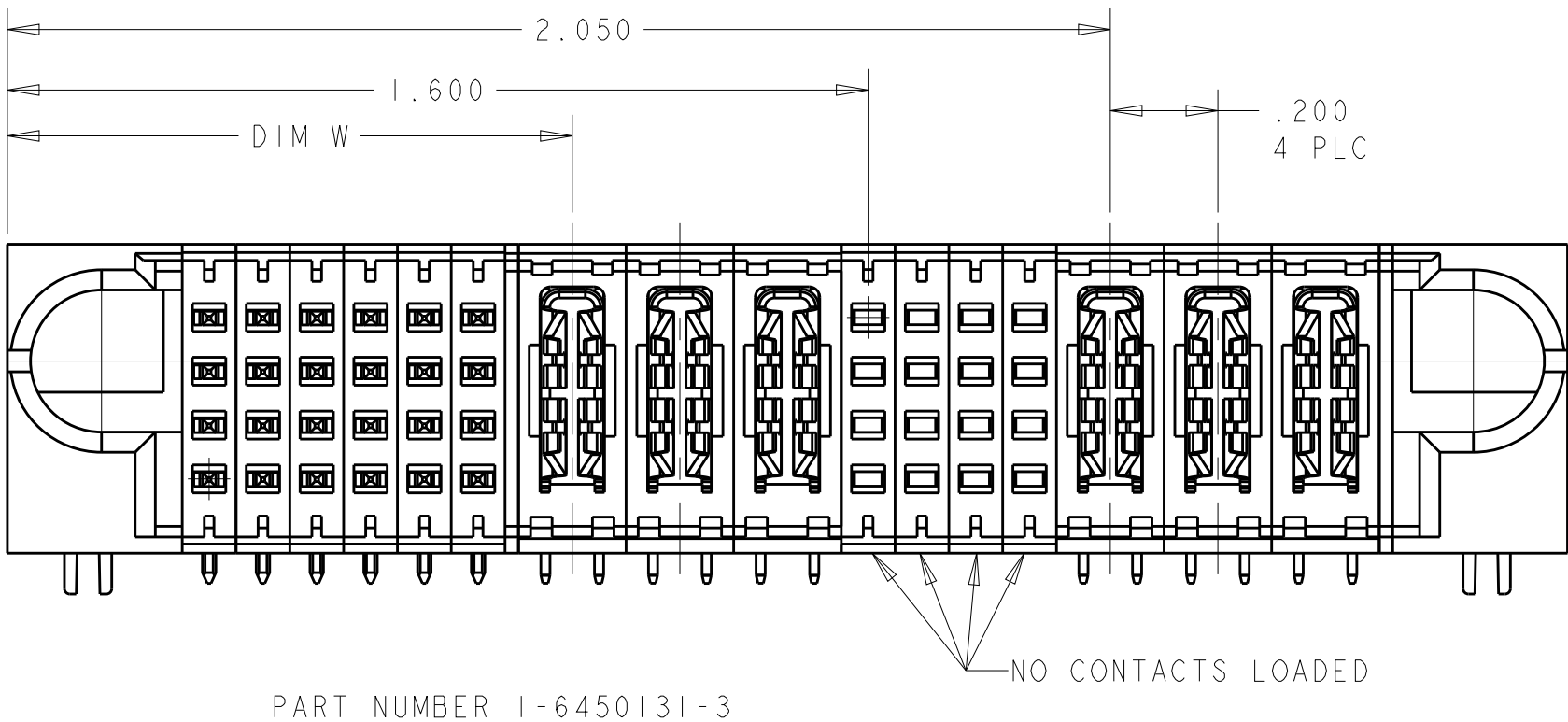
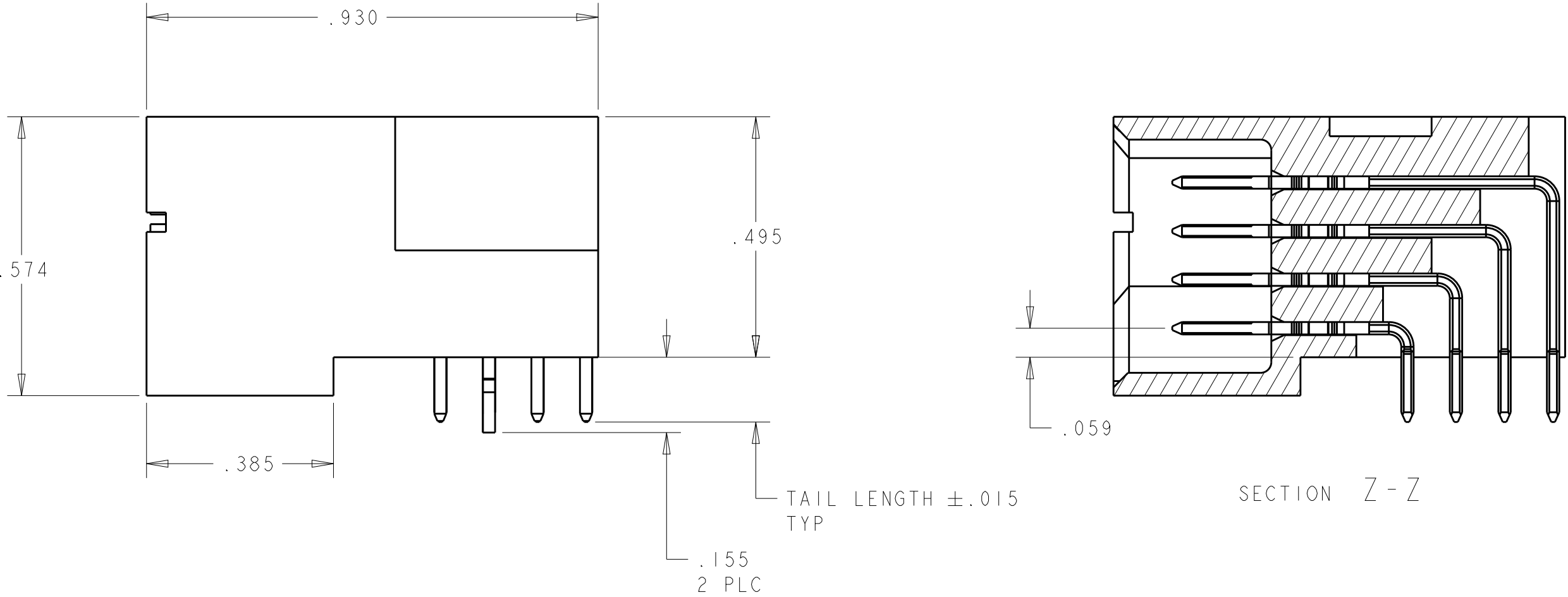
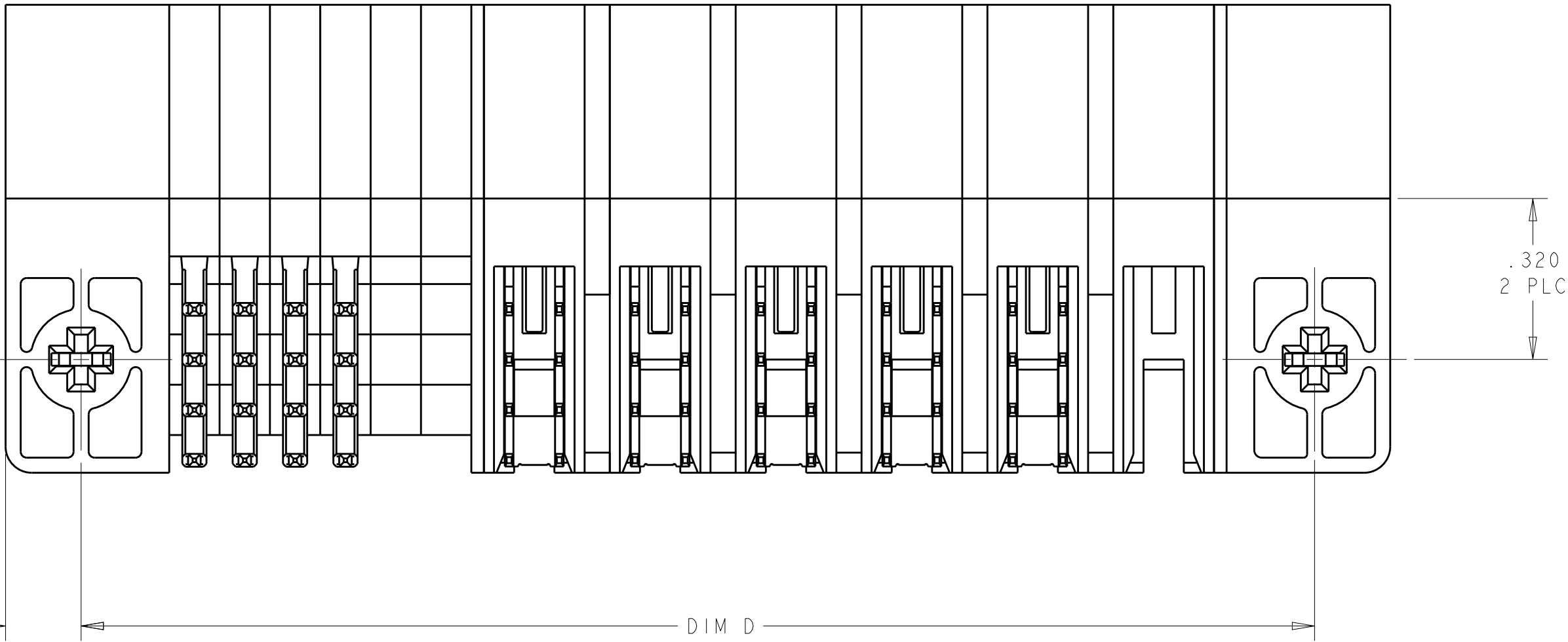
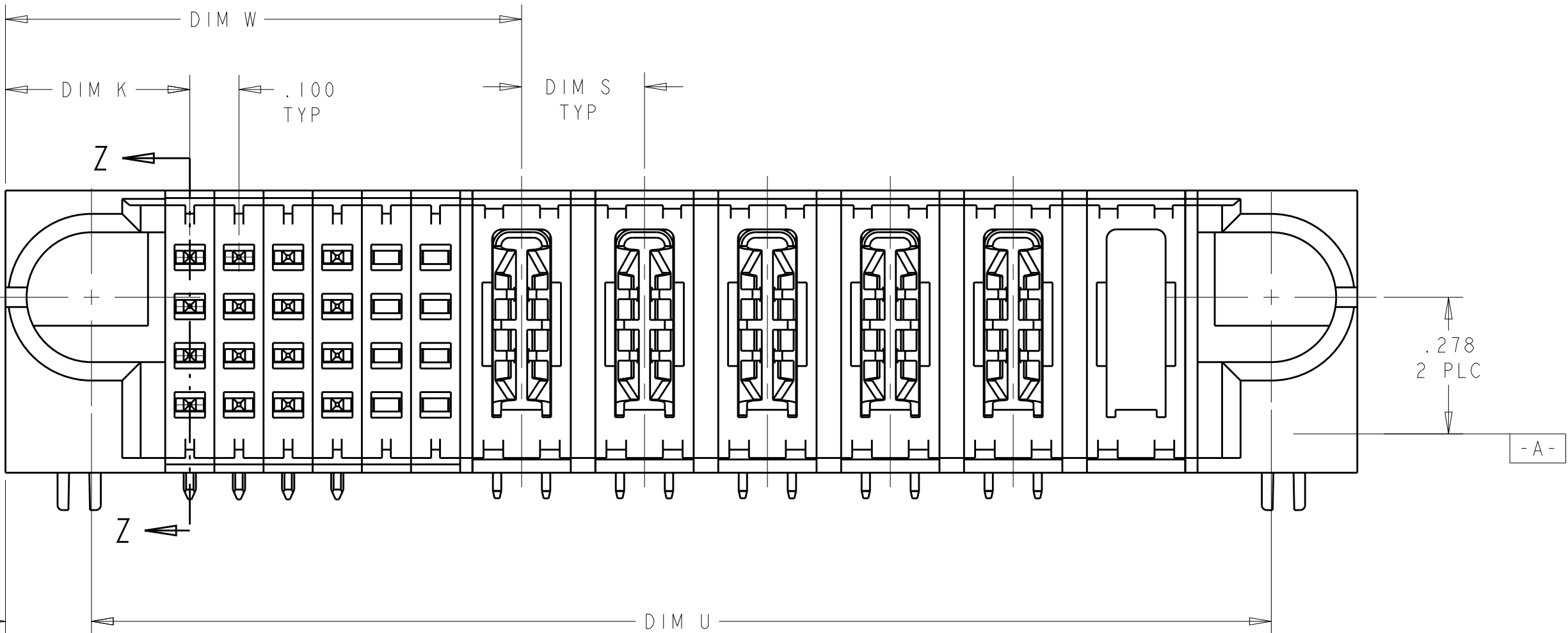
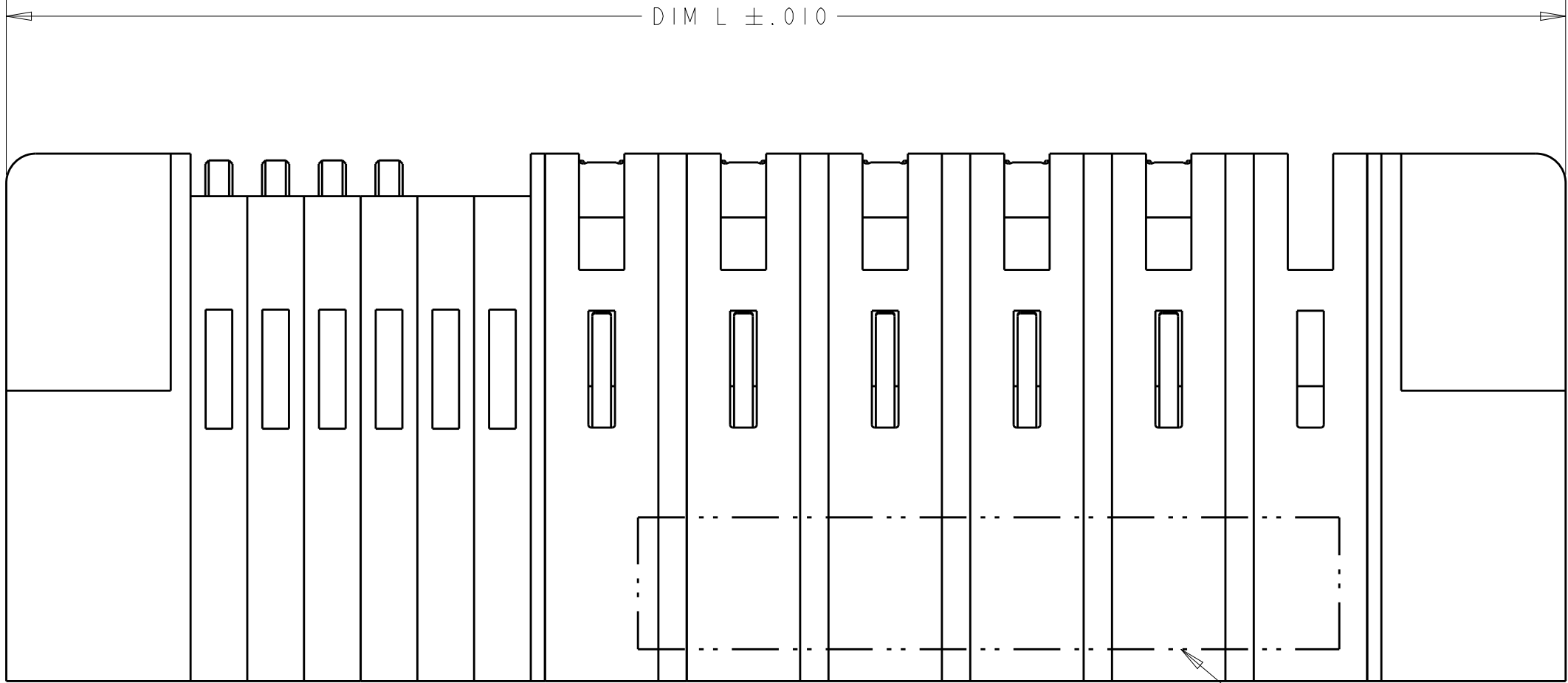


