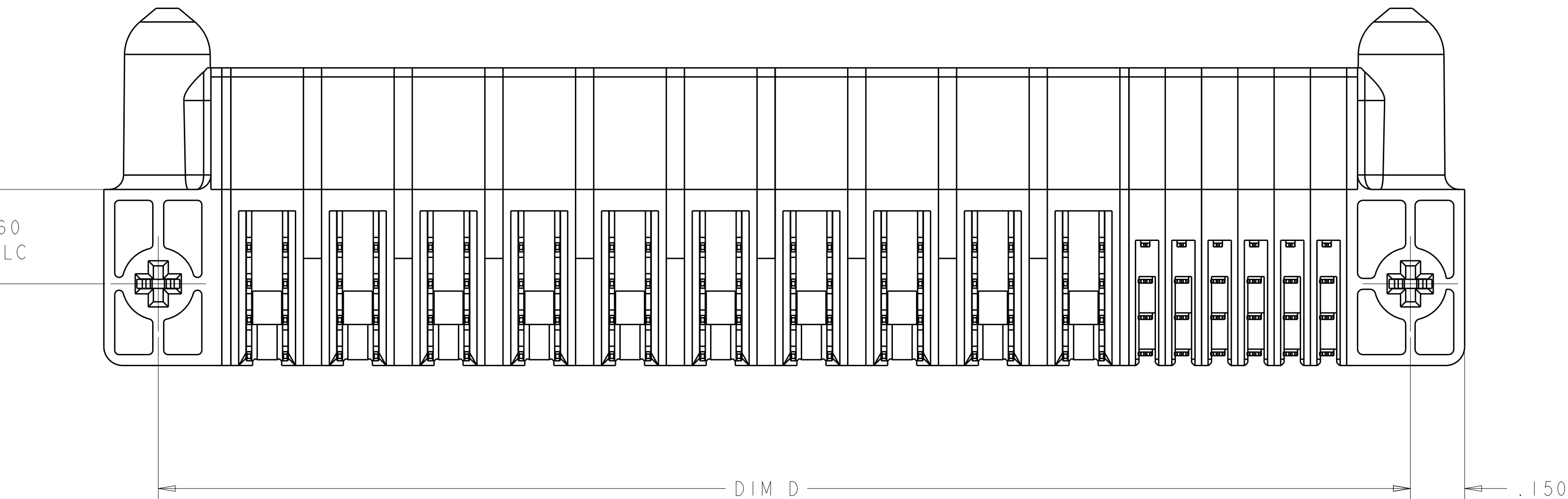
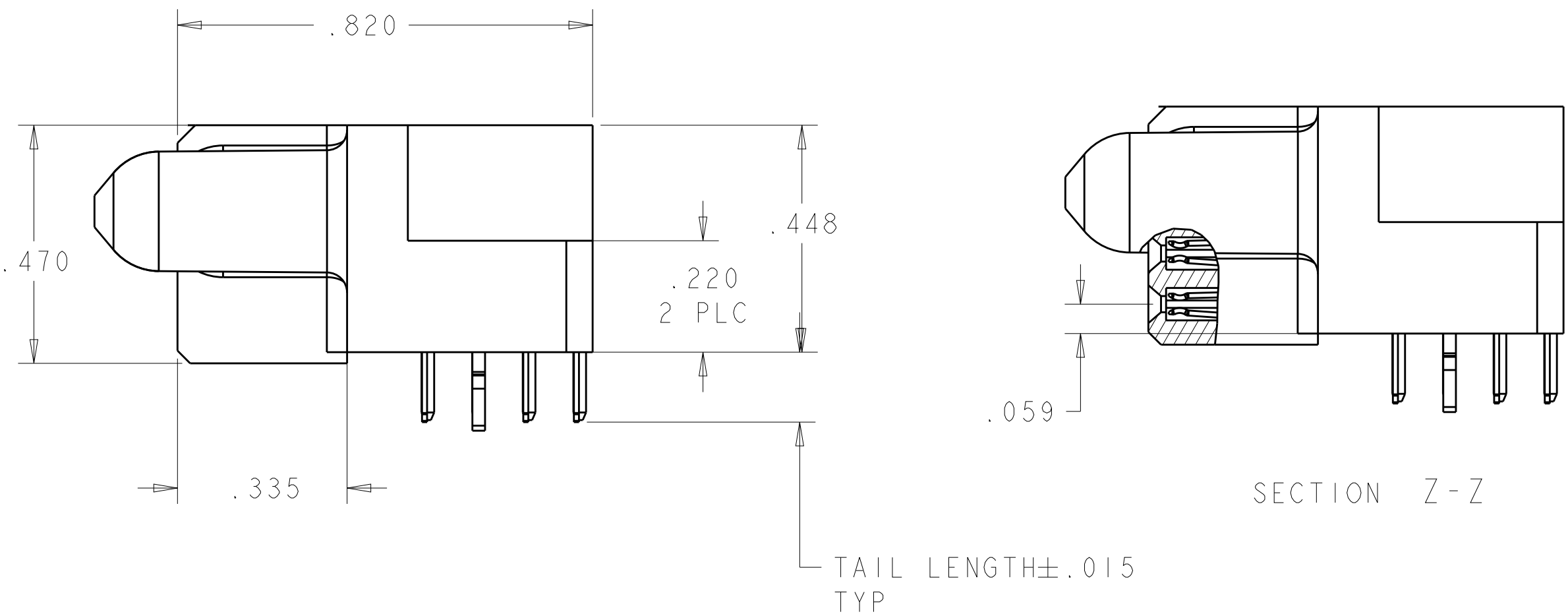
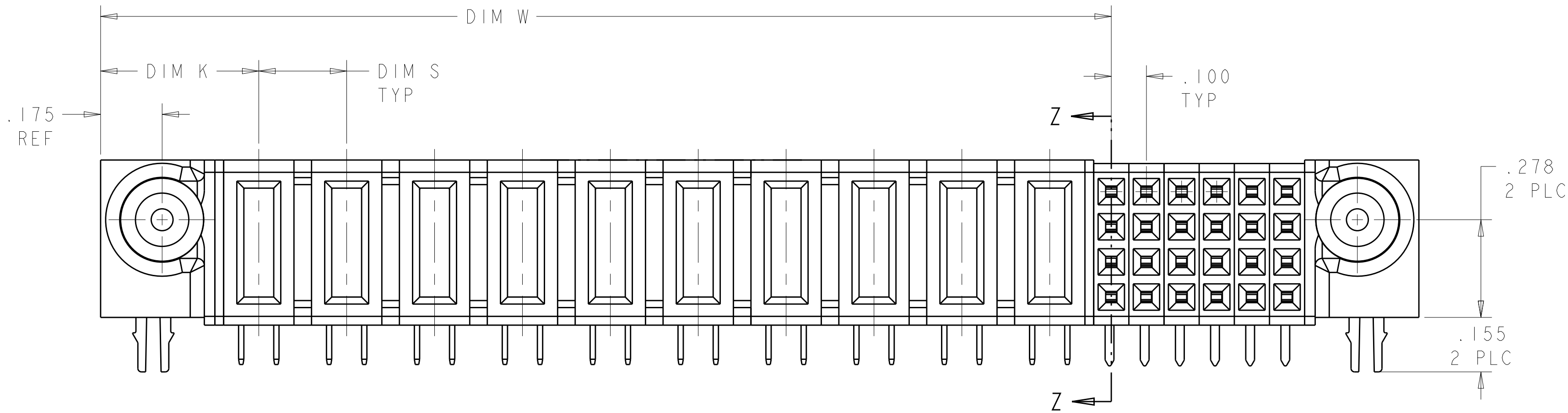
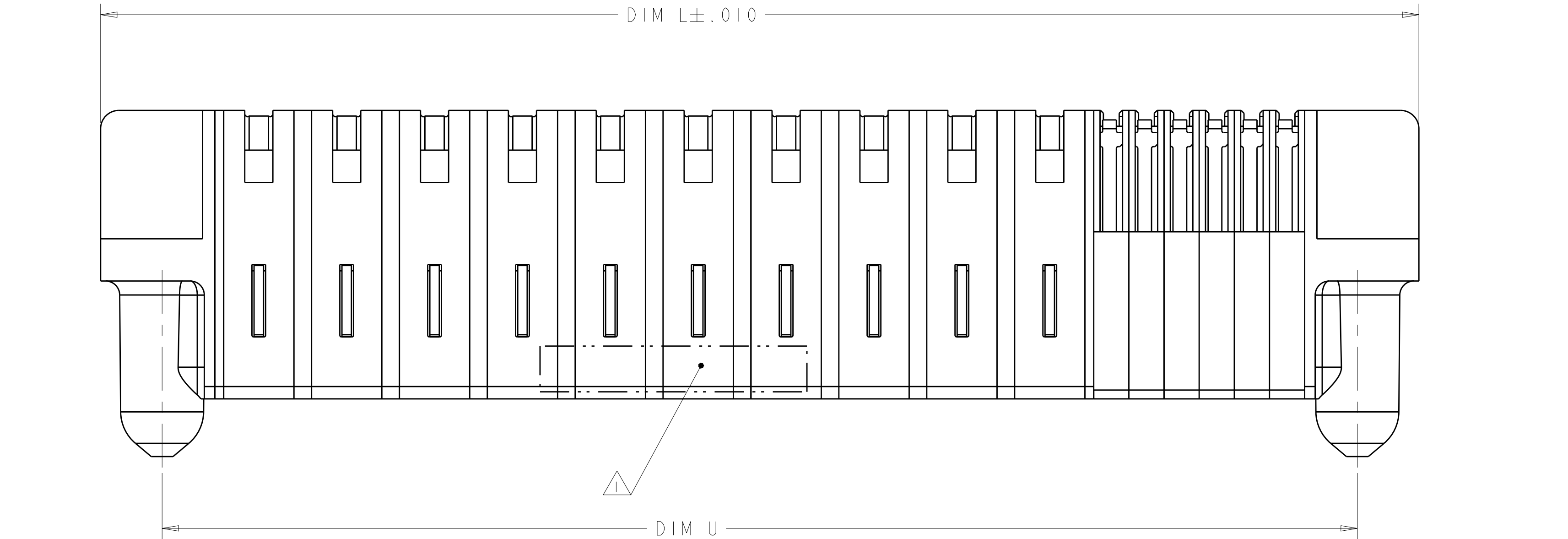


