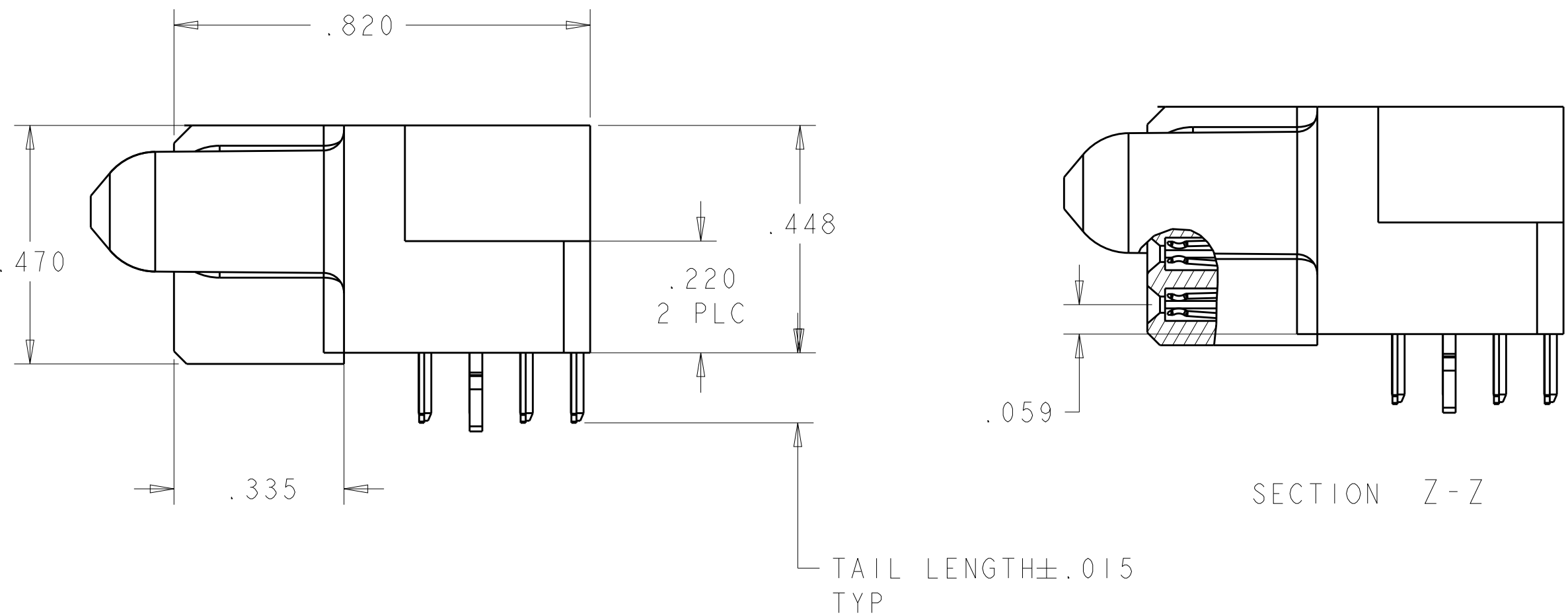
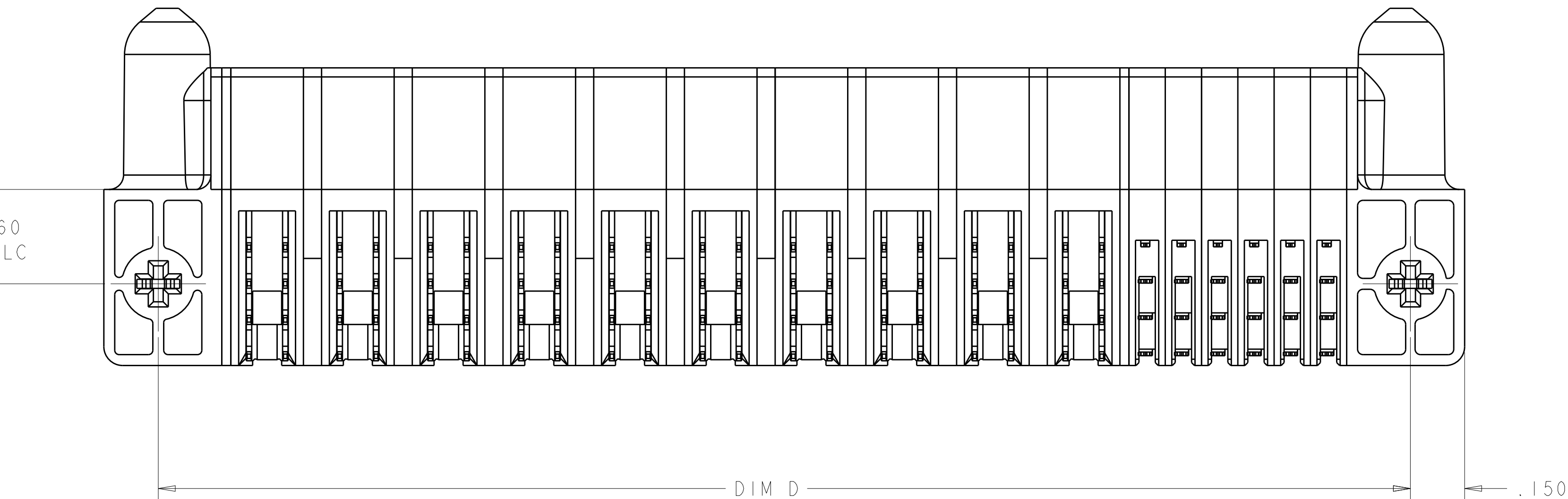
