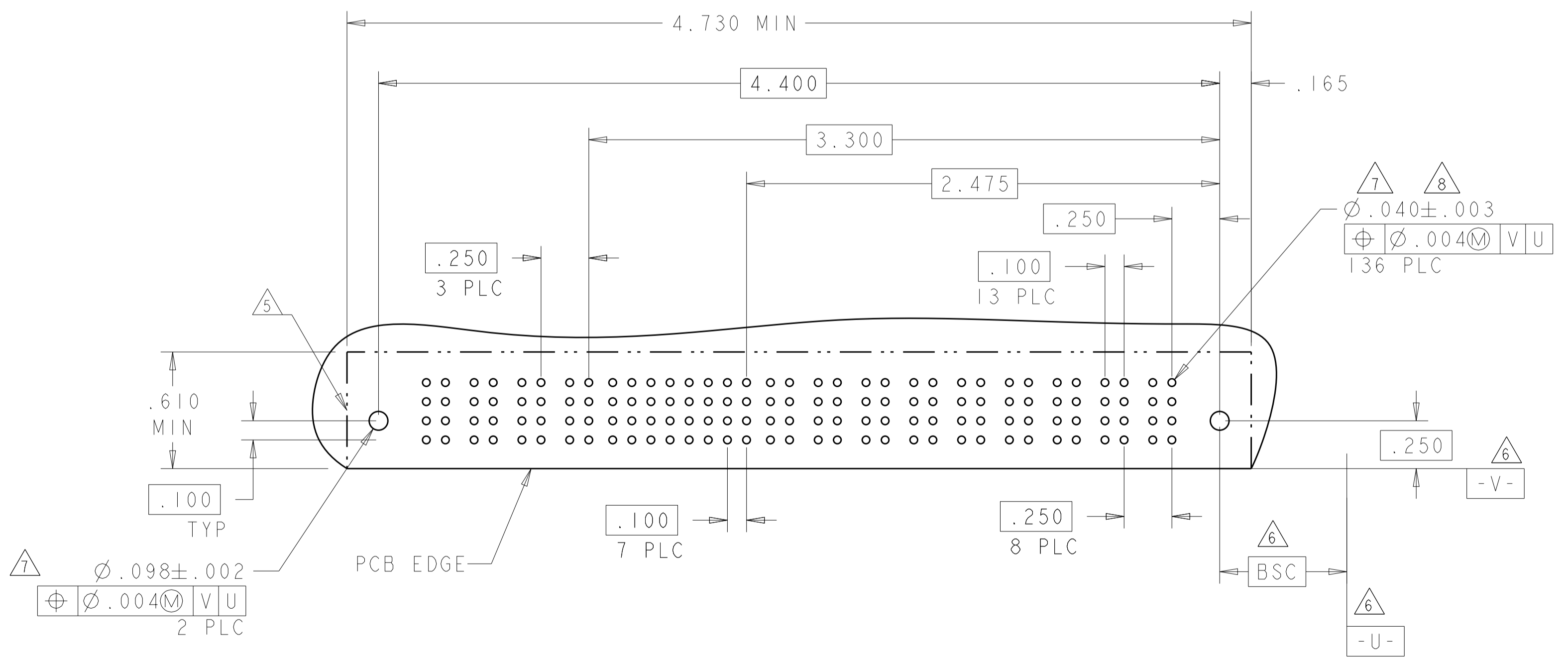


PART NUMBER	ROWS	POWER				SIGNAL												POWER			
		P8	P7	P6	P5	12	11	10	9	8	7	6	5	4	3	2	1	P3	P2	P1	
6450170-3	D C B A	RM	RM	RM	RM	H	H	H	H	H	H	H	H	H	H	H	H	RA	RM	RM	
		3ACP + 4BS + 5P																			

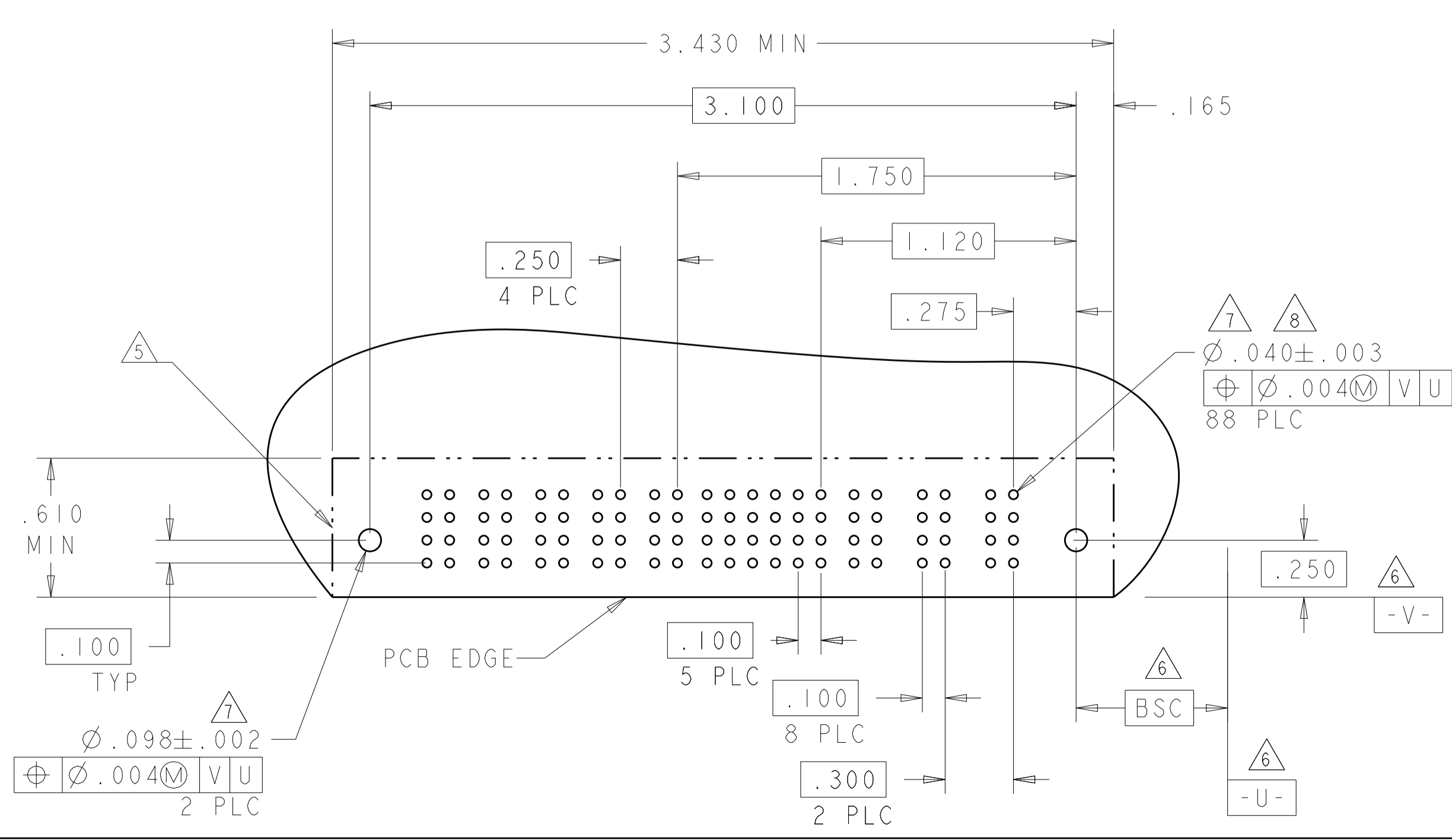


NO CONTACT

PART NUMBER	ROWS	POWER				SIGNAL												POWER			
		P13	P12	P11	P10	8	7	6	5	4	3	2	1	P9	P8	P7	P6	P5	P4	P3	P2
6450170-4	D C B A	RM	RM	RM	RM	H	H	H	H	H	H	H	H	H	H	H	H	RA	RM	RM	
		J ² 1 3c3 1 4P																			



PART NUMBER	ROWS	POWER				SIGNAL								POWER							
		P8	P7	P6	P5	6	5	4	3	2	1	P3	P2	P1							
6450170-2	D C B A	RM	RM	RM	RM	H	H	H	H	H	H	H	H	H	H	H	RA	RM	RM		
		3ACP + 24S + 5P																			



L	.090	D			
K	.090	C			
J	.090	B			
I	.090	A			
RN	.090	STD	H	.135	D
RB	.090	MFBL	G	.135	C
RM	.135	STD	F	.135	B
RA	.135	MFBL	E	.135	A
CODE	TAIL LENGTH	TYPE	CODE	TAIL LENGTH	ROW

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	±.002
ANGLES	±.020

MATERIAL: FINISH:

OWN: R. GRZYBOWSKI 21FEB05
CHK: M. PERCHERKE 21FEB05
APVD: M. PERCHERKE

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

NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

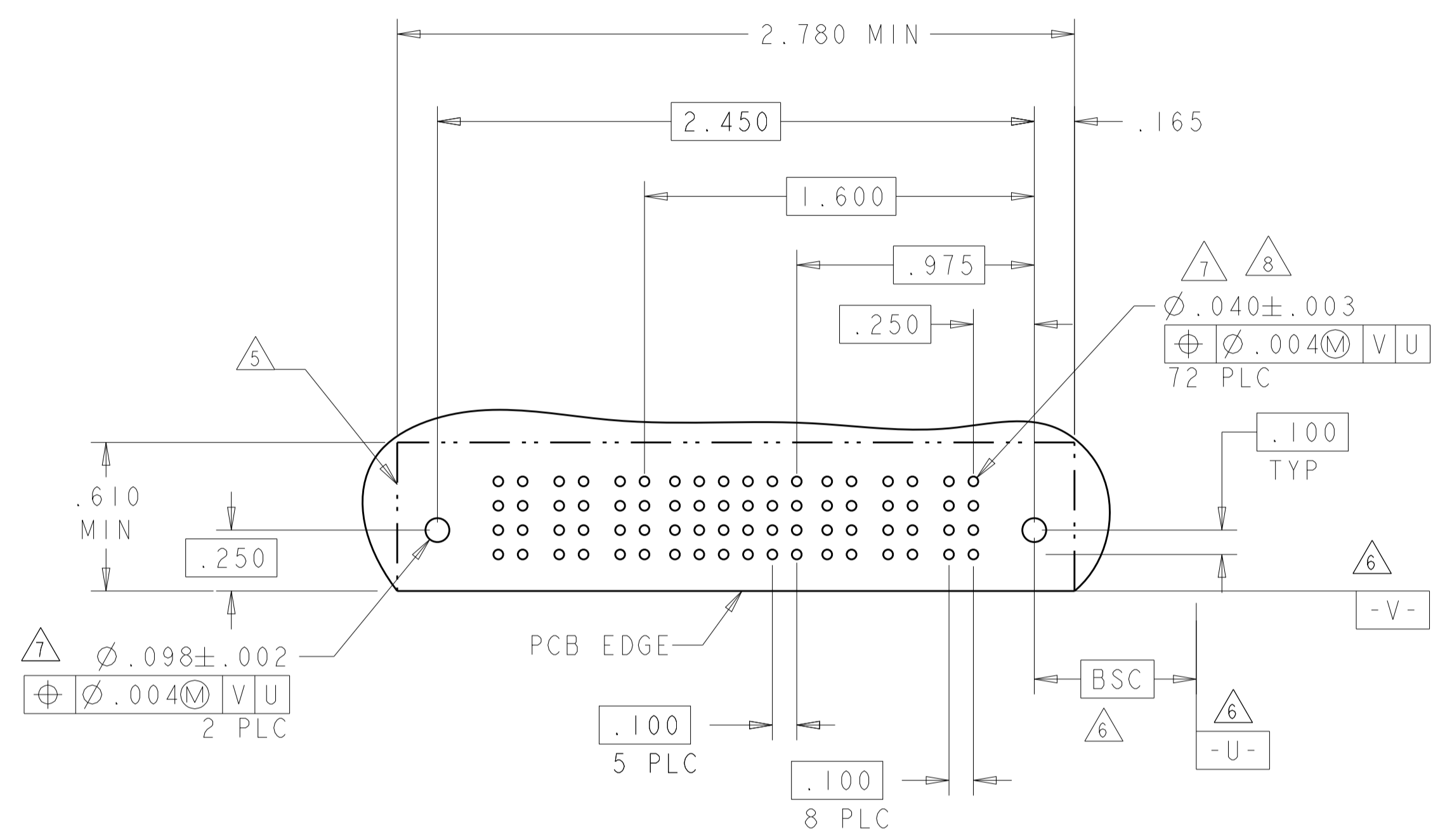
SIZE: CAGE CODE: DRAWING NO: A100779 ©=6450170
RESTRICTED TO: -