LOC	DIST	REVISIONS						
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
			D5	REV PER ECR-12-018919	31OCT2012	ML	SZ	
			D6	UPDATED	12NOV2012	ML	SZ	
			D7	REV PER ECR-13-006264	15APR2013	CZ	SZ	

- 1 "AMP", 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 - HIGH CONDUCTIVITY 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 PLATES WITH .0003 MIN Sn OVER .001 TO .003 PLATING TO ACHIEVE A .040 DIA. HOLE.
- 8 RECEPTACLE ASSY HAS ONE MOUNTING HOLE AND ONE HOLD DOWN.
- 9 NOT RELEASED FOR PRODUCTION.



2.400	.250	1.875	2.450	-	2.750	.450	24S + 6P	I-6450161-7
1.600	.250	1.375	1.650	-	1.950	.450	12S + 4P	I-6450161-6
1.600	.250	1.375	1.650	-	1.950	.450	12S + 4P	I-6450161-5
1.700	.250	1.375	1.750	-	2.050	.450	16S + 4P	I-6450161-3
3.800	.250	2.875	3.850	-	4.150	.450	40S + 10P	I-6450161-1
1.800	.250	1.375	1.850	-	2.150	.450	20S + 4P	I-6450161-0
1.400	.250	1.375	1.450	-	1.750	.450	4S + 4P	6450161-7
2.900	.250	2.375	2.950	-	3.250	.450	24S + 8P	6450161-6
1.800	.250	1.375	1.850	-	2.150	.450	20S + 4P	6450161-5
4.400	.250	3.875	4.450	-	4.750	.450	24S + 14P	6450161-4
3.400	.250	2.875	3.450	-	3.750	.450	24S + 10P	6450161-3
2.400	.250	1.875	2.450	-	2.750	.450	24S + 6P	6450161-2
1.700	.250	1.375	1.750	-	2.050	.450	16S + 4P	6450161-1
DIM U	DIM S	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±.01