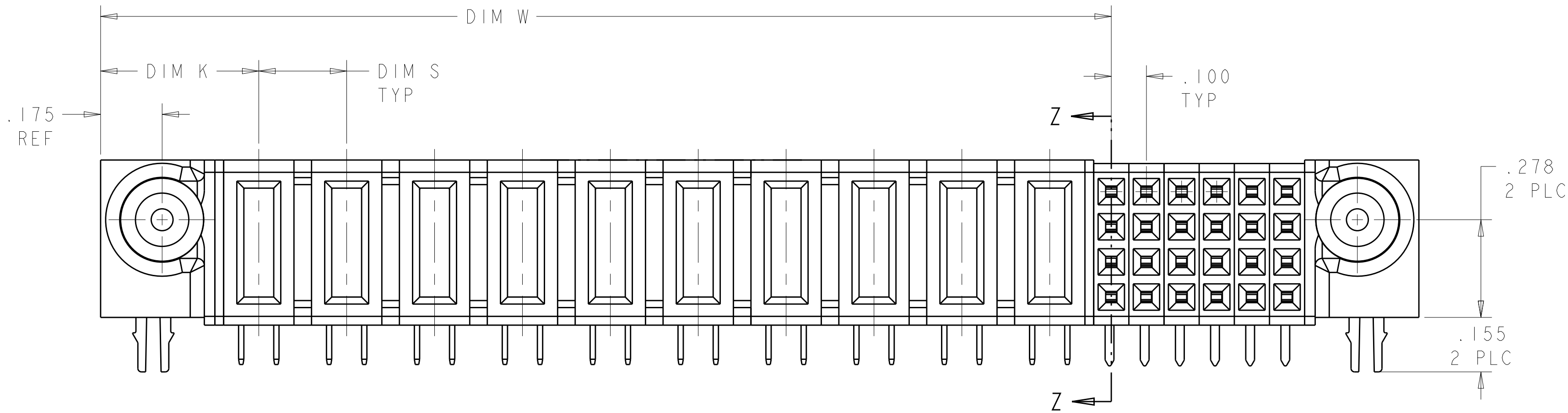
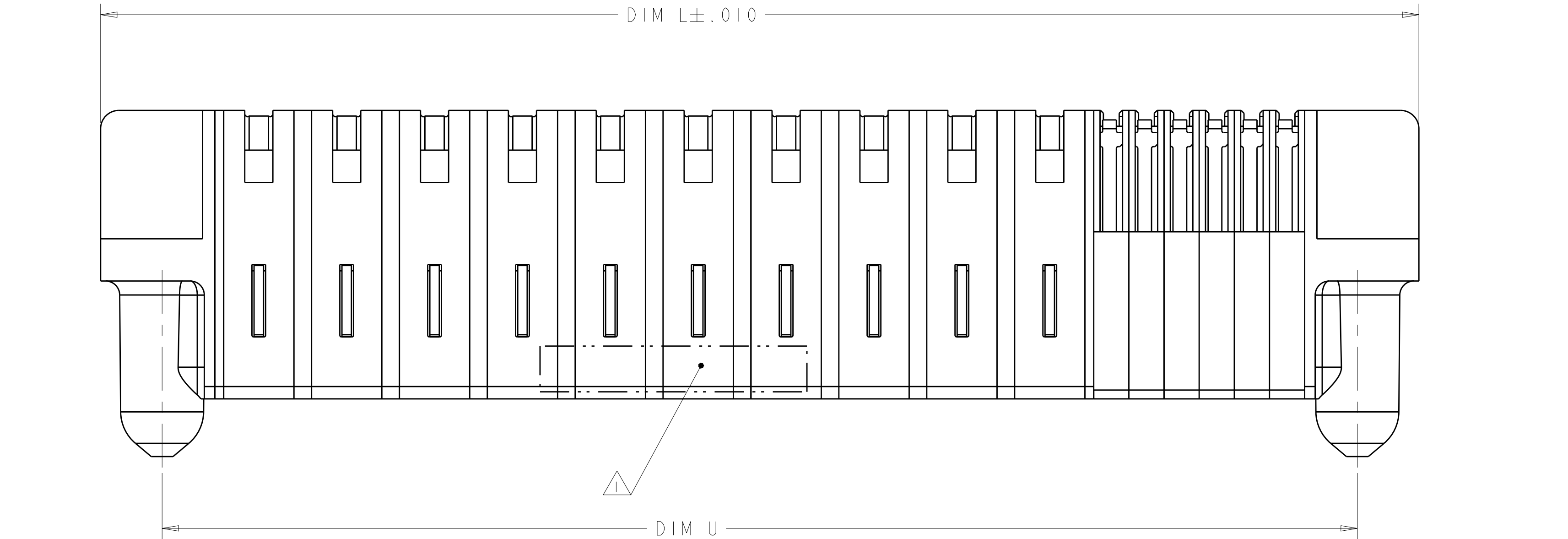


LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			D5	REV PER ECR-12-018919	31OCT2012	ML	SZ
			D6	UPDATED	12NOV2012	ML	SZ
			D7	REV PER ECR-13-006264	15APR2013	CZ	SZ

- 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

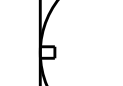
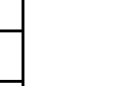
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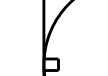
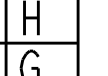
TE Connectivity

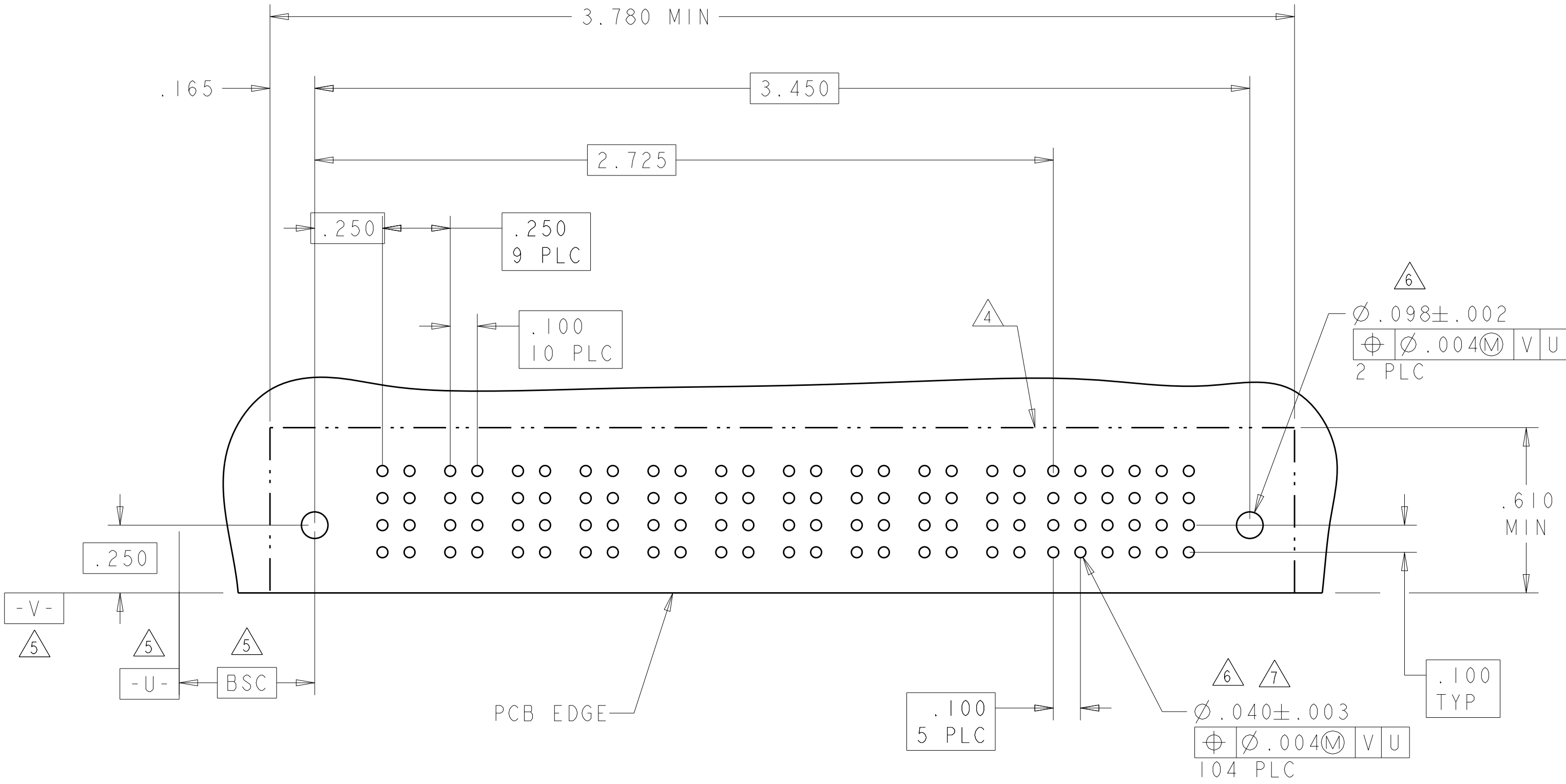
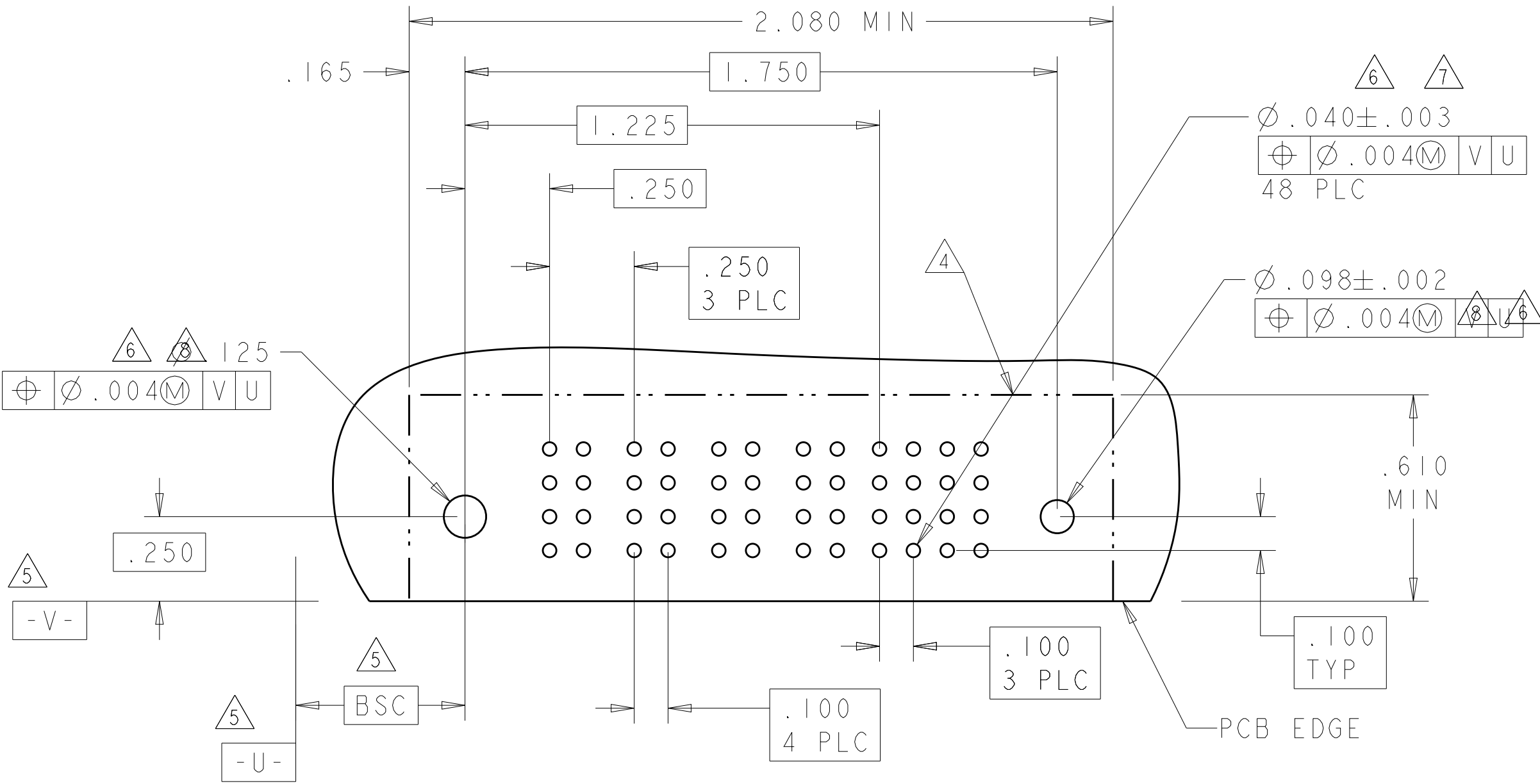
RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES, END MODULES MULTI-BEAM XL

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

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

PART NUMBER	ROWS		POWER				SIGNAL				
			P4	P3	P2	P1	4	3	2	1	
6450161-1	D C B A		 RA	 RA	 RA	 RA	H	H	H	H	
							G	G	G	G	
							F	F	F	F	
							E	E	E	E	
16S + 4P											

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												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 +10P																					



RM	.135	STD
RA	.135	MFBL
RN	.090	STD
RB	.090	MFBL
CODE	TAIL LENGTH	DESCRIPTION

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

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 ±.0020
ANGLES ±.0020
FINISH