CUSTOMER DRAWING: SCALE: 1:1 SHEET 3 OF 13 REV J3

LOC	DIST	REVISIONS			
ES	00	REV	DATE	BY	APPROV
		1			
		SEE SHEET 1			

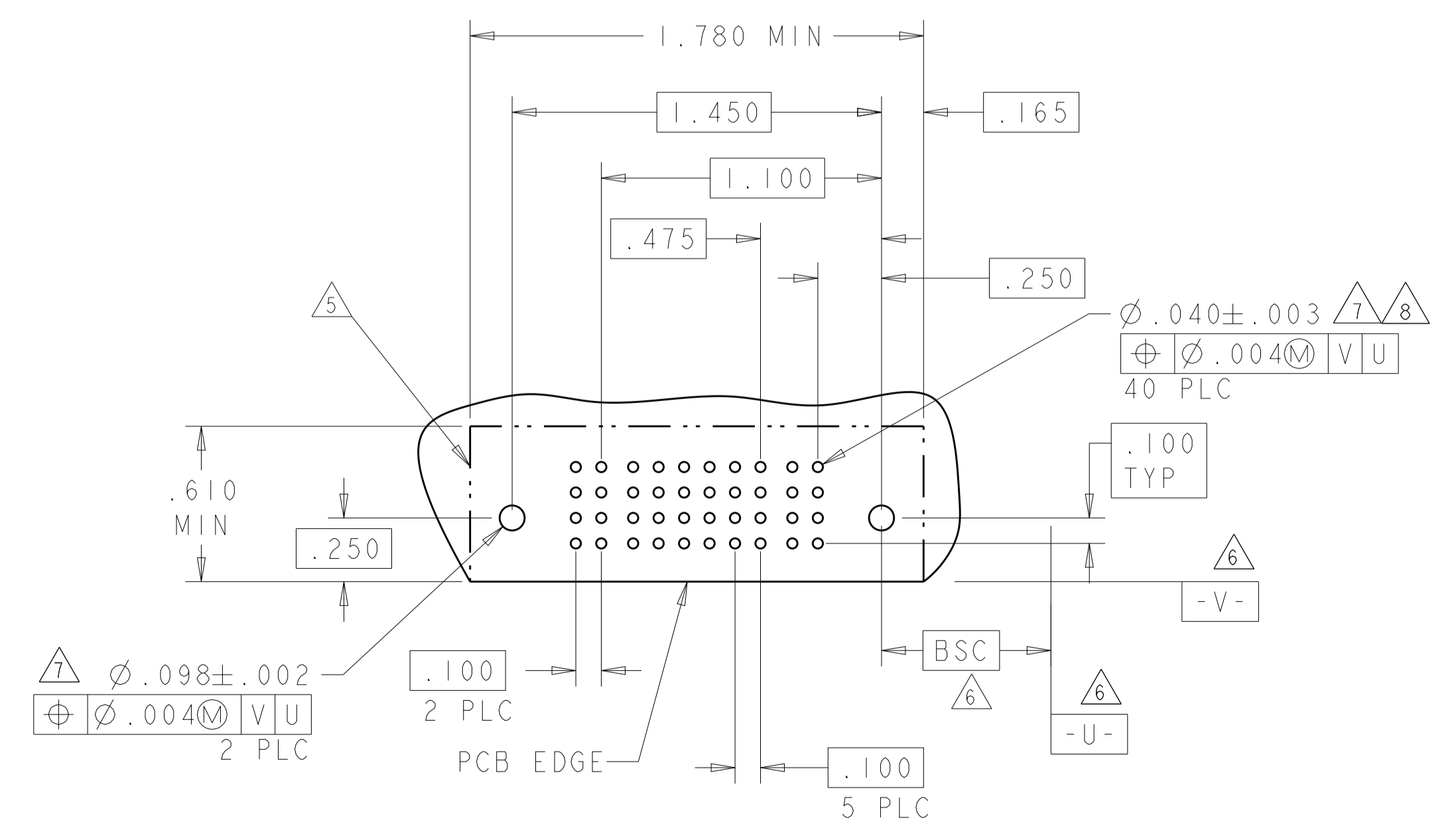
PART NUMBER	ROWS	POWER			SIGNAL				POWER				
		P6	P5	P4	6	5	4	3	2	1	P3	P2	P1
6450170-5	D C B A	RA	RM	RM	H	H	H	H	H	H	RM	RM	RA
					G	G	G	G	G	G			
					F	F	F	F	F	F			
					E	E	E	E	E	E			

3P + 24S + 3P



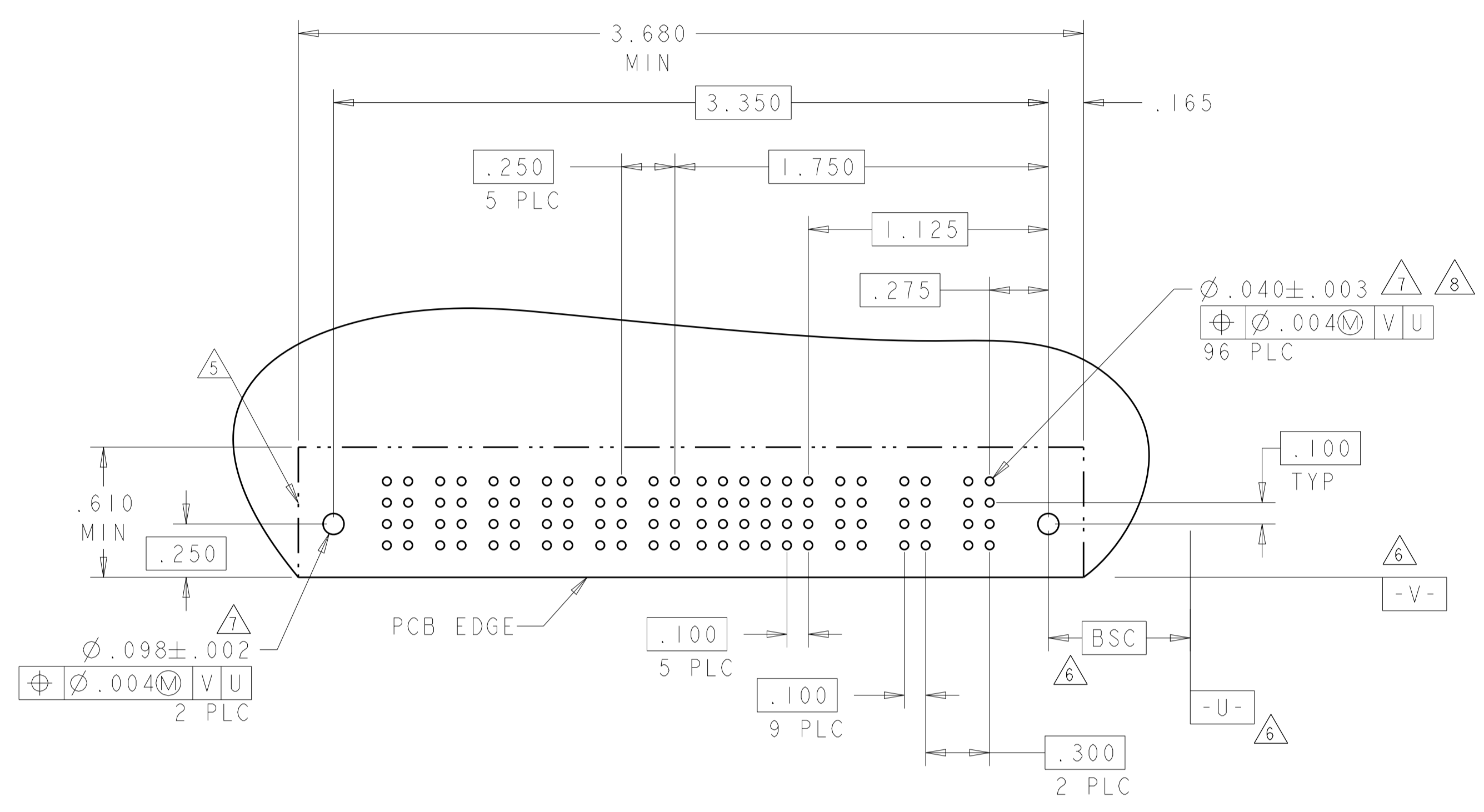
PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P2	P1	6	5	4	3	2	1
6450170-6	D C B A	RB	RA	L	L	L	L	L	L
				K	K	K	K	K	K
				J	J	J	J	J	J
				I	I	I	I	I	I

1P + 24S + 1P



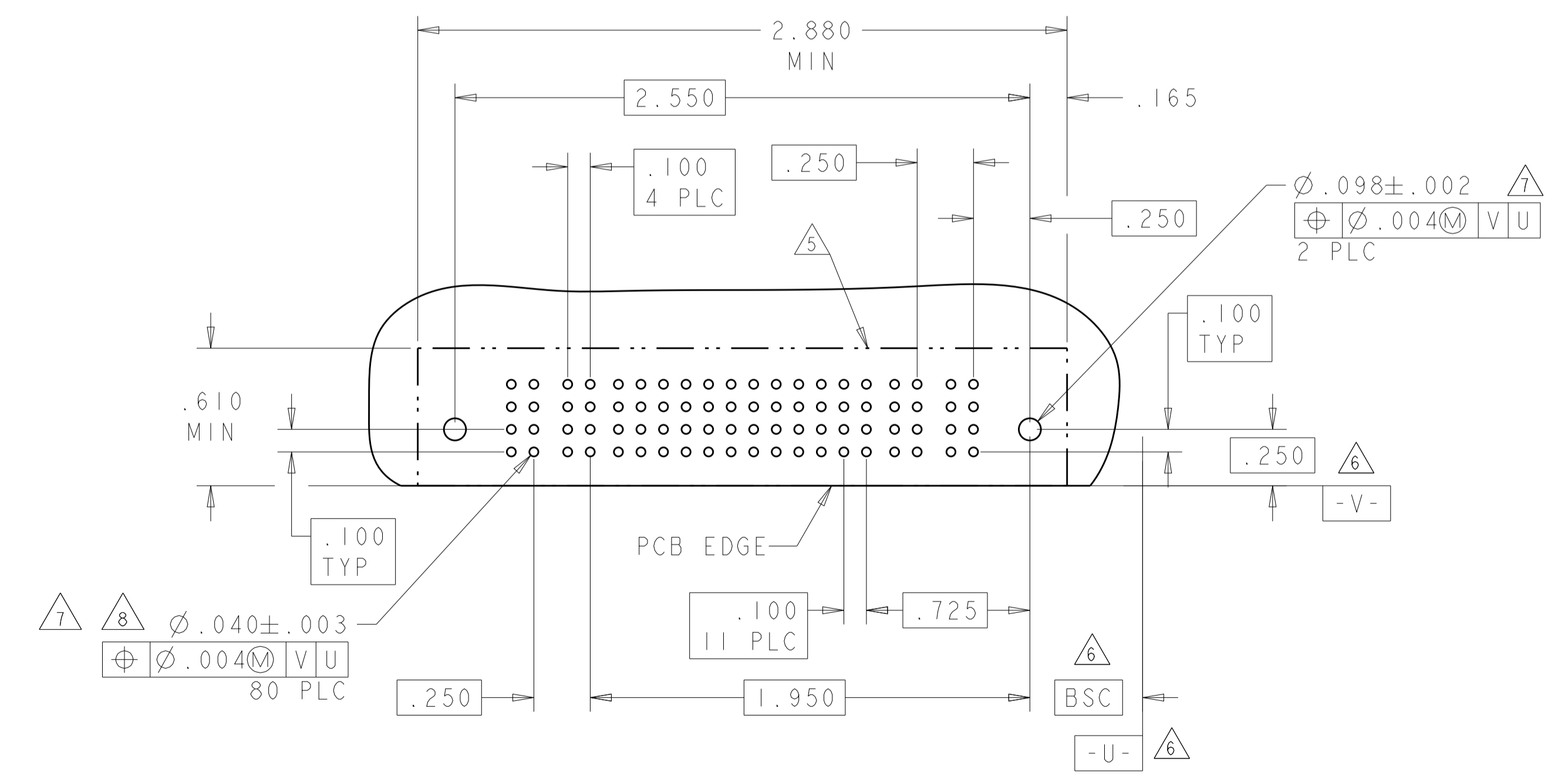
PART NUMBER	ROWS	POWER				SIGNAL						POWER				
		P9	P8	P7	P6	P5	P4	6	5	4	3	2	1	P3	P2	P1
6450170-8	D C B A	RM	RM	RM	RM	RM	H	H	H	H	H	H	H	RA	RM	RM
							G	G	G	G	G	G	G			
							F	F	F	F	F	F	F			
							E	E	E	E	E	E	E			

3ACP + 24S + 6P



PART NUMBER	ROWS	POWER		SIGNAL										POWER			
		P4	P3	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1
6450170-9	D C B A	RM	RA	H	H	H	H	H	H	H	H	H	H	H	H	RM	RA
				G	G	G	G	G	G	G	G	G	G	G	G		
				F	F	F	F	F	F	F	F	F	F	F			
				E	E	E	E	E	E	E	E	E	E	E			

2P + 48S + 2P



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DRN: R. GRZYBOWSKI	21FEB05
INCHES	0 PLC ±.01	CHK: M. PERCHERKE	21FEB05
	1 PLC ±.01	APVD: M. PERCHERKE	
	2 PLC ±.01	PRODUCT SPEC	
	3 PLC ±.01	108-1973	
	4 PLC ±.005	APPLICATION SPEC	
	5 PLC ±.002	114-13038	
	ANGLES ±.020	WEIGHT	
MATERIAL	FINISH	CUSTOMER DRAWING	

NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

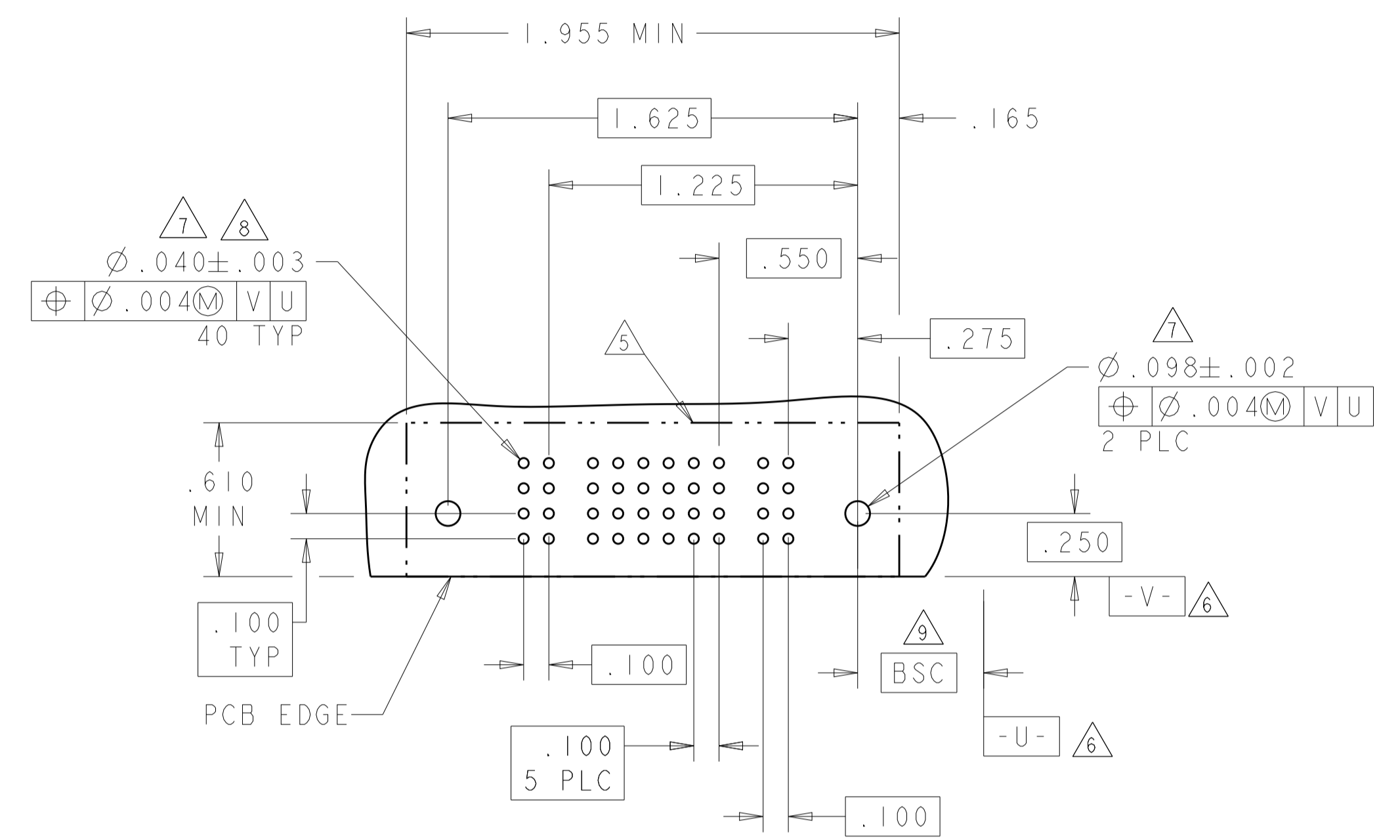
SIZE: A100779 C=6450170

SCALE: 1:1 SHEET 4 OF 13 REV J3

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

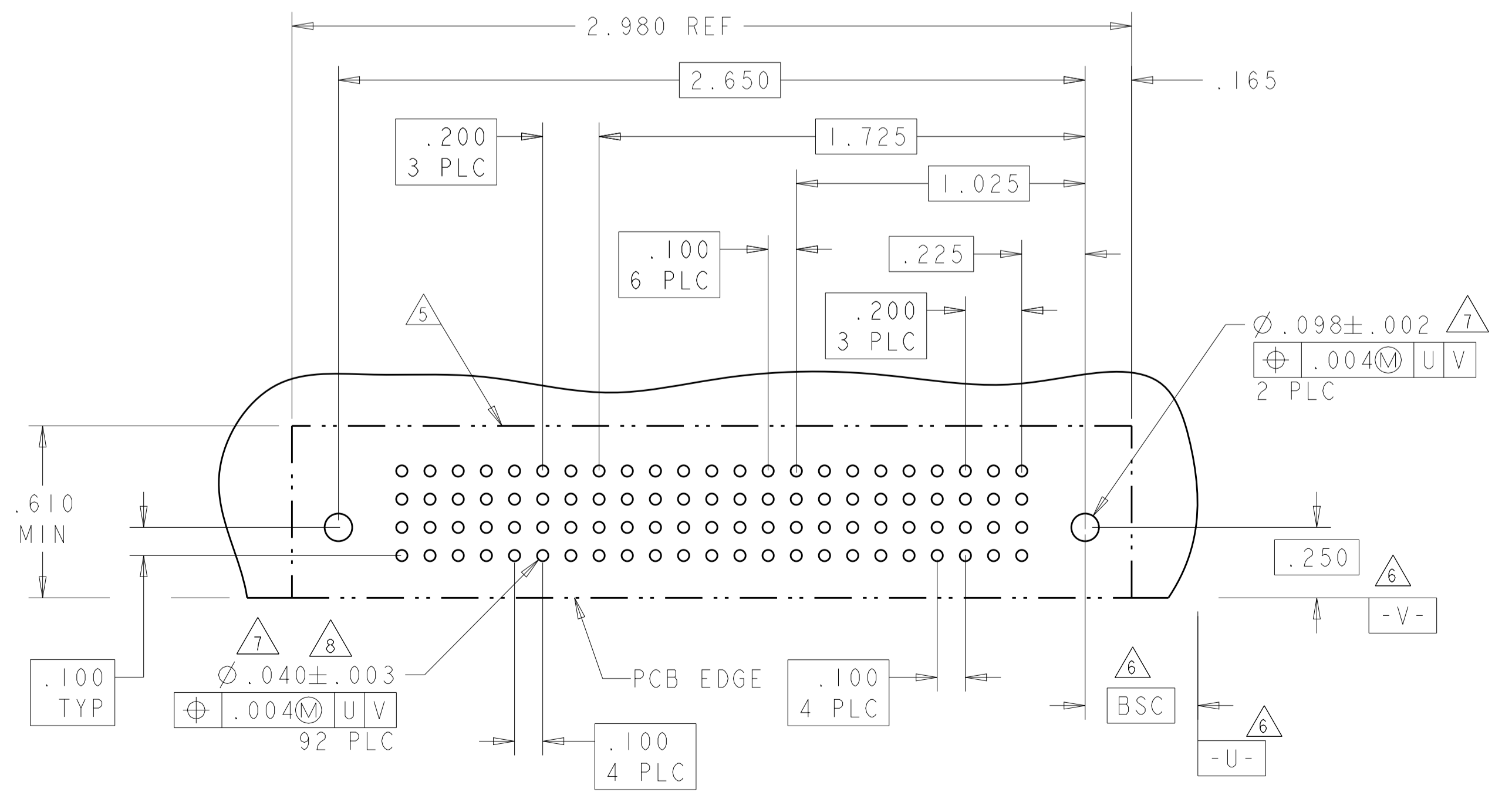
PART NUMBER	ROWS	POWER						SIGNAL						POWER														
		P2	6	5	4	3	2	1	P1	6	5	4	3	2	1	P3	P2	P1										
1-6450170-0	D C B A	RM	H	H	H	H	H	G	G	G	G	G	G	F	F	F	F	F	F	E	E	E	E	E	E	RA		

IP + 24S + IP



PART NUMBER	ROWS	POWER								SIGNAL								POWER																							
		P8	P7	P6	P5	7	6	5	4	3	2	1	P4	P3	P2	P1	P6	P5	P4																						
1-6450170-1	D C B A	RM	RM	RM	RM	H	H	H	H	H	H	G	G	G	G	G	G	G	G	F	F	F	F	F	F	F	F	E	E	E	E	E	E	E	E	RM	RM	RM	RM	RM	RM

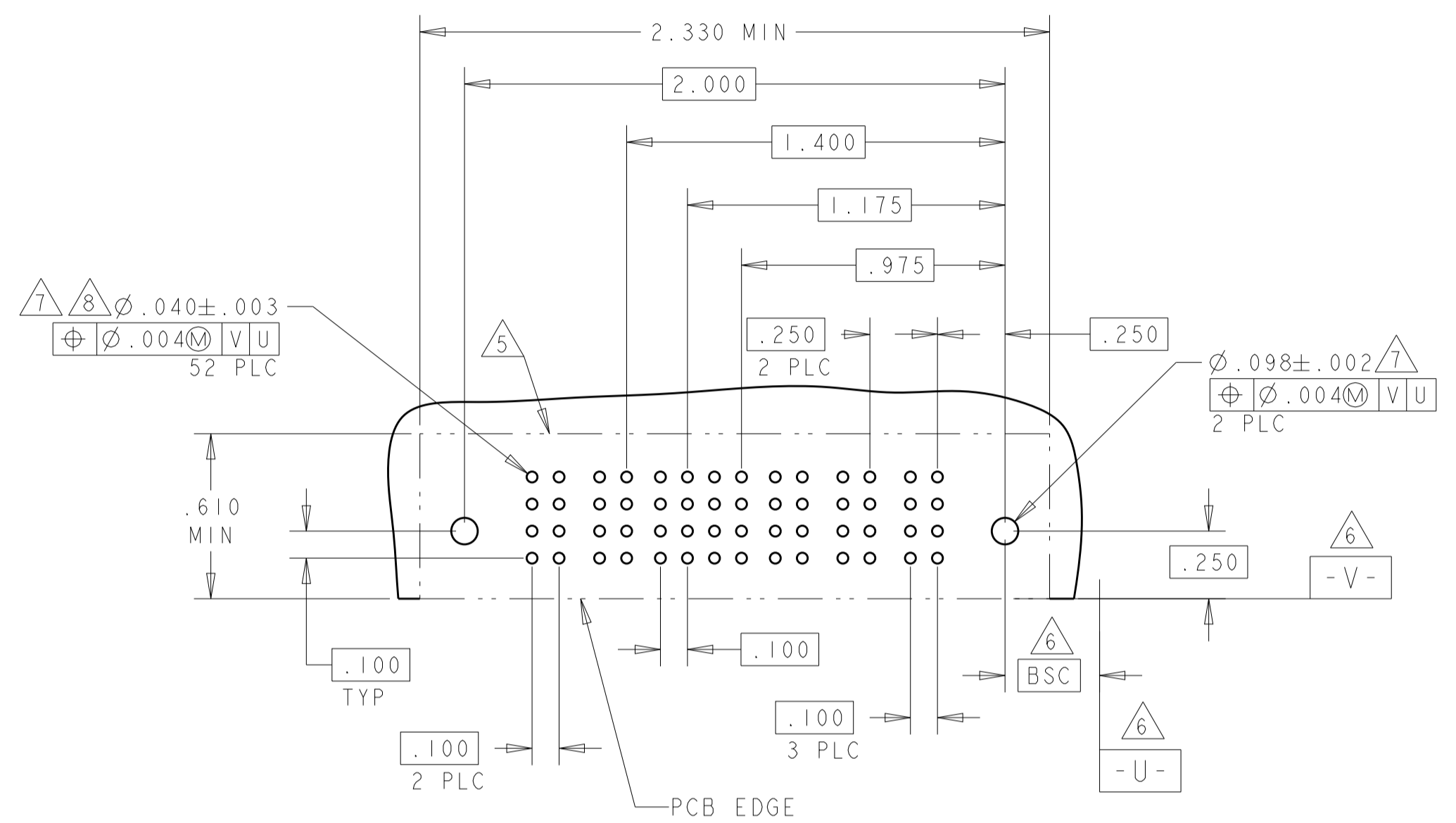
4P + 28S + 4P



PART NUMBER	ROWS	POWER				SIGNAL				POWER																		
		P5	P4	4	3	2	1	P3	P2	P1																		
2-6450170-6	D C B A	RM	RM	H	H	H	H	G	G	G	G	G	G	F	F	F	F	F	F	E	E	E	E	E	E	RA	RA	RA

3P + 16S + 2P

NO CONTACTS LOADED



PART NUMBER	ROWS	POWER						SIGNAL						POWER														
		P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	P6	P5	P4												
2-6450170-7	D C B A	RM	RM	RA	H	H	H	H	G	G	G	G	G	G	F	F	F	F	F	F	E	E	E	E	E	E	RM	RM

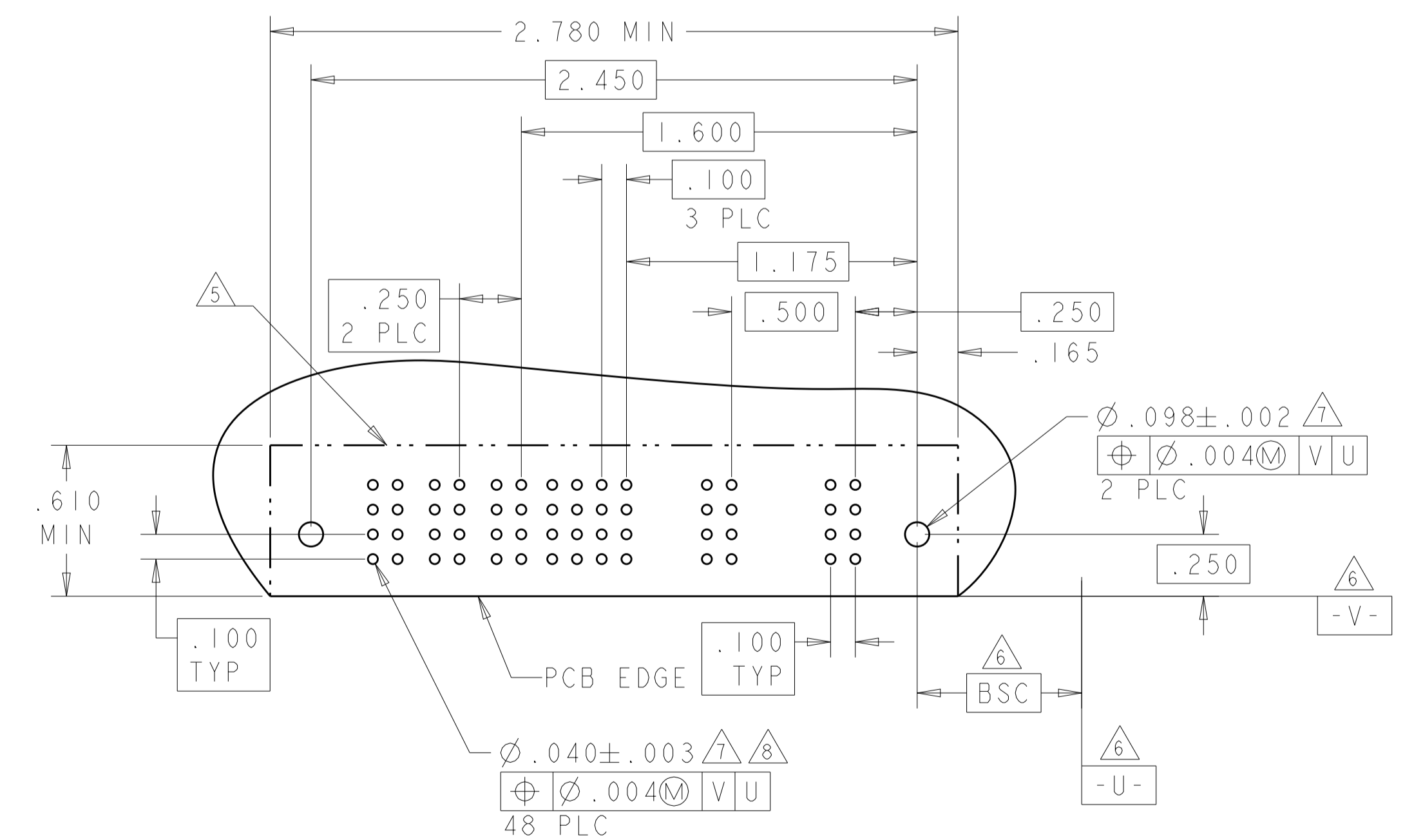
3P + 24S + 3P

PART NUMBER	ROWS	POWER						SIGNAL						POWER														
		P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	P6	P5	P4												
2-6450170-9	D C B A	RM	RM	RA	H	H	H	H	G	G	G	G	G	G	F	F	F	F	F	F	E	E	E	E	E	E	RM	RM

