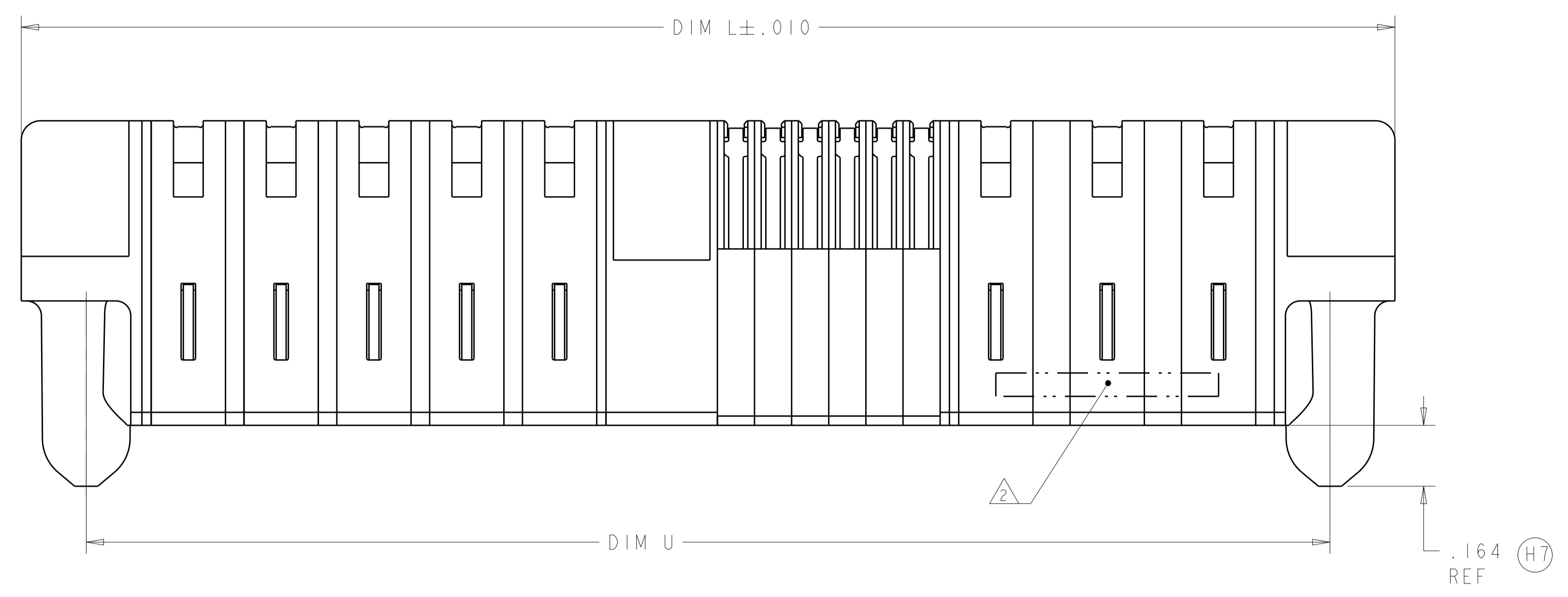
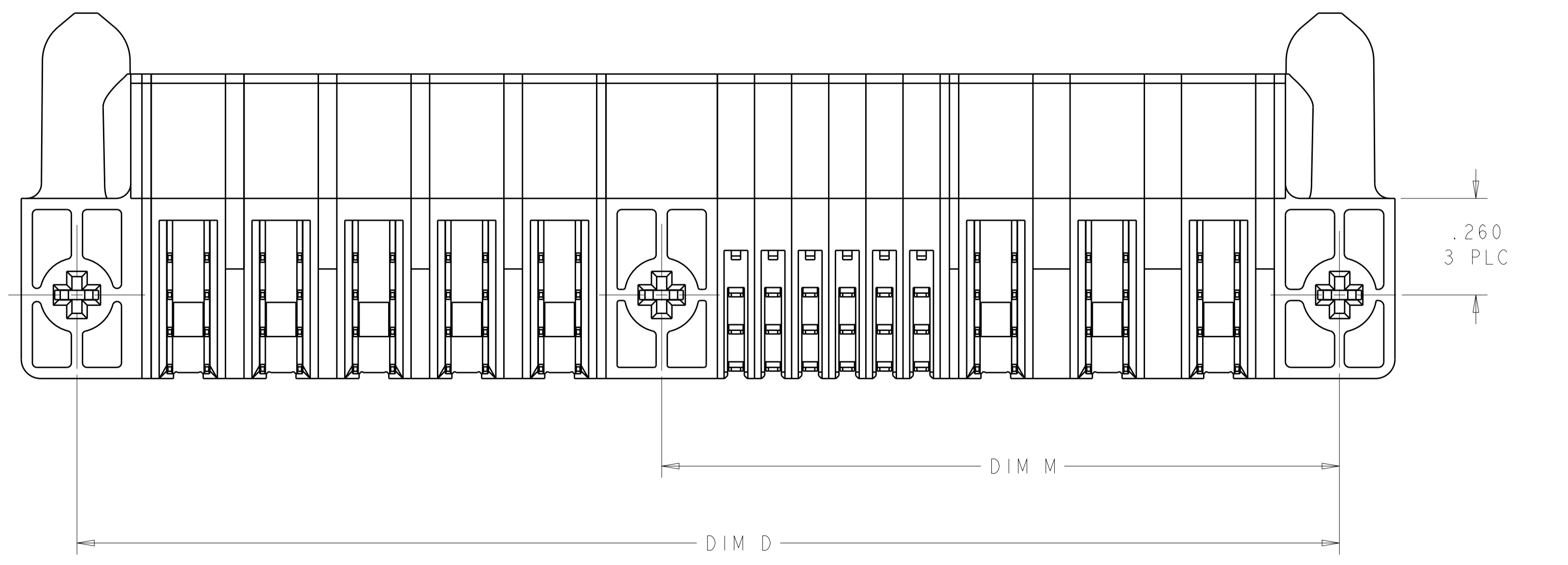
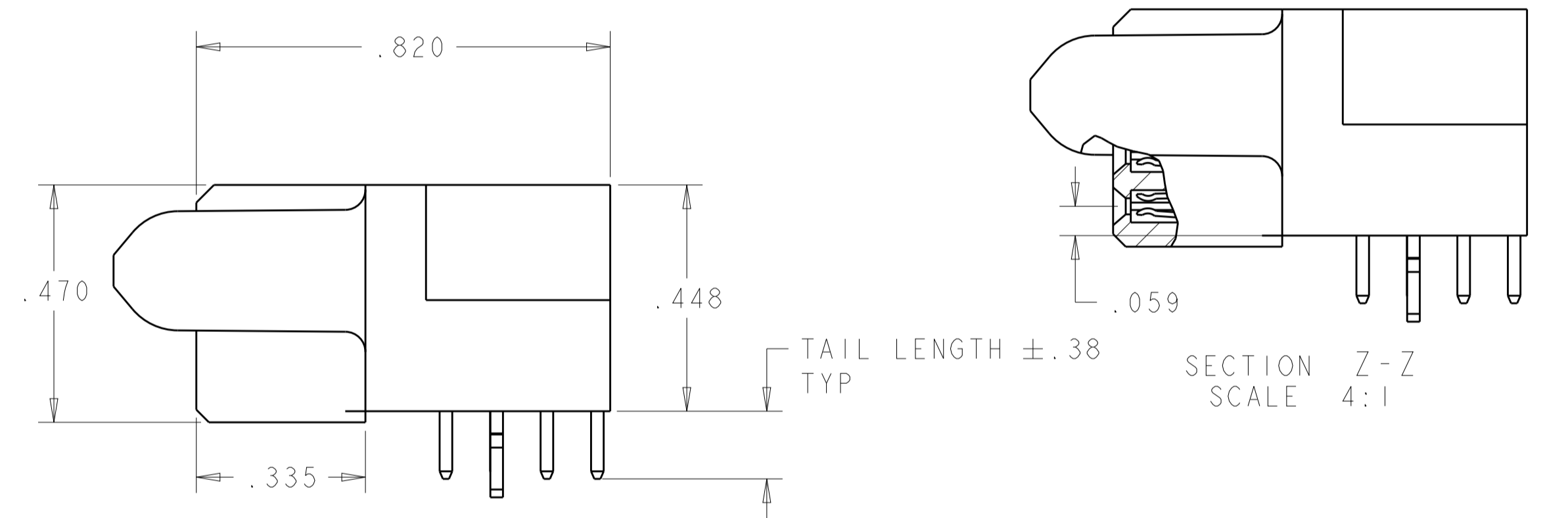
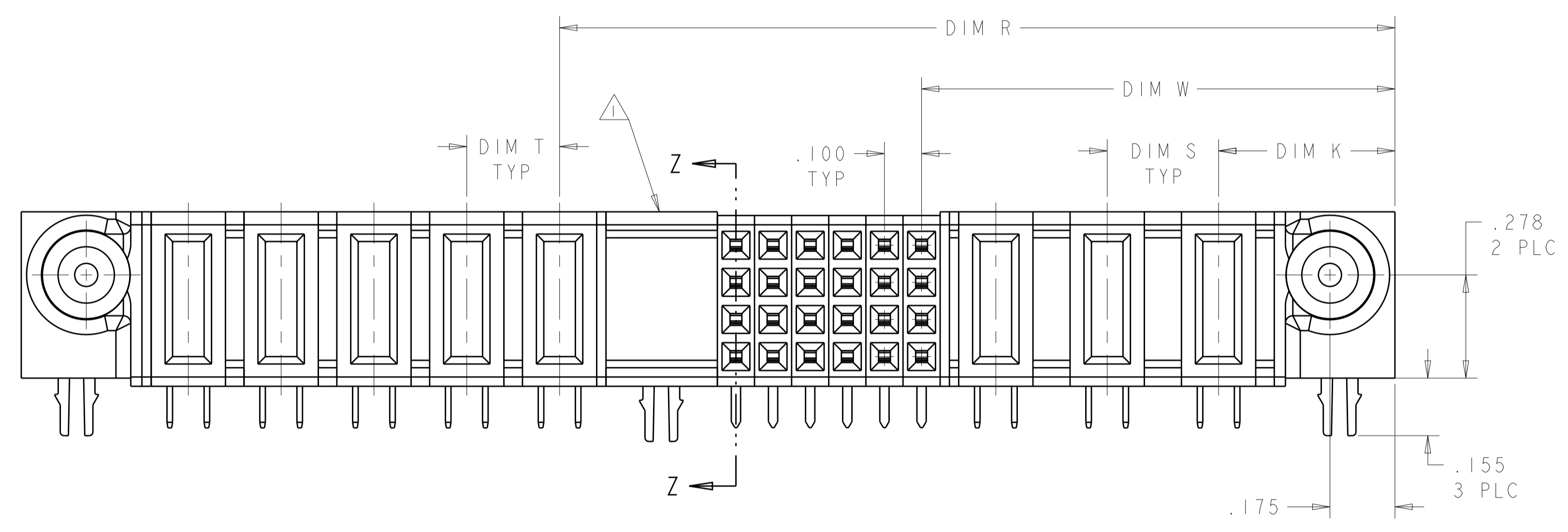


LOC		DIST		REVISIONS			
ES	00	P	LTM	DESCRIPTION	DATE	DWN	APVD
		J1		REV PER ECR-12-016975	25SEP2012	CZ	SZ
		J3		ADDED NEW DASH NUMBER 4-0	01FEB2013	CZ	SZ
		J5		ADDED NEW DASH NUMBER 4-1	25FEB2014	CZ	SZ



- △ 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
 CHK: M.PERCHEK 21FEB05
 APVD: M.PERCHEK

TE Connectivity

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

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

SIZE: A1
 CAGE CODE: 6450170
 DRAWING NO: 100779

RESTRICTED TO: -

MATERIAL: 3
 FINISH: 4


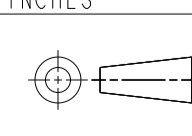
CUSTOMER DRAWING

SCALE: 4:1 SHEET 1 OF 13 REV J5

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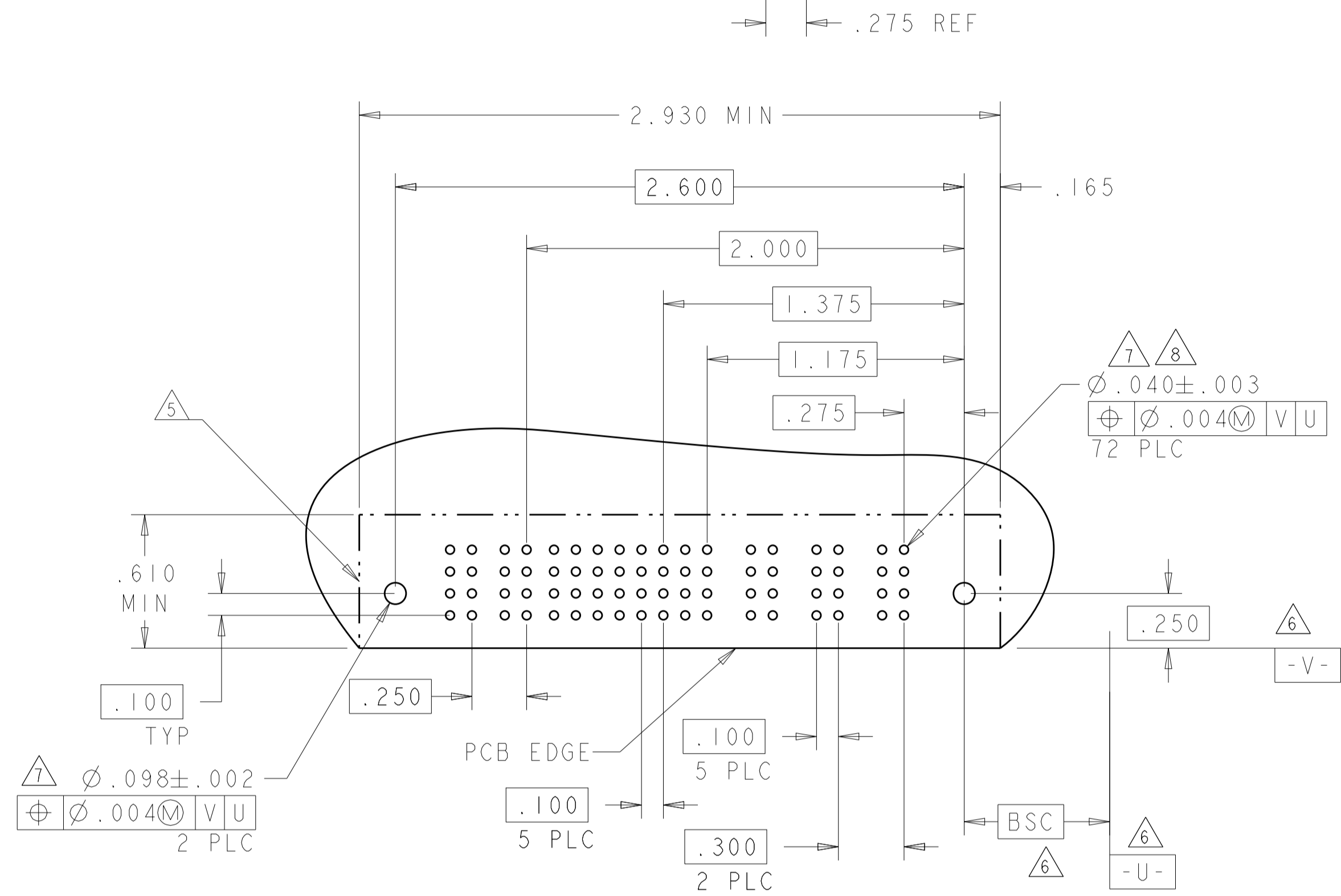
LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