FINISH

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

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

WEIGHT: -

CUSTOMER DRAWING

21FE805
21FE805

NAME: -

SIZE: A1
CAGE CODE: 00779
DRAWING NO: 6450161

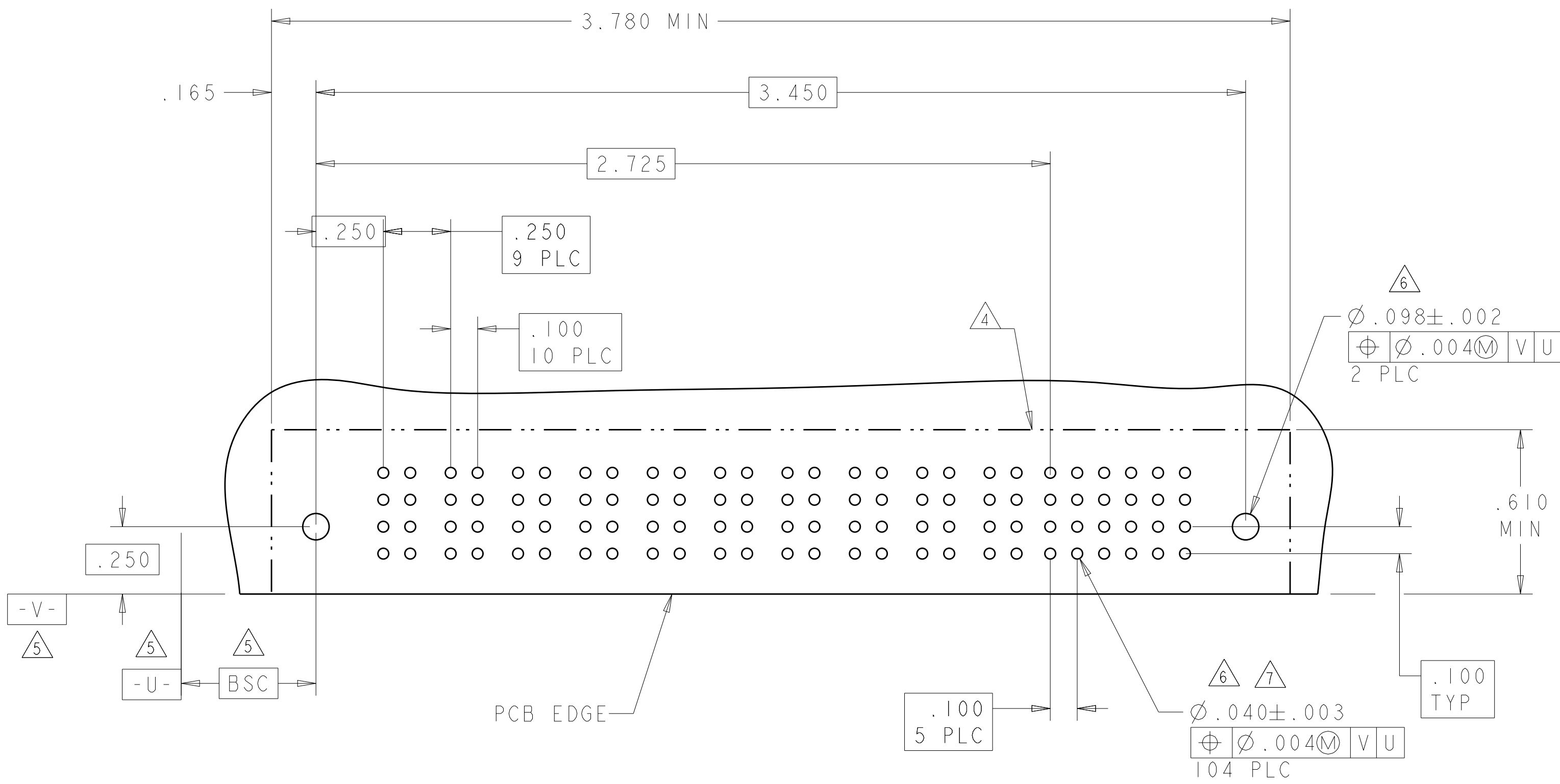
RESTRICTED TO: -

TE Connectivity

RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES, END MODULES MULTI-BEAM XL

SCALE: 4:1
SHEET: 1 OF 6
REV: D7

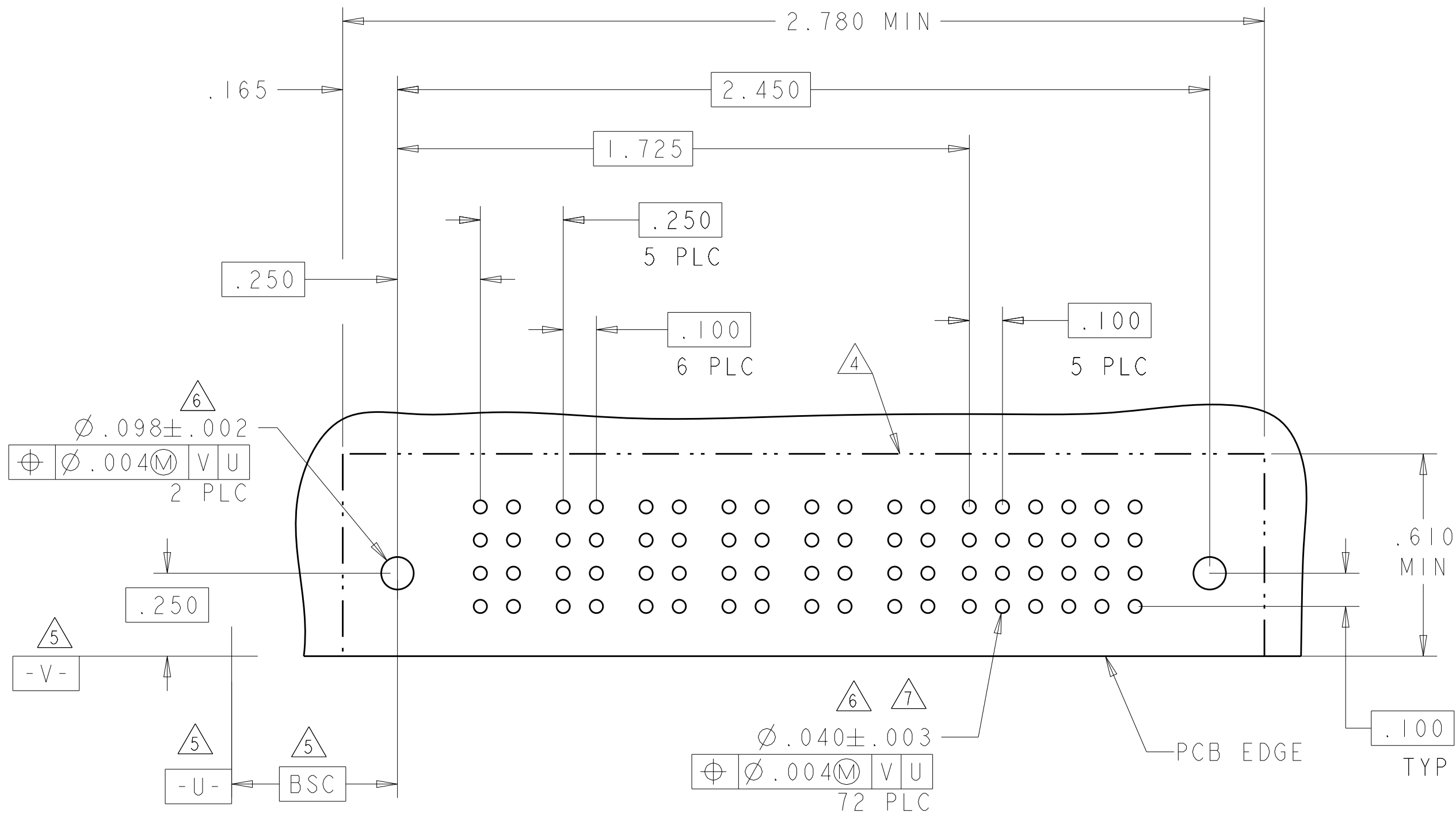
PART NUMBER	ROWS		POWER											SIGNAL																																																																																																																																				
			P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1																																																																																																																																
6450161-3	D C B A																																																																																																																																																	