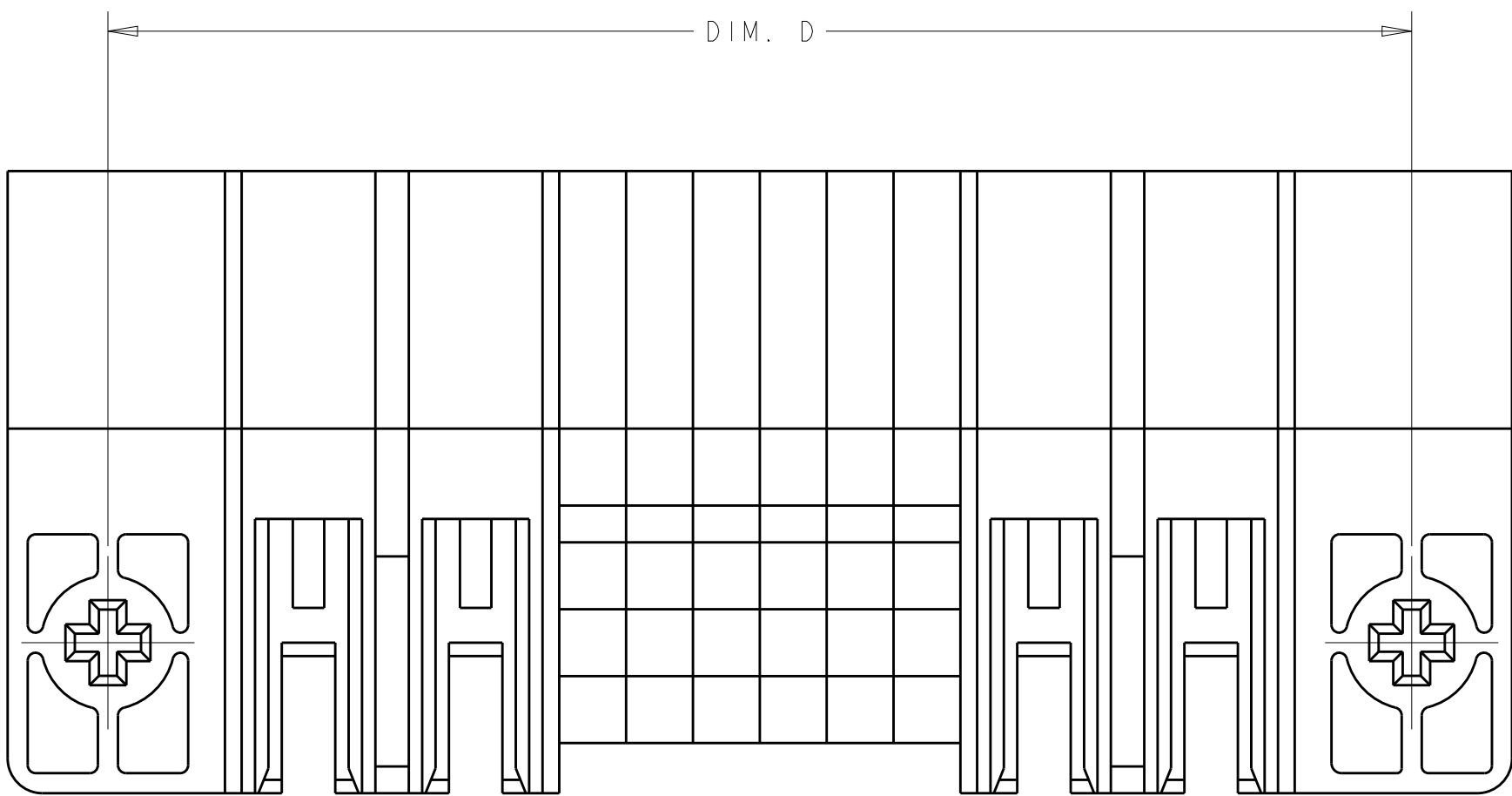
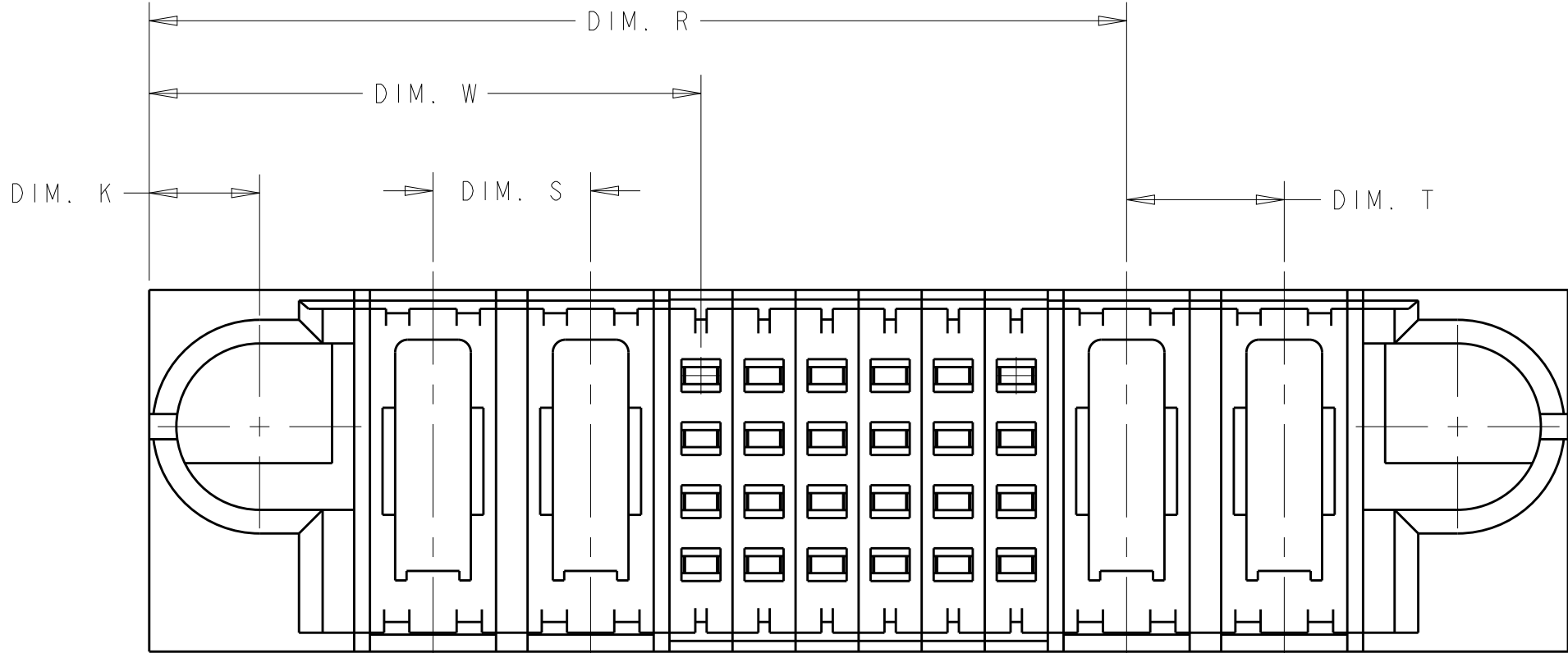
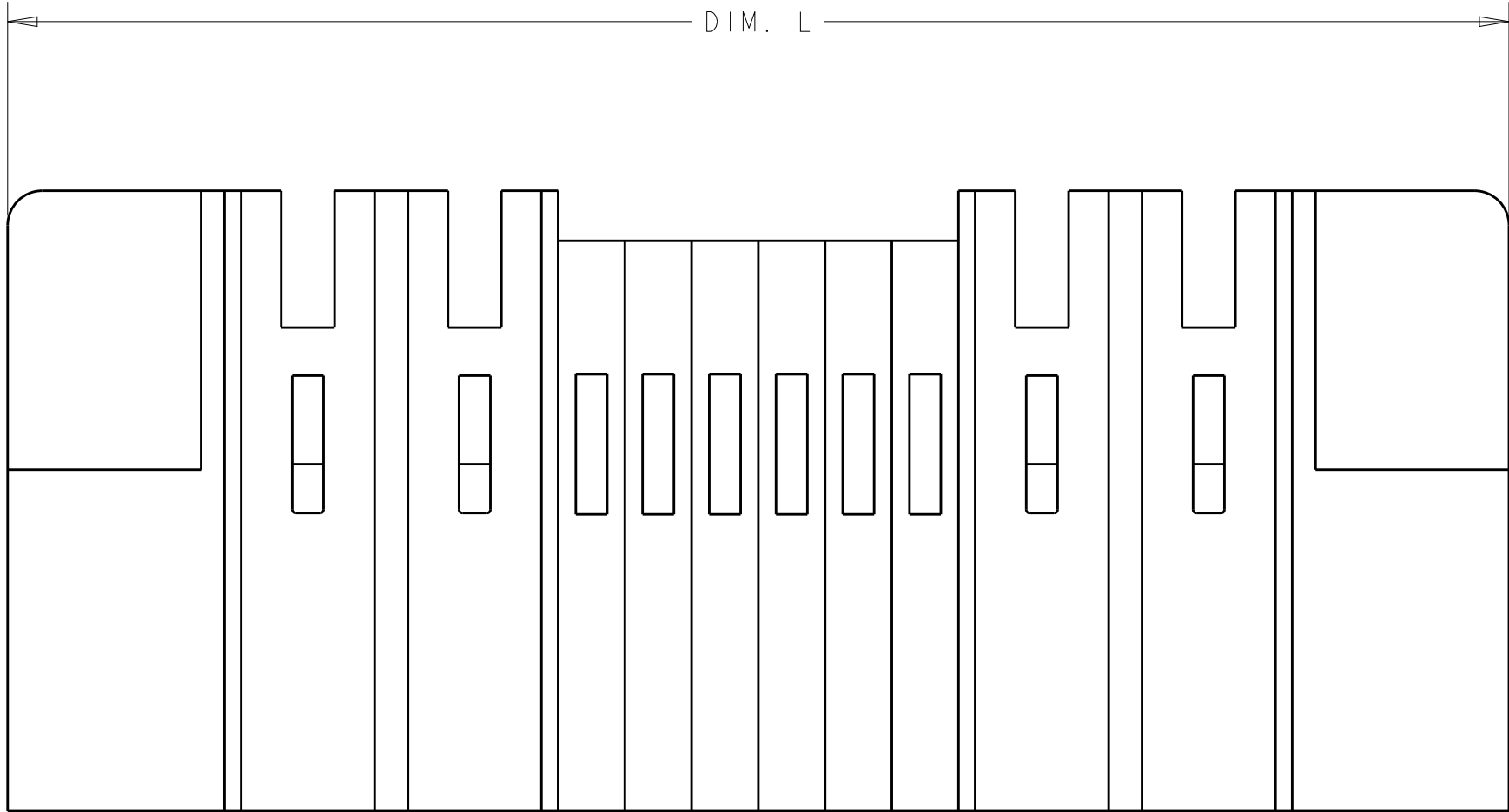
LOC		DIST		REVISIONS				
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		E8		REV PER ECR-12-021802	04JAN2013	ML	SZ	
		E9		ADD NEW DASH NUMBER 2-3	21MAY2013	CZ	SZ	