J4	2.650	.200	.250	1.550	.875	2.700	-	3.000	.450	2P + 24S + 6P	4-6450170-1
	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
	DIM U	DIM T	DIM S	DIM R	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION	PART NUMBER

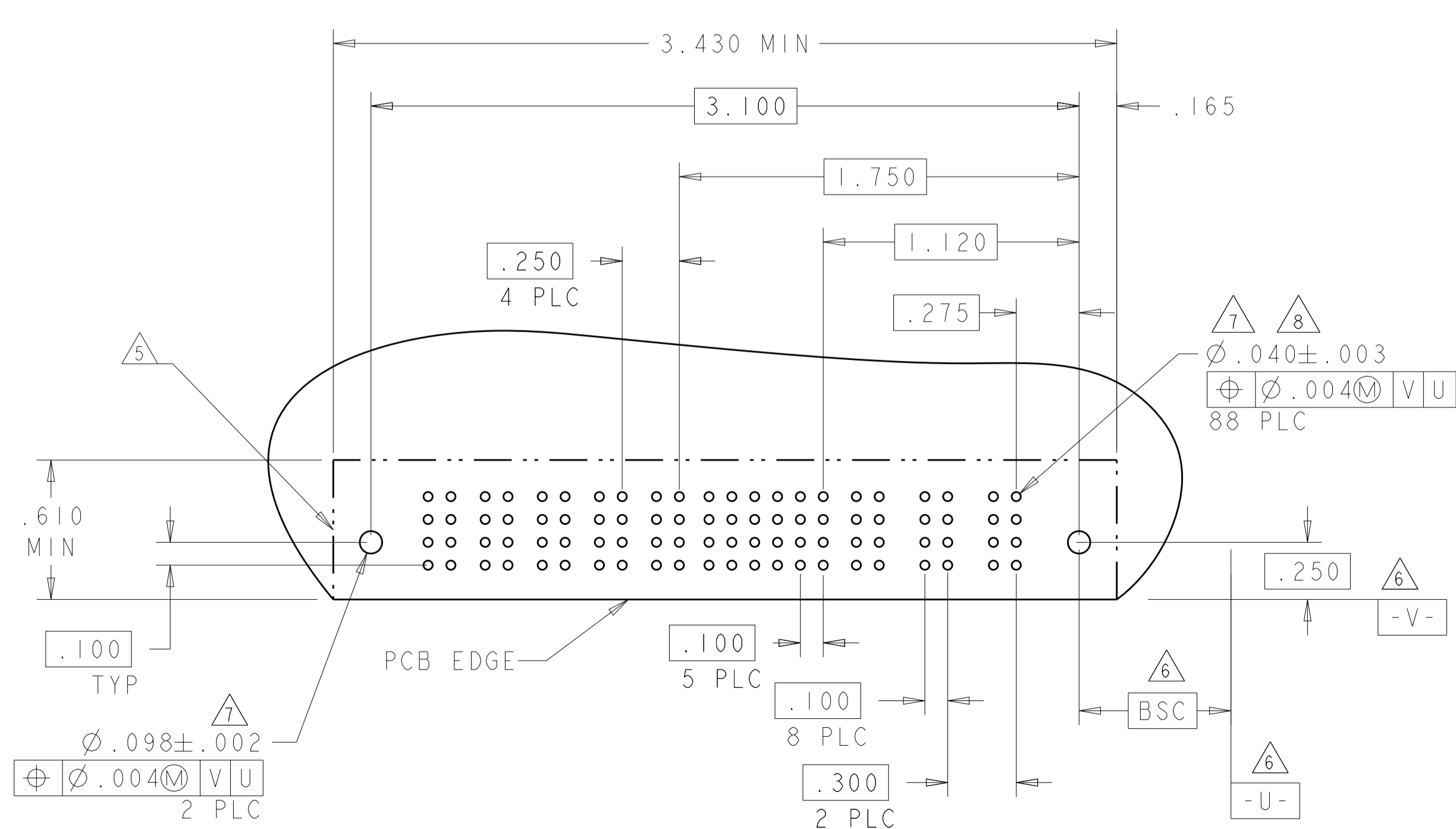
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE	ZIFEB05 ZIFEB05	 TE Connectivity NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. PERCHERKE	PRODUCT SPEC 108-1973	
 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.002 FINISH	MATERIAL FINISH	APPLICATION SPEC 114-13038	WEIGHT CUSTOMER DRAWING	SIZE A100779C=6450170
		SCALE 4:1		SHEET 2 OF 13

NO CONTACT

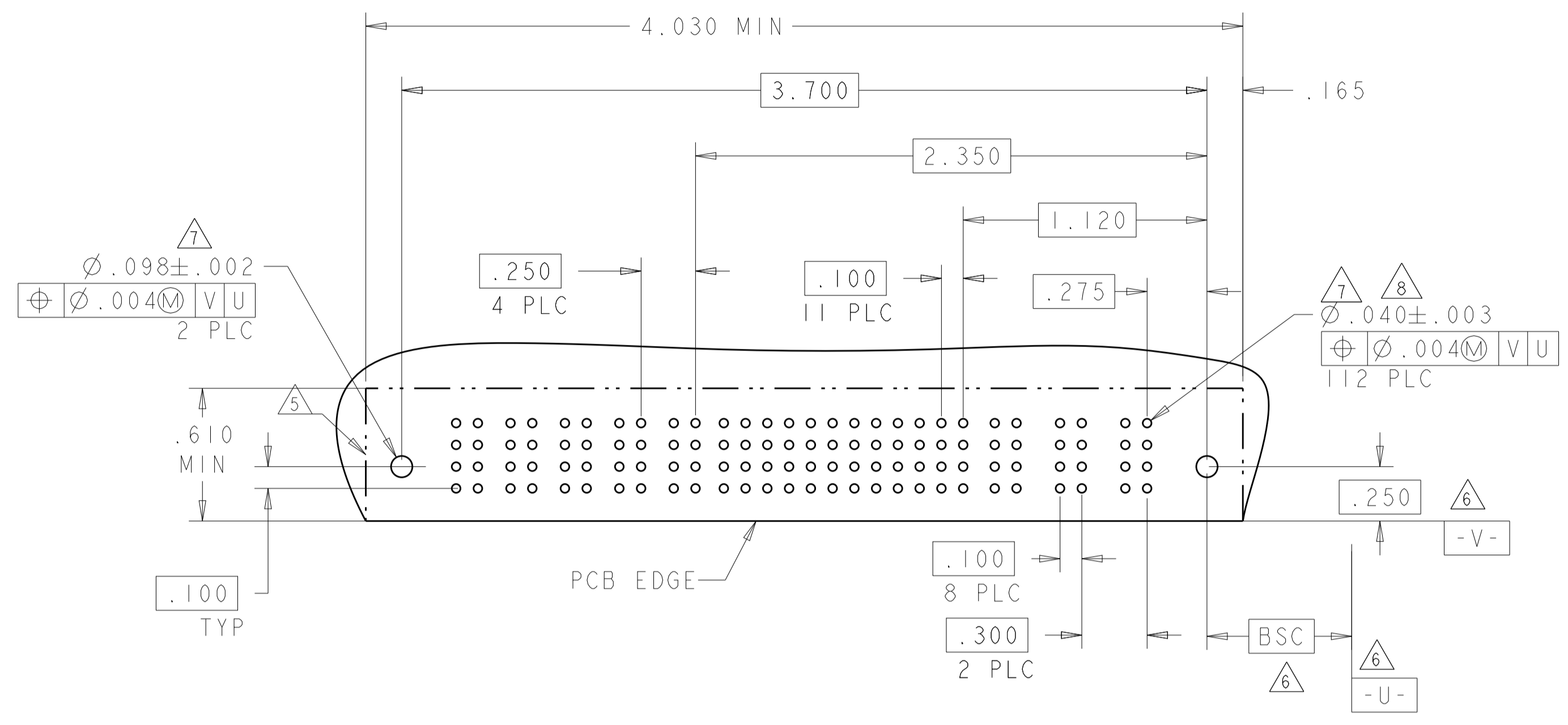
PART NUMBER	ROWS	POWER				SIGNAL				POWER					
		P6	P5	P4	P3	6	5	4	3	2	1	P4	P3	P2	P1
6450170-1	D C B A	RM	RM	RM	RM	H	H	H	H	H	H	H	RA	RM	RM
		3ACP + 1P + 24S + 2P													



PART NUMBER	ROWS	POWER				SIGNAL				POWER					
		P8	P7	P6	P5	P4	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	RA	RM	RM
		3ACP + 24S + 5P													

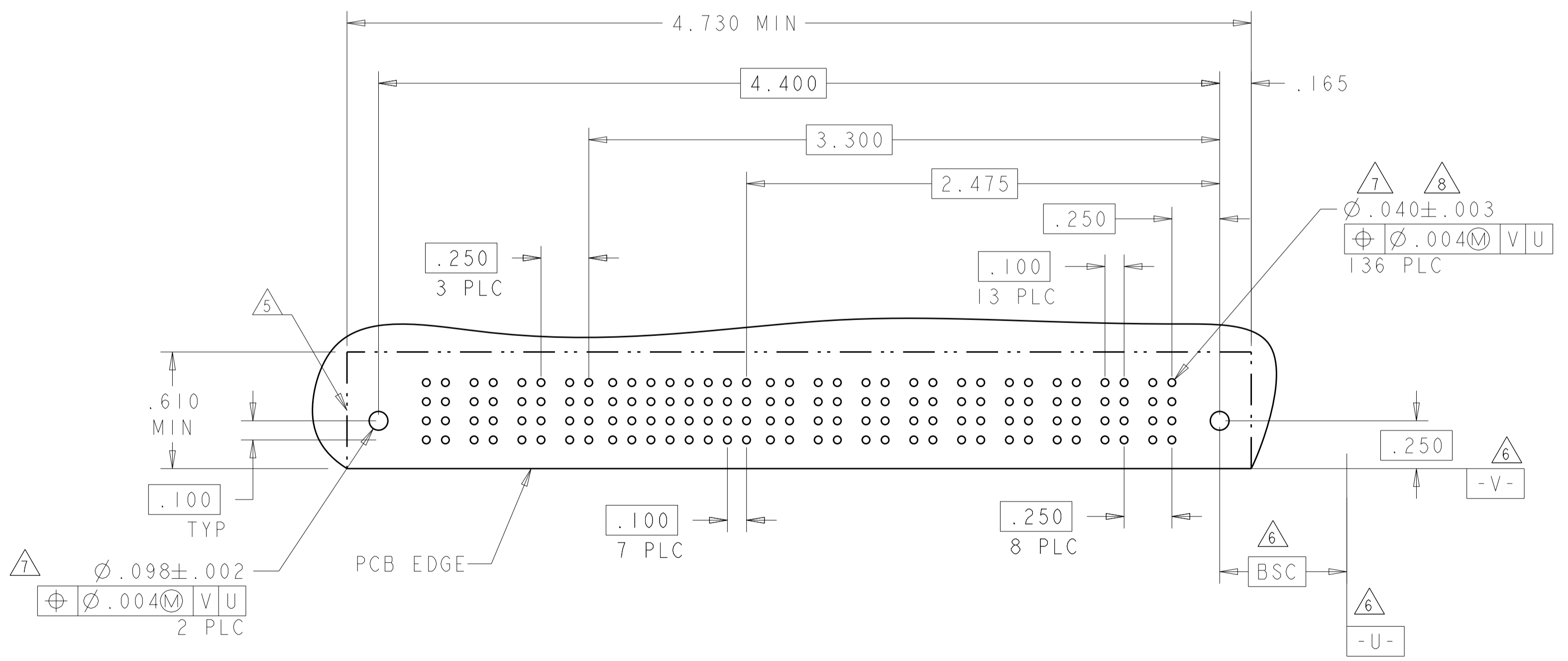


PART NUMBER	ROWS	POWER				SIGNAL											POWER			
		P8	P7	P6	P5	12	11	10	9	8	7	6	5	4	3	2	1	P3	P2	P1
6450170-3	D C B A	RM	RM	RM	RM	H	H	H	H	H	H	H	H	H	H	H	H	RA	RM	RM
		3ACP + 48S + 5P																		



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	P1		
6450170-4	D C B A	RM	RM	RA	RM	H	H	H	H	H	H	H	H	RM	RM	RM	RM	RM	RM	RA	RM	RM		
		J ² 3c3 4P																						