L	.090	D
K	.090	C
J	.090	B
I	.090	A
H	.135	D
G	.135	C
F	.135	B
E	.135	A
CODE	TAIL LENGTH	ROW
SIGNAL CONTACT		

4805 (3/11)

PART NUMBER	ROWS		POWER				SIGNAL		
			P4	P3	P2	P1	I		
6450161-7	D C B A								
									H
									G
									F
									E
HD									
4S + 4P									

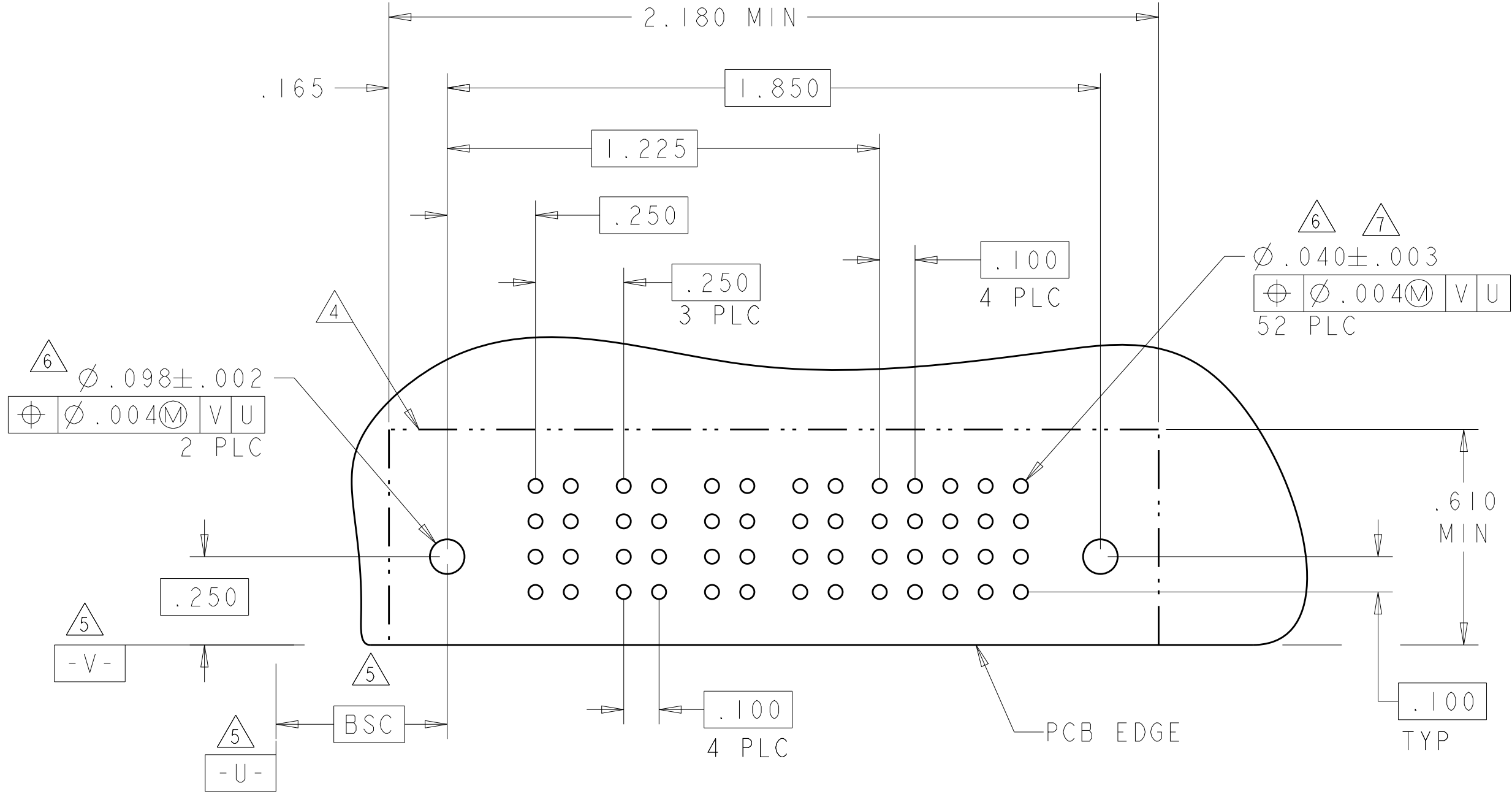
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PCB LAYOUT FOR PART NUMBER: 6450161-2,1-6450161-7