PART NUMBER 1-6450131-3

- 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 - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 3 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER CONTACTS 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 PLATED WITH .0003 MIN Sn OVER .001 TO .003 CU PLATING TO ACHIEVE A .040±.003 DIA HOLE

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



PART 2-6450131-1
(NO CONTACT VIEW)

E9	-	-	4.650	.250	.400	4.700	1.800	5.000	52S + 12P	2-6450131-3
	-	-	1.700	.250	.375	1.750	.850	2.050	16S + 4P	2-6450131-2
	1.550	.250	1.900	.250	.450	1.950	.875	2.250	24S	2-6450131-1
			1.600	.250	.375	1.650	.750	1.950	12S + 4P	1-6450131-9
			3.650	.250	.400	3.700	1.300	4.000	32S + 10P	1-6450131-8
			2.950	.200	.375	3.000	1.050	3.300	24S + 10HDP	1-6450131-7
			2.400	.250	.375	2.450	1.050	2.750	24S + 6P	1-6450131-6
			2.450	.200	.375	2.500	.950	2.800	20S + 8P	1-6450131-5
			2.400	.250	.375	2.450	1.050	2.750	24S + 6P	1-6450131-4
			2.550	.200	.375	2.600	1.050	2.900	24S + 3P + 16S + 3P	1-6450131-3
			2.500	.250	.425	2.550	.875	2.850	12S + 7P	1-6450131-1
			2.400	.250	.375	2.450	1.050	2.750	24S + 6P	6450131-7
			2.700	.300	.375	2.750	.775	3.050	12S + 7ACP	6450131-6
			2.400	.250	.375	2.450	1.050	2.750	24S + 6P	6450131-5
			4.400	.250	.375	4.450	1.050	4.750	24S + 14P	6450131-4
			1.950	.250	.375	2.000	.850	2.300	16S + 5P	6450131-3
	DIM R	DIM T	DIM U	DIM S	DIM K	DIM D	DIM W	DIM L	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±.01
±.005
±.0020
±2°
-