RM	.135	STD	F	.135	B
RA	.135	MFBL	E	.135	A
CODE	TAIL LENGTH	TYPE	CODE	TAIL LENGTH	ROW
POWER CONTACT			SIGNAL CONTACT		

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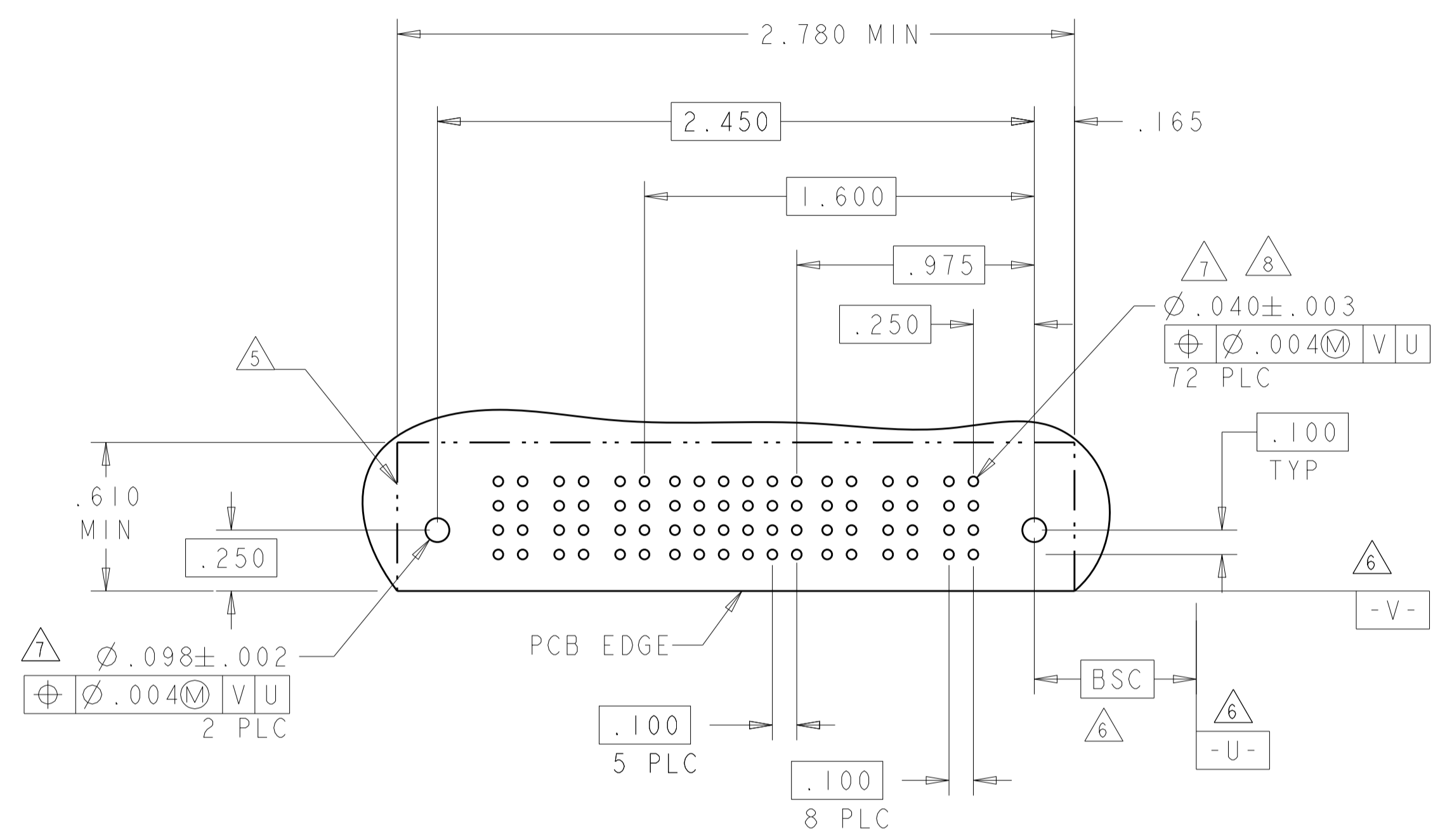
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI	21FEB05
0 PLC ±.01	1 PLC ±.01	CHK: M. PERCHERKE	21FEB05
2 PLC ±.01	3 PLC ±.01	APVD: M. PERCHERKE	
4 PLC ±.002	5 PLC ±.005	PRODUCT SPEC	
ANGLES ±.020		108-1973	
		APPLICATION SPEC	
		114-13038	
		WEIGHT	
		FINISH	
MATERIAL		CUSTOMER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

NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
 SIZE: CAGE CODE DRAWING NO: A100779 ©=6450170
 RESTRICTED TO: SCALE: 1:1 SHEET 3 OF 13 REV J5

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

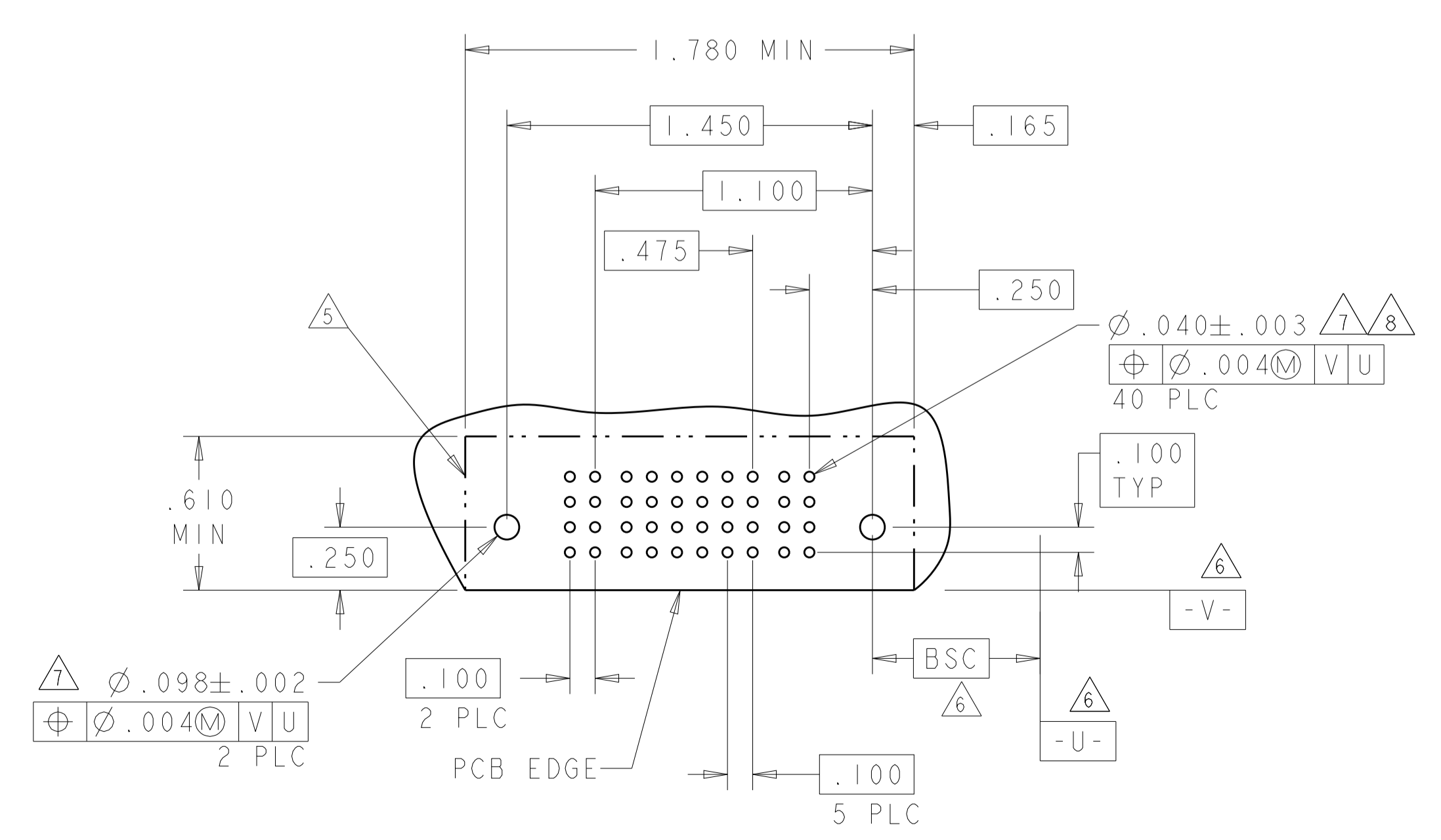
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		P6	P5	P4	6	5	4	3	2	1	P3	P2	P1
6450170-5	D C B A	RM	RM	RM	H	H	H	H	H	H	RM	RM	RA
		G	G	G	G	G	G	G	G	G	F	F	F
		E	E	E	E	E	E	E	E	E	E	E	E

3P + 24S + 3P



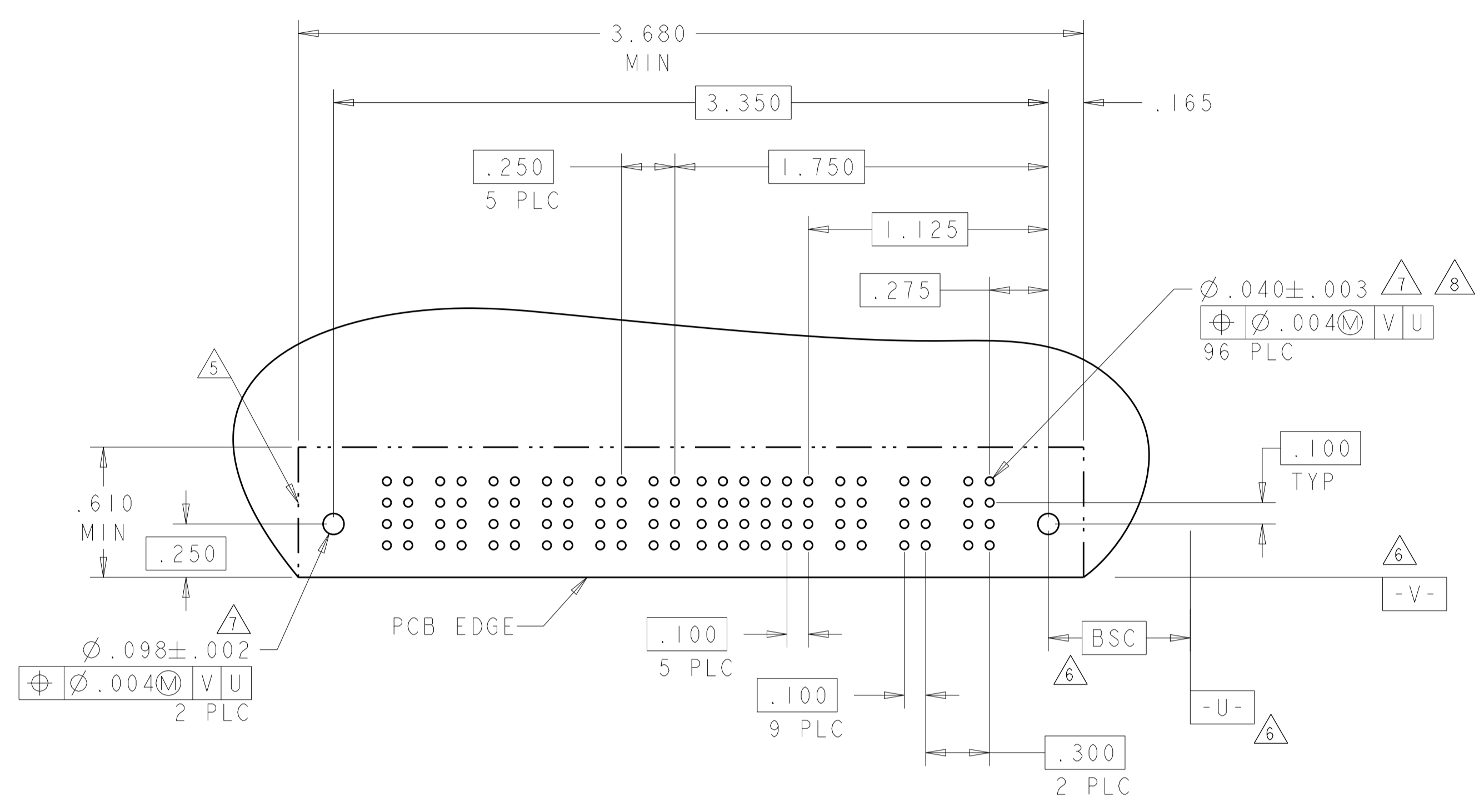
PART NUMBER	ROWS	POWER		SIGNAL				POWER			
		P2	P1	6	5	4	3	2	1	P2	P1
6450170-6	D C B A	RB	RM	L	L	L	L	L	L	RM	RA
		K	K	K	K	K	K	K	K	J	J
		I	I	I	I	I	I	I	I	T	T

1P + 24S + 1P



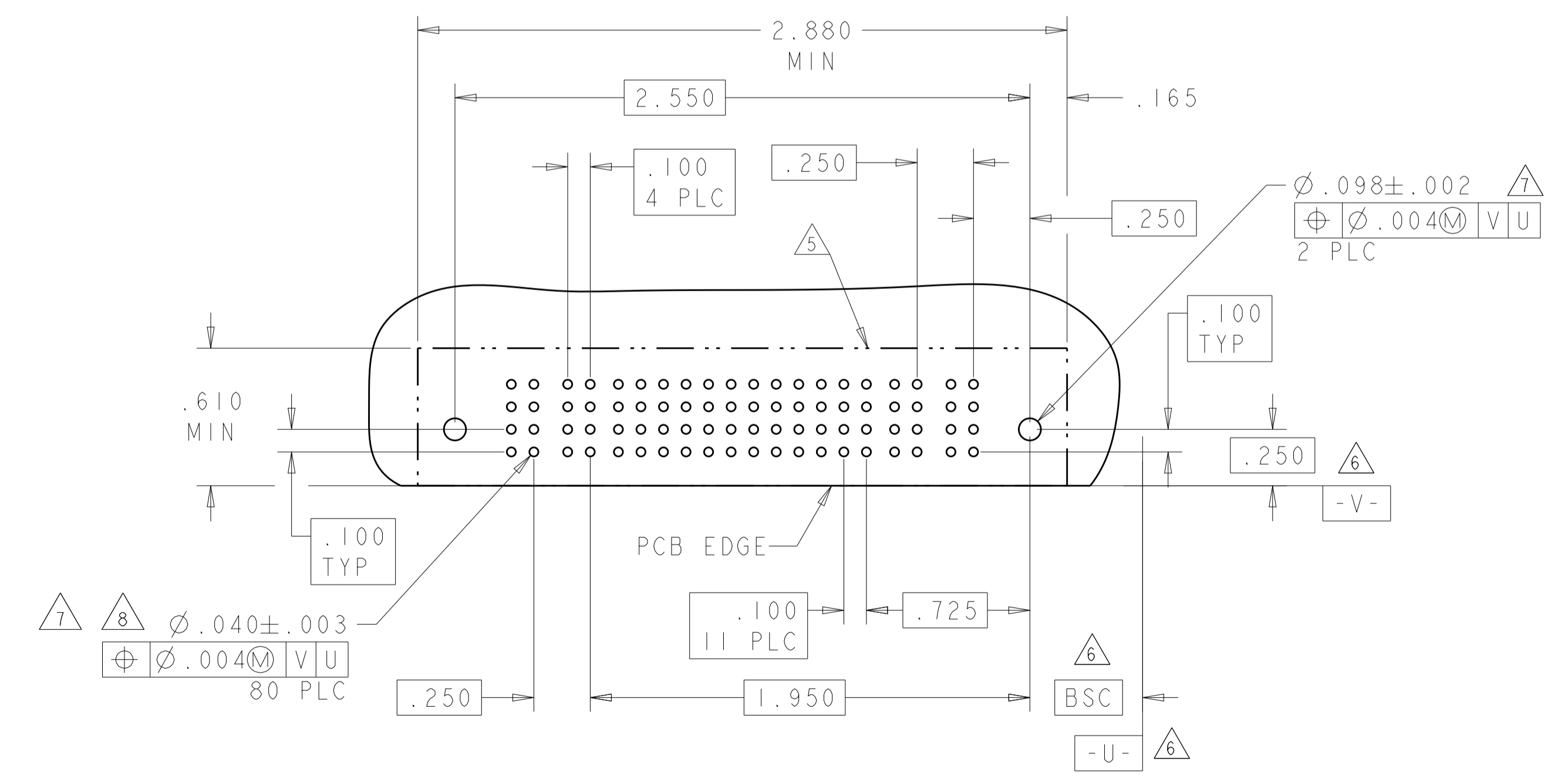
PART NUMBER	ROWS	POWER				SIGNAL						POWER				
		P9	P8	P7	P6	P5	P4	6	5	4	3	2	1	P3	P2	P1
6450170-8	D C B A	RM	RM	RM	RM	RM	H	H	H	H	H	H	H	RA	RM	RM
		G	G	G	G	G	G	G	G	G	G	G	G	F	F	F
		E	E	E	E	E	E	E	E	E	E	E	E	E	E	E