MATERIAL

-

DWN
R. GRZYBOWSKI
CHK
M. PERCHERKE
APVD
M. PERCHERKE

21FEB05
21FEB05

PRODUCT SPEC
108-1973

APPLICATION SPEC
114-13038

WEIGHT
-

CUSTOMER DRAWING

NAME

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

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450161

RESTRICTED TO
-

SCALE
4:1

SHEET
2

OF
6

REV
D7

TE Connectivity

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

6 $\triangle$ 7 $\triangle$ $\varnothing .040 \pm .002$
 $\oplus$ $\varnothing .004$ $\textcircled{M}$ $\textcircled{V}$ $\textcircled{U}$
 36 PLC

4 $\triangle$.250
 3 PLC

6 $\triangle$ $\varnothing .098 \pm .002$
 $\oplus$ $\varnothing .004$ $\textcircled{M}$ $\textcircled{V}$ $\textcircled{U}$
 2 PLC

5 $\triangle$.250
 -V-

5 $\triangle$ BSC
 -U-

.100
 TYP

.100
 4 PLC

.100
 PCB EDGE

.610
 MIN

1.780 MIN

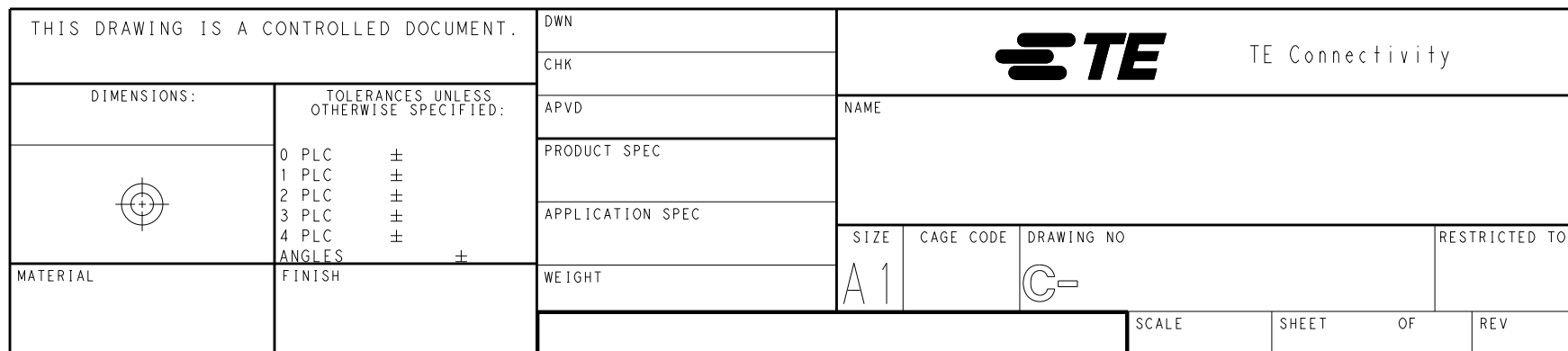
1.450

.165

.350

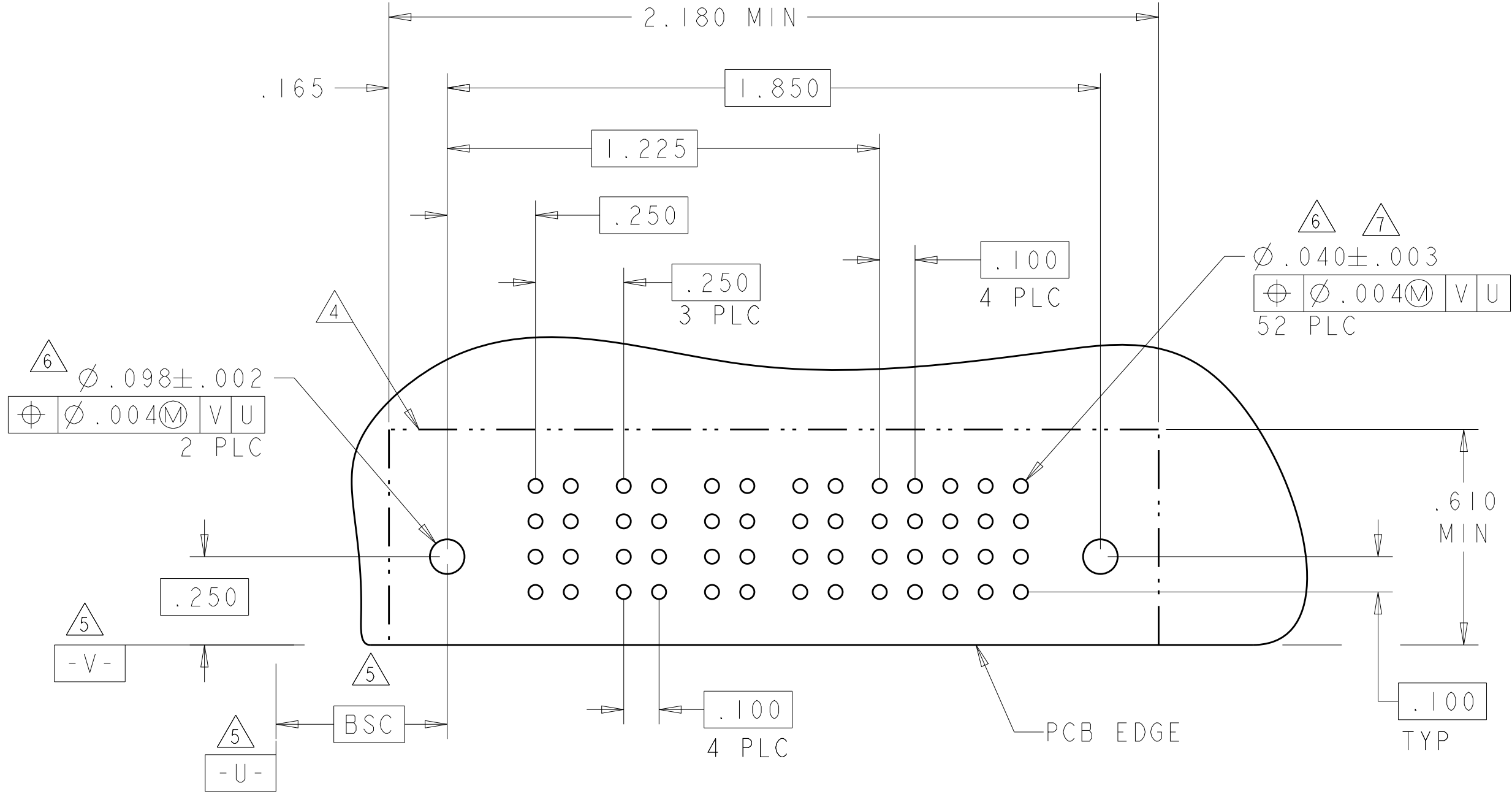
.225

.250

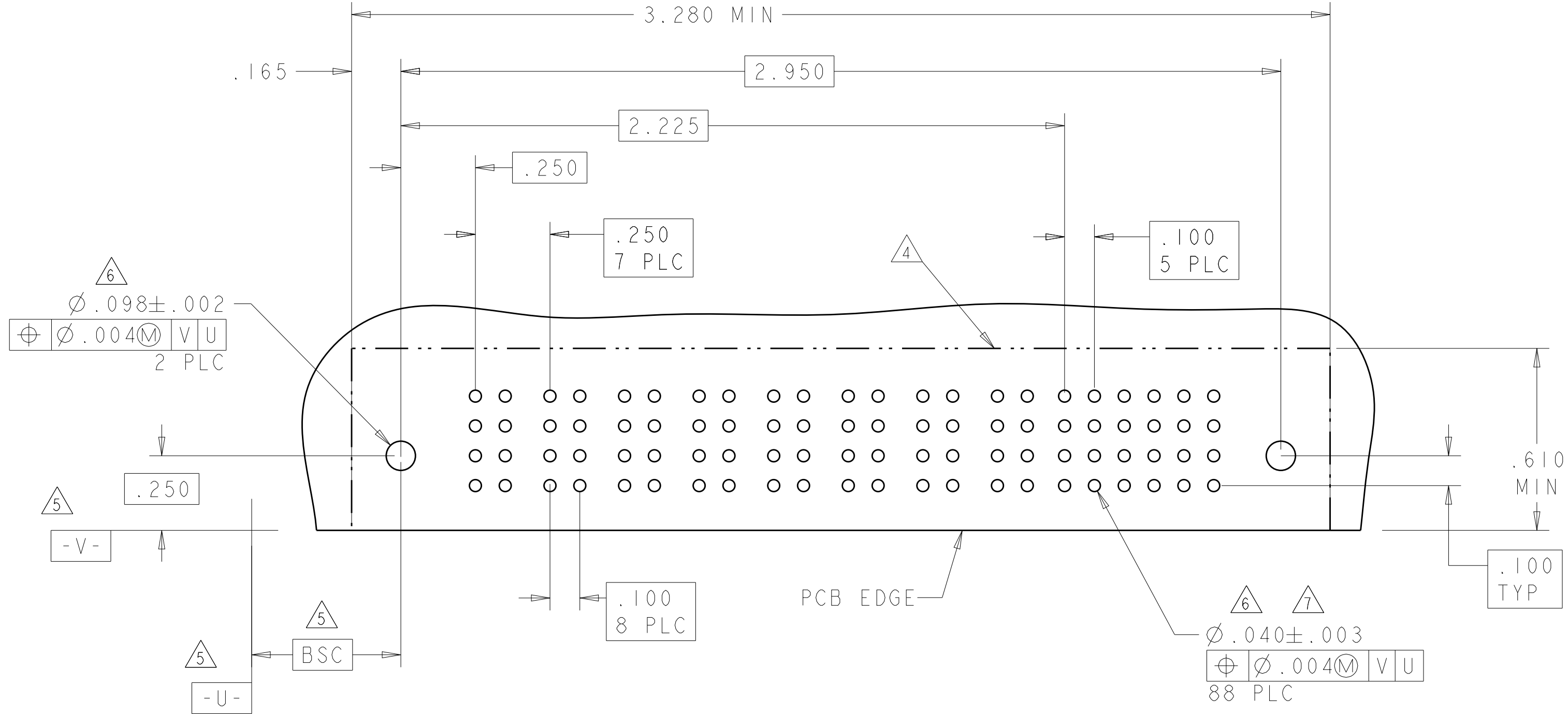


LOC		DIST		REVISONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	

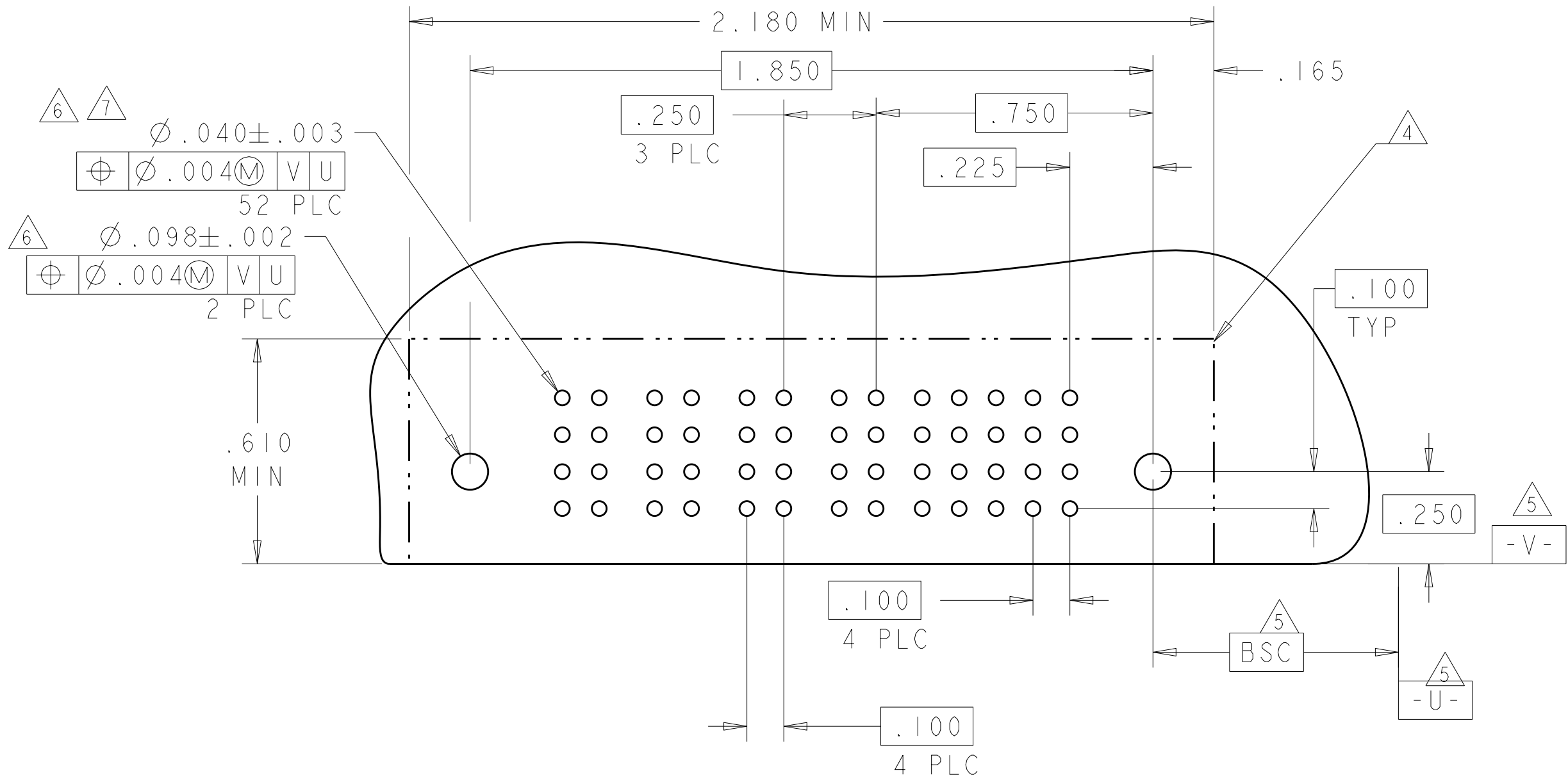
PART NUMBER	ROWS		POWER				SIGNAL					
			P4	P3	P2	P1	5	4	3	2	1	
6450161-5	D C B A		RA	RA	RA	RA	H	H	H	H	H	
							G	G	G	G	G	
							F	F	F	F	F	
							E	E	E	E	E	
20S + 4P												