3P + 24S + 3P

NO CONTACTS LOADED

NO CONTACTS LOADED



2-6450170-7 & 2-6450170-9 PCB LAYOUT

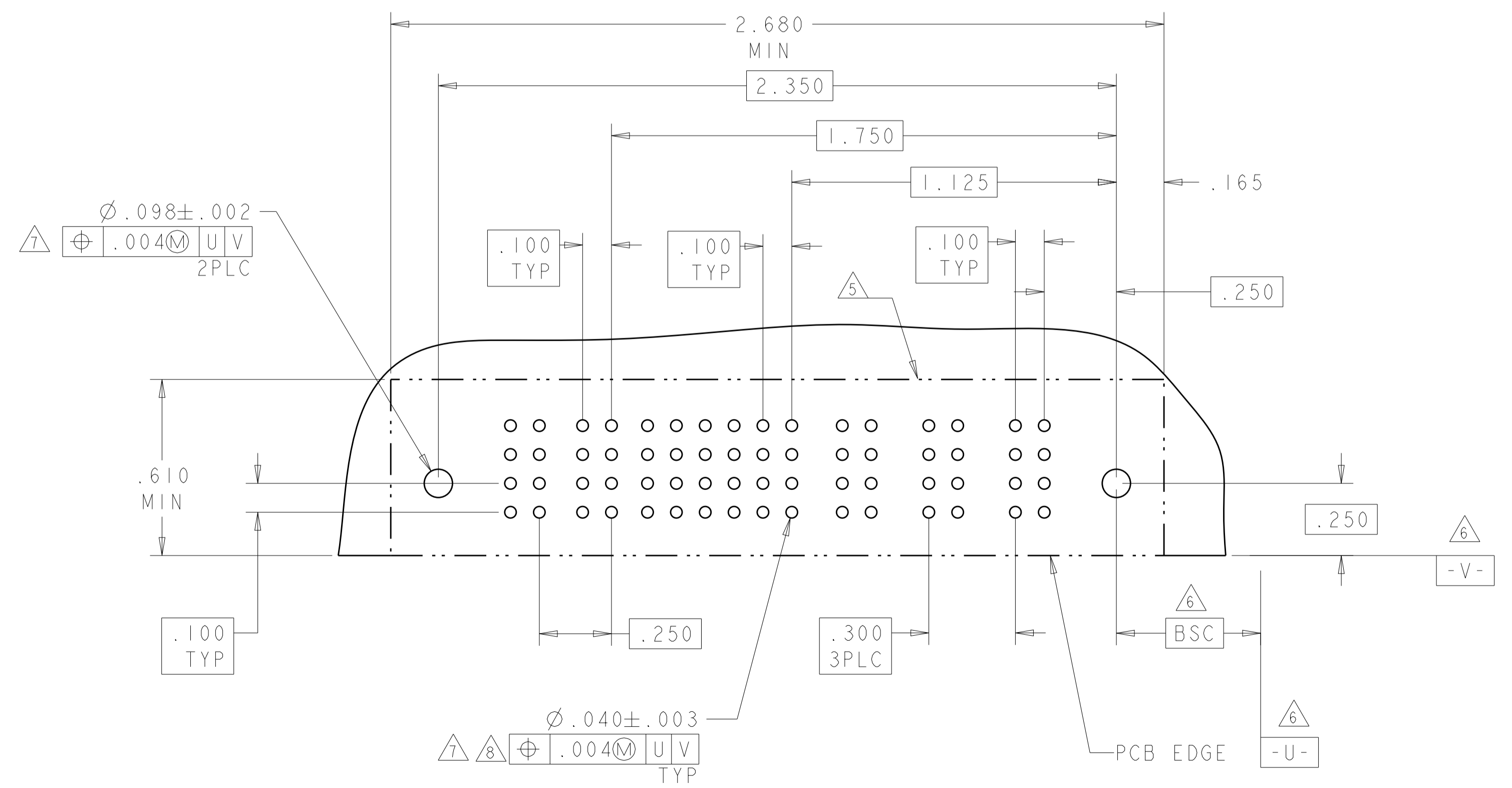
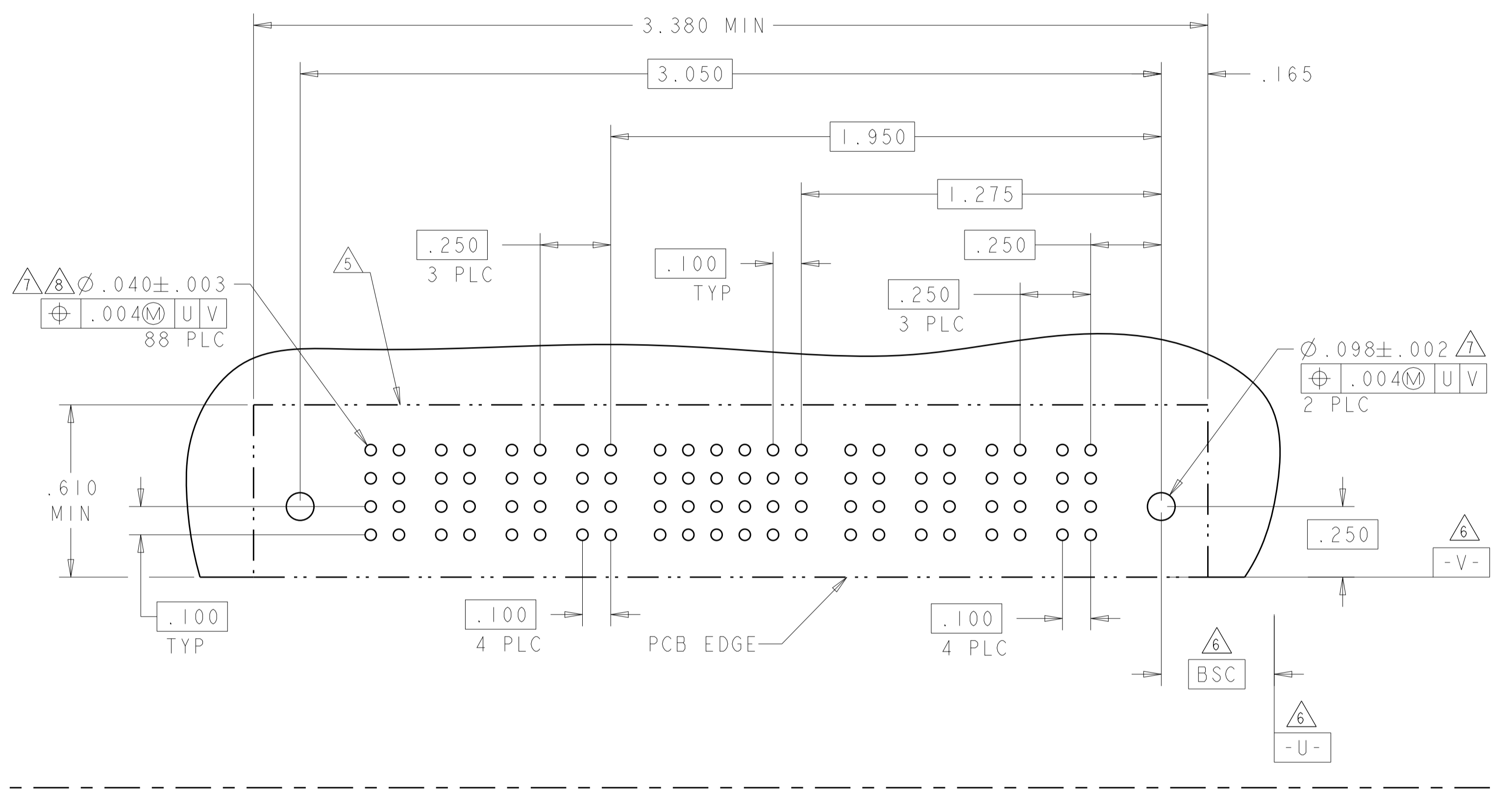
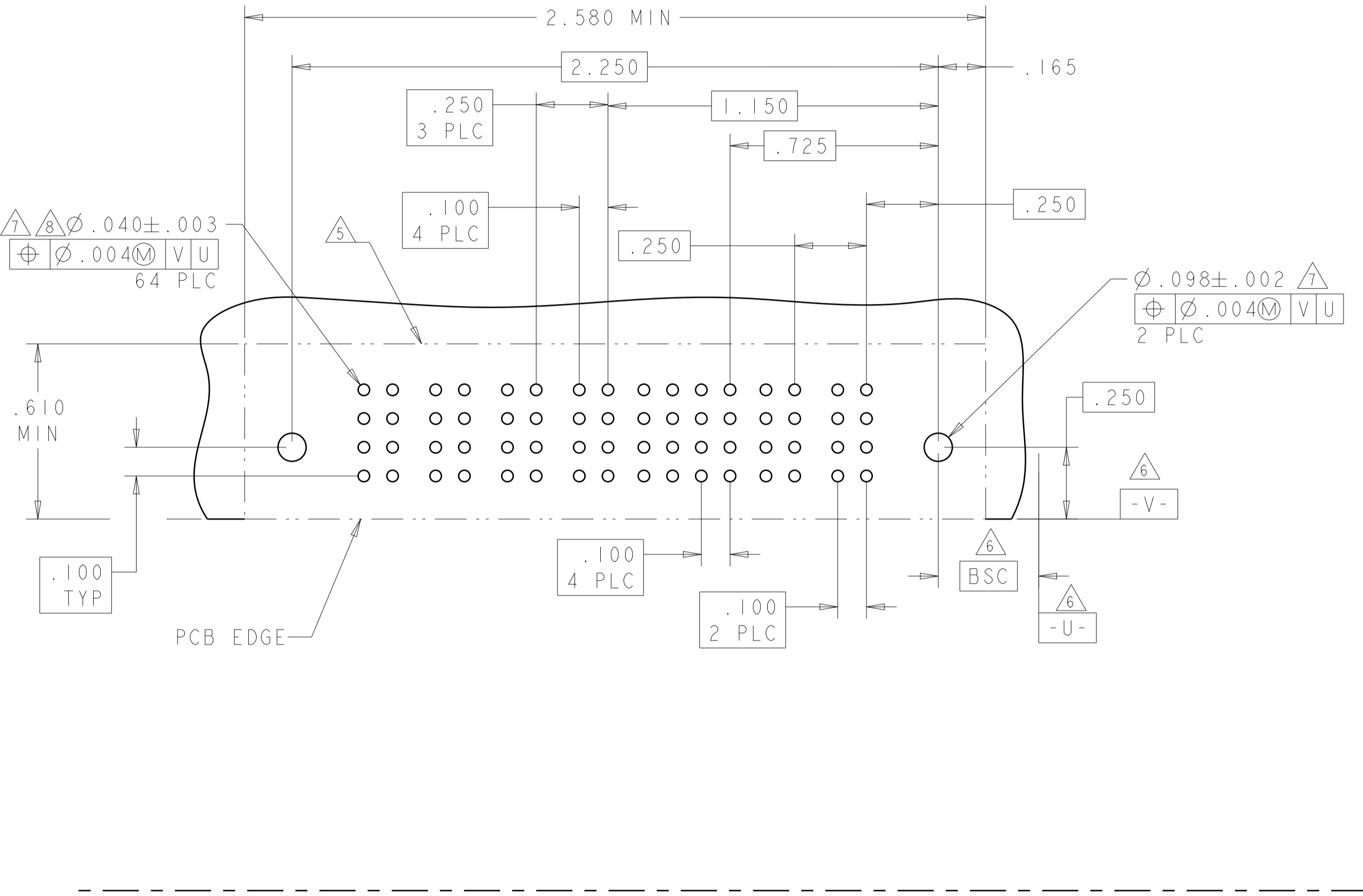
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± .01 1 PLC ± .01 2 PLC ± .01 3 PLC ± .005 4 PLC ± .002 ANGLES ± .02	OWN: R. GRZYBOWSKI CHK: M. PERCHERKE APPV: M. PERCHERKE	21FEB05 21FEB05
MATERIAL:	FINISH:	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	SIZE: 108-1973 APPLICATION SPEC: 114-13038
CUSTOMER DRAWING		SCALE: 1:1	SHEET 5 OF 13 REV J3

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

PART NUMBER	ROWS	POWER				SIGNAL				POWER	
		P6	P5	P4	P3	4	3	2	1	P2	P1
I-6450170-9	D C B A	RA	RA	RM	RM	H	H	H	H	RM	RA
						G	G	G	G		
						F	F	F	F		
		HD									HD
2P + 16S + 4P											

PART NUMBER	ROWS	POWER				SIGNAL						POWER			
		P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1
I-6450170-4	D C B A	RA	RA	RA	RA	H	H	H	H	H	H	RA	RA	RA	RA
						G	G	G	G	G	G				
						F	F	F	F	F	F				
		HD											HD		
4P + 24S + 4P															