DWN
CHK
APVD

R. GRZYBOWSKI
M. PERCHERKE
M. PERCHERKE

-

15FEB05
15FEB05

-

PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038

WEIGHT
-

CUSTOMER DRAWING

SCALE
1:1

NAME
RIGHT ANGLE HEADER ASSY
SOLDER CONTACTS, W/GUIDES
MULTI-BEAM XL

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450131

RESTRICTED TO
-

SHEET
2

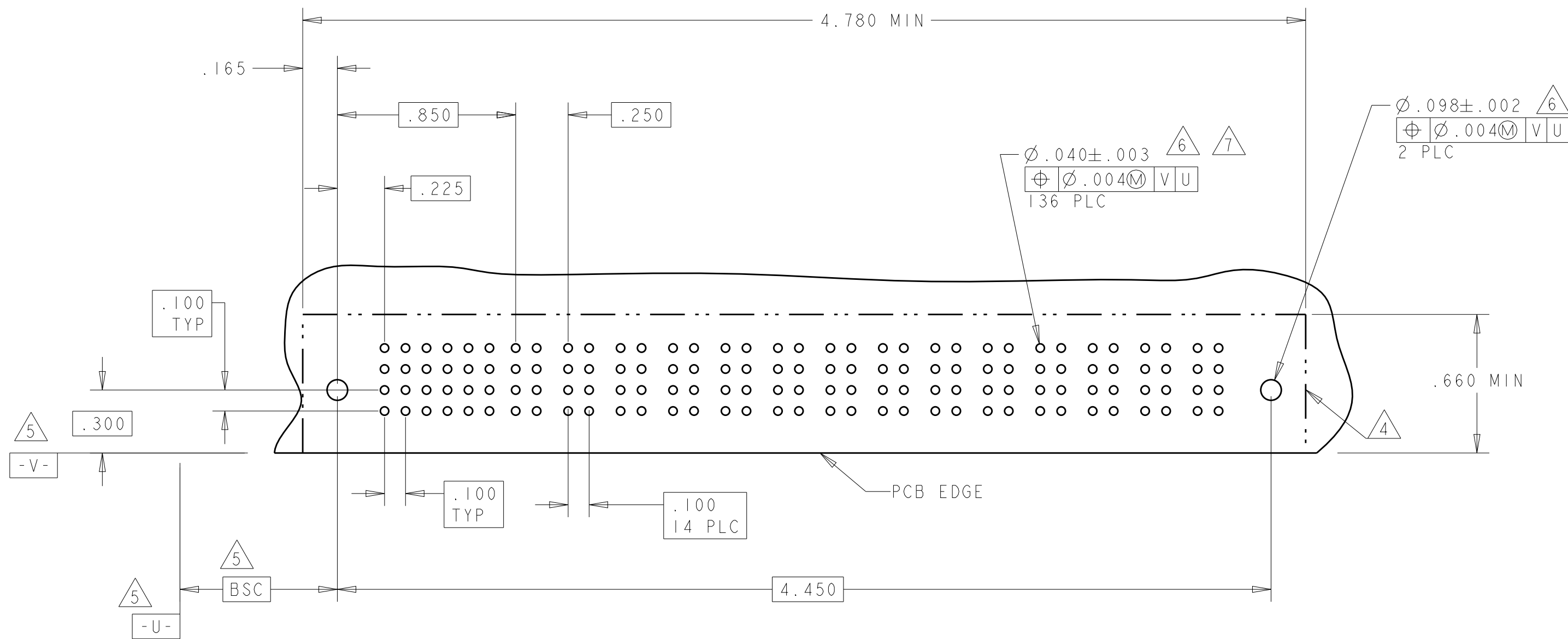
OF
9

REV
E9

TE Connectivity

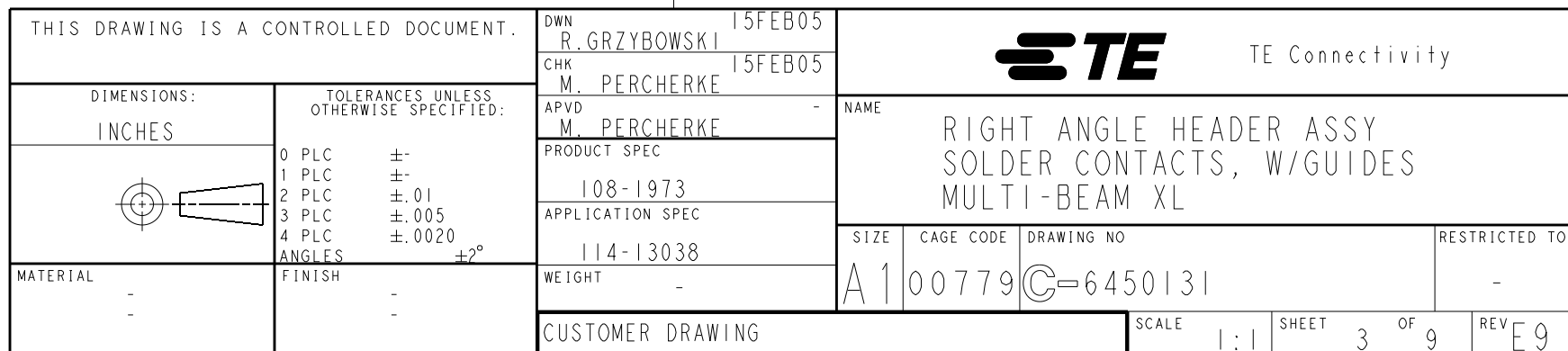
4805 (3/11)

PART NUMBER	ROWS		SIGNAL						POWER																																																																																																																																																																																																																																																																																																																																								
			1	2	3	4	5	6	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14																																																																																																																																																																																																																																																																																																																											
6450131-4	D C B A		J	J	J	J	J	J																																																																																																																																																																																																																																																																																																																																									



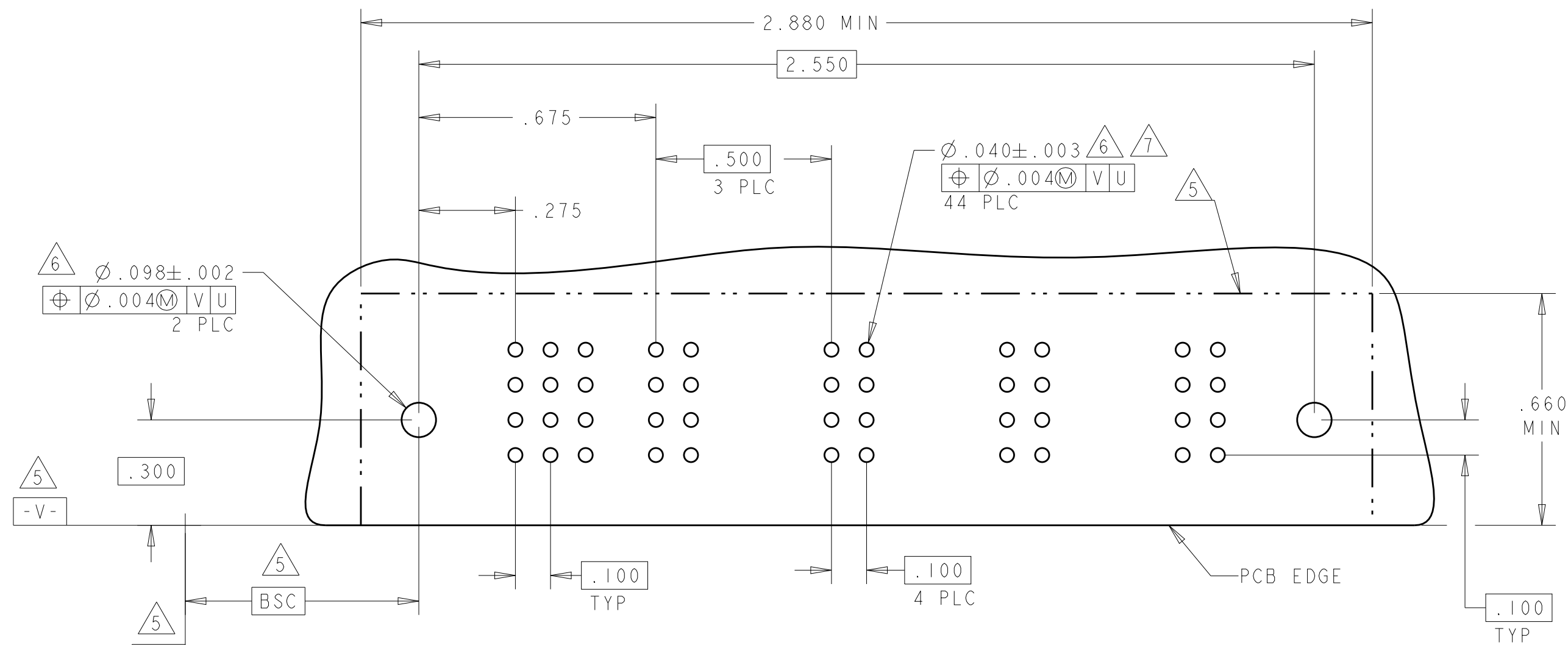
PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	

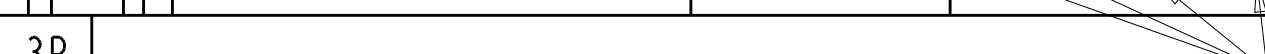
CODE	MATING SEQUENCE	TAIL LENGTH	ROW
SIGNAL CONTACT			



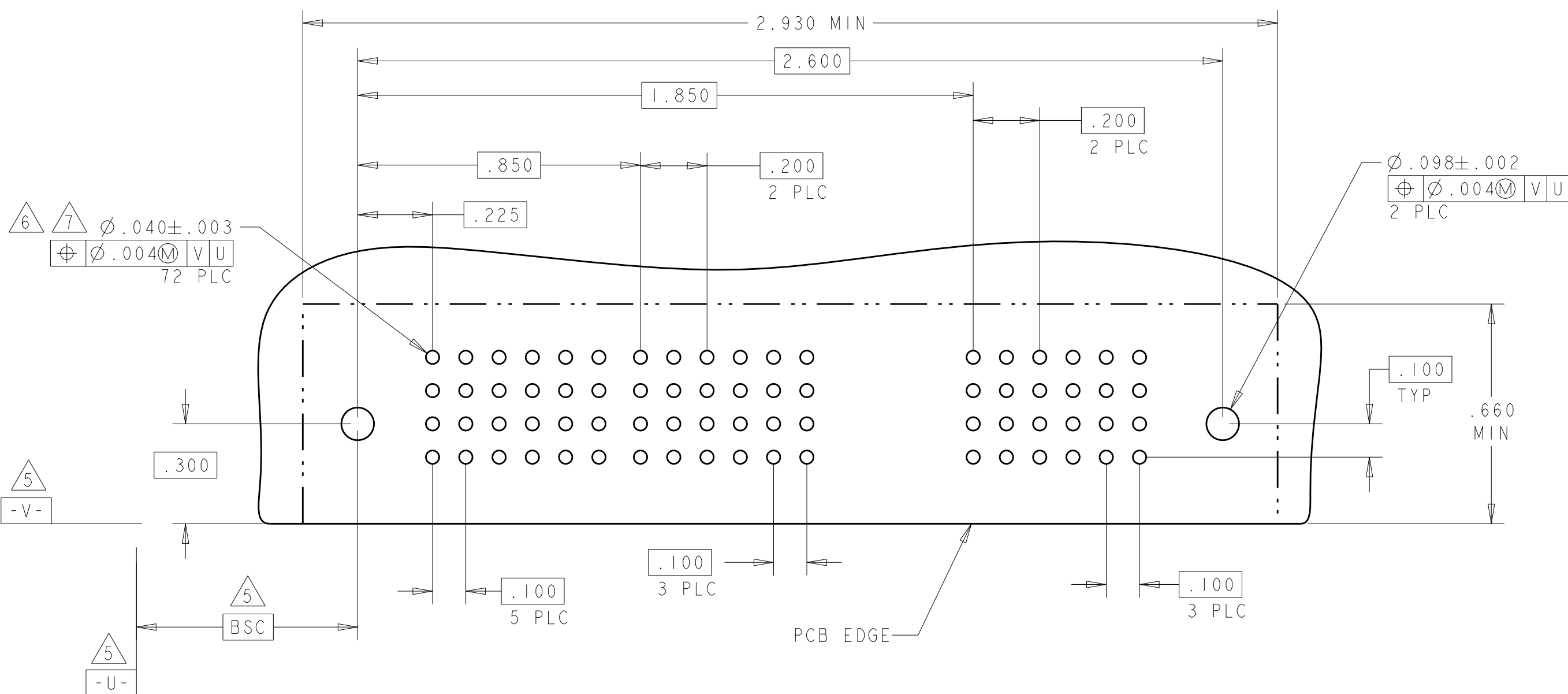
PART NUMBER	ROWS		SIGNAL			POWER								
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1-6450131-1	D C B A		J	J	J	PM		PM		PM		PM		
			K	K	K									
			N	N	N									
			S	S	S									
12S + 7P			NO											