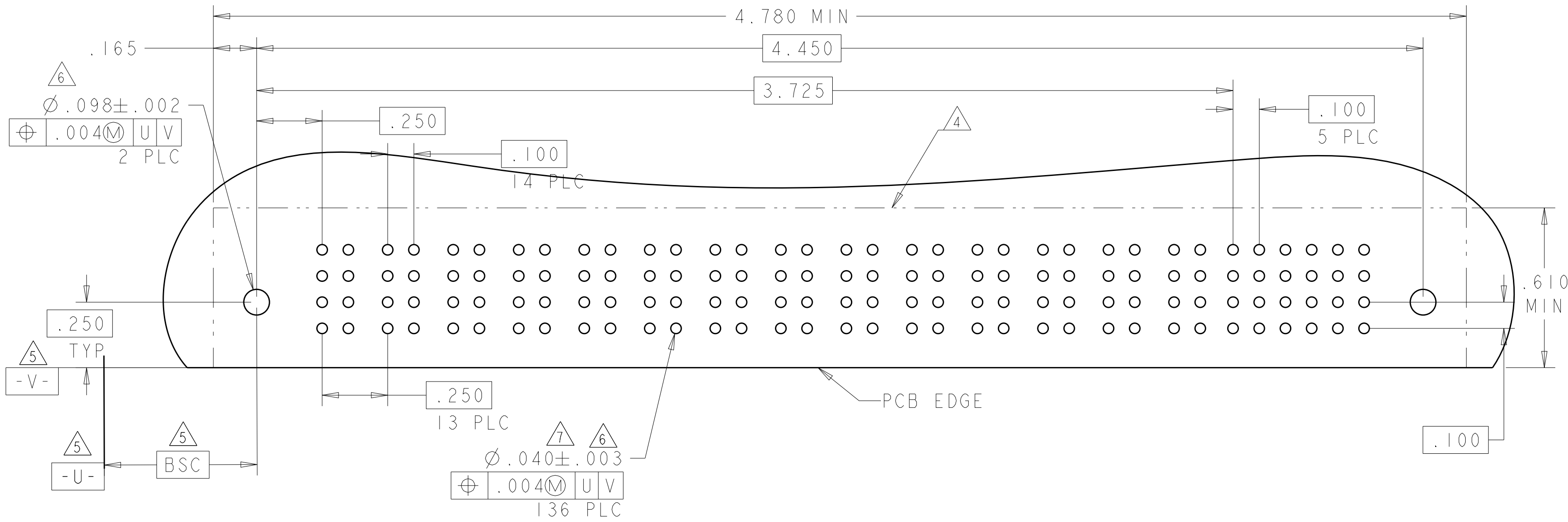
PART NUMBER	ROWS		POWER								SIGNAL							
			P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1		
6450161-6	D C B A									H	H	H	H	H	H			
										G	G	G	G	G	G			
										F	F	F	F	F	F			
										E	E	E	E	E	E			
24S + 8P		HD																HD



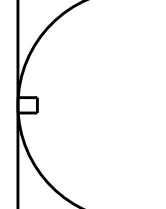
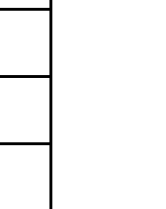
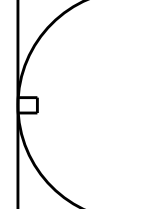
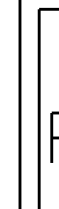
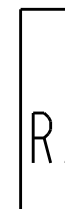
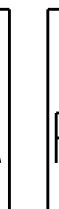
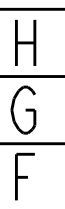
PART NUMBER	ROWS		POWER				SIGNAL					
			P4	P3	P2	P1	5	4	3	2	1	
1-6450161-0	D C B A	HD					H	H	H	H	HD	
							G	G	G	G		
							F	F	F	F		
							E	E	E	E		
20S + 4P			NO. CONT.									