PART NUMBER	ROWS	POWER		SIGNAL						AC POWER		
		P5	P4	6	5	4	3	2	1	P3	P2	P1
2-6450170-8	D C B A	RA	RA	H	H	H	H	H	H	RA	RM	RM
				G	G	G	G	G	G			
				F	F	F	F	F	F			
		HD										HD
3ACP + 24S + 2P												

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI 21FEB05
 CHK: M. PERCHERKE 21FEB05
 APVD: M. PERCHERKE

TE Connectivity

NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

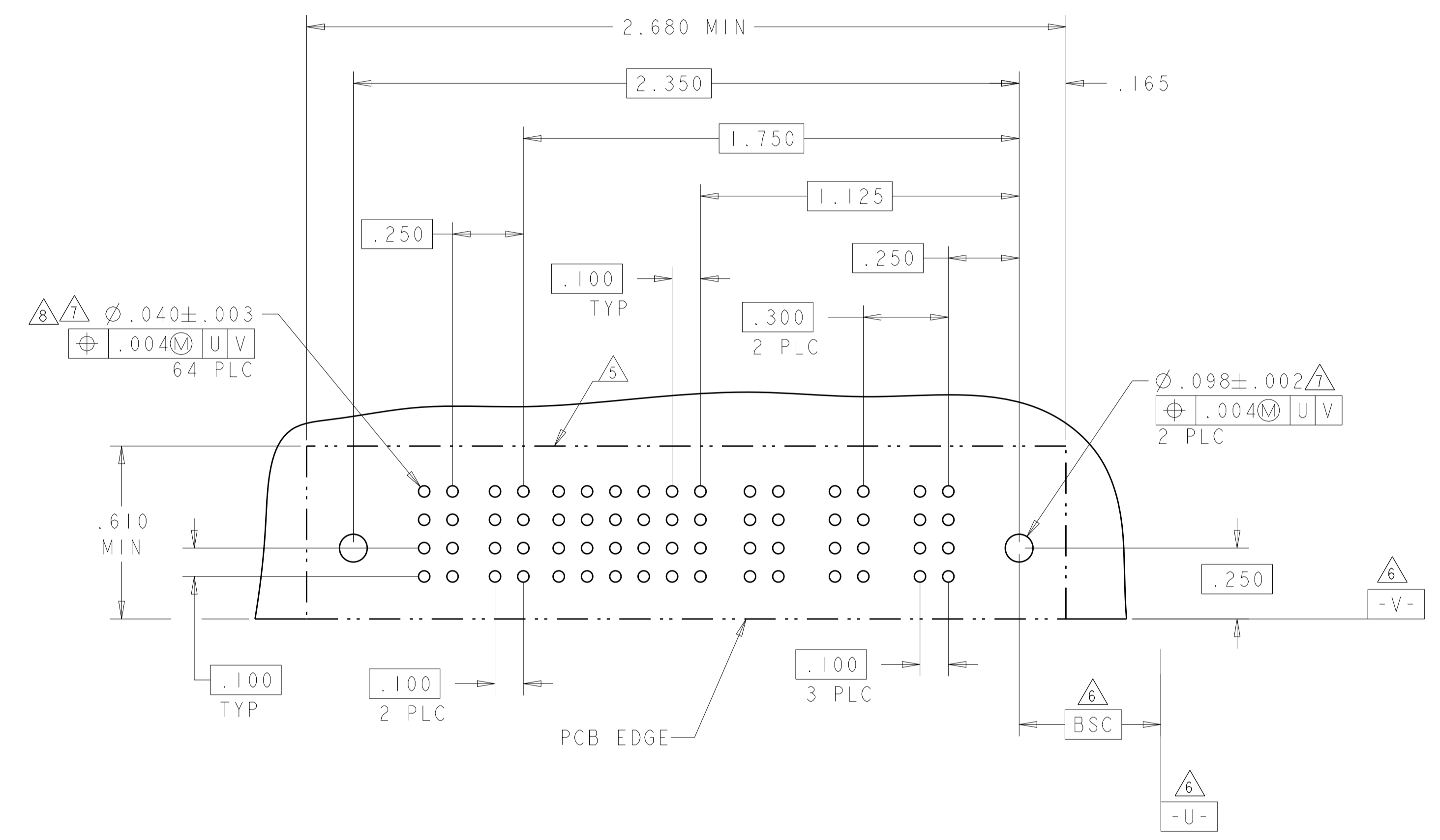
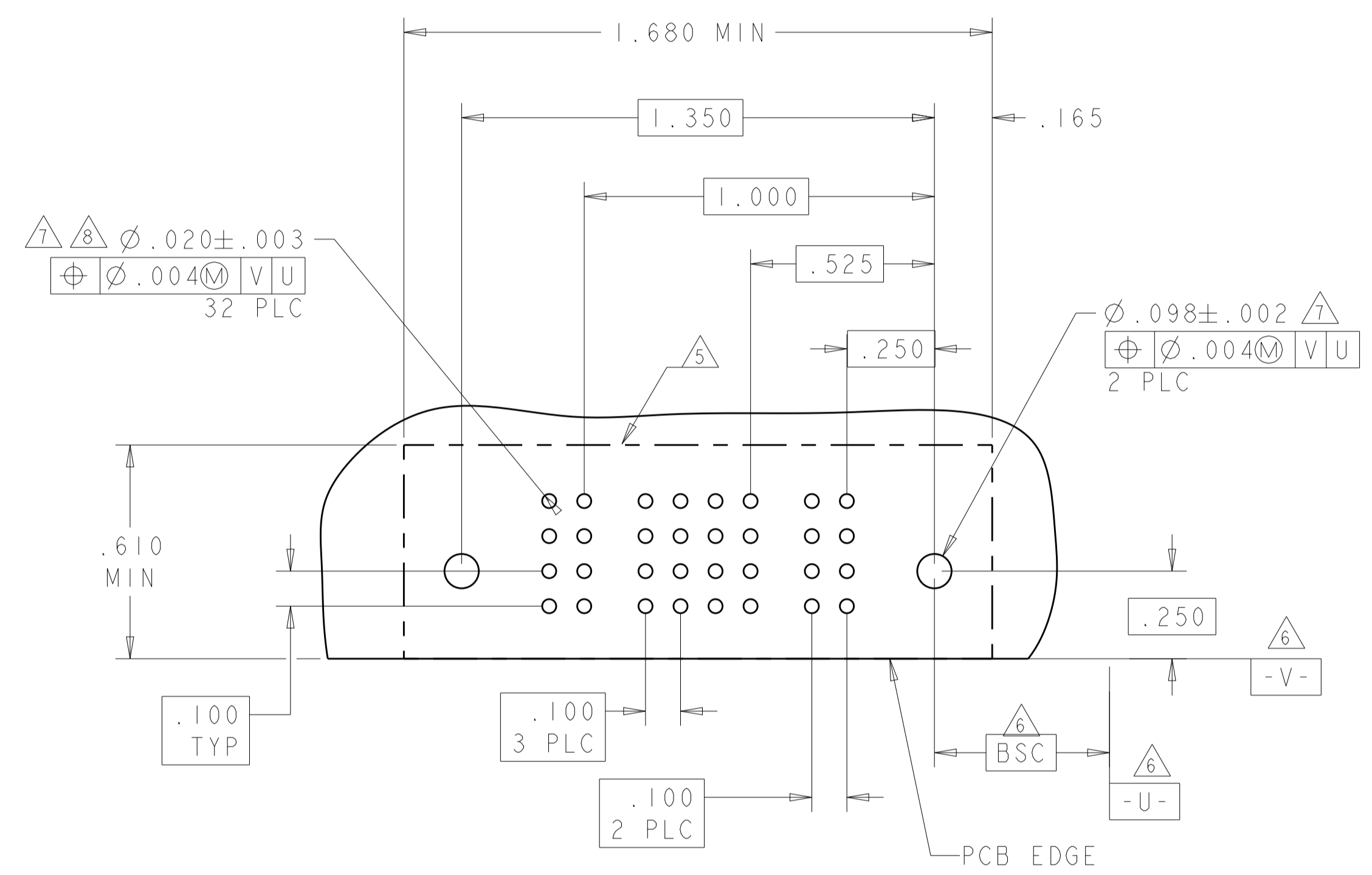
SIZE: 108-1973
 APPLICATION SPEC: 114-13038
 WEIGHT: A100779C=6450170

CUSTOMER DRAWING SCALE: 1:1 SHEET 6 OF 13 REV J3

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

PART NUMBER	ROWS	POWER	SIGNAL				POWER
			P2	4	3	2	
2-6450170-0	D C B A	RM	H	H	H	H	RM
			G	G	G	G	
			F	F	F	F	
			E	E	E	E	
IP + 16S + IP							

PART NUMBER	ROWS	POWER		SIGNAL						AC POWER		
		P5	P4	6	5	4	3	2	1	P3	P2	PI
3-6450170-0	D C B A	RM	RM	H	H	H	H	H	H	RA	RM	RM
				G	G	G	G	G	G			
				F	F	F	F	F	F			
				E	E	E	E	E	E			
3ACP + 24S + 2P												

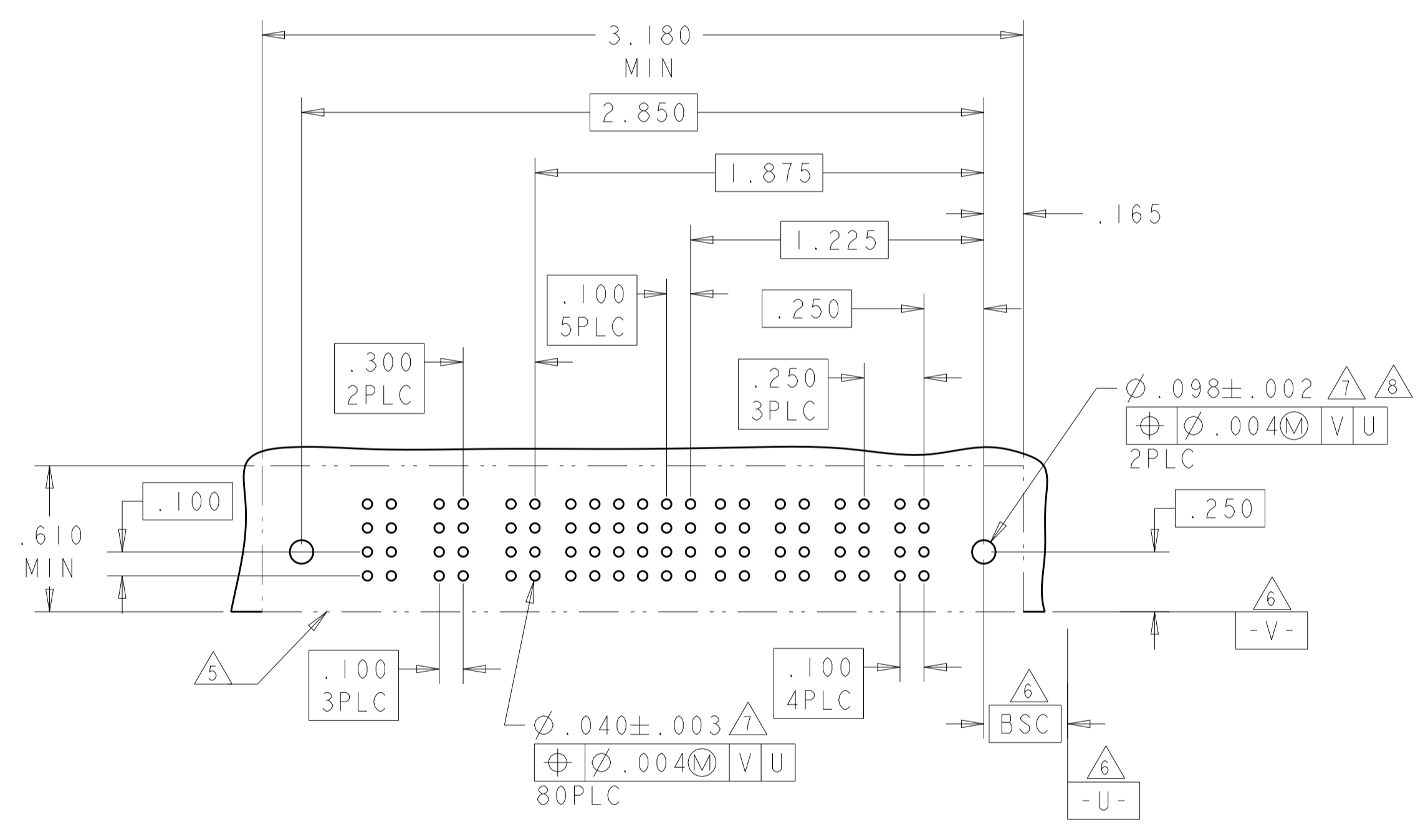
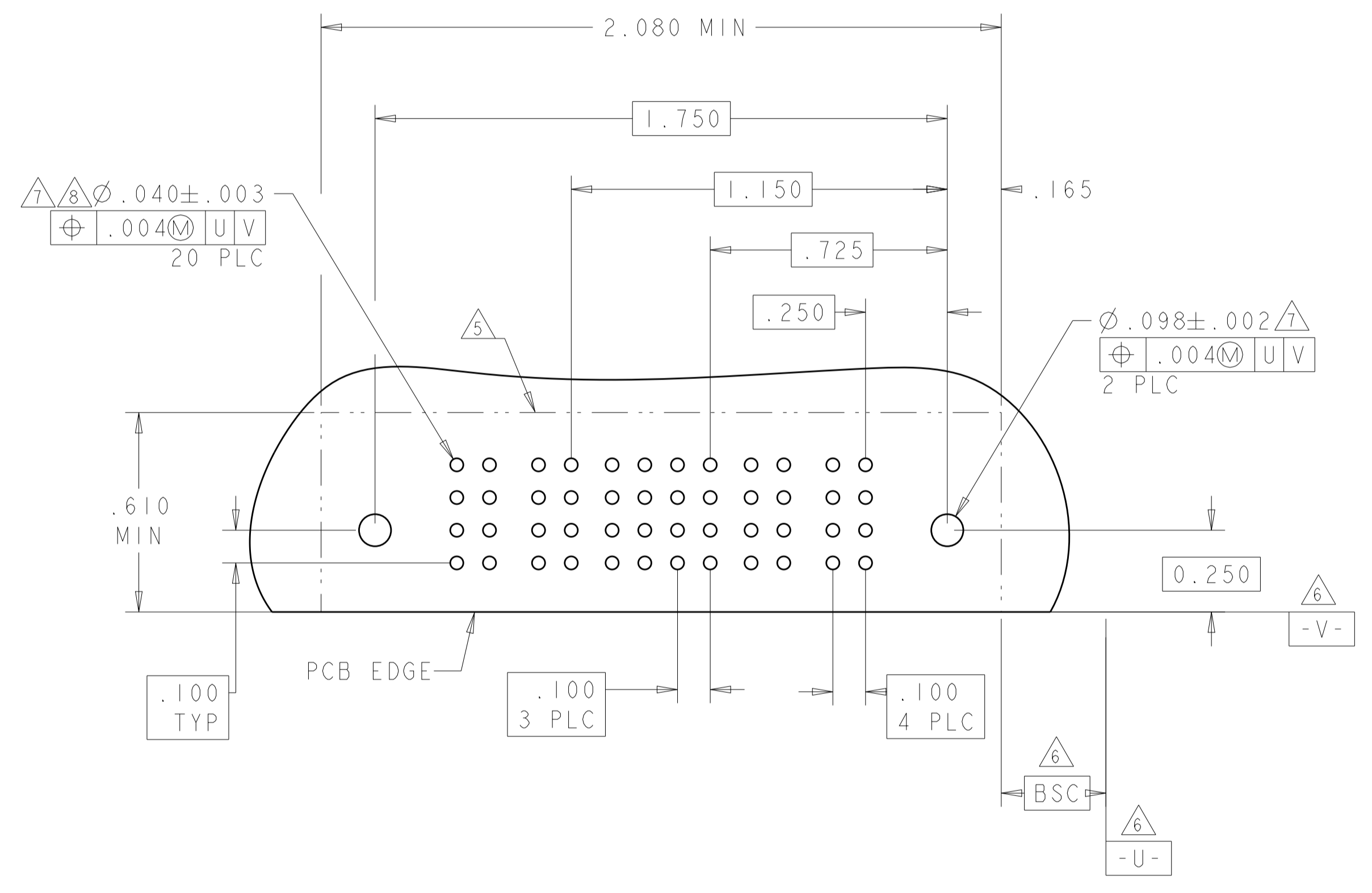