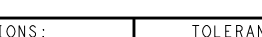
-NO CONTACTS LOADED



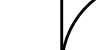
PART NUMBER	ROWS		SIGNAL						POWER			SIGNAL				POWER						
			1	2	3	4	5	6	P1	P2	P3	7	8	9	10	P4	P5	P6				
1-6450131-3	D		J	J	J	J	J	E														
	K		K	K	K	K	K	PM										PM	PM	PM	PM	PM
	N		N	N	N	N	N	PM										PM	PM	PM	PM	PM
	H		S	S	S	S	S	PM										PM	PM	PM	PM	PM
24S + 3P + 16S + 3P			 NO CONTACTS LOADED																			

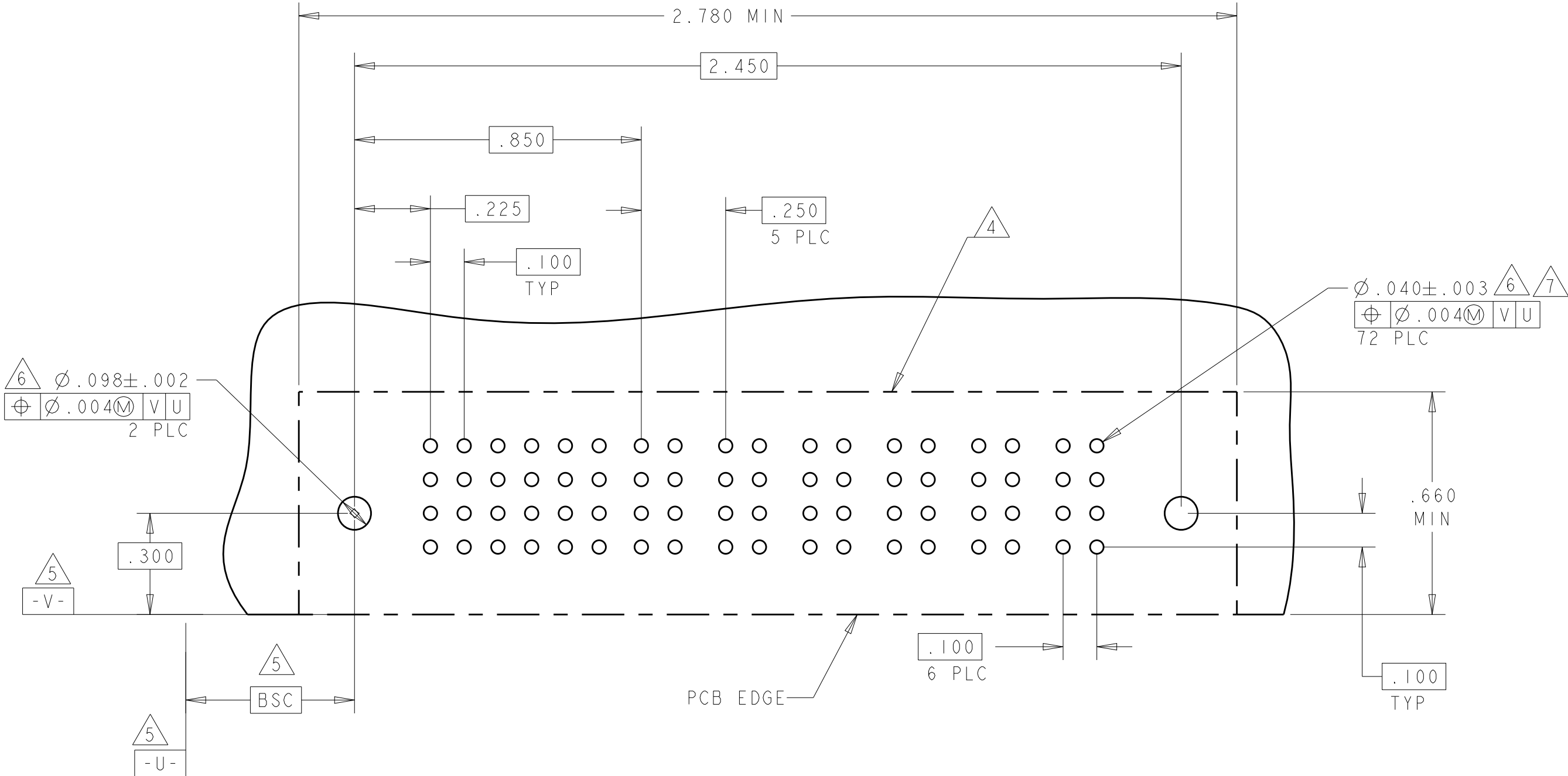
—NO CONTACTS LOADED



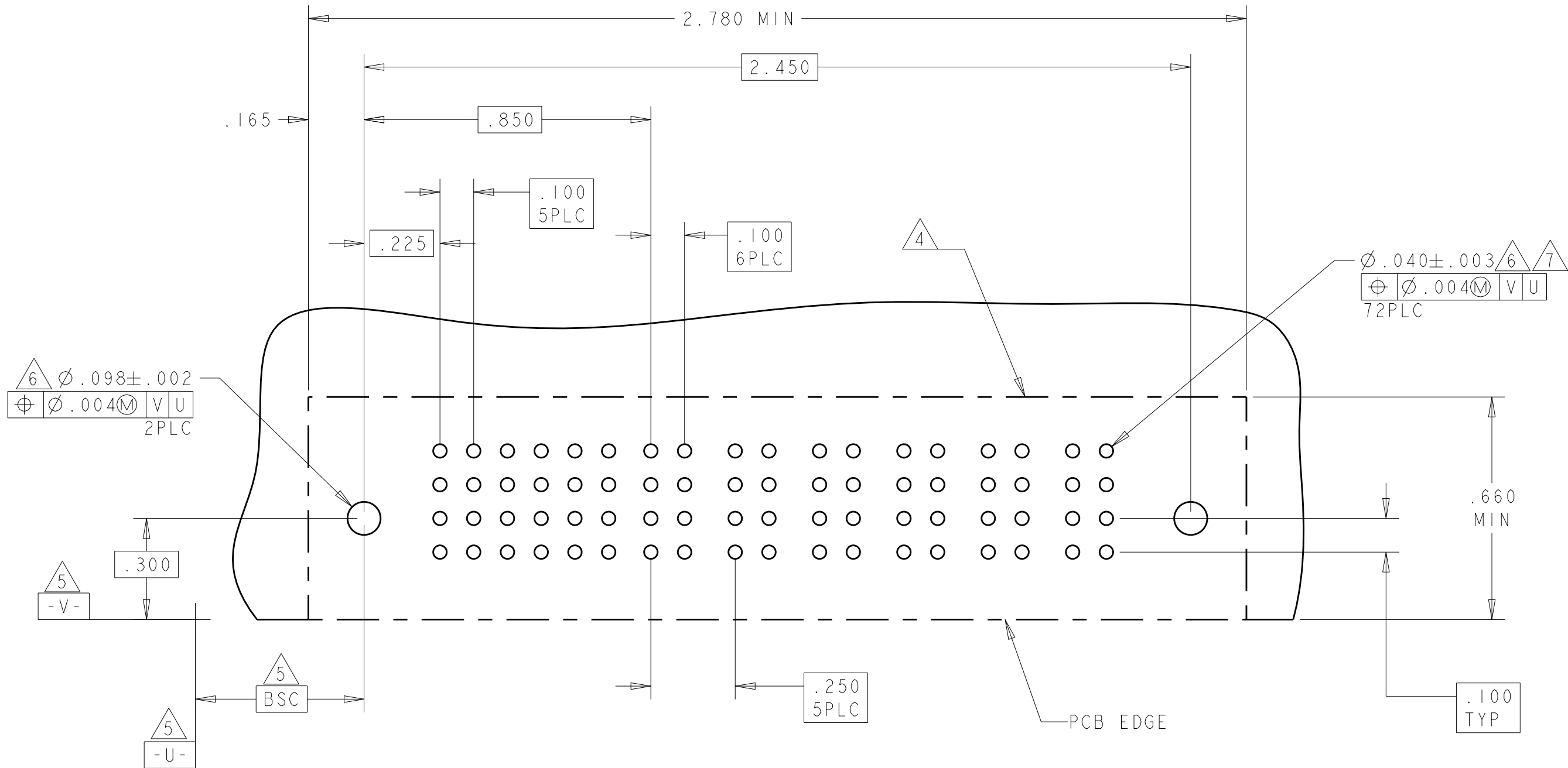
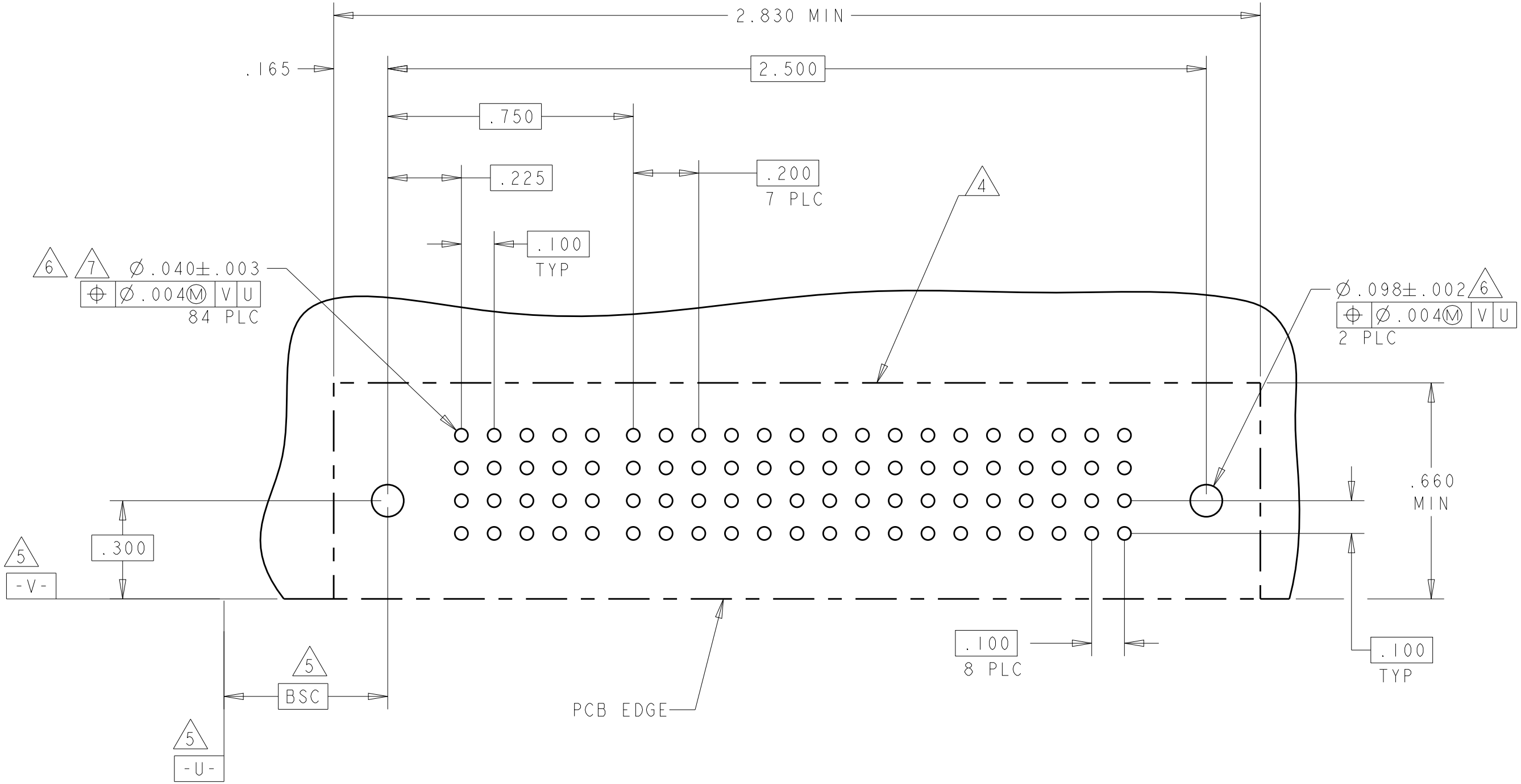
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: GRZYBOWSKI 13FB05 CHK: M. PERCHERNE 13FB05 APP'D: M. PERCHERNE		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±°		NAME: RIGHT ANGLE HEADER ASSY SOLDER CONTACTS, W/GUIDES MULTI-BEAM XL	
		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -		SIZE: CAGE CODE: DRAWING NO: 1100779 © 6450131	
MATERIAL: - FINISH: -		CUSTOMER DRAWING: -		RESTRICTED TO: - SCALE: 1:1 SHEET 4 OF 9 REV: E	