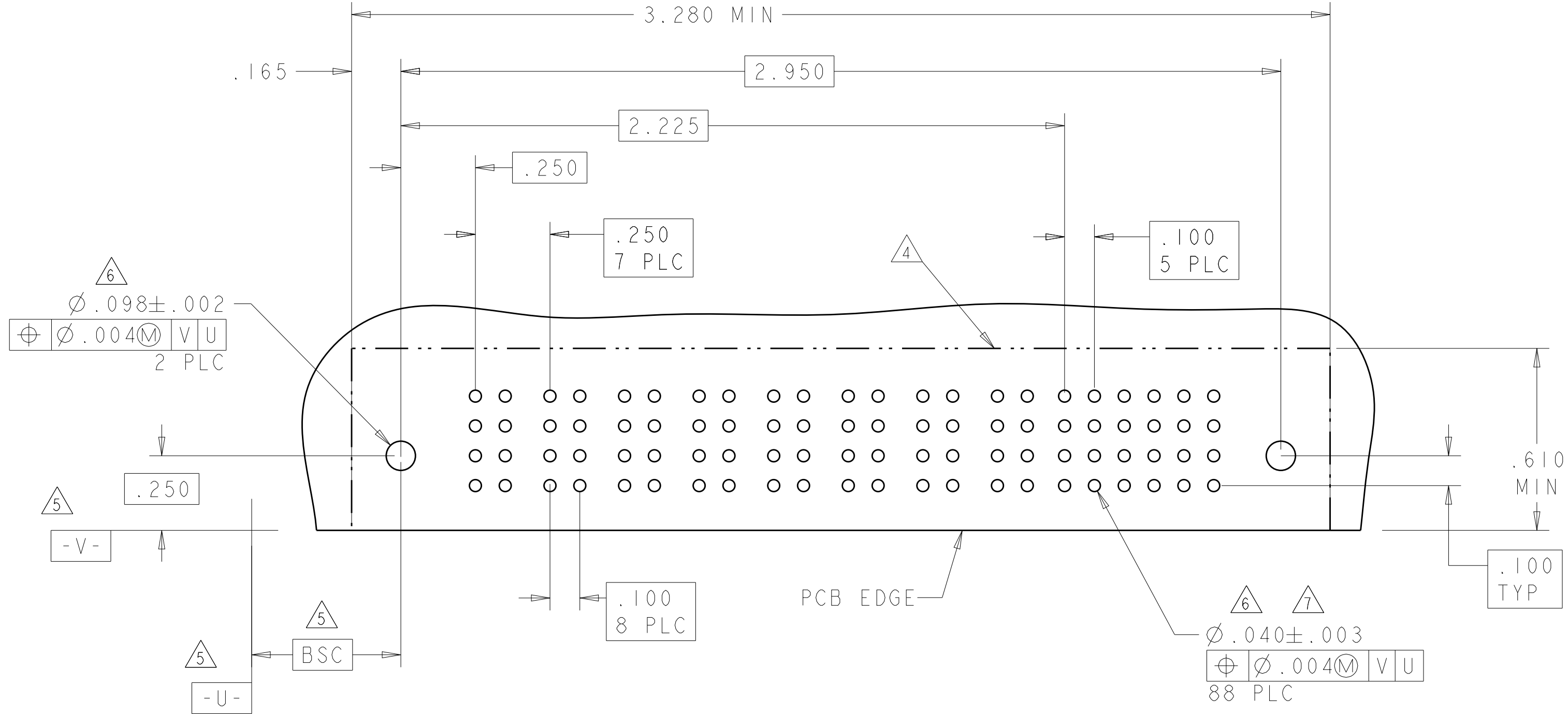
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN					TE Connectivity			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	NAME							
		0 PLC	±	PRODUCT SPEC								
		1 PLC	±									
		2 PLC	±	APPLICATION SPEC								
		3 PLC	±									
		4 PLC	±		SIZE	CASE CODE	DRAWING NO	RESTRICTED TO				
MATERIAL		ANGLES	±	WEIGHT	A 1							
		FINISH					SCALE	SHEET	OF	REV		

LOC		DIST		REVISONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	

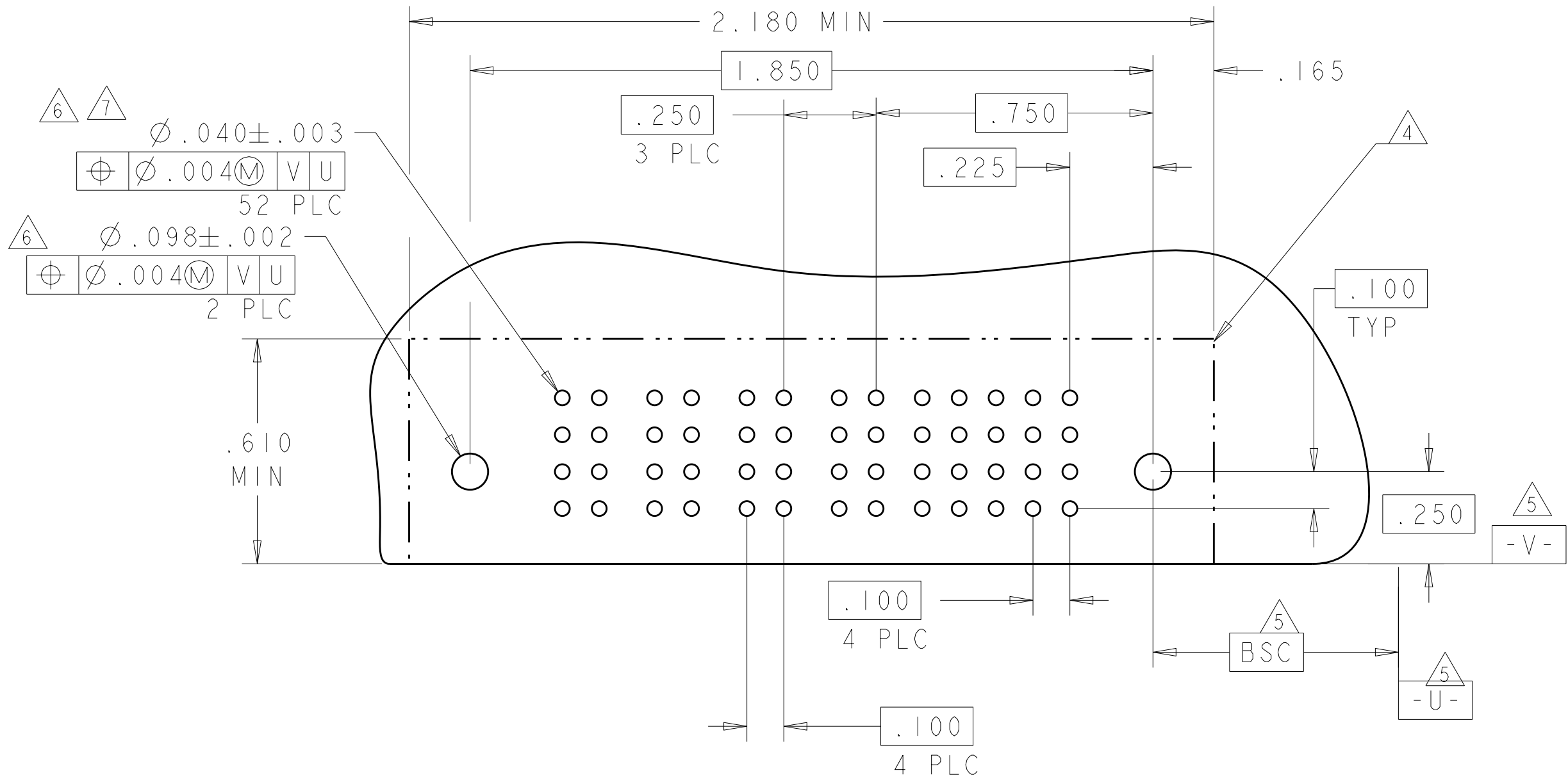
PART NUMBER	ROWS		POWER				SIGNAL					
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6450161-5	D C B A		RA	RA	RA	RA	H	H	H	H	H	
							G	G	G	G	G	
							F	F	F	F	F	
							E	E	E	E	E	
20S + 4P												