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 21FEB05	TE Connectivity										
DIMENSIONS: INCHES		CHK: M. PERCHERKE 21FEB05											
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL										
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>2 PLC</td><td>±.01</td></tr> <tr><td>3 PLC</td><td>±.005</td></tr> <tr><td>4 PLC</td><td>±.0020</td></tr> <tr><td>ANGLES</td><td>±2°</td></tr> </table>		0 PLC	±	2 PLC	±.01	3 PLC	±.005	4 PLC	±.0020	ANGLES	±2°	PRODUCT SPEC: 108-1973	SIZE: A1
0 PLC	±												
2 PLC	±.01												
3 PLC	±.005												
4 PLC	±.0020												
ANGLES	±2°												
MATERIAL: -		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450170										
FINISH: -		WEIGHT: -	RESTRICTED TO: -										
		CUSTOMER DRAWING	SCALE: 1:1 SHEET 7 OF 13 REV: J3										

LOC	DIST	REV	DATE	BY	APPV
ES	00				

PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P4	P3	4	3	2	1	P2	P1
3-6450170-1	D	RM	RA	H	H	H	H	RA	RM
	C			G	G	G	G		
	B	E	E	E	E	HD			
	A	F	F	F	F				
2P + 16S + 2P									

PART NUMBER	ROWS	POWER			SIGNAL						POWER			
		P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1
1-6450170-8	D	RM	RM	RA	H	H	H	H	H	H	RM	RM	RM	RM
	C				G	G	G	G	G					
	B	F	F	F	F	F	HD							
	A	E	E	E	E	E								
4P + 24S + 3ACP														

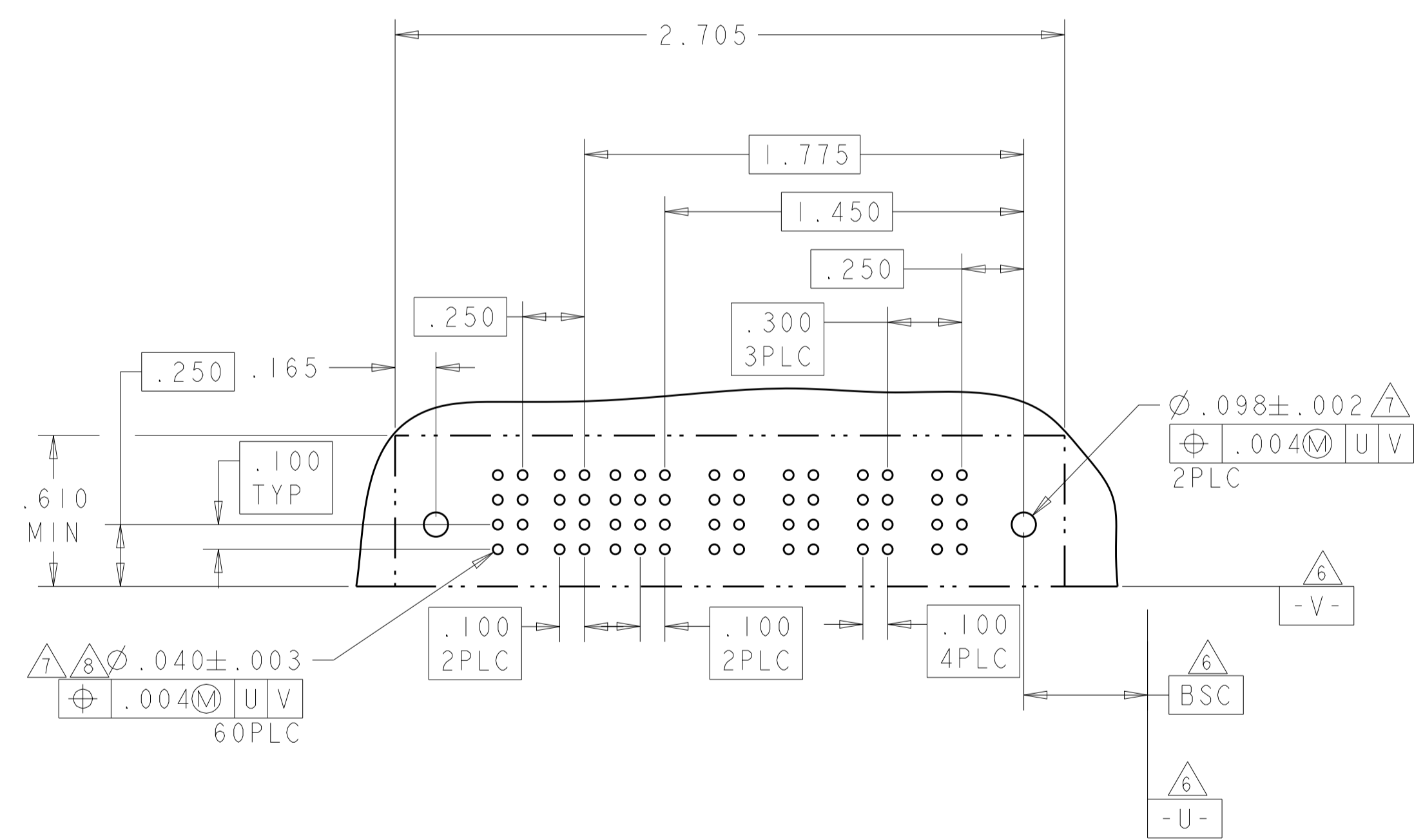


THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI	21FEB05	TE Connectivity RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
INCHES	0 PLC ± .01 1 PLC ± .01 2 PLC ± .01 3 PLC ± .005 4 PLC ± .002 ANGLES ± .2°	CHK: M. PERCHERKE	21FEB05	
MATERIAL:	FINISH:	APVD: M. PERCHERKE	NAME	RESTRICTED TO
		PRODUCT SPEC	SIZE	CAGE CODE
		APPLICATION SPEC	DRAWING NO	SHEET
		114-13038	A100779	8 OF 13
		WEIGHT	C=6450170	REV
		CUSTOMER DRAWING	SCALE	J3
			1:1	

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

PART NUMBER	ROWS	POWER	SIGNAL			POWER				
			P6	P5	3	2	1	P4	P3	P2
3-6450170-3	D	RM	RM	H	H	H	RM	RM	RM	RM
	C			G	G	G				
	B			F	F	F				
	A			E	E	E				
4ACP + 12S + 2P		HD	HD					HD	HD	

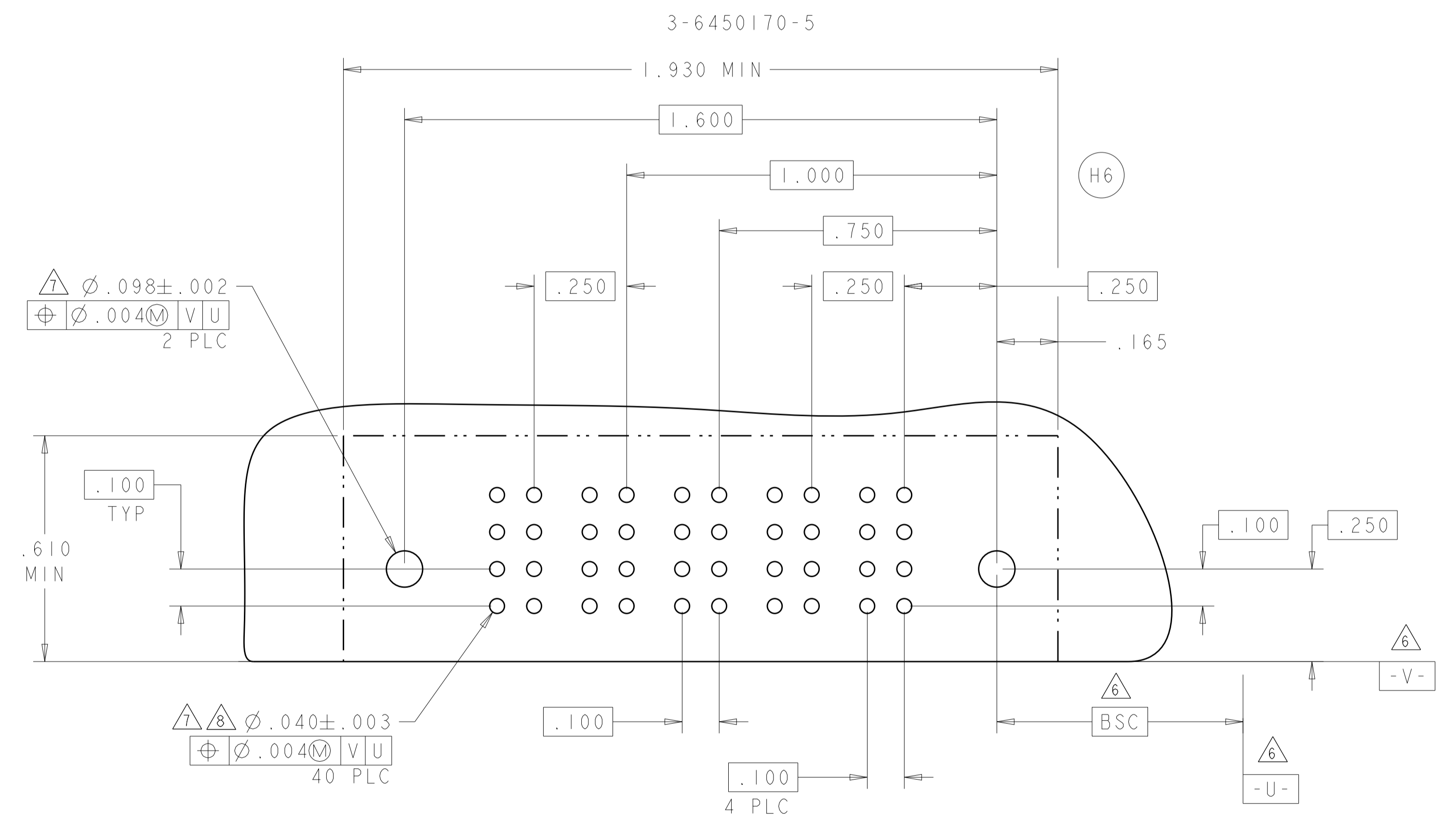
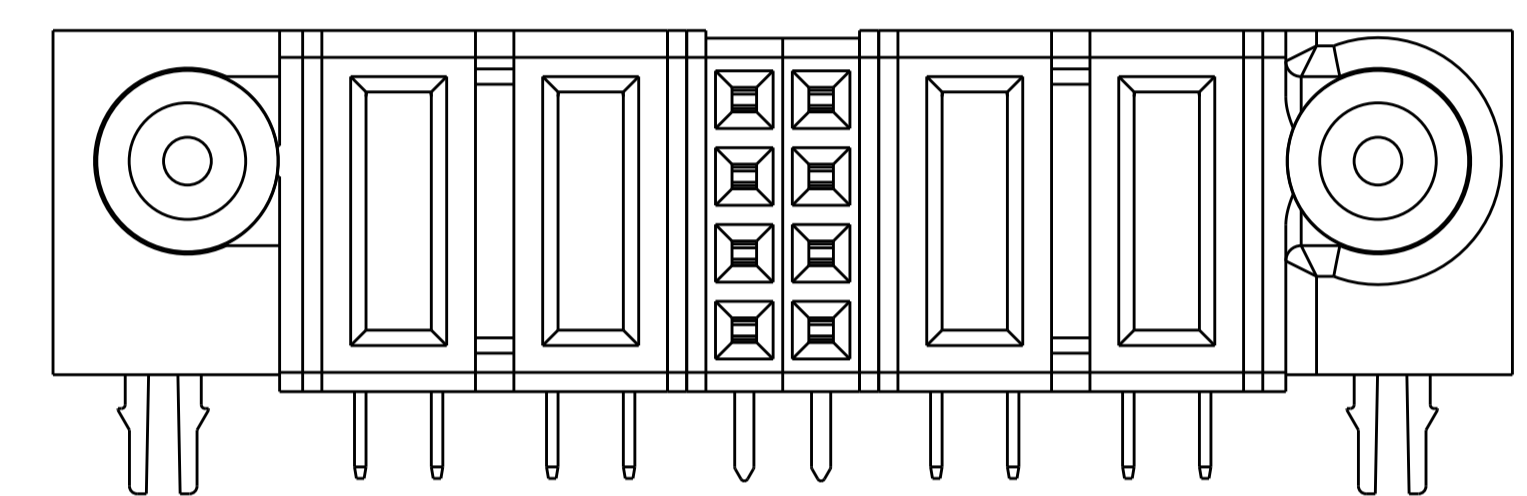
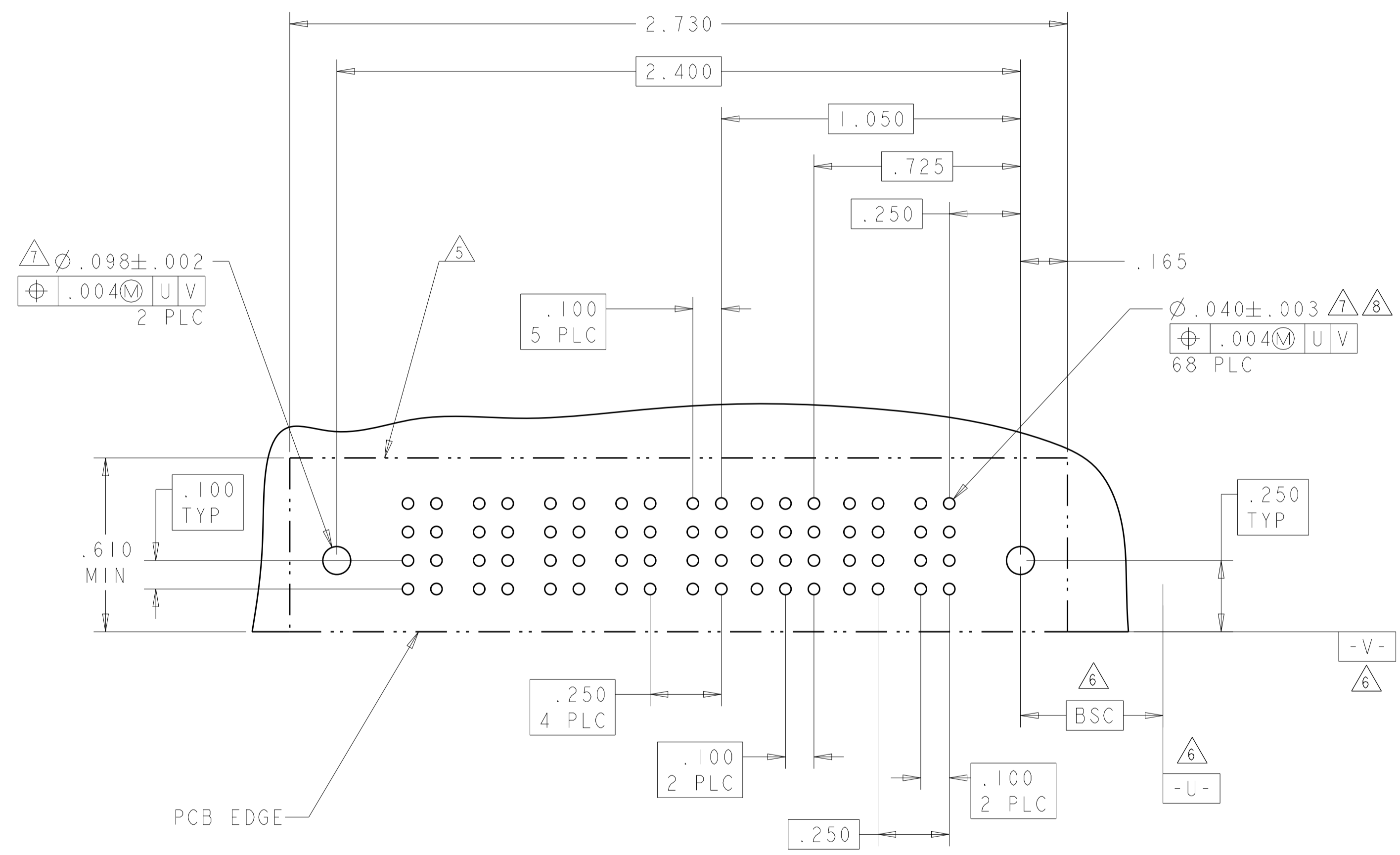