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

PART NUMBER	ROWS		SIGNAL						POWER						
			1	2	3	4	5	6	P1	P2	P3	P4	P5	P6	
I-6450131-4	D		J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	
	K		K	K	K	K	K								
	N		N	N	G	N	N								
	S		S	S	H	S	S								
24S + 6P															



PART NUMBER	ROWS		SIGNAL					POWER								
			1	2	3	4	5	P1	P2	P3	P4	P5	P6	P7	P8	
I-6450131-5	D		J	J	J	J	J									
	C		K	K	K	K	K									
	B		N	G	N	N	N									
	A		S	S	S	S	S									
20S + 8P																



PART NUMBER	ROWS		SIGNAL						POWER											
			1	2	3	4	5	6	P1	P2	P3	P4	P5	P6						
I-6450131-6	D		J	J	J	J	J	E												
	K		K	K	K	K	K	PM								PM	PM	PM	PM	PM
	N		N	N	N	N	N													
	H		S	S	S	S	S													
24S + 6P																				

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

15FEB05
15FEB05

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.002
ANGLES ±.2°
FINISH

MATERIAL

-

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

SCALE 1:1

NAME

RIGHT ANGLE HEADER ASSY
SOLDER CONTACTS, W/GUIDES
MULTI-BEAM XL

SIZE

A1

CAGE CODE

00779

DRAWING NO

6450131

RESTRICTED TO

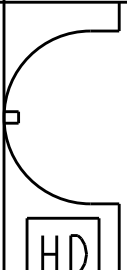
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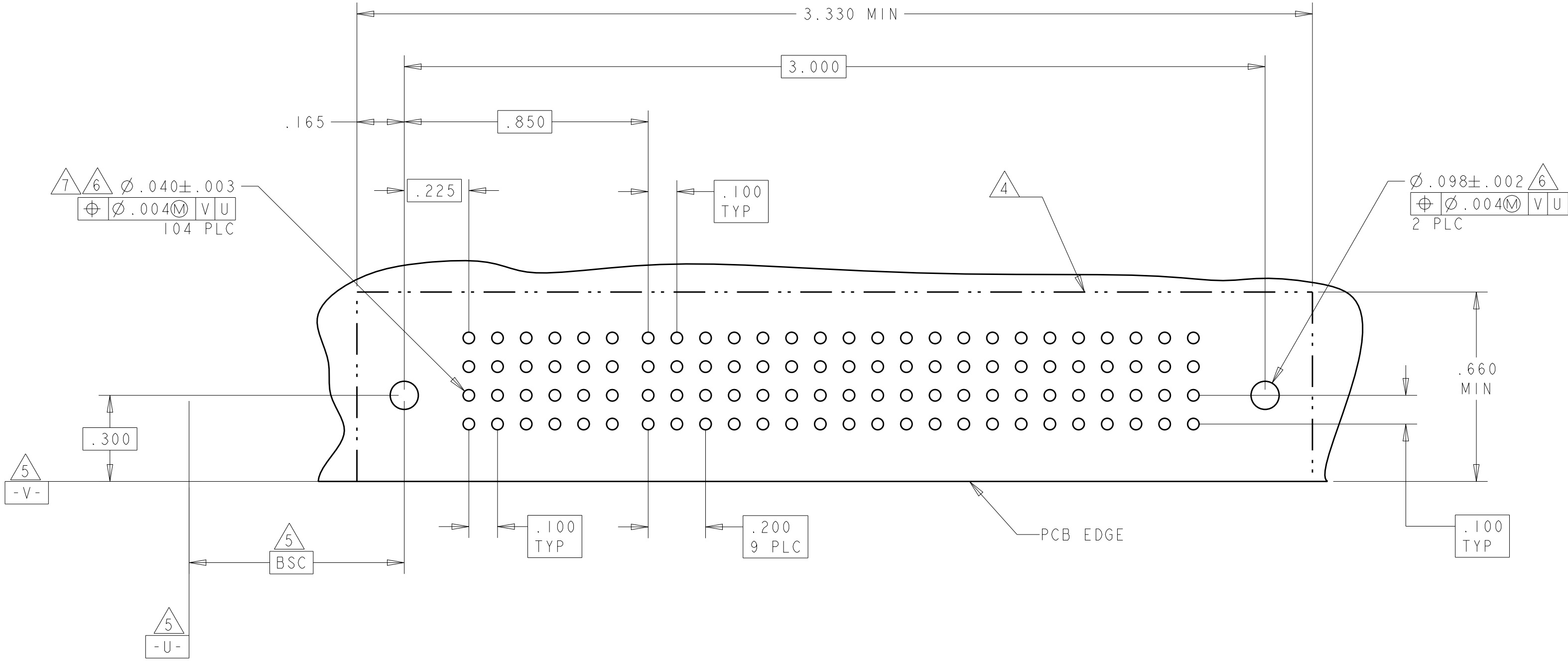
SHEET 5 OF 9

REV E

TE Connectivity

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

PART NUMBER	ROWS		SIGNAL						POWER										
			1	2	3	4	5	6	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	
I-6450131-7	D C B A		J	J	J	J	J	J											
			K	K	K	F	K	K											
			N	N	N	N	N	N											
			S	S	S	S	S	S											
24S + 10HDP																			



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

R. GRZYBOWSKI

15FEB05

CHK

M. PERCHERKE

15FEB05

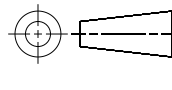
APVD

M. PERCHERKE

-

DIMENSIONS:

INCHES



0 PLC

±

1 PLC

±.01

2 PLC

±.005

3 PLC

±.0020

4 PLC

±.0020

ANGLES

#2°

FINISH

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

±

1 PLC

±.01

2 PLC

±.005

3 PLC

±.0020

4 PLC

±.0020

ANGLES

#2°

FINISH

-

MATERIAL

-

WEIGHT

-

CUSTOMER DRAWING

NAME

RIGHT ANGLE HEADER ASSY
SOLDER CONTACTS, W/GUIDES
MULTI-BEAM XL

SIZE

A1

CAGE CODE

100779

DRAWING NO

6450131

RESTRICTED TO

-

TE Connectivity

SCALE

1:1

SHEET

6

OF

9

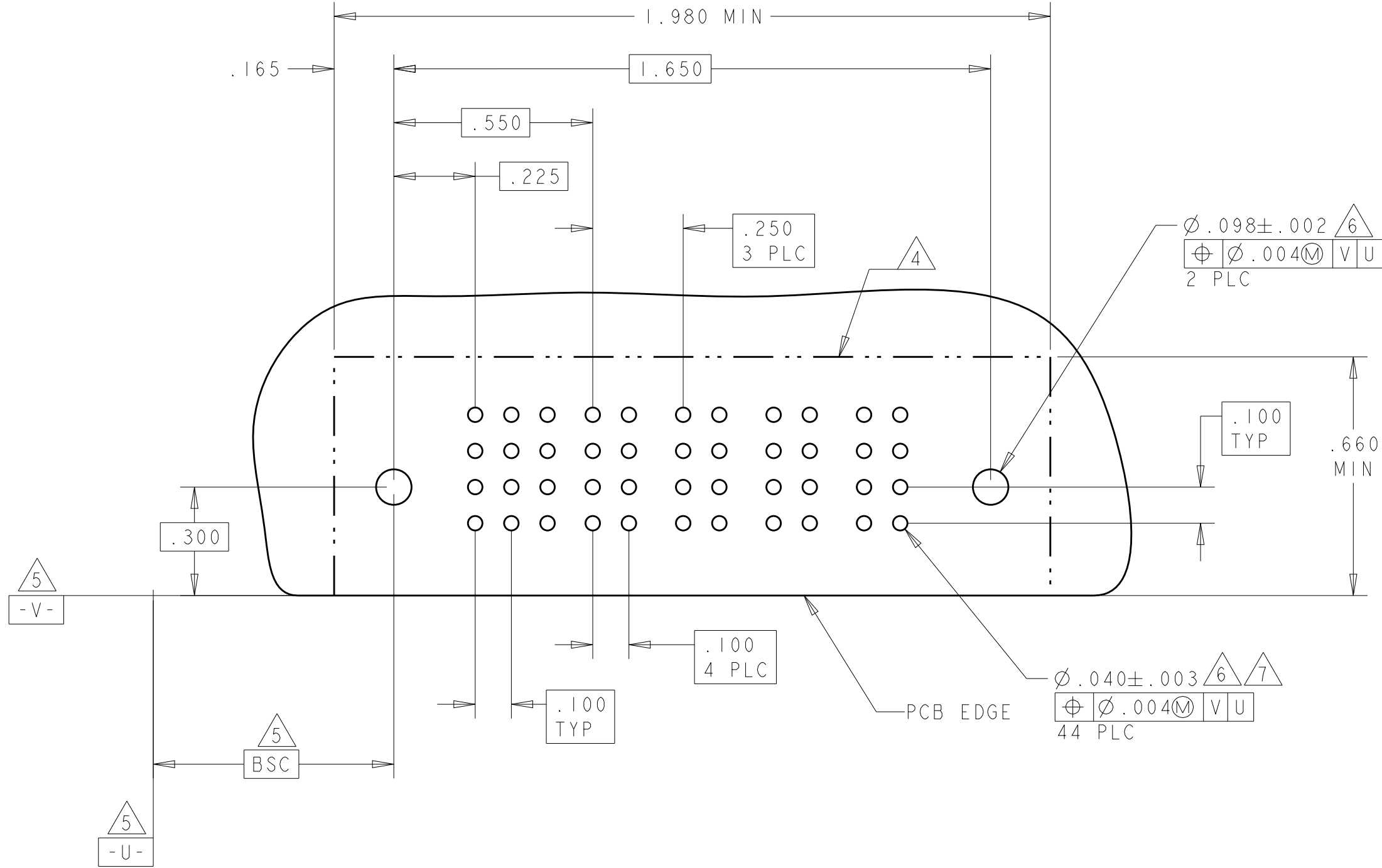
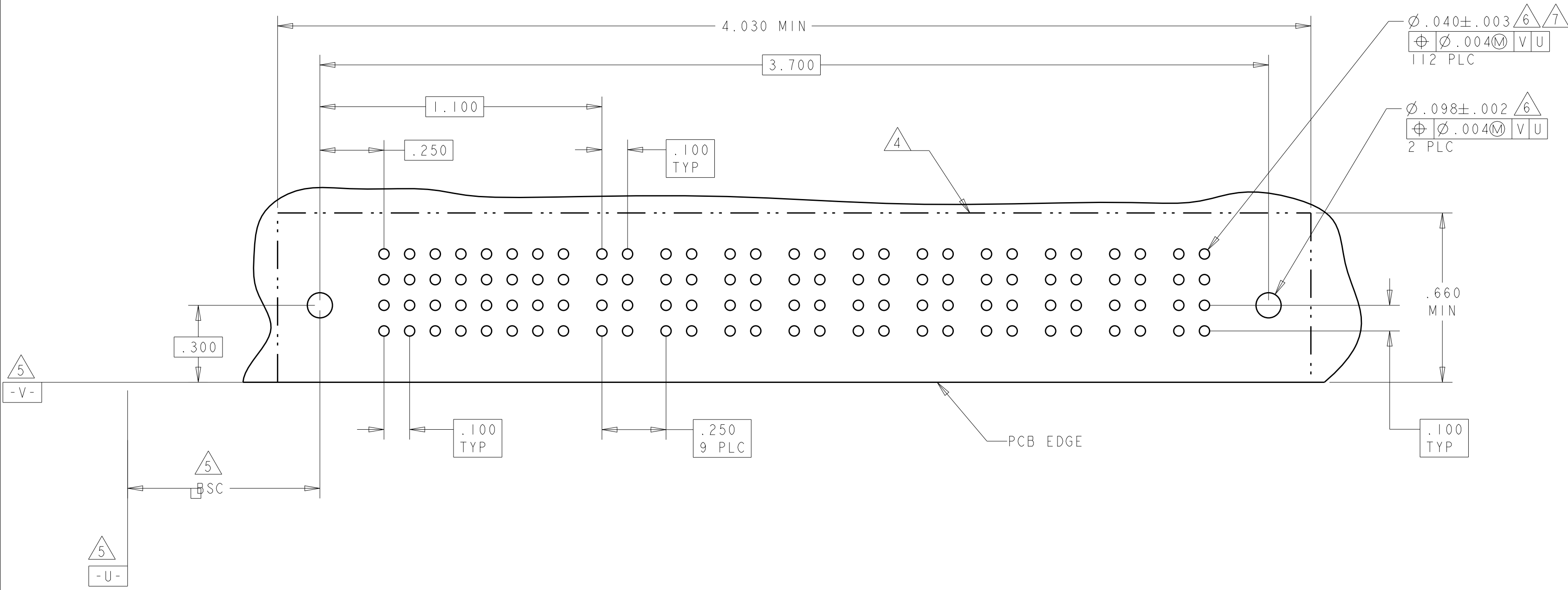
REV

E9

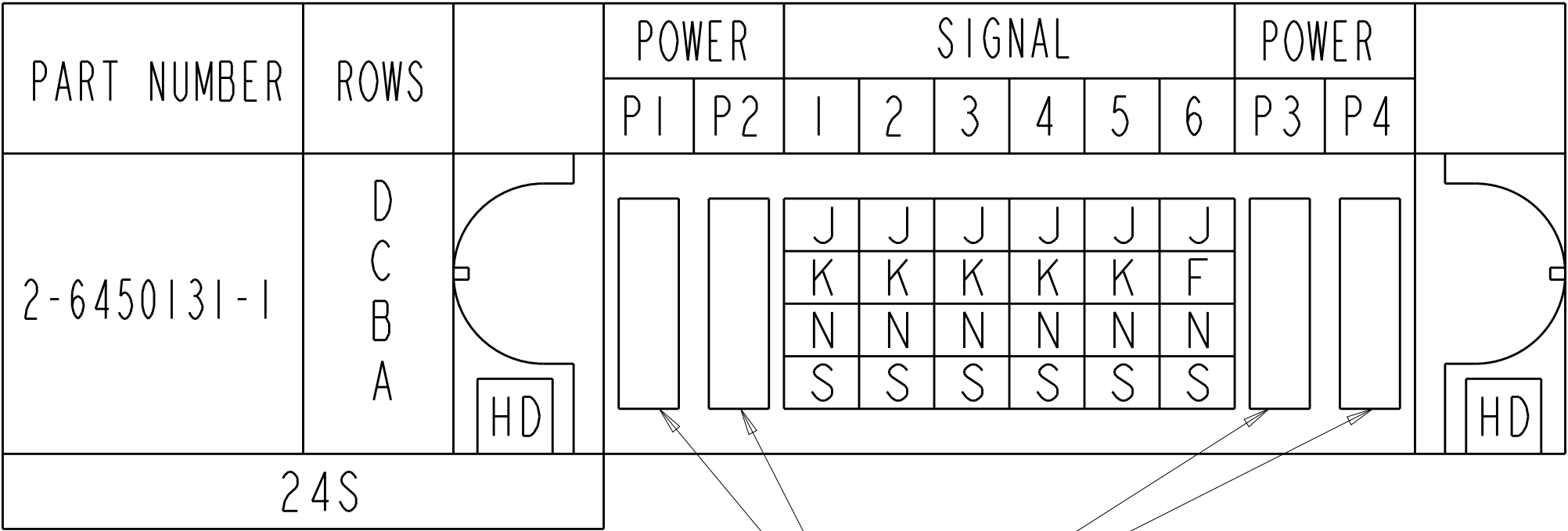
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		SIGNAL								POWER											
			1	2	3	4	5	6	7	8	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10		
I-6450131-8	D		J	J	J	J	J	J	J	J												
	C		K	K	K	F	F	K	K	K												
	B		N	N	N	G	G	N	N	N		N										
	A		S	S	S	S	S	S	S	S		S										
32S + 10P																						