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	G	G	F	F
		E	E	E	E	E	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	APPV: M. PERCHERKE	
	2 PLC ±.01	PRODUCT SPEC:	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
	3 PLC ±.01	APPLICATION SPEC:	108-1973
	4 PLC ±.002	SIZE: 114-13038	114-13038
MATERIAL:	FINISH:	WEIGHT:	SCALE: 4:1
			SHEET 4 OF 13

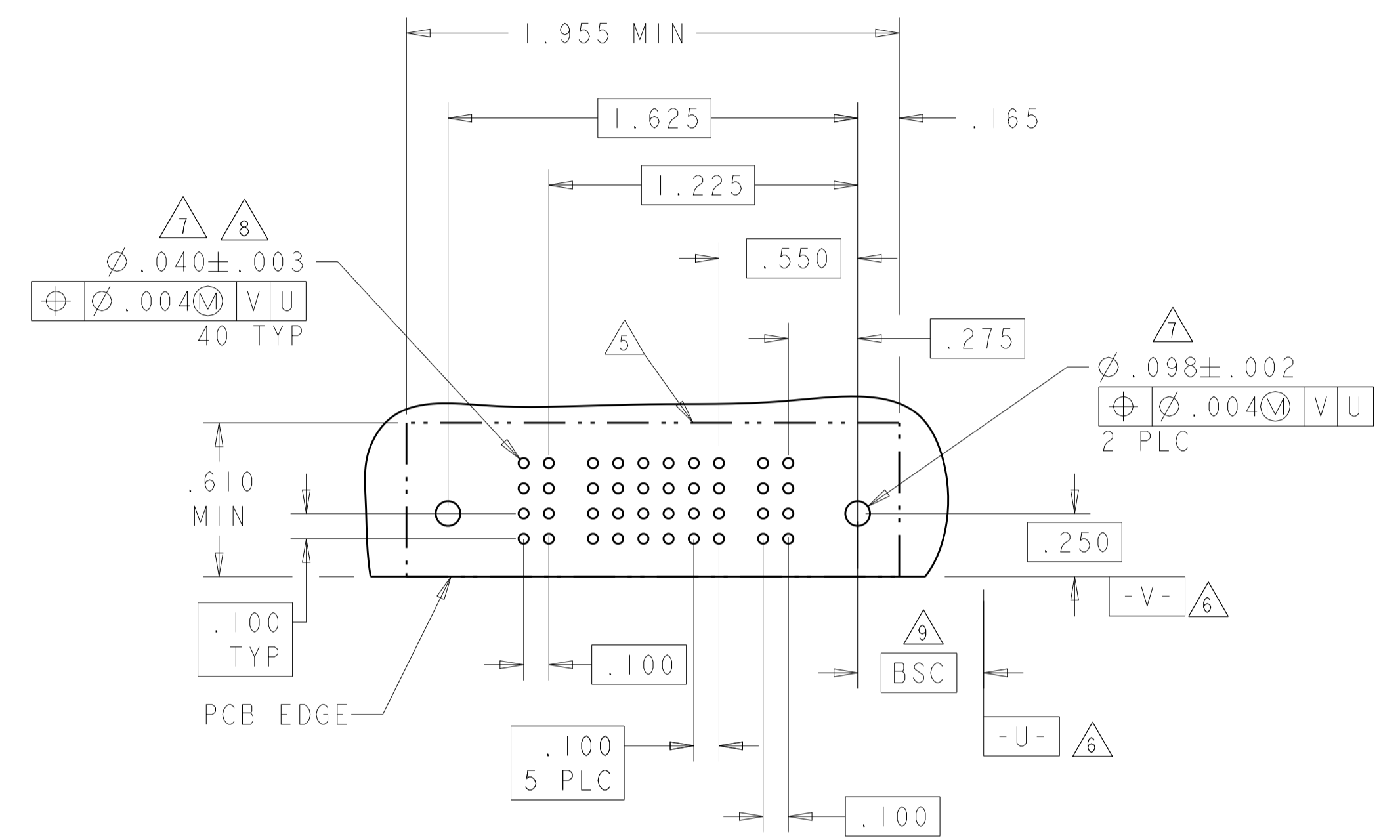
STE TE Connectivity

Customer Drawing

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

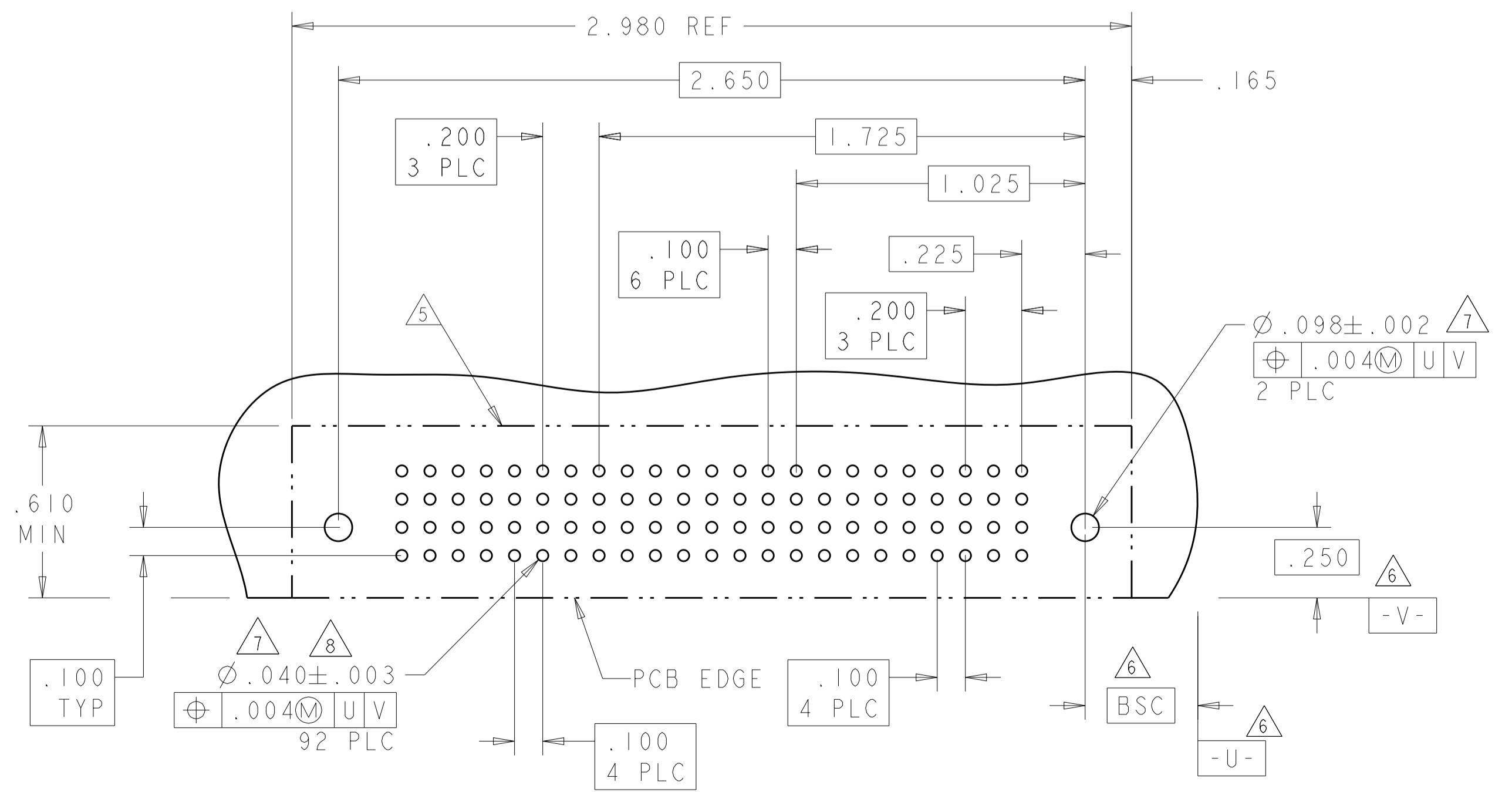
PART NUMBER	ROWS	POWER						SIGNAL						POWER				
		P2	6	5	4	3	2	1	P1	6	5	4	3	2	1	P3	P2	P1
1-6450170-0	D C B A	RM	H	H	H	H	H	H	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA
		RM	G	G	G	G	G	G	RA	RA	RA	RA	RA	RA	RA	RA	RA	
		RM	F	F	F	F	F	F	RA	RA	RA	RA	RA	RA	RA	RA	RA	
		RM	E	E	E	E	E	E	RA	RA	RA	RA	RA	RA	RA	RA	RA	

IP + 24S + IP



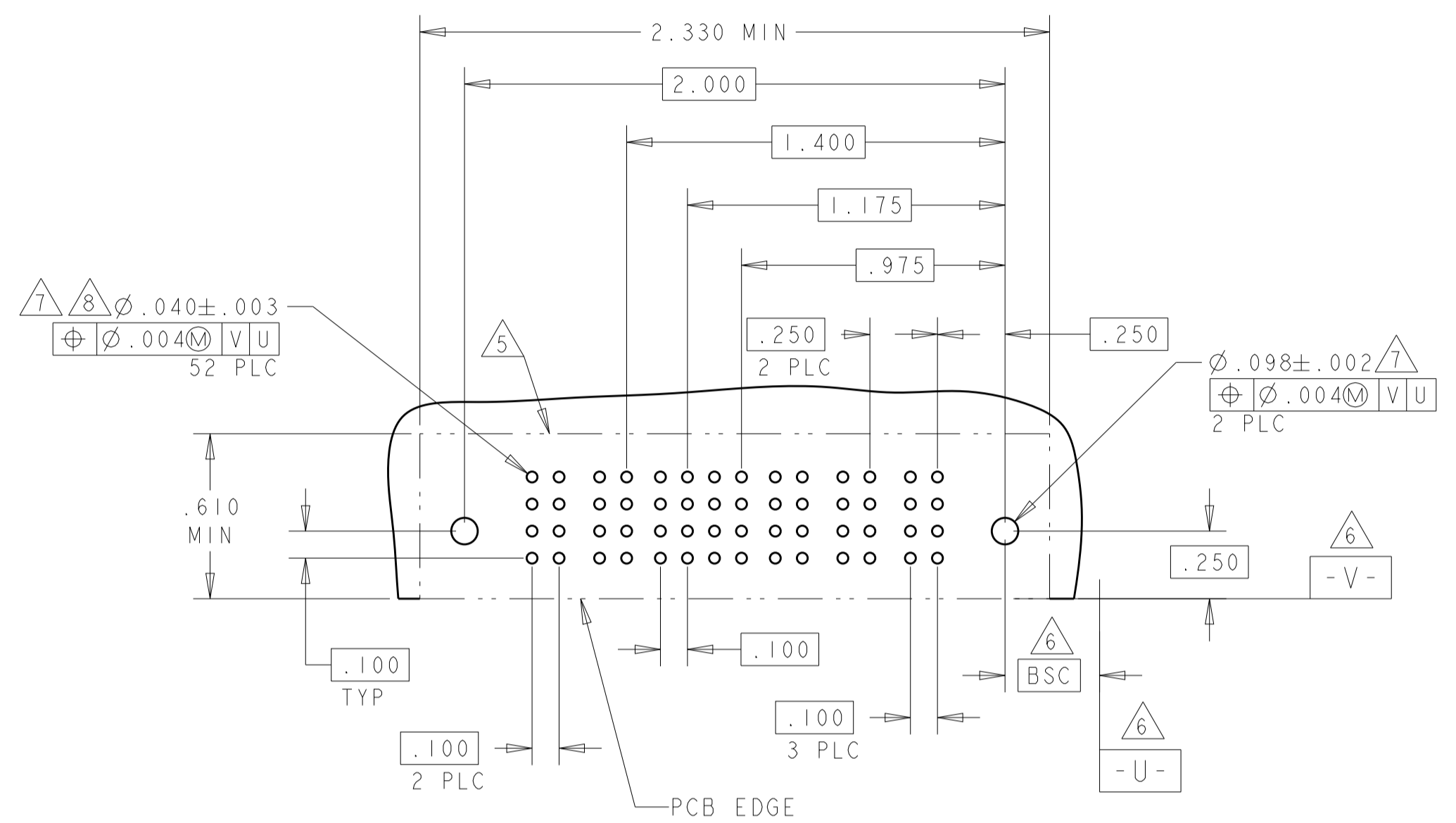
PART NUMBER	ROWS	POWER								SIGNAL								POWER		
		P8	P7	P6	P5	7	6	5	4	3	2	1	P4	P3	P2	P1	P3	P2	P1	
1-6450170-1	D C B A	RM	RM	RM	RM	H	H	H	H	H	H	H	RA	RA	RA	RA	RA	RA	RA	RA
		RM	RM	RM	RM	G	G	G	G	G	G	G	RA	RA	RA	RA	RA	RA	RA	RA
		RM	RM	RM	RM	F	F	F	F	F	F	F	RA	RA	RA	RA	RA	RA	RA	RA
		RM	RM	RM	RM	E	E	E	E	E	E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

4P + 28S + 4P



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

3P + 16S + 2P

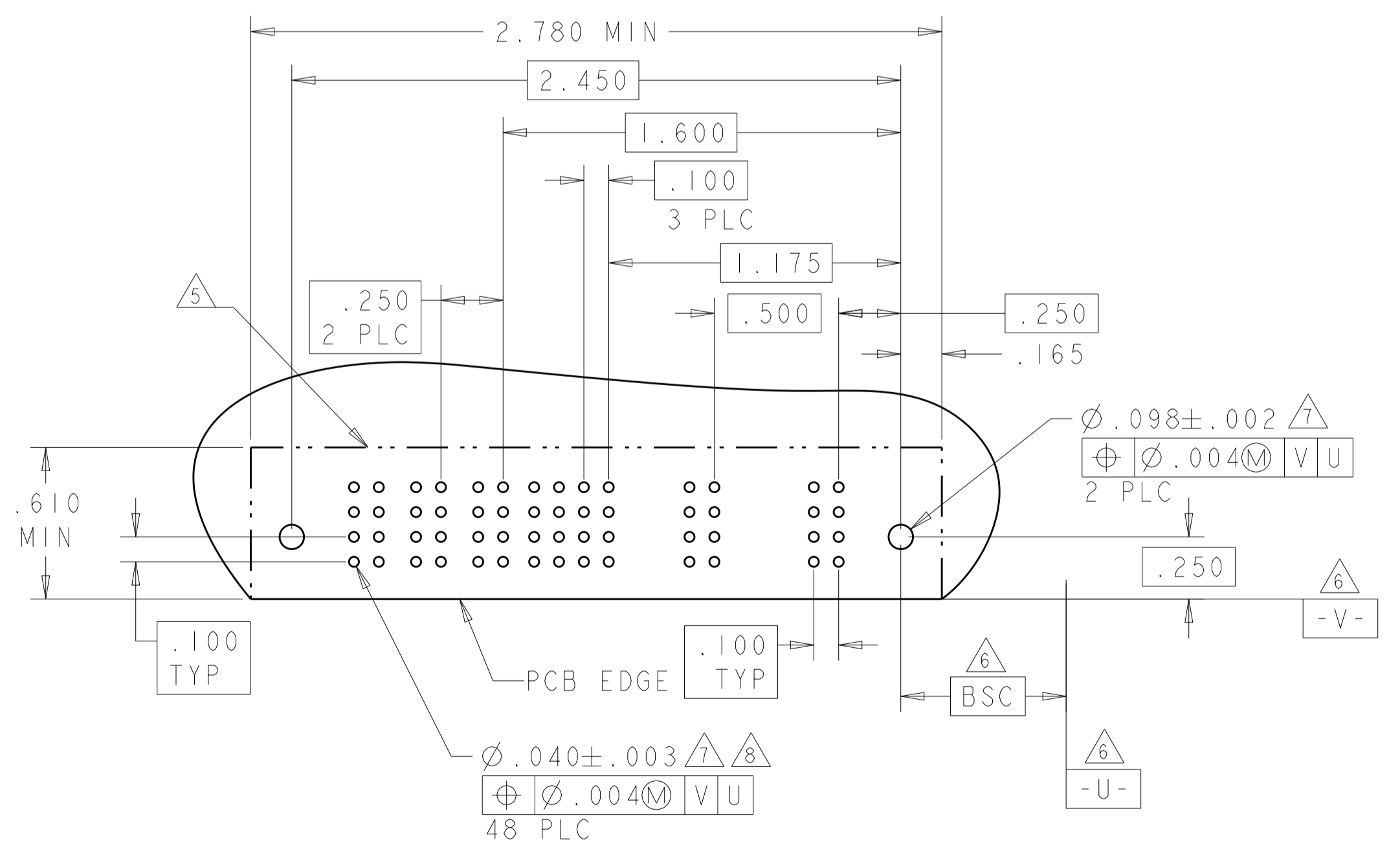


PART NUMBER	ROWS	POWER						SIGNAL						POWER		
		P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	P3	P2	P1
2-6450170-7	D C B A	RM	RM	RA	H	H	H	H	RM	RM	RM	RM	RM	RM	RM	
		RM	RM	RA	G	G	G	G	RM	RM	RM	RM	RM	RM	RM	
		RM	RM	RA	F	F	F	F	RM	RM	RM	RM	RM	RM	RM	
		RM	RM	RA	E	E	E	E	RM	RM	RM	RM	RM	RM	RM	