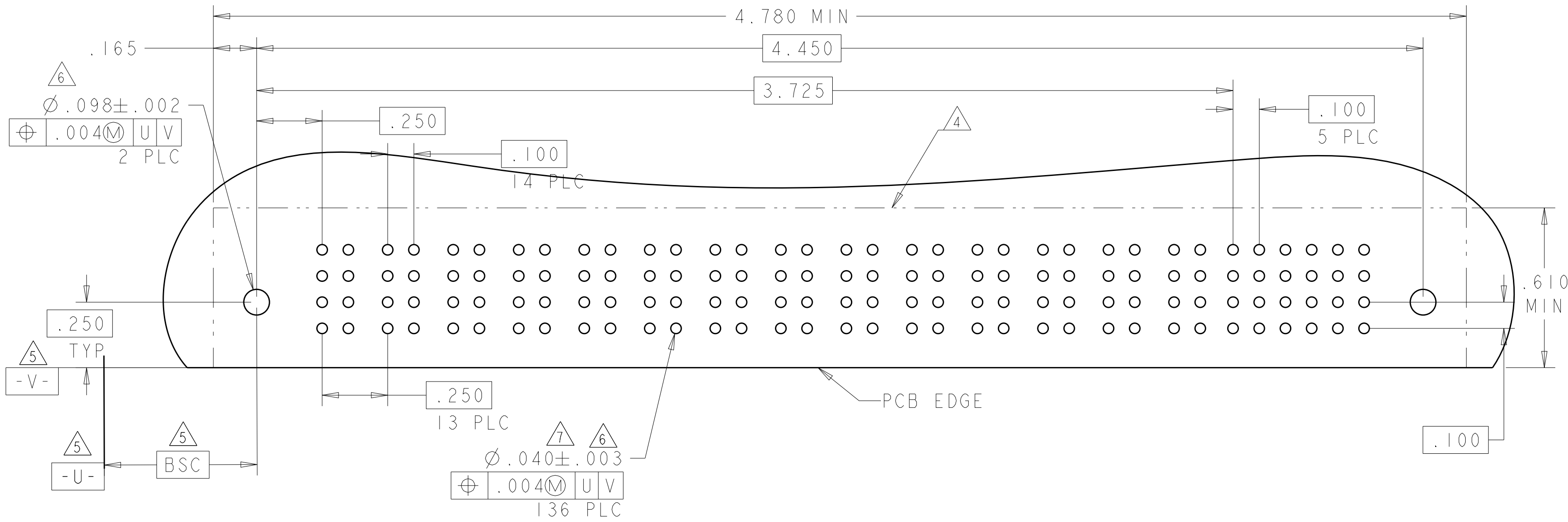
PART NUMBER	ROWS		POWER								SIGNAL						
			P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	
6450161-6	D C B A									H	H	H	H	H	H		
										G	G	G	G	G	G		
										F	F	F	F	F	F		
										E	E	E	E	E	E		
24S + 8P																	



PART NUMBER	ROWS		POWER				SIGNAL					
			P4	P3	P2	P1	5	4	3	2	1	
1-6450161-0	D C B A	HD					H	H	H	H	HD	
							G	G	G	G		
							F	F	F	F		
							E	E	E	E		
20S + 4P			NO. CONT.									