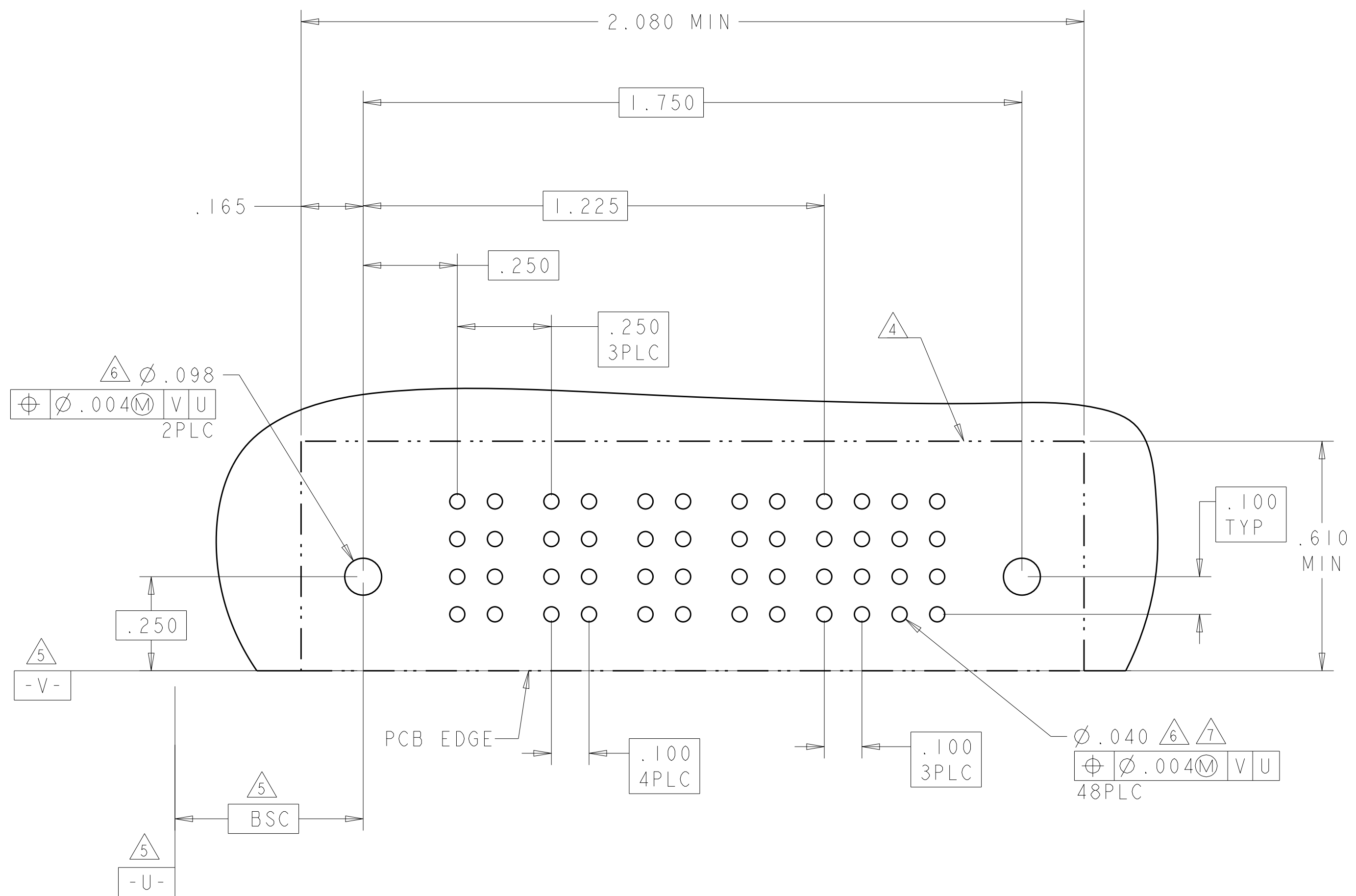


PART NUMBER	ROWS		POWER														SIGNAL						
			P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	
6450161-4	D C B A	HD	RA RA RA RA RA RA RA RA RA RA RA RA RA RA RA RA	H	H	H	H	H	H														
				G	G	G	G	G	G														
				F	F	F	F	F	F														
				E	E	E	E	E	E														
24S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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	21FEB05	TE Connectivity			
DIMENSIONS: INCHES		CHK M. PERCHERKE	21FEB05				
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.002		PRODUCT SPEC			
MATERIAL		FINISH		APPLICATION SPEC			
				114-13038			
				WEIGHT			
				A100779			
				CAGE CODE DRAWING NO			
				RESTRICTED TO			
				C=6450161			
				CUSTOMER DRAWING			
				SCALE 4:1			
				SHEET 4 OF 6			
				REV D7			