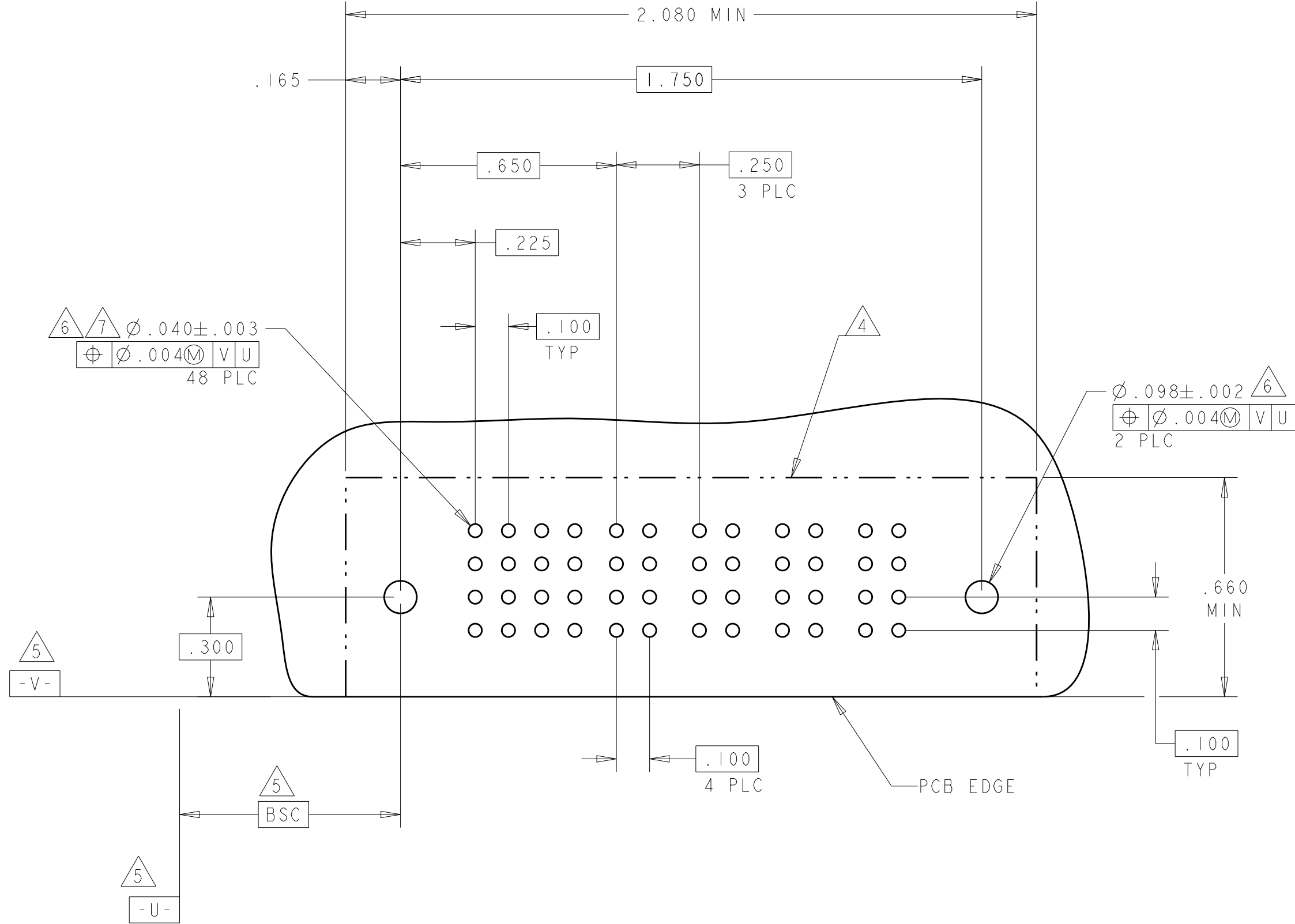
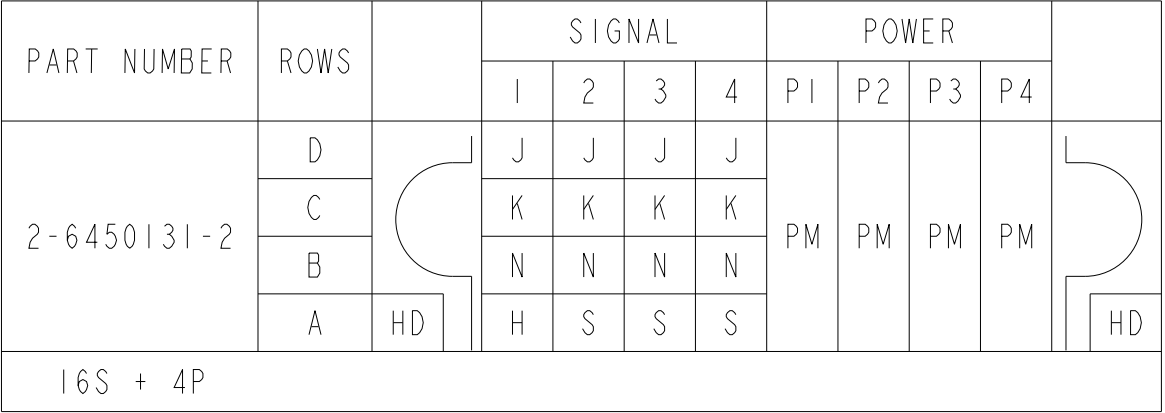
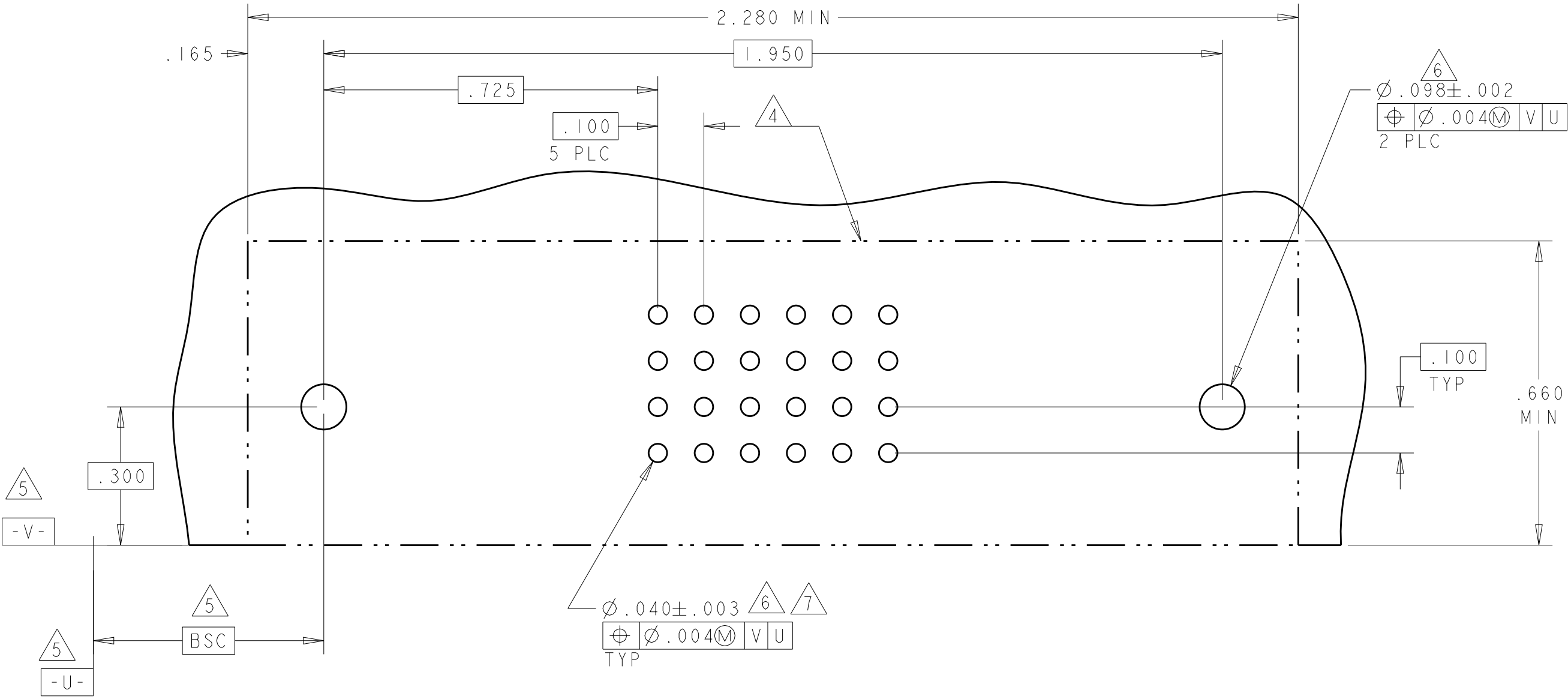
PART NUMBER	ROWS		SIGNAL			POWER				
			1	2	3	P1	P2	P3	P4	
I-6450131-9	D		J	FJ	FJ	PM	PM	PM	PM	
	C		K	K	K					
	B		N	N	N					
	A		H	H	S					
12S + 4P										



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

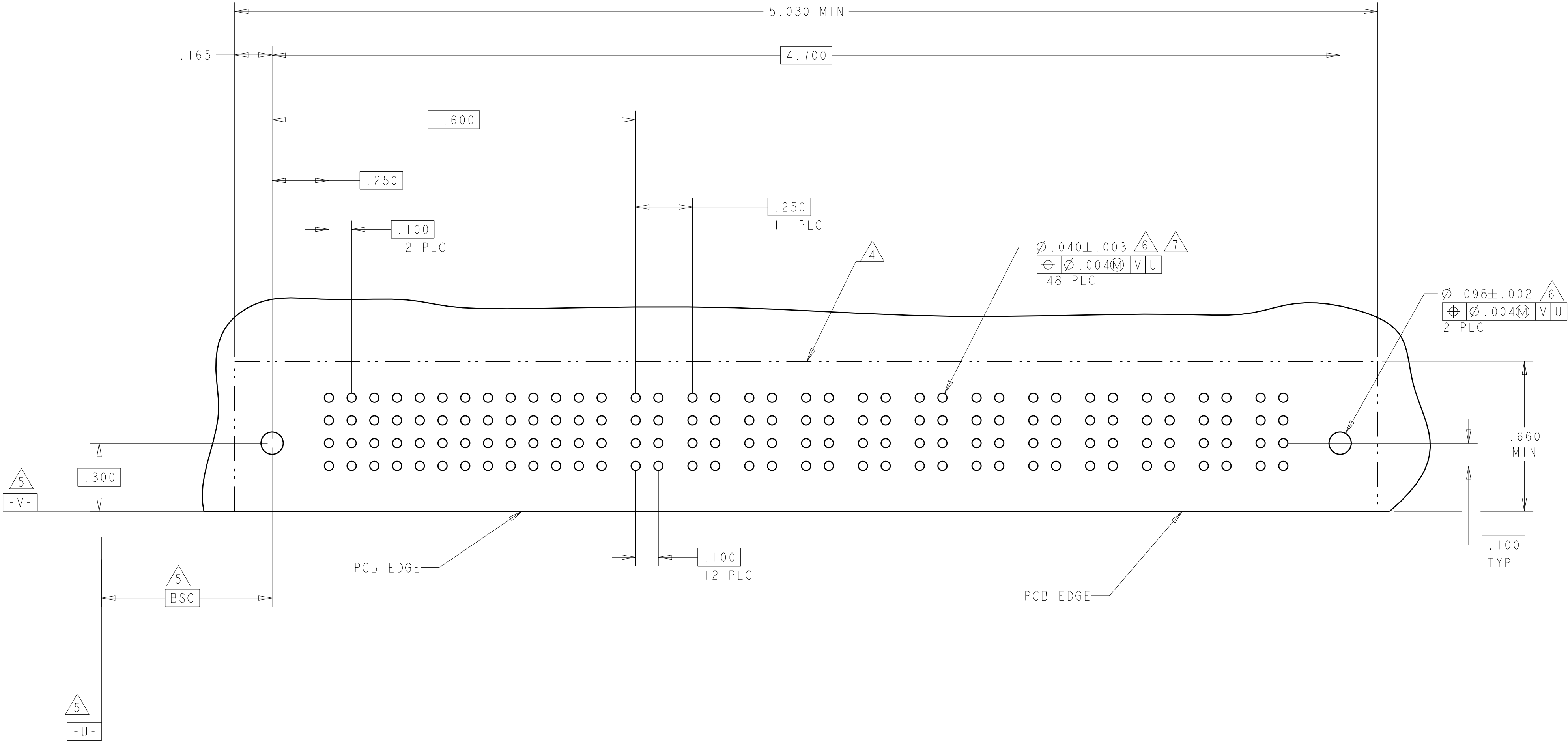


NO CONTACT LOADED



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

PART NUMBER	ROWS		SIGNAL													POWER													
			1	2	3	4	5	6	7	8	9	10	11	12	13	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12		
2-6450131-3	D		J	J	J	J	J	J	J	J	J	J	J	J		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM		
	K		K	K	K	K	F	F	K	K	K	K	K	K															
	N		N	N	N	N	G	G	N	N	N	N	N	N		N													
	S		S	S	S	S	S	S	S	S	S	S	S	S		S													
52S + 12P		HD																										HD	



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

R. GRZYBOWSKI

15FEB05

CHK

M. PERCHERKE

15FEB05

APVD

M. PERCHERKE

-

DIMENSIONS:

INCHES

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±"

±.01

±.005

±.0020

#2°

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

NAME

RIGHT ANGLE HEADER ASSY
SOLDER CONTACTS, W/GUIDES
MULTI-BEAM XL

SIZE

A1

CAGE CODE

00779

DRAWING NO

6450131

RESTRICTED TO

-

SCALE

1:1

SHEET

9

OF

9

REV

E9

TE

TE Connectivity