3P + 24S + 3P

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

3P + 24S + 3P



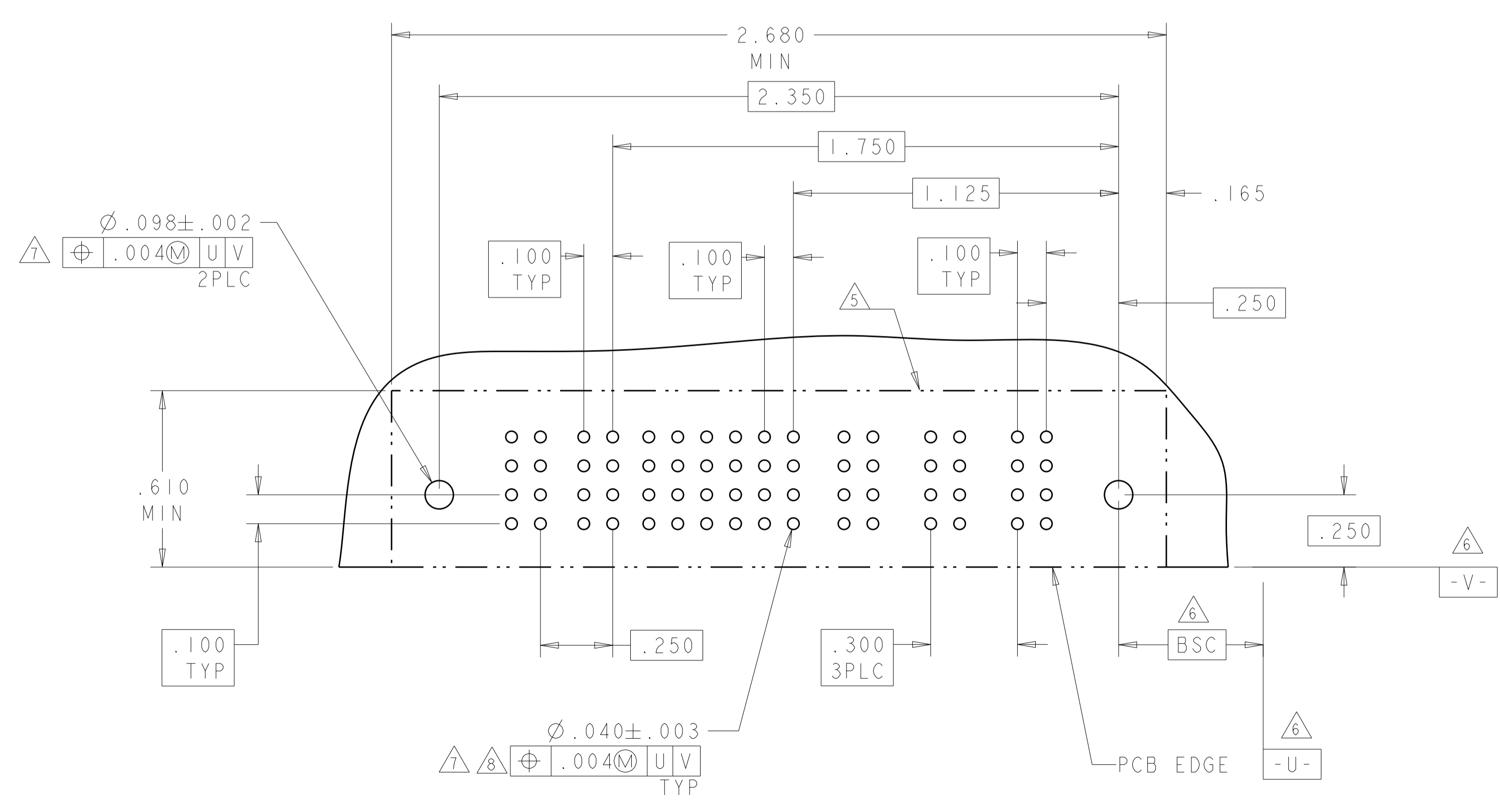
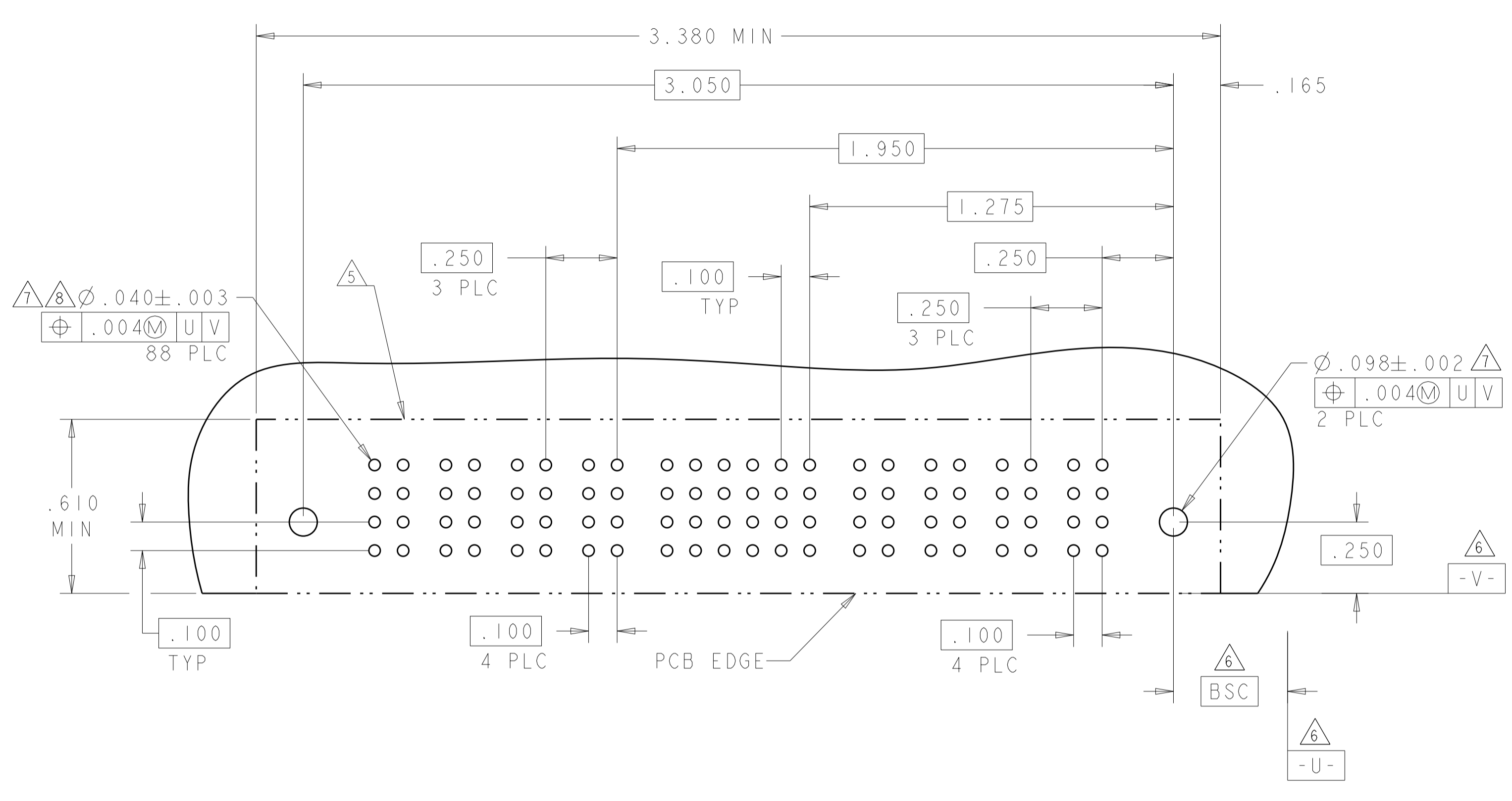
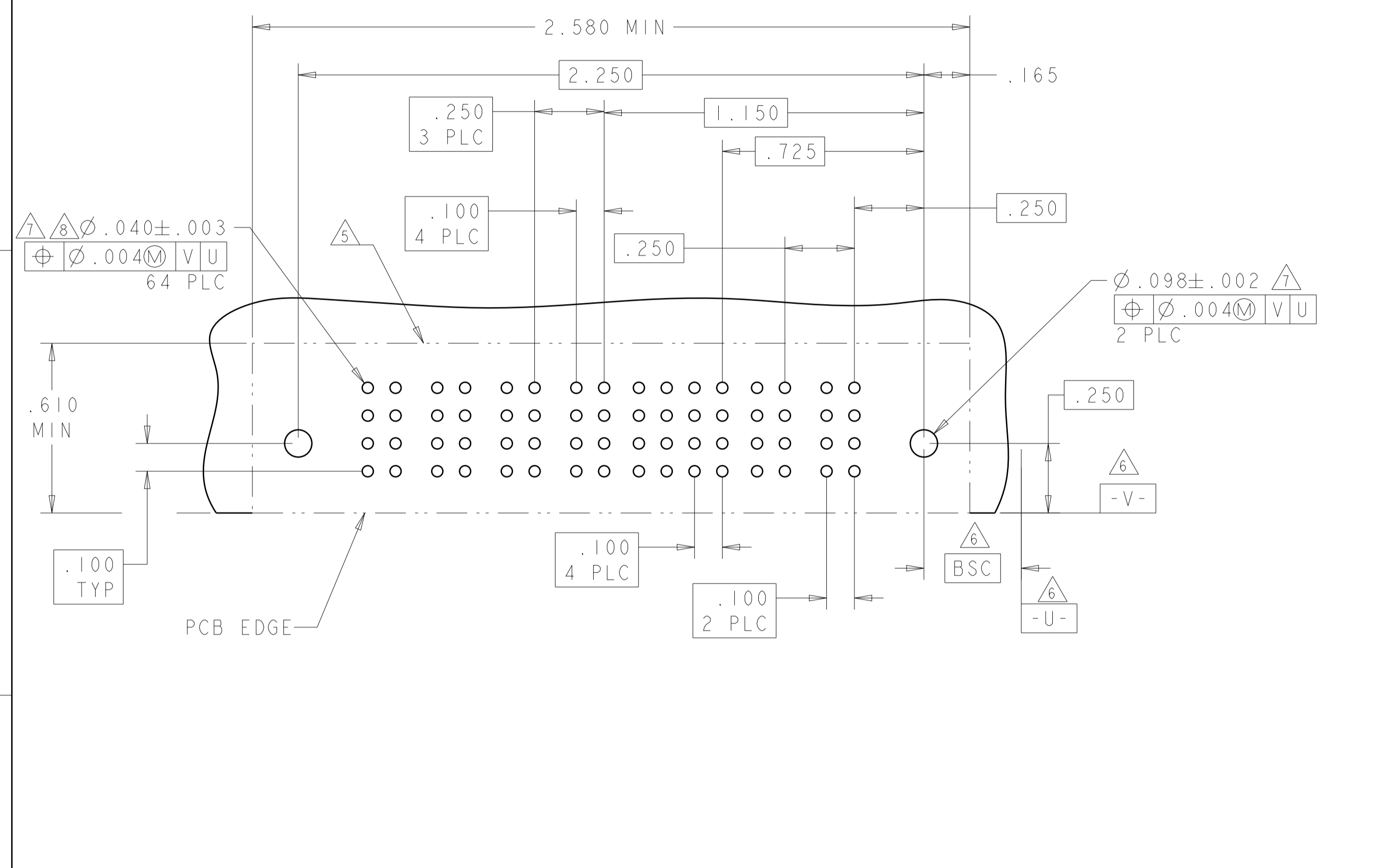
2-6450170-7 & 2-6450170-9 PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 21FE805	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020		PRODUCT SPEC: 108-1973	SIZE: 114-13038
MATERIAL: FINISH:		APPLICATION SPEC: 114-13038	RESTRICTED TO: A100779
		WEIGHT: 114-13038	CAGE CODE: 6450170
		CUSTOMER DRAWING	SCALE: 4:1 SHEET 5 OF 13 REV J5

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
1-6450170-9	D C B A	RA	RA	RM	RM	H	H	H	H	RM	RA
						G	G	G	G		
						F	F	F	F		
						E	E	E	E		
2P + 16S + 4P		HD								HD	

PART NUMBER	ROWS	POWER				SIGNAL				POWER					
		P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1
1-6450170-4	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				
						E	E	E	E	E	E				
4P + 24S + 4P		HD										HD			



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			
				E	E	E	E	E	E			
3ACP + 24S + 2P		HD								HD		