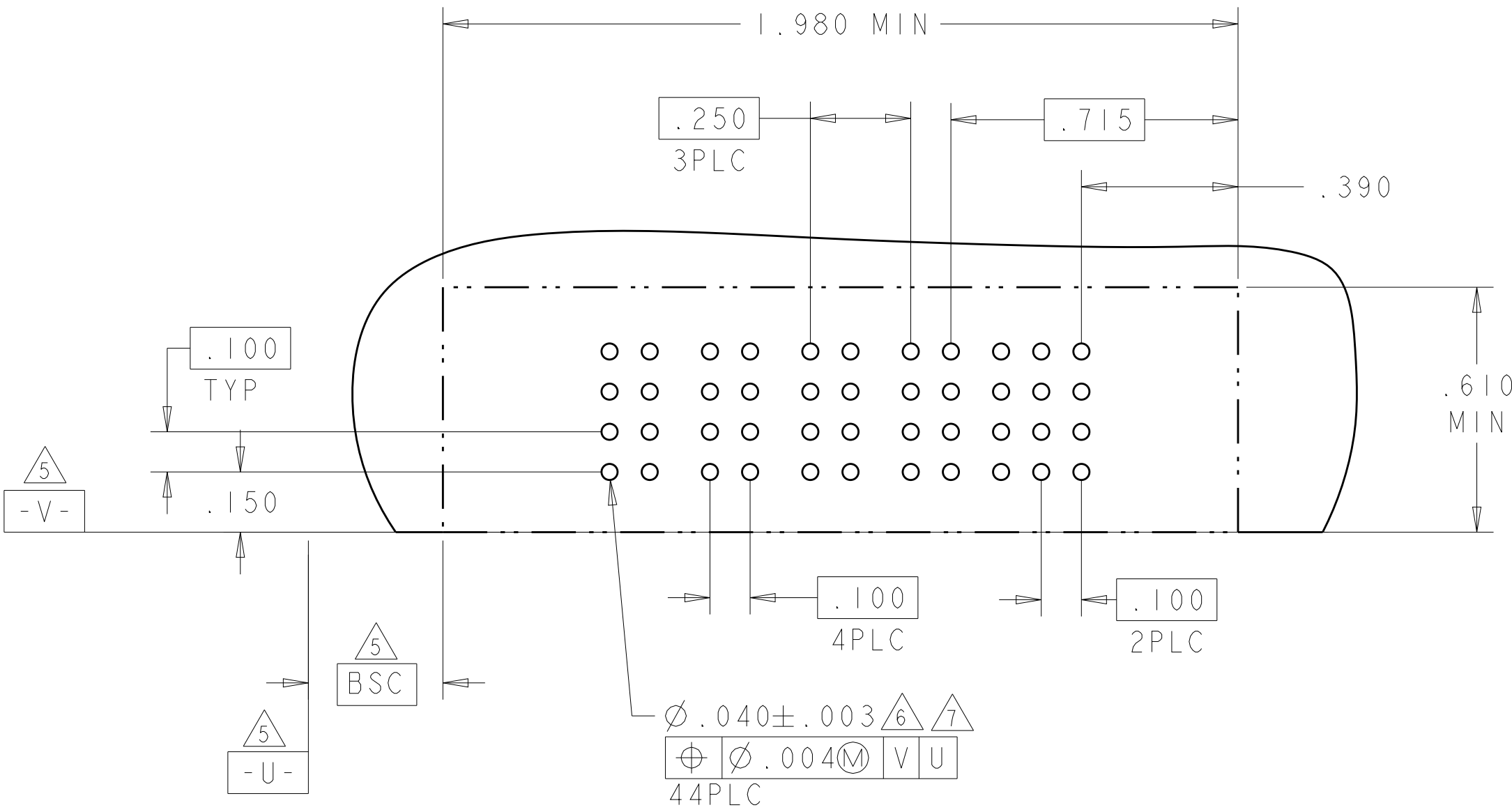
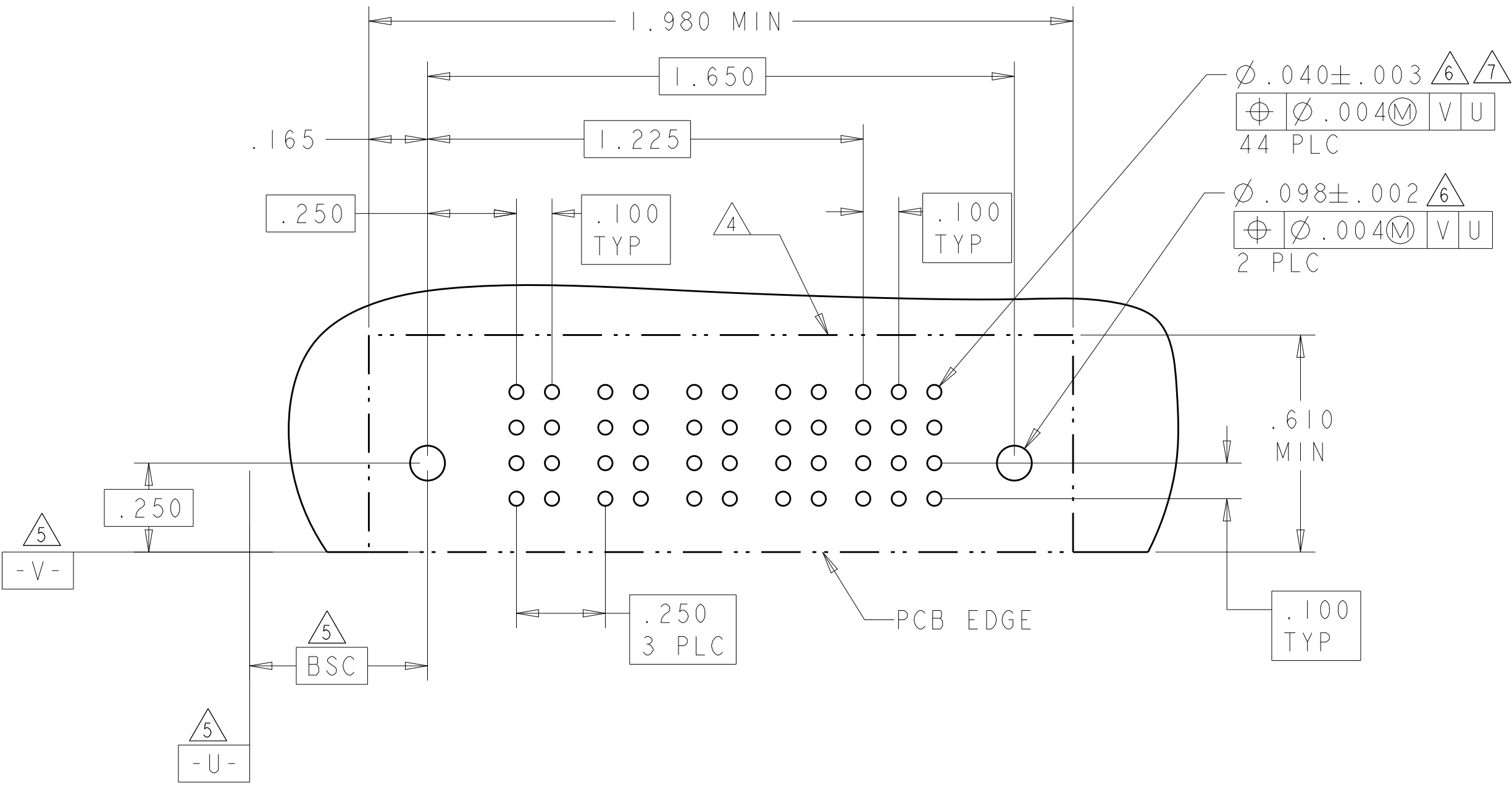
PART NUMBER	ROWS		POWER				SIGNAL							
			P4	P3	P2	P1	4	3	2	1				
1-6450161-3	D C B A													
16S + 4P														

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	21FEB05		
		CHK M.PERCHEKE	21FEB05		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
INCHES		0 PLC ±.01		PRODUCT SPEC	
		1 PLC ±.01		108-1973	
		2 PLC ±.01		APPLICATION SPEC	
		3 PLC ±.005		114-13038	
		4 PLC ±.0020		WEIGHT	
		ANGLES		A100779	
		FINISH		C=6450161	
MATERIAL		CUSTOMER DRAWING		RESTRICTED TO	
				SCALE 4:1	
				SHEET 6 OF 6	
				REV D7	

Mouser Electronics

Authorized Distributor

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