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 21FEB05 CHK: M. PERCHERKE 21FEB05	TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: M. PERCHERKE	
	0 PLC ± 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	SIZE: A1 CAGE CODE: 6450170 RESTRICTED TO: -
MATERIAL: -	FINISH: -	WEIGHT: -	CUSTOMER DRAWING SCALE: 1:1 SHEET 9 OF 13 REV J3

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

PART NUMBER	ROWS	POWER					SIGNAL			POWER	
		P7	P6	P5	P4	P3	3	2	1	P2	P1
3-6450170-4	D C B A	RM	RM	RM	RM	RM	H	H	H	RM	RM
							G	G	G		
							F	F	F		
							E	E	E		
2P + 12S + 5P											

PART NUMBER	ROWS	POWER		SIGNAL		POWER	
		P4	P3	2	1	P2	P1
3-6450170-5	D C B A	RA	RA	H	H	RM	RM
				G	G		
				F	F		
				E	E		
2P + 8S + 2P							



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE	21FEB05 21FEB05	TE Connectivity RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	
MATERIAL:	FINISH:	WEIGHT:	CAGE CODE: 6450170	RESTRICTED TO:
CUSTOMER DRAWING			SCALE: 1:1	SHEET 10 OF 13 REV J3

LOC	DIST	REV	DATE	BY	APPV
ES	00				

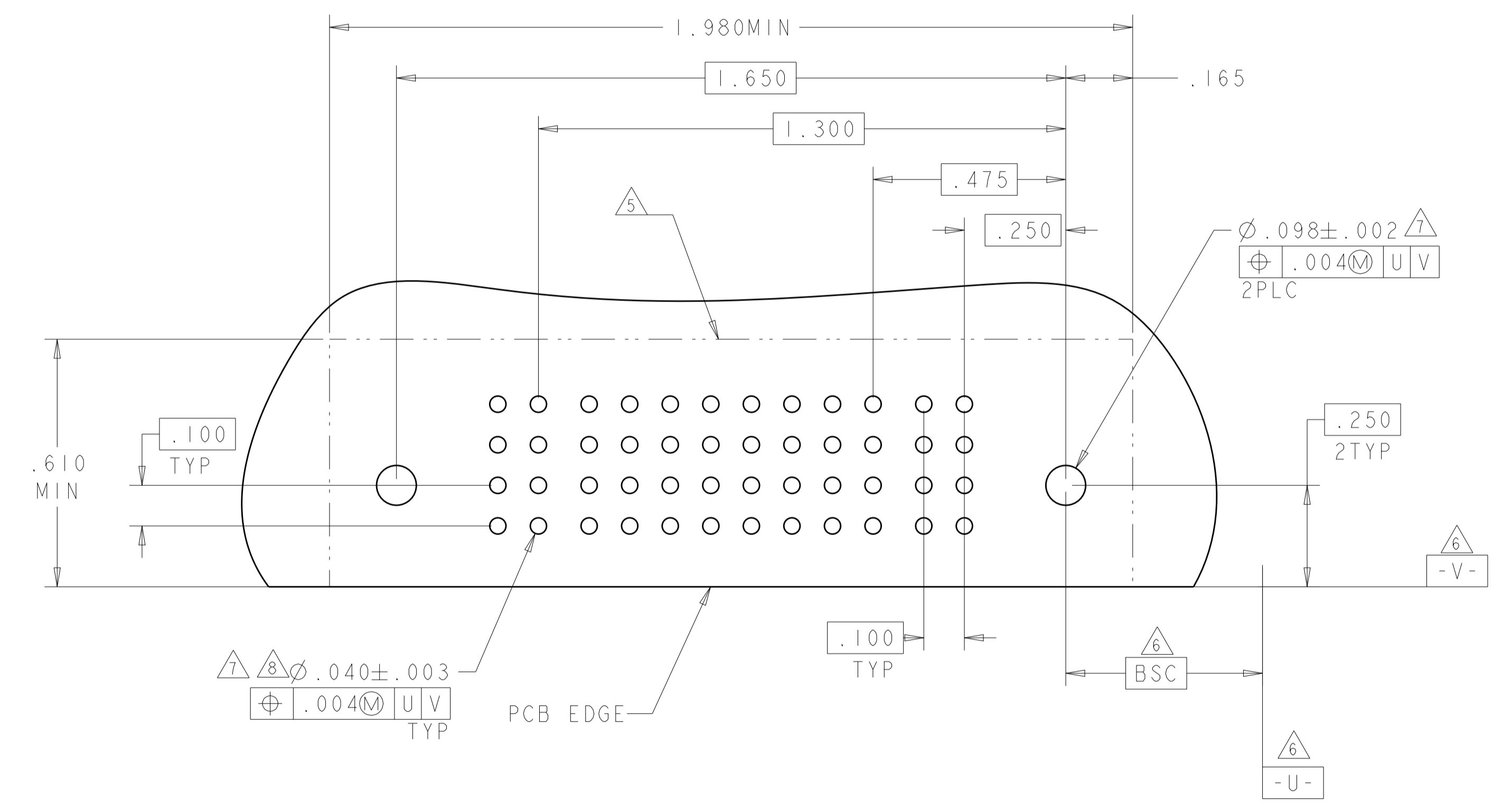
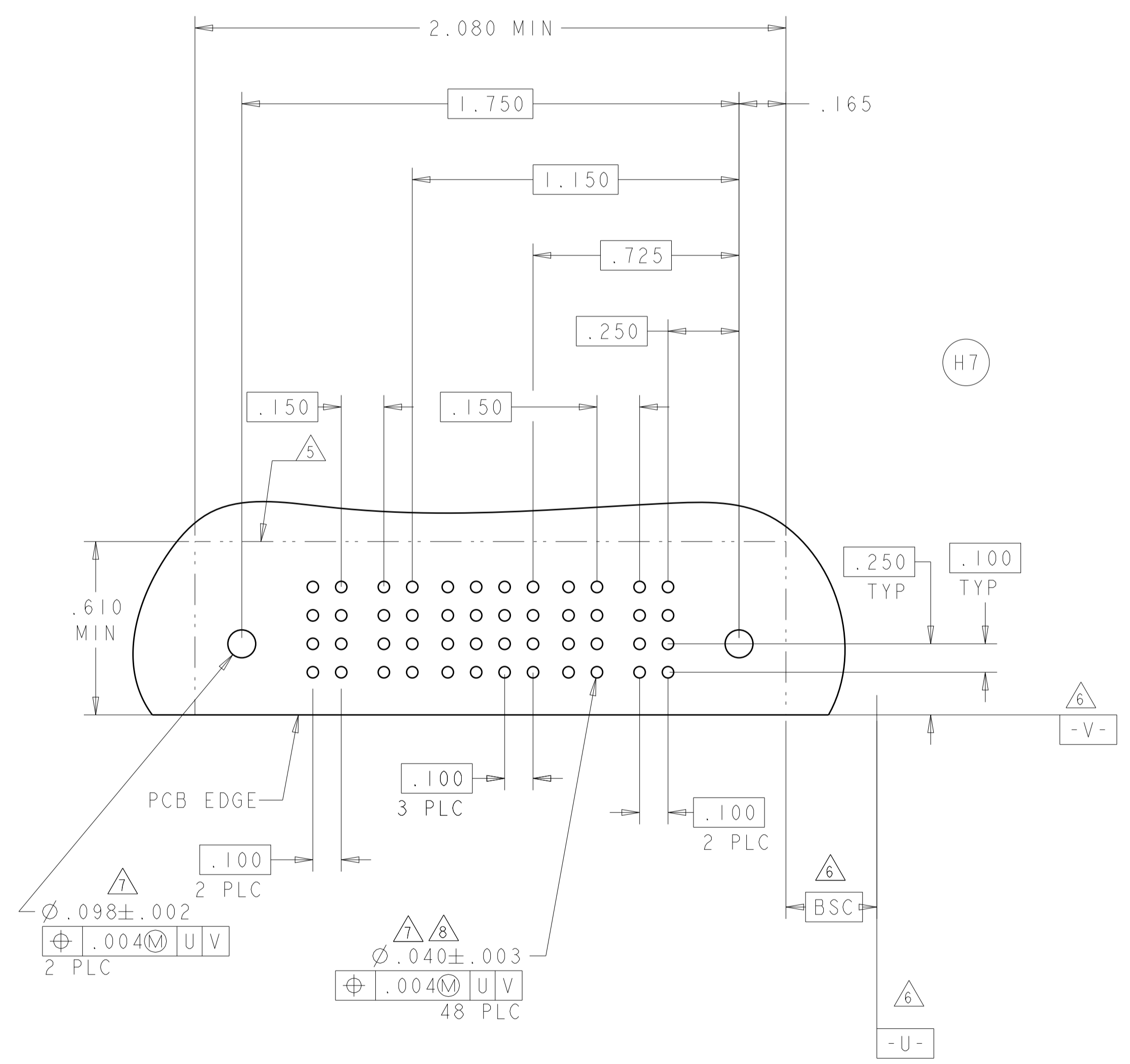
REVISIONS			
NO	DATE	DESCRIPTION	BY
-	-	SEE SHEET 1	-

PART NUMBER	ROWS	POWER		SIGNAL				POWER		H7
		P4	P3	4	3	2	1	P2	PI	
3-6450170-6	D	RA	RA	H	H	H	H	RM	RM	H7
	C			G	G	G	G			
	B			E	E	E	E			
	A			F	F	F	F			