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

TE Connectivity

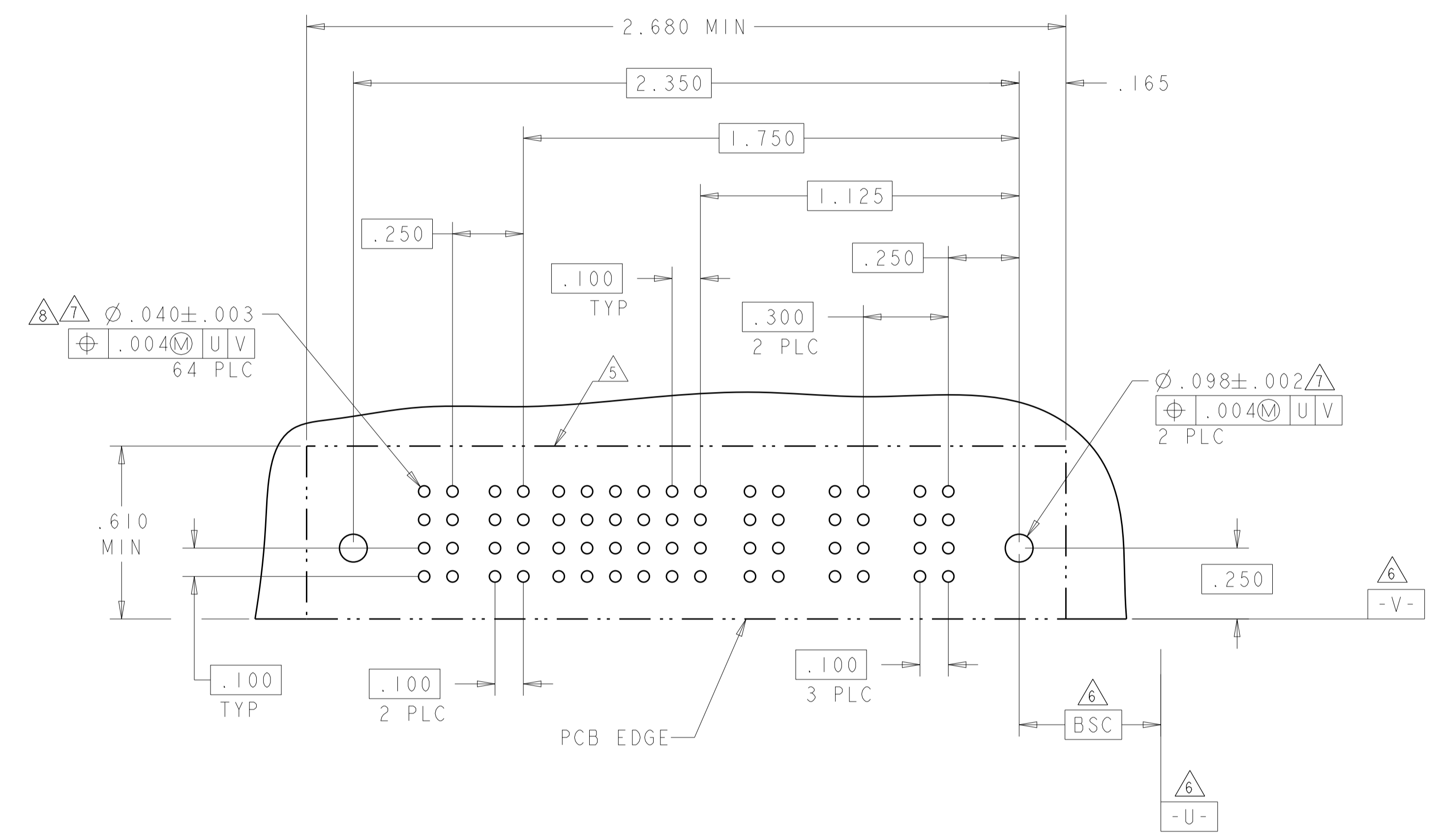
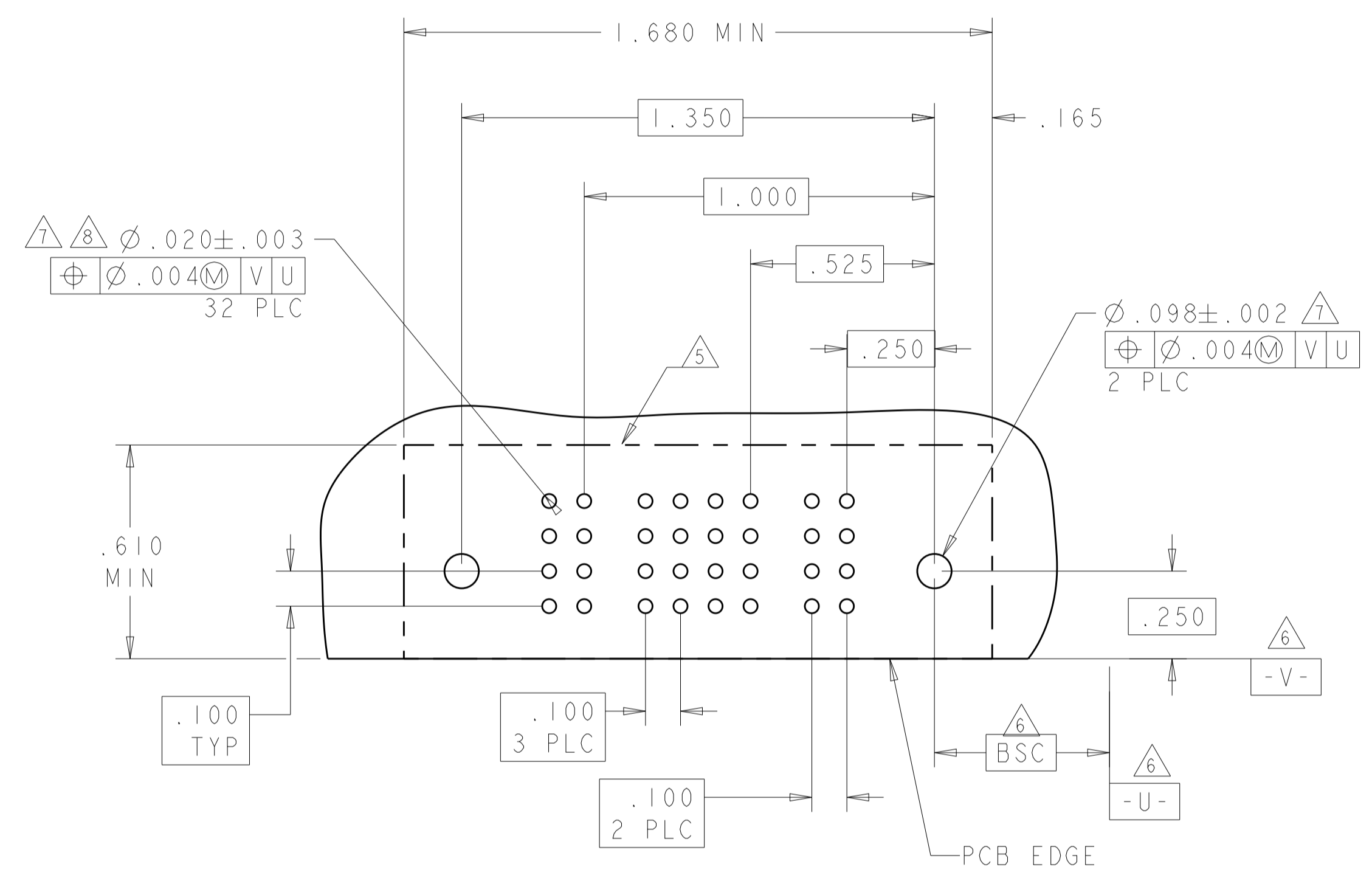
RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SCALE: 4:1 SHEET 6 OF 13 REV J5

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

PART NUMBER	ROWS	POWER		SIGNAL				POWER		
		P2	P1	4	3	2	1	P1	P2	
2-6450170-0	D C B A	RM	RM	H	H	H	H	RM	RM	RM
				G	G	G	G			
				F	F	F	F			
IP + 16S + IP				E	E	E	E			

PART NUMBER	ROWS	POWER		SIGNAL						AC POWER				
		P5	P4	6	5	4	3	2	1	P3	P2	P1		
3-6450170-0	D C B A	RM	RM	H	H	H	H	H	H	RM	RM	RM	RM	RM
				G	G	G	G	G	G					
				F	F	F	F	F	F					
3ACP + 24S + 2P				E	E	E	E	E	E					

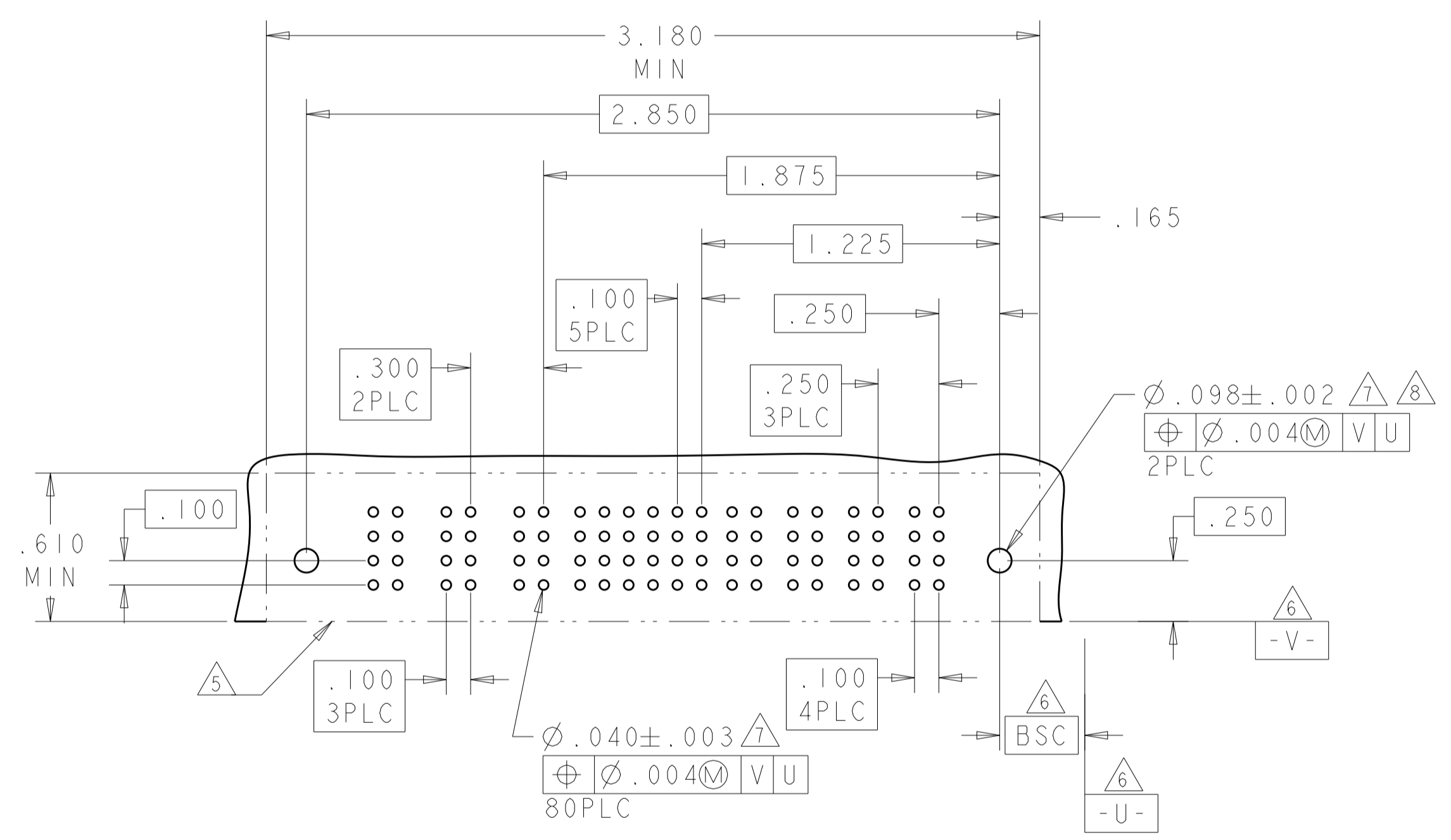
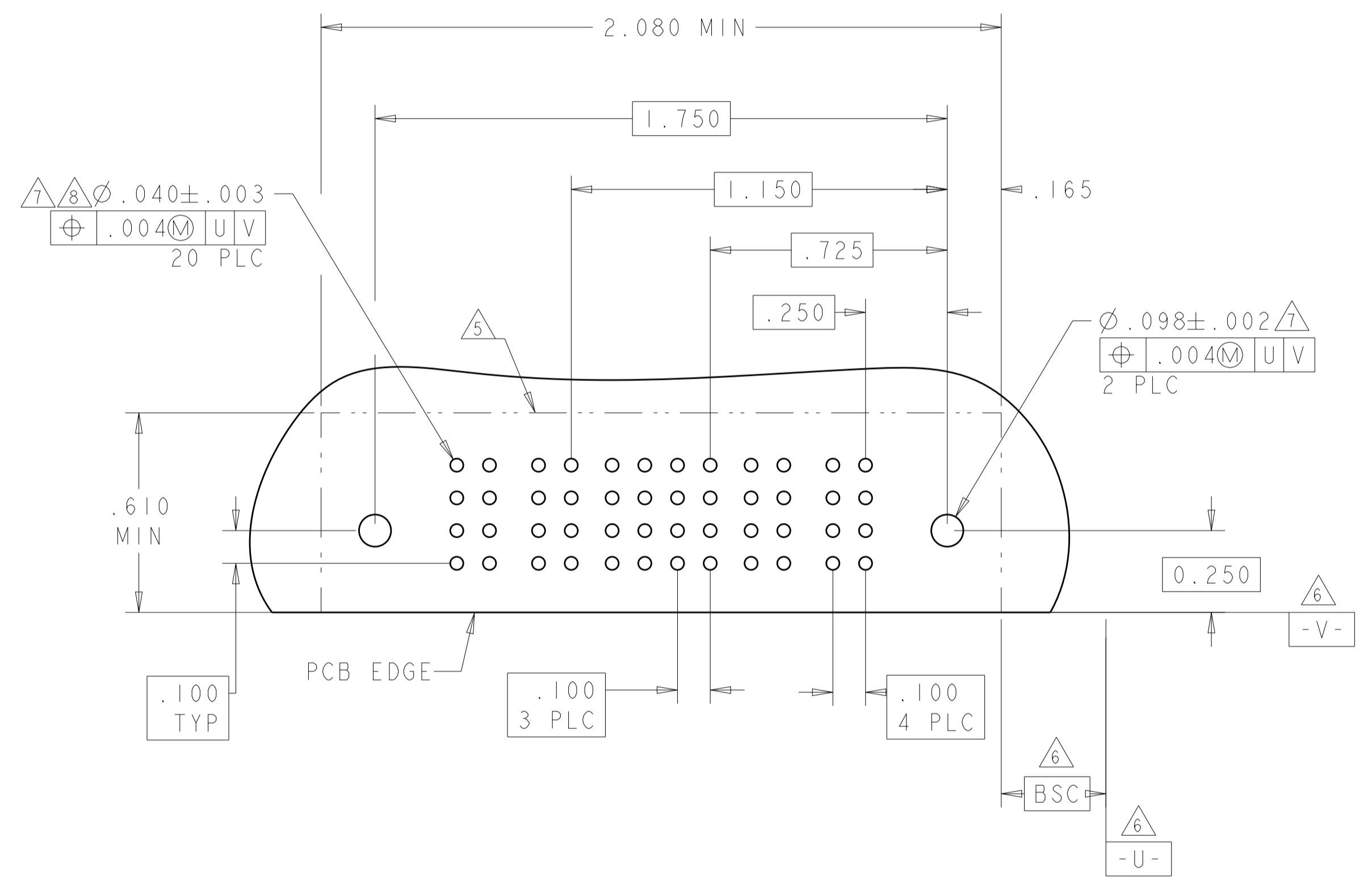


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI / Z1FEB05	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE / Z1FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		PRODUCT SPEC: 108-1973	SIZE: A1
MATERIAL: -		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450170
FINISH: -		WEIGHT: -	RESTRICTED TO: -
		CUSTOMER DRAWING	SCALE: 4:1 SHEET 7 OF 13 REV: J5

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

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

PART NUMBER	ROWS	POWER			SIGNAL						POWER				HD
		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	HD
	C				G	G	G	G	G						
	B				F	F	F	F	F						
	A				E	E	E	E	E						
4P + 24S + 3ACP															



THIS DRAWING IS A CONTROLLED DOCUMENT.