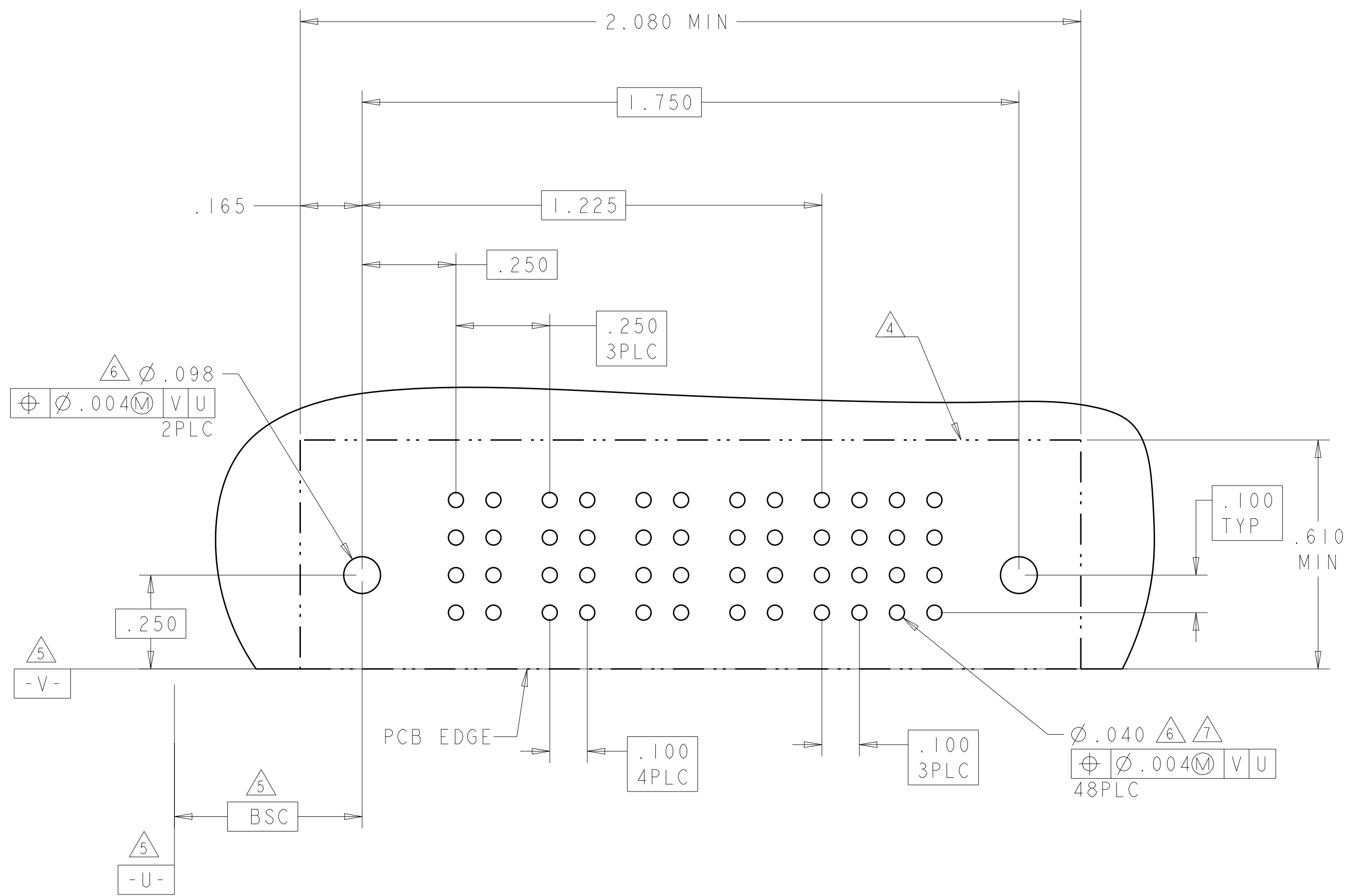


PART NUMBER	ROWS		POWER														SIGNAL						
			P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	
6450161-4	D C B A	HD	RA RA RA RA RA RA RA RA RA RA RA RA RA RA RA RA	H	H	H	H	H	H														
				G	G	G	G	G	G														
				F	F	F	F	F	F														
				E	E	E	E	E	E														
24S + 14P																							



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 21FEB05	TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE 21FEB05		
		APVD M. PERCHERKE	NAME	
		PRODUCT SPEC	RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES, END MODULES MULTI-BEAM XL	
MATERIAL		108-1973	SIZE	
		APPLICATION SPEC	CAGE CODE DRAWING NO	
FINISH		114-13038	RESTRICTED TO	
		WEIGHT	A100779C=6450161	
CUSTOMER DRAWING		SCALE 4:1	SHEET 4 OF 6	
		REV D7		