2P + 16S + 2P

PART NUMBER	ROWS	POWER		SIGNAL								POWER		H8	
		P2	8	7	6	5	4	3	2	1	PI				
3-6450170-7	D	RA	RA	H	H	H	H	H	H	H	H	H	RM	RM	H8
	C			G	G	G	G	G	G	G					
	B			F	F	F	F	F	F	F					
	A			E	E	E	E	E	E	E					

IP + 32S + IP



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DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°	FINISH	FINISH
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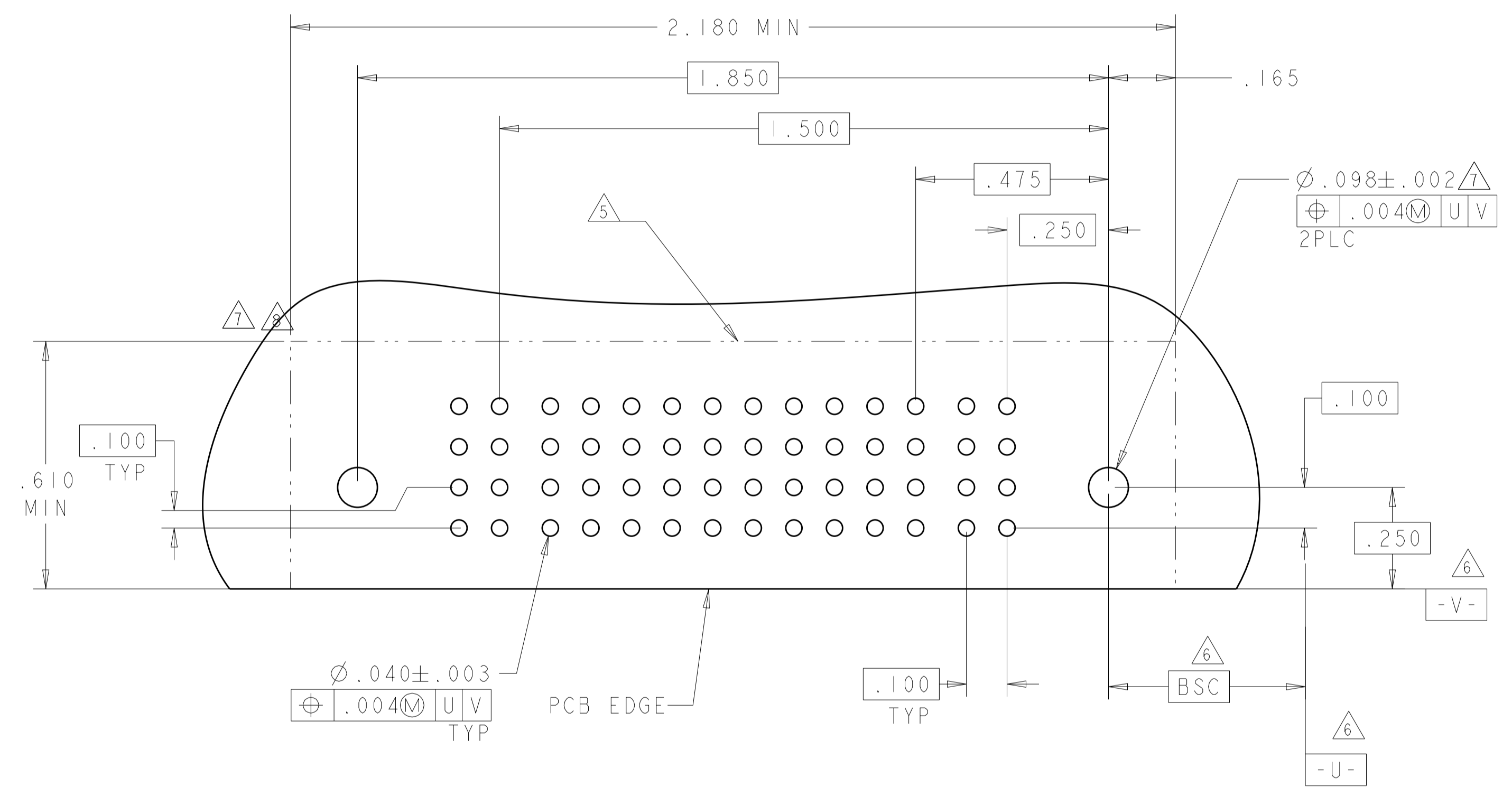
OWN: R. GRZYBOWSKI 21FEB05	CHK: M. PERCHERKE 21FEB05	APVD: M. PERCHERKE	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
PRODUCT SPEC: 108-1973		APPLICATION SPEC: 114-13038	
WEIGHT: -		SCALE: 1:1	
CUSTOMER DRAWING		SHEET 11 OF 13 REV J3	

STC TE Connectivity

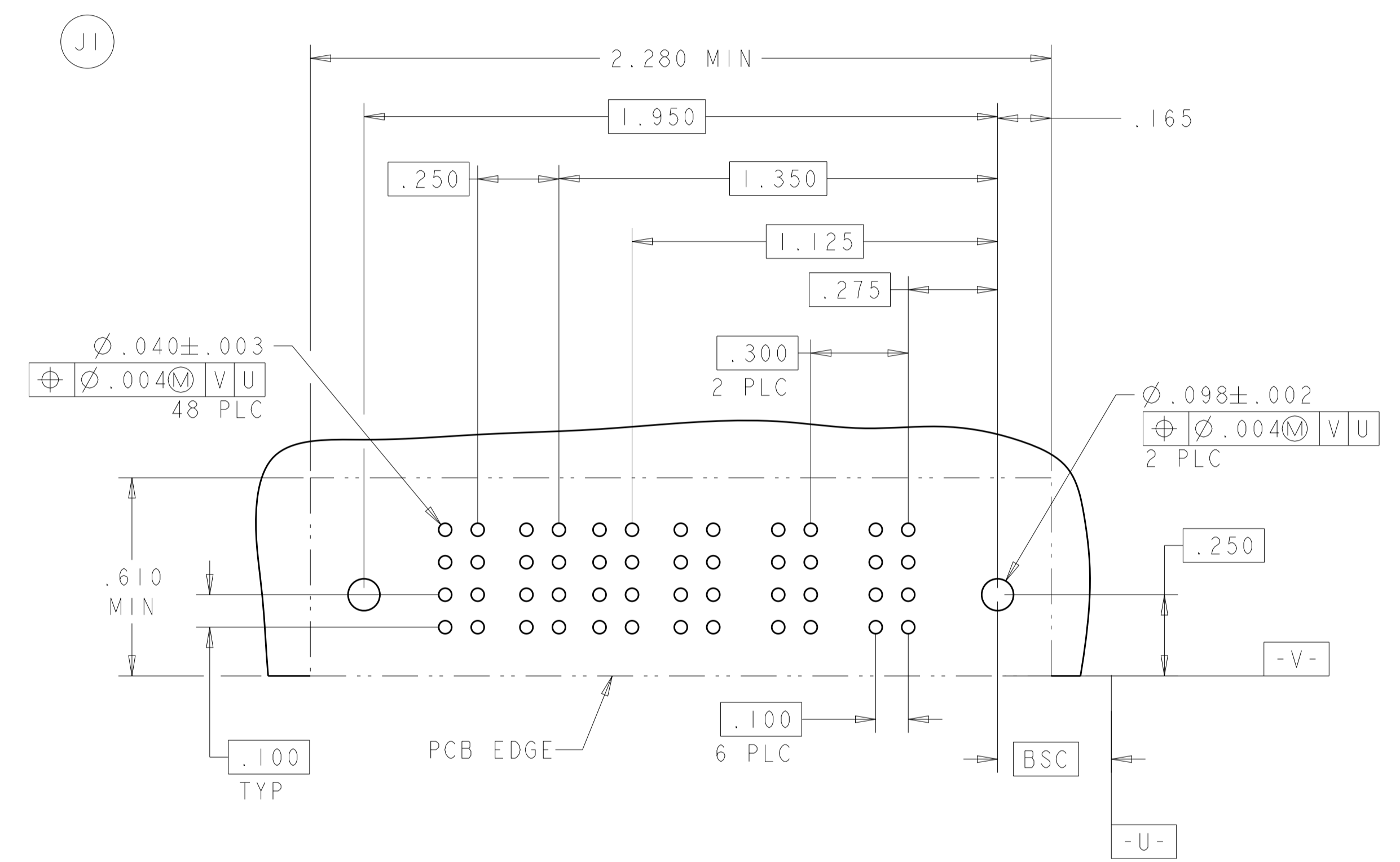
LOC	DIST	REV	DATE	BY	APPV
ES	00				
DESCRIPTION			DATE	BY	APPV
SEE SHEET 1					

PART NUMBER	ROWS	SIGNAL										POWER		
		P2	10	9	8	7	6	5	4	3	2	1	PI	
3-6450170-8	D C B A	H	H	H	H	H	H	H	H	H	H	H	RM	
		G	G	G	G	G	G	G	G	G	G	G	RM	
		F	F	F	F	F	F	F	F	F	F	F	RM	
		E	E	E	E	E	E	E	E	E	E	E	RM	
IP + 40S + IP														

PART NUMBER	ROWS	POWER		SIGNAL		POWER		
		P5	P4	2	1	P3	P2	PI
3-6450170-9	D C B A	RM	RM	H	H	RA	RM	RM
				G	G			
				F	F			
				E	E			
3ACP + 8S + 2P								



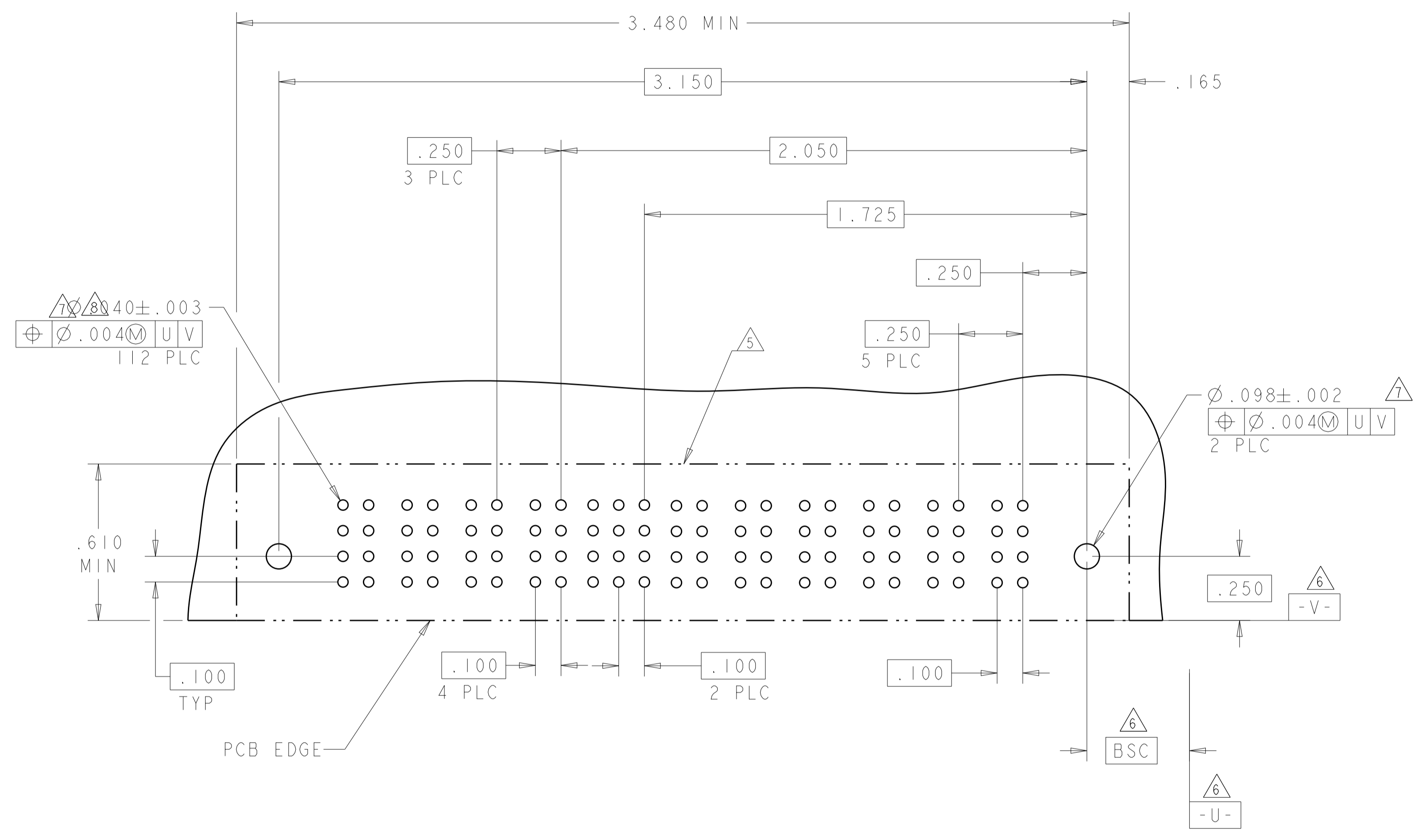
TE RECOMMENDED PCB LAYOUT



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DIMENSIONS: INCHES 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.020	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT:	SIZE: A1 CAGE CODE: 6450170 CUSTOMER DRAWING: SCALE 1:1 SHEET 12 OF 13 REV J3

PART NUMBER	ROWS	POWER				SIGNAL			POWER					
		P10	P9	P8	P7	3	2	1	P6	P5	P4	P3	P2	P1
4-6450170-0	D	RM	RM	RM	RM	H	H	H	RM	RM	RM	RM	RA	RA
	C					G	G	G						
	B					F	F	F						
	A	HD				E	E	E						HD

6P + 12S + 4P



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DIMENSIONS:		CHK	
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	NAME
	0 PLC ±	PRODUCT SPEC	
	1 PLC ±	APPLICATION SPEC	
	2 PLC ±		
MATERIAL	FINISH	WEIGHT	RESTRICTED TO
			SIZE CAGE CODE DRAWING NO
			A 1
			SCALE SHEET OF REV