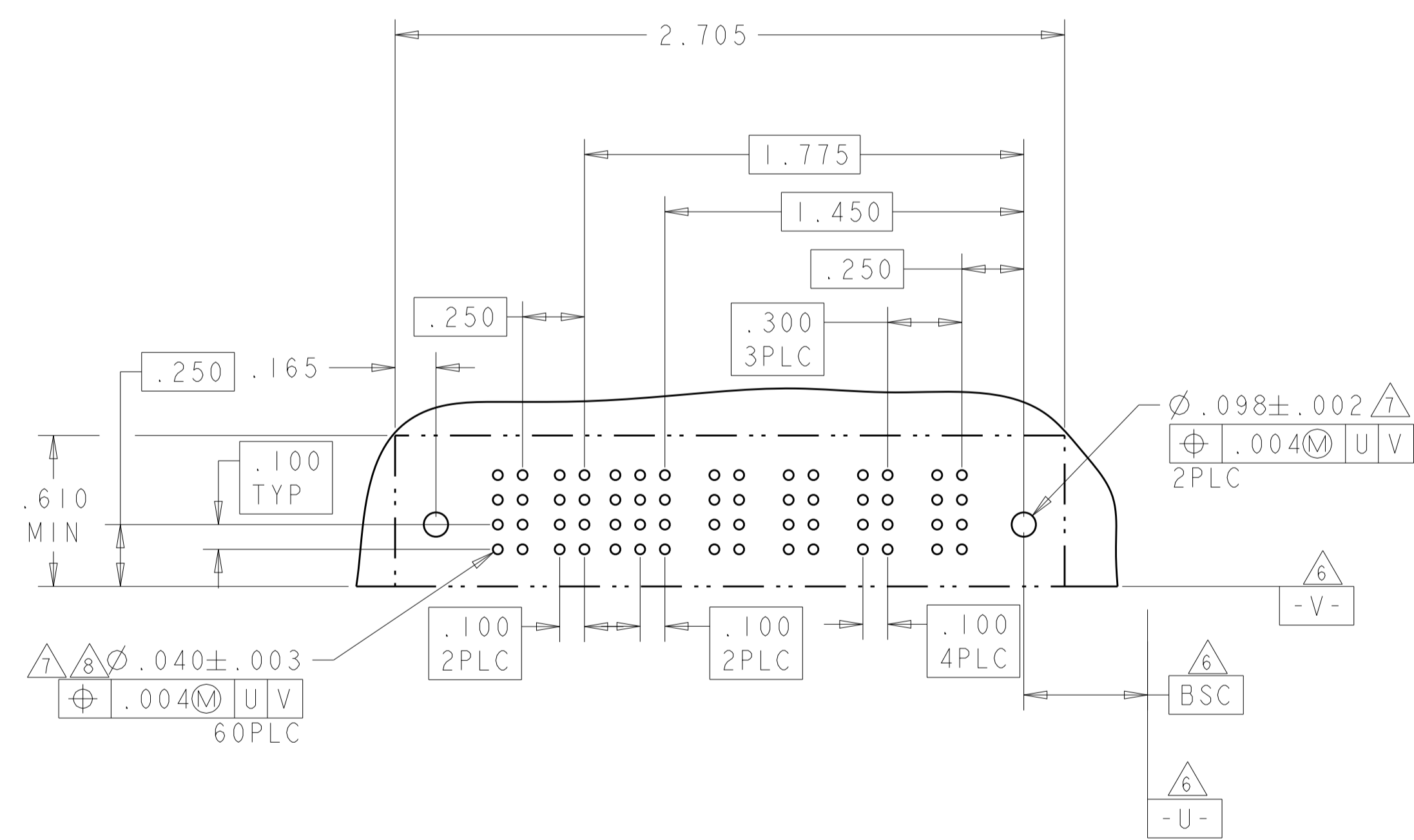
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°	FINISH	FINISH
-----------------------	---	--------	--------

OWN: R. GRZYBOWSKI / Z1FEB05	CHK: M. PERCHERKE / Z1FEB05	APVD: M. PERCHERKE	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
PRODUCT SPEC: 108-1973		APPLICATION SPEC: 114-13038	
MATERIAL: -		WEIGHT: -	
CUSTOMER DRAWING		SCALE: 4:1 SHEET 8 OF 13 REV J5	

STE TE Connectivity

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 21FEB05 CHK: M. PERCHERKE 21FEB05	TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°	APVD: M. PERCHERKE NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038	
MATERIAL: -	FINISH: -	WEIGHT: -	SIZE: A100779 CAGE CODE: C=6450170 CUSTOMER DRAWING SCALE: 4:1 SHEET 9 OF 13 REV J5

LOC	DIST	REV	DATE	BY	APPD
ES	00				

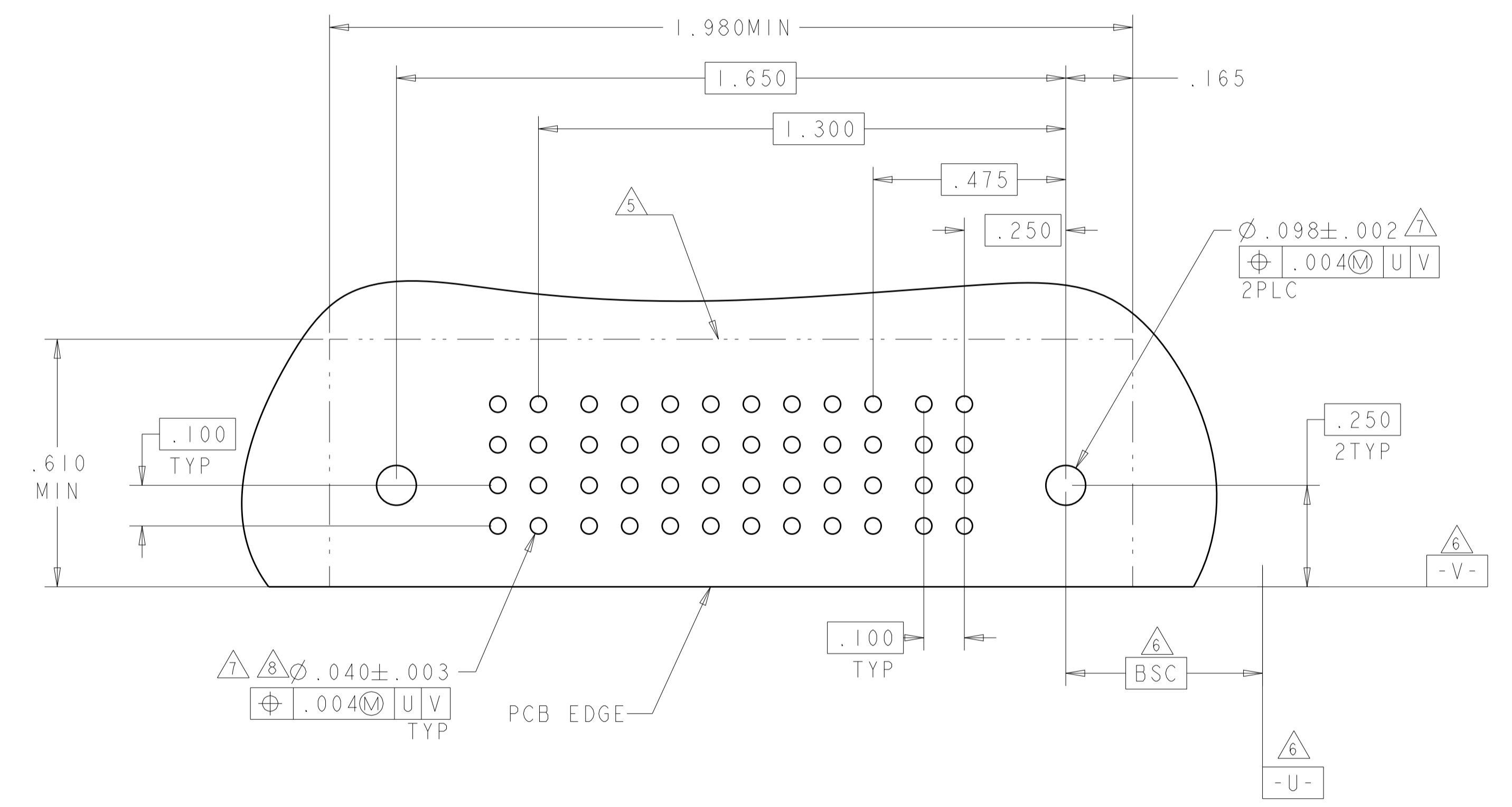
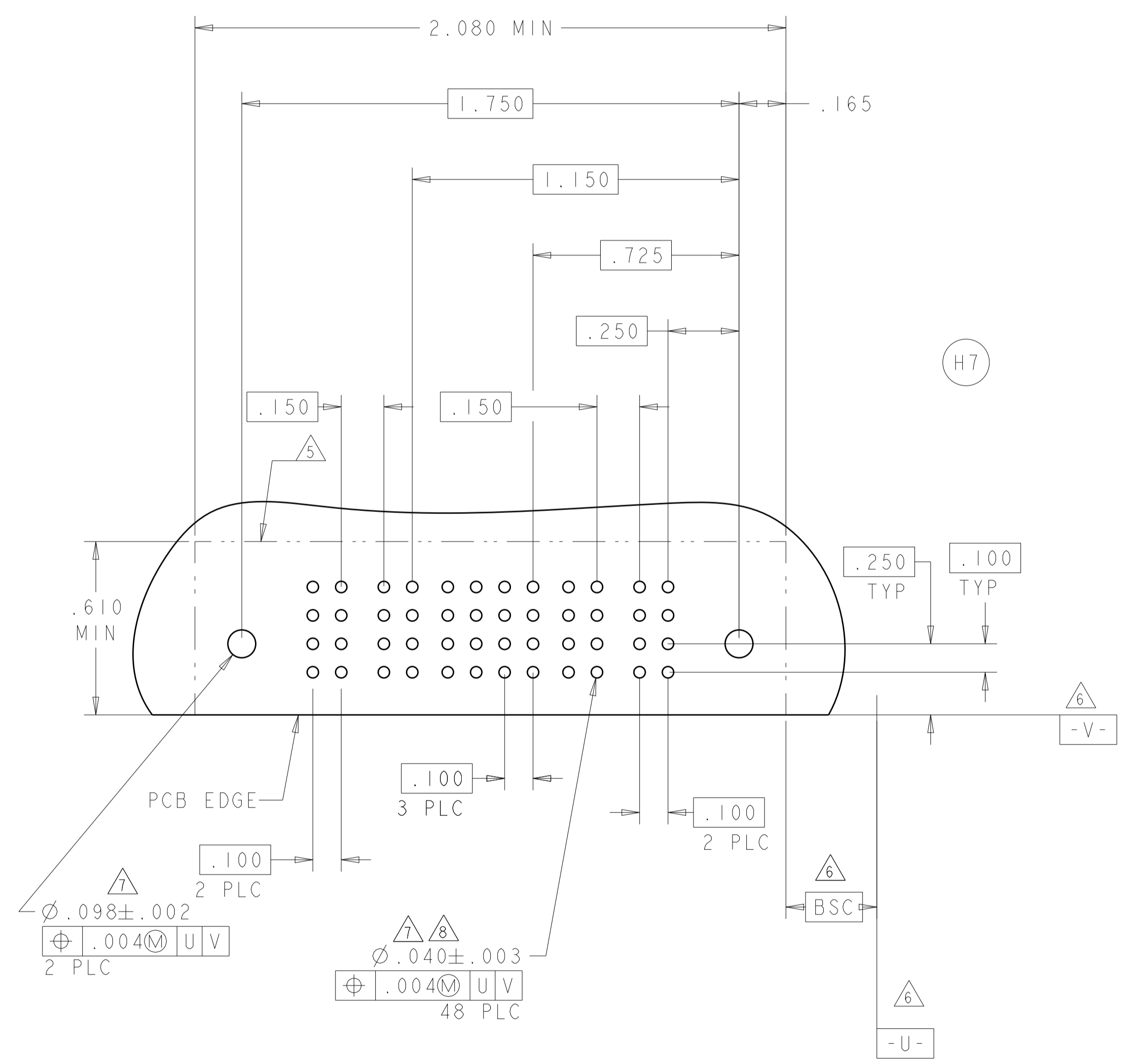
REVISIONS		DATE	BY	APPD
-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER		SIGNAL				POWER		H7
		P4	P3	4	3	2	1	P2	P1	
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	P1	8	7	6	5	4	3	2	1	P2	P1		
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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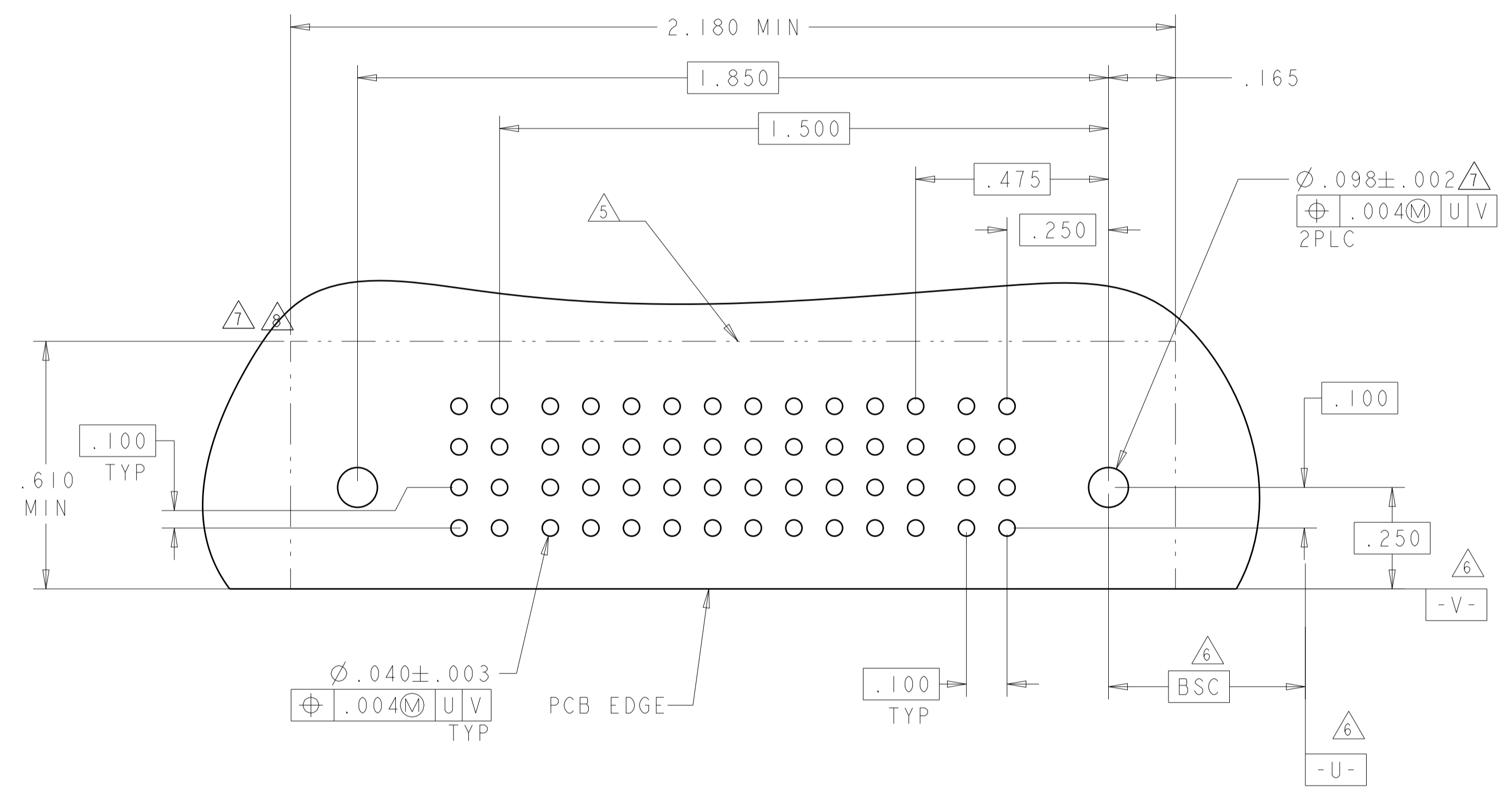
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	NAME
INCHES	0 PLC ± .01 1 PLC ± .01 2 PLC ± .01 3 PLC ± .005 4 PLC ± .002 ANGLES ± .020	M. PERCHERKE	RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
MATERIAL	FINISH	PRODUCT SPEC	SIZE
-	-	108-1973	A100779
		APPLICATION SPEC	SCALE
		114-13038	4:1
		WEIGHT	SHEET
		-	11
		CUSTOMER DRAWING	OF
			13
			REV
			J5