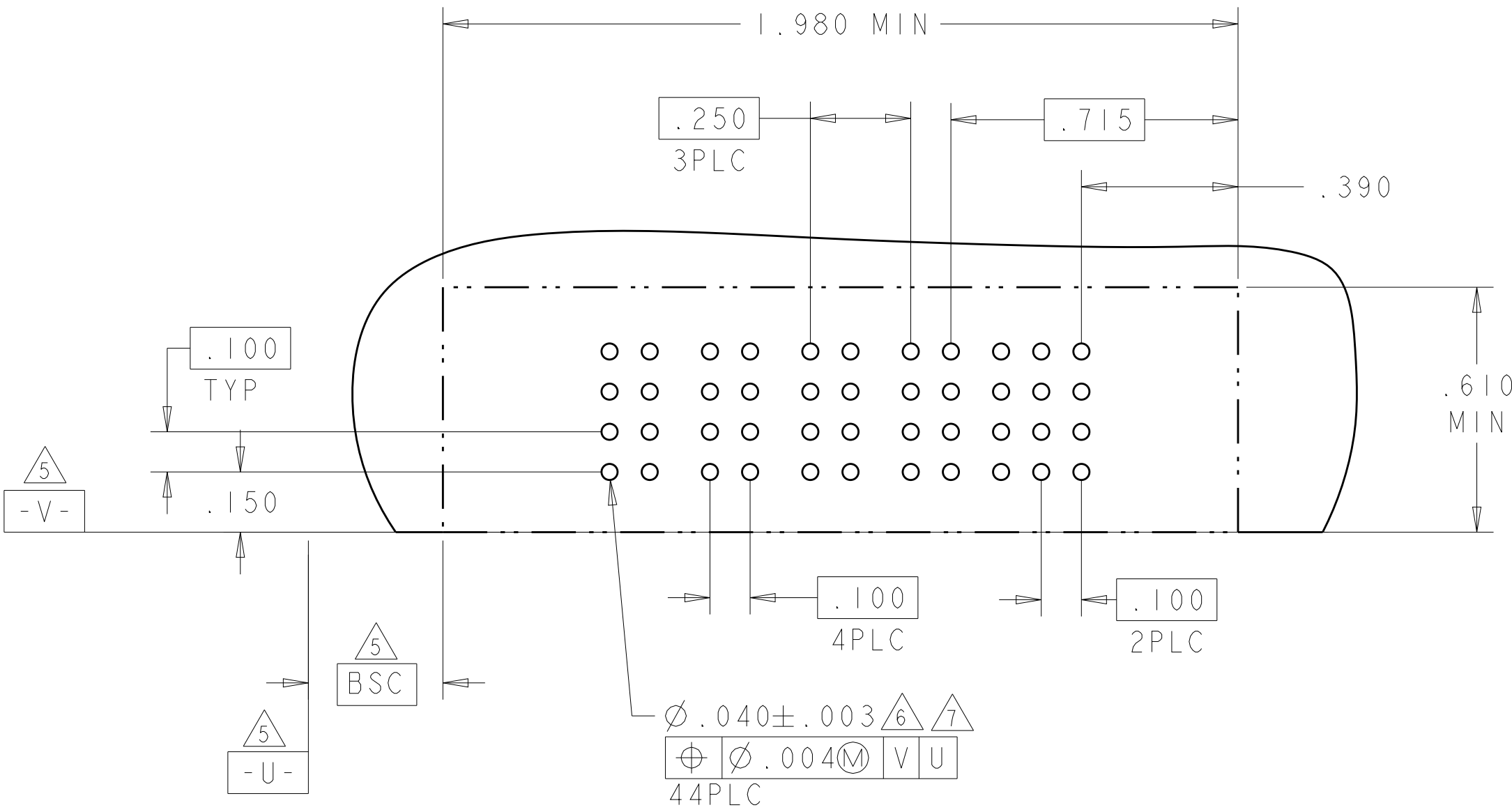
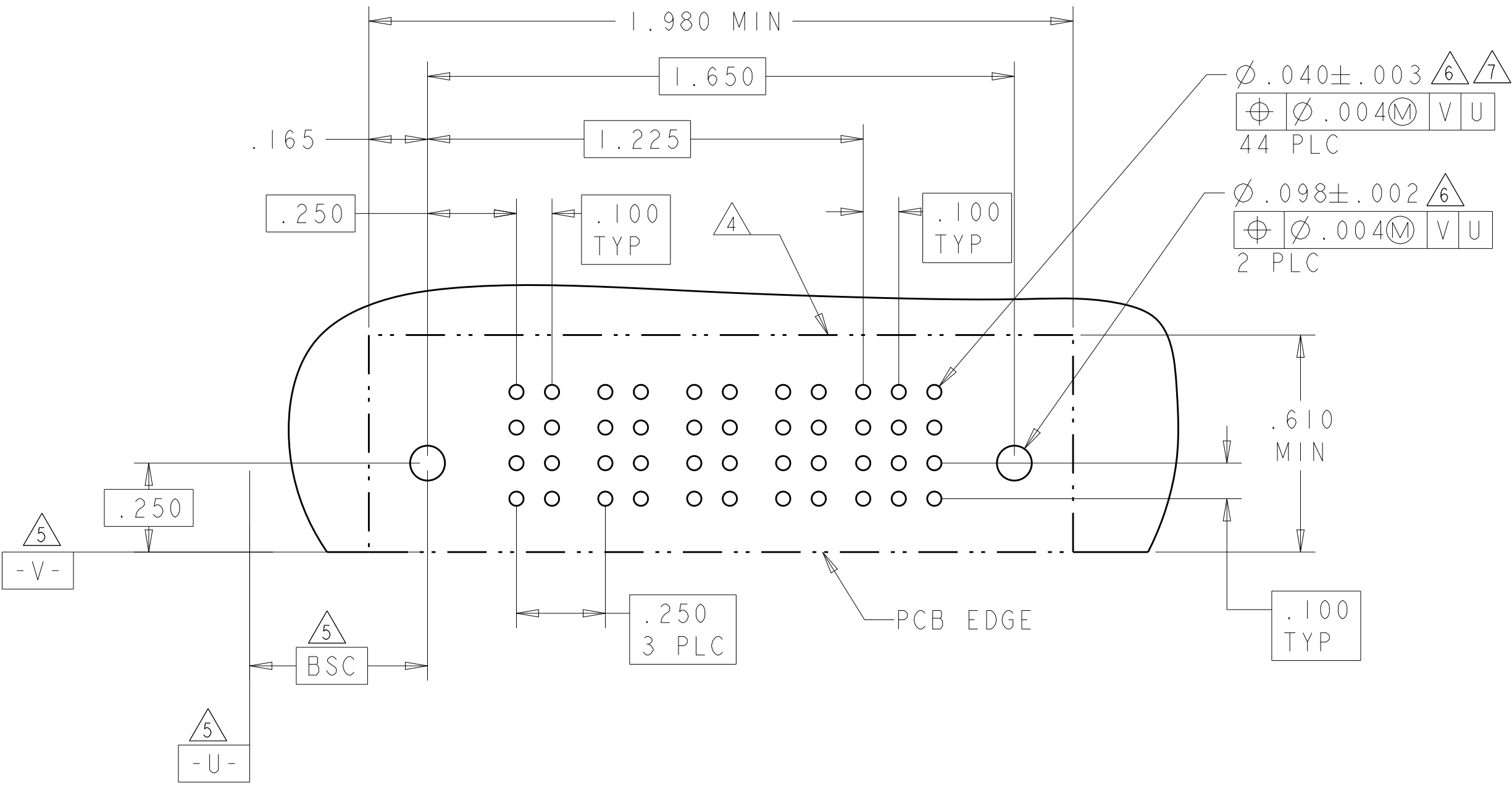
PART NUMBER	ROWS		<i>POWER</i>				<i>SIGNAL</i>				
			P4	P3	P2	P1	4	3	2	1	
I-645016I-3	D C B A	 HD	 RA	 RA	 RA	 RA	H G F E	H G F E	H G F E	H G F E	 HD
16S + 4P											

4805 (3/11)

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

PART NUMBER	ROWS		POWER				SIGNAL			
			P4	P3	P2	P1	3	2	1	
1-6450161-5	D C B A		RM	RM	RM	RM	H	H	H	
							G	G	G	
							F	F	F	
							E	E	E	
12S + 4P		HD								

PART NUMBER	ROWS		POWER				SIGNAL			
			P4	P3	P2	P1	3	2	1	
1-6450161-6	D C B A						H	H	H	
							G	G	G	
							F	F	F	
							E	E	E	
12S + 4P										



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHEKE APVD M.PERCHEKE	21FEB05 21FEB05 -
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
		0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH	± ±.01 ±.005 ±.0020 ± -
MATERIAL -		WEIGHT -	
		CUSTOMER DRAWING	
		SCALE 4:1	SHEET 6 OF 6
		REV D7	

R.GRZYBOWSKI M.PERCHEKE		21FEB05 21FEB05 -
PRODUCT SPEC 108-1973		APPLICATION SPEC 114-13038
SIZE A1		CAGE CODE 00779
DRAWING NO 6450161		RESTRICTED TO -

TE Connectivity

RIGHT ANGLE RECEPTACLE ASSEMBLY
WITH GUIDES, END MODULES
MULTI-BEAM XL

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6450161-7](#)