STE TE Connectivity

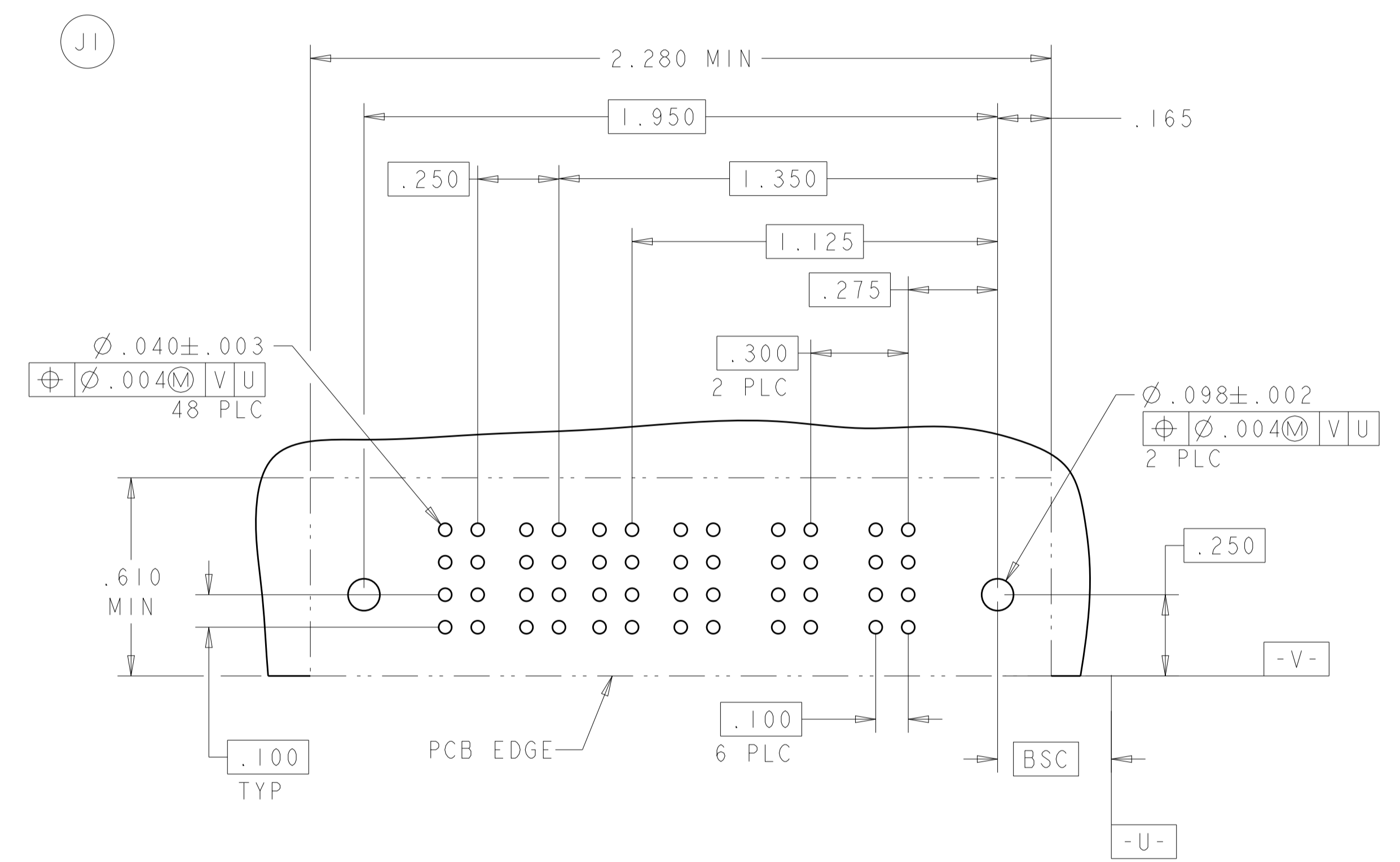
LOC	DIST	REV	DATE	BY	APPV
ES	00				
REVISIONS					
DESCRIPTION					
SEE SHEET 1					

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



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
0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020		PRODUCT SPEC: 108-1973	SIZE: A1
MATERIAL: FINISH:		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450170
		WEIGHT:	RESTRICTED TO: -
		CUSTOMER DRAWING	SCALE: 4:1 SHEET 12 OF 13 REV J5

LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS		DATE	BY	APPV
1	SEE SHEET 1			

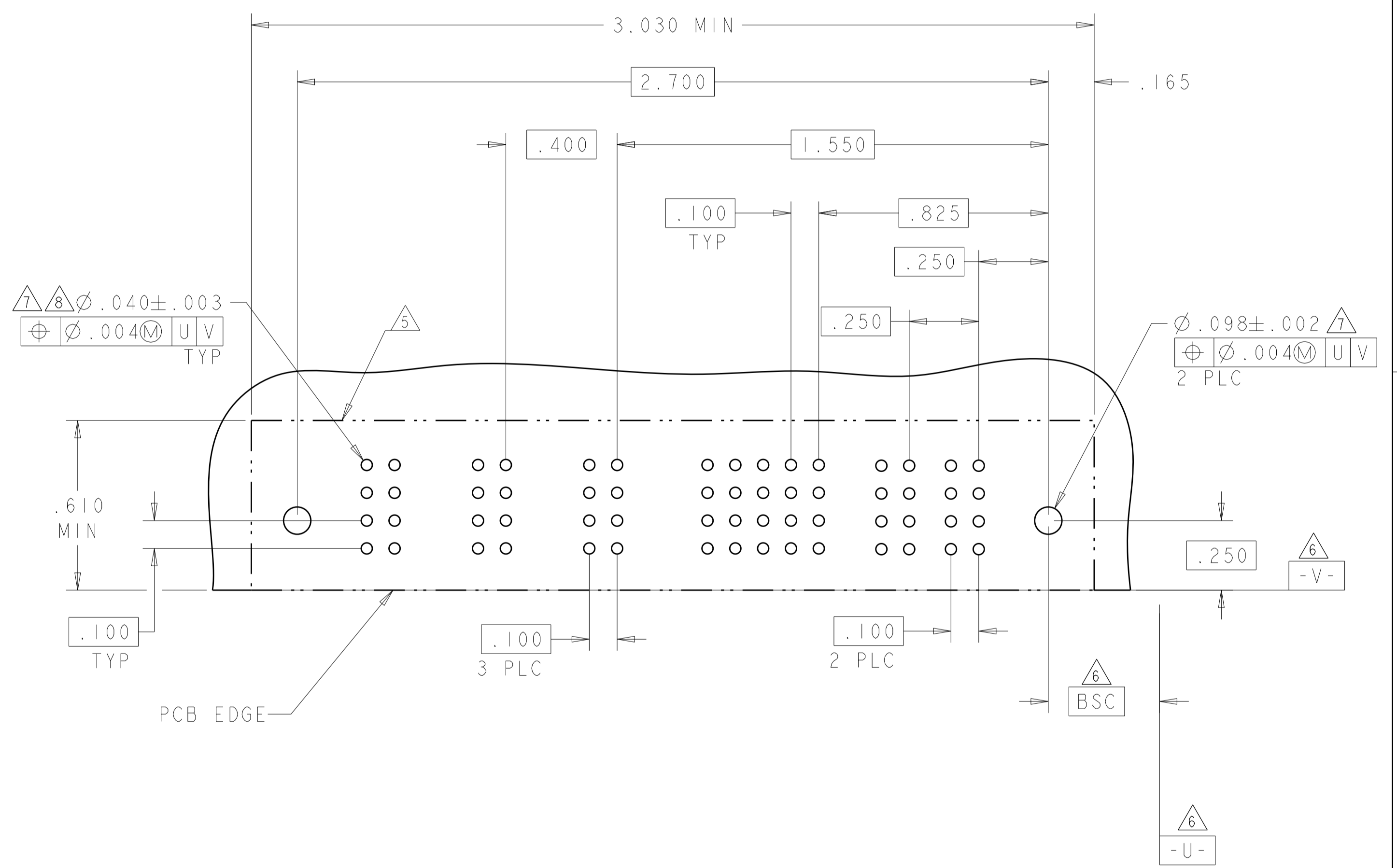
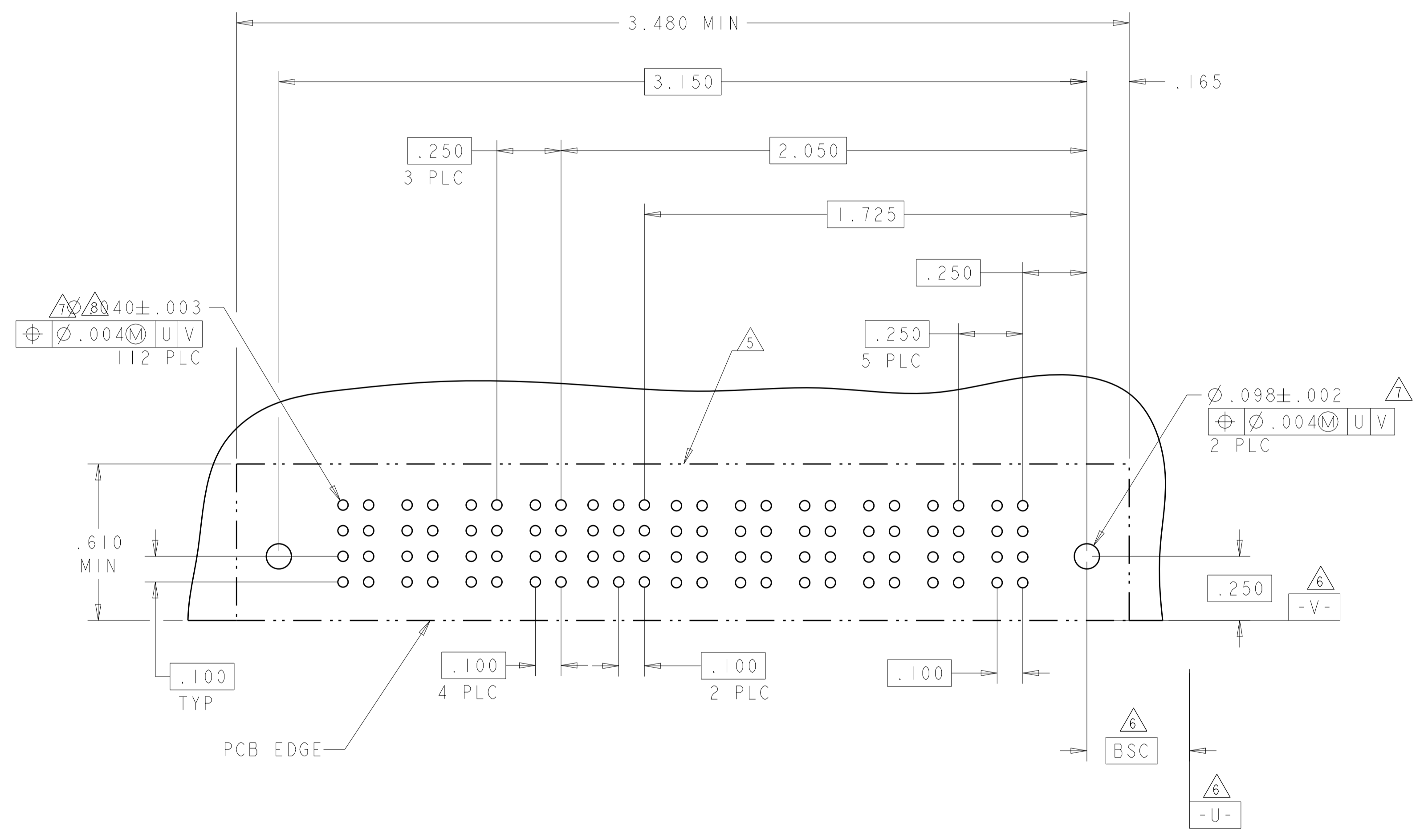
PART NUMBER	ROWS	POWER				SIGNAL			POWER					
		P10	P9	P8	P7	3	2	1	P6	P5	P4	P3	P2	P1
4-6450170-0	D					H	H	H						
	C	RM	RM	RM	RM	G	G	G	RM	RM	RM	RM	RA	RA
	B					F	F	F						
	A	HD				E	E	E						HD

6P + 12S + 4P

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

2P + 24S + 6P

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R. GRZYBOWSKI CHK M. PERCHERKE APV M. PERCHERKE	21FEB05 21FEB05	 TE Connectivity	NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-1973	APPLICATION SPEC 114-13038		SIZE A100779
MATERIAL	FINISH	WEIGHT	CUSTOMER DRAWING	SCALE 4:1	SHEET 13 OF 13

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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