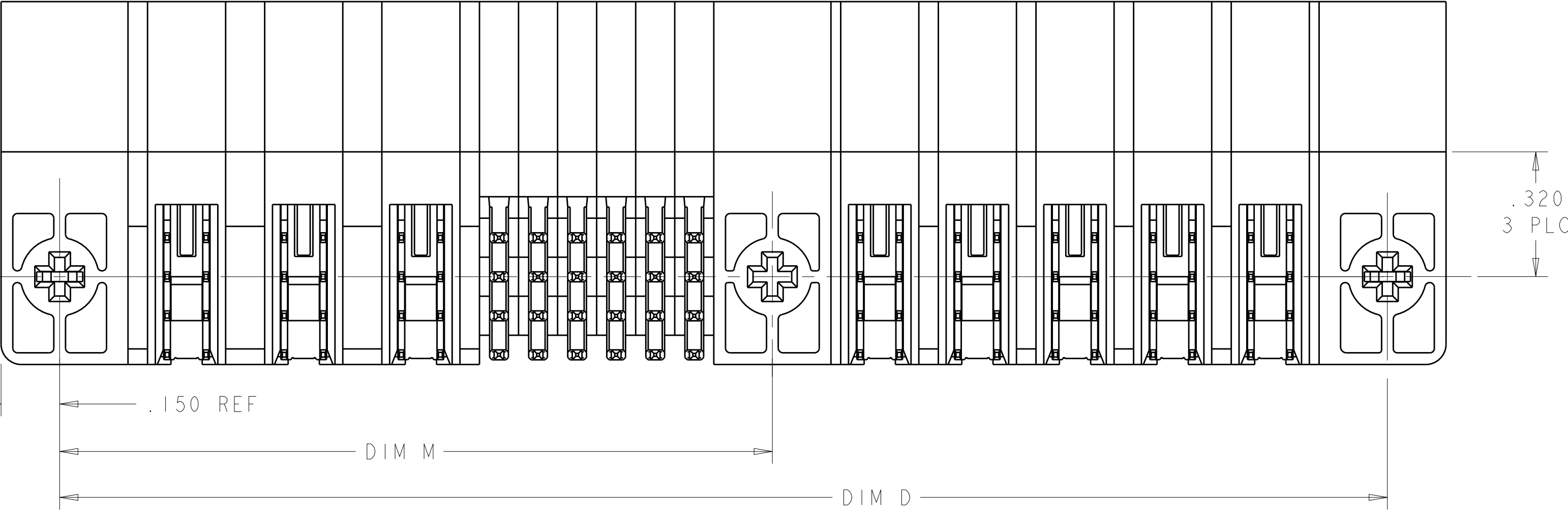
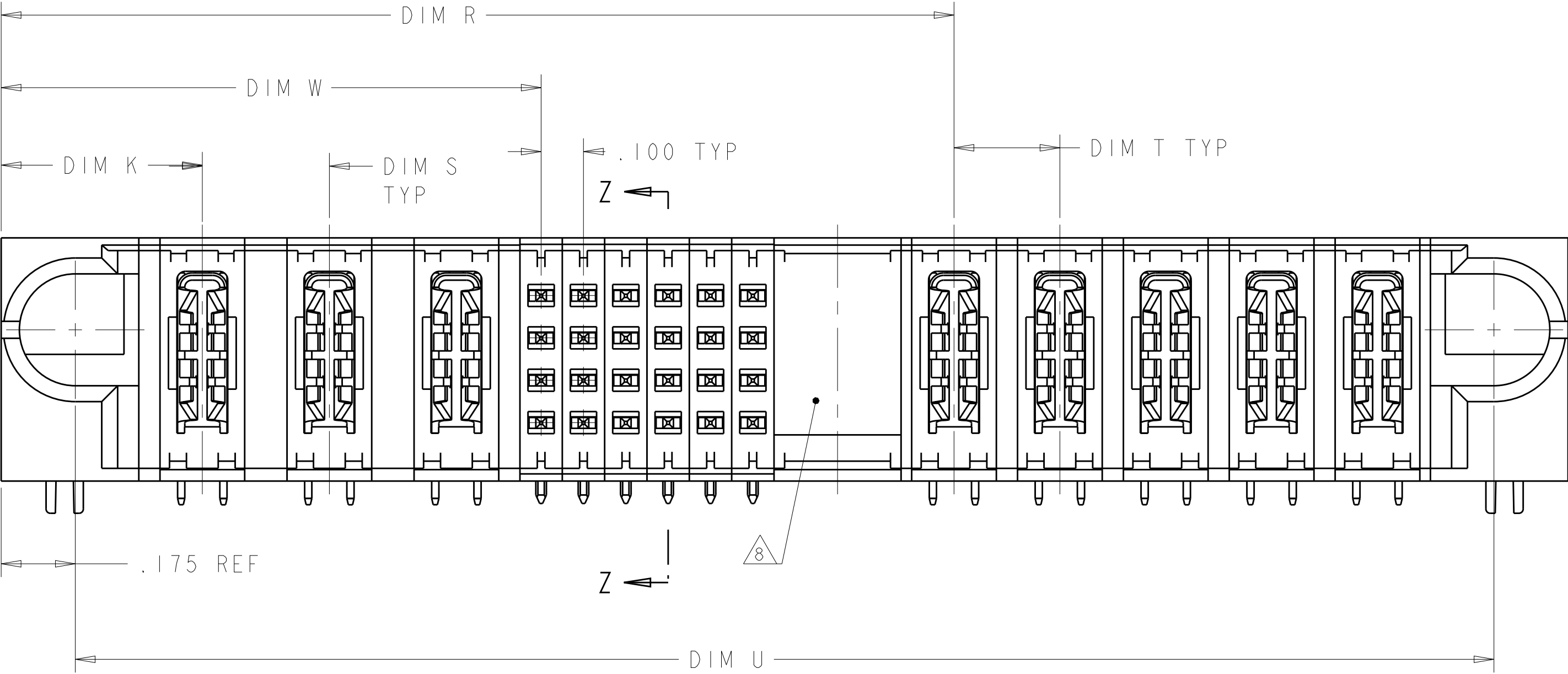
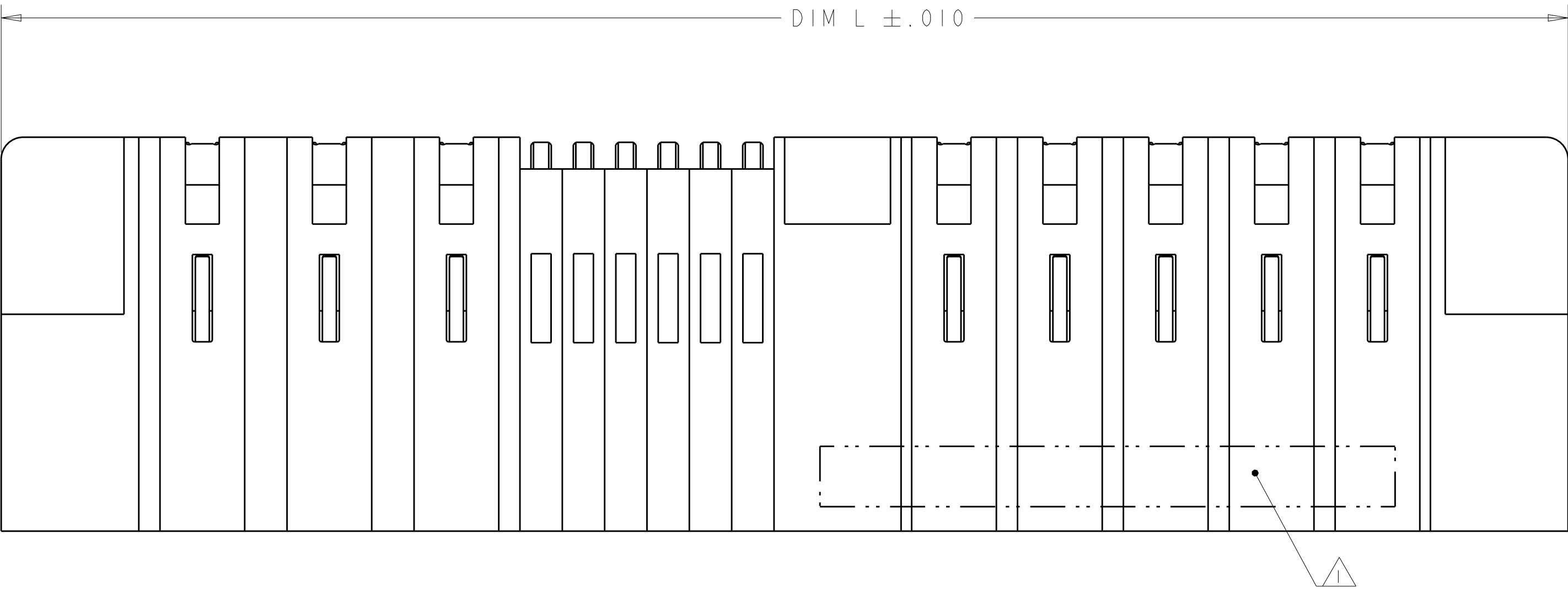
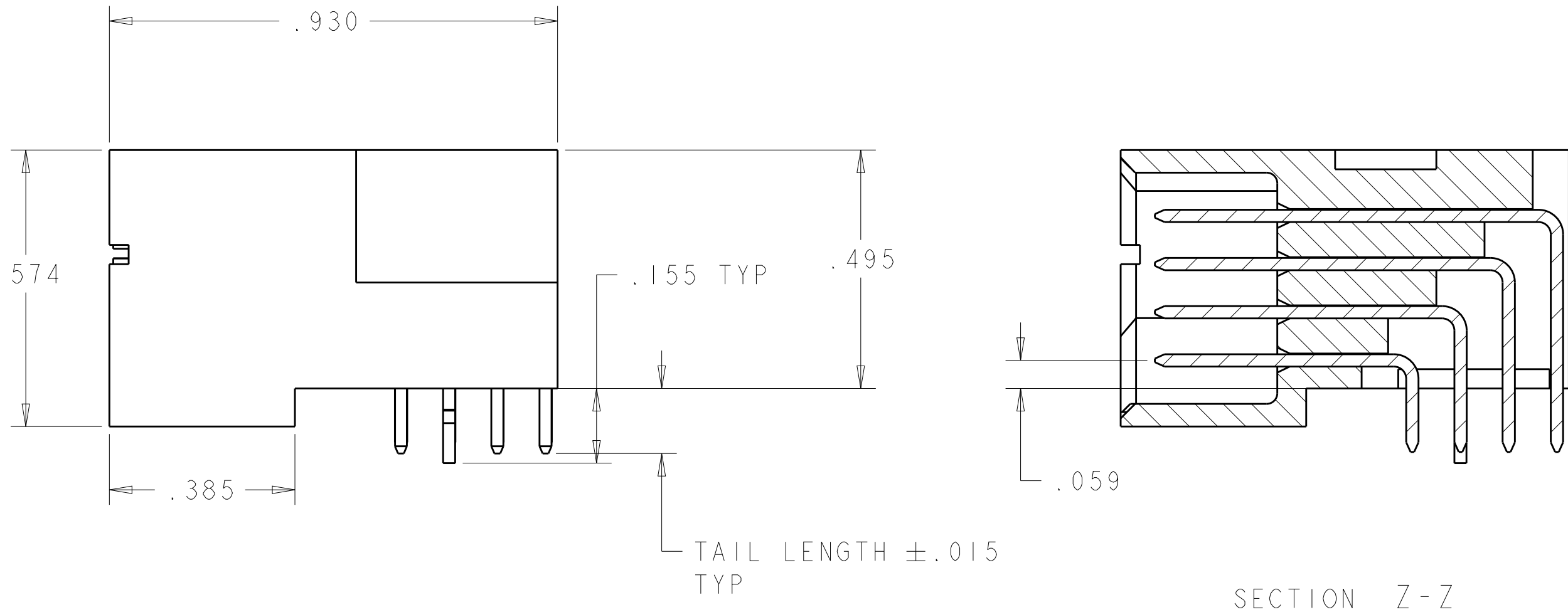


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		M1	ADD NEW DASH NUMBER 7-0	08FEB2014	AL	SZ
			M2	ADD NEW DASH NUMBER	21MAR2014	AL	SZ



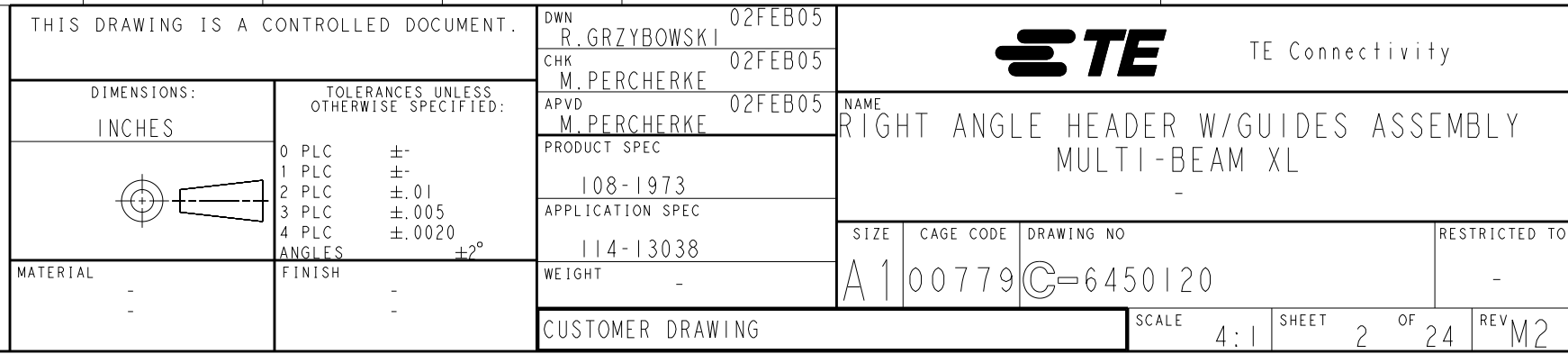
- 1 "AMP" PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN. PARTS UNDER 2.500 LONG MAY BE MARKED ON BOTH SIDES.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL 94 V-0
SIGNAL CONTACT - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
- 3 CONTACT FINISHE:
NOBLE METAL PLATED ON THE CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS.
- 4 MECHANICAL CONNECTOR KEEP OUT ZONE. WHEN PLACING CONNECTORS END-TO-END, ALLOW ADDITIONAL 0.1 CLEARANCE BETWEEN CONNECTORS FOR LATCH ACTIVATION.
- 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 DIA HOLE.
- 8 OPTIONAL CENTER MODULE WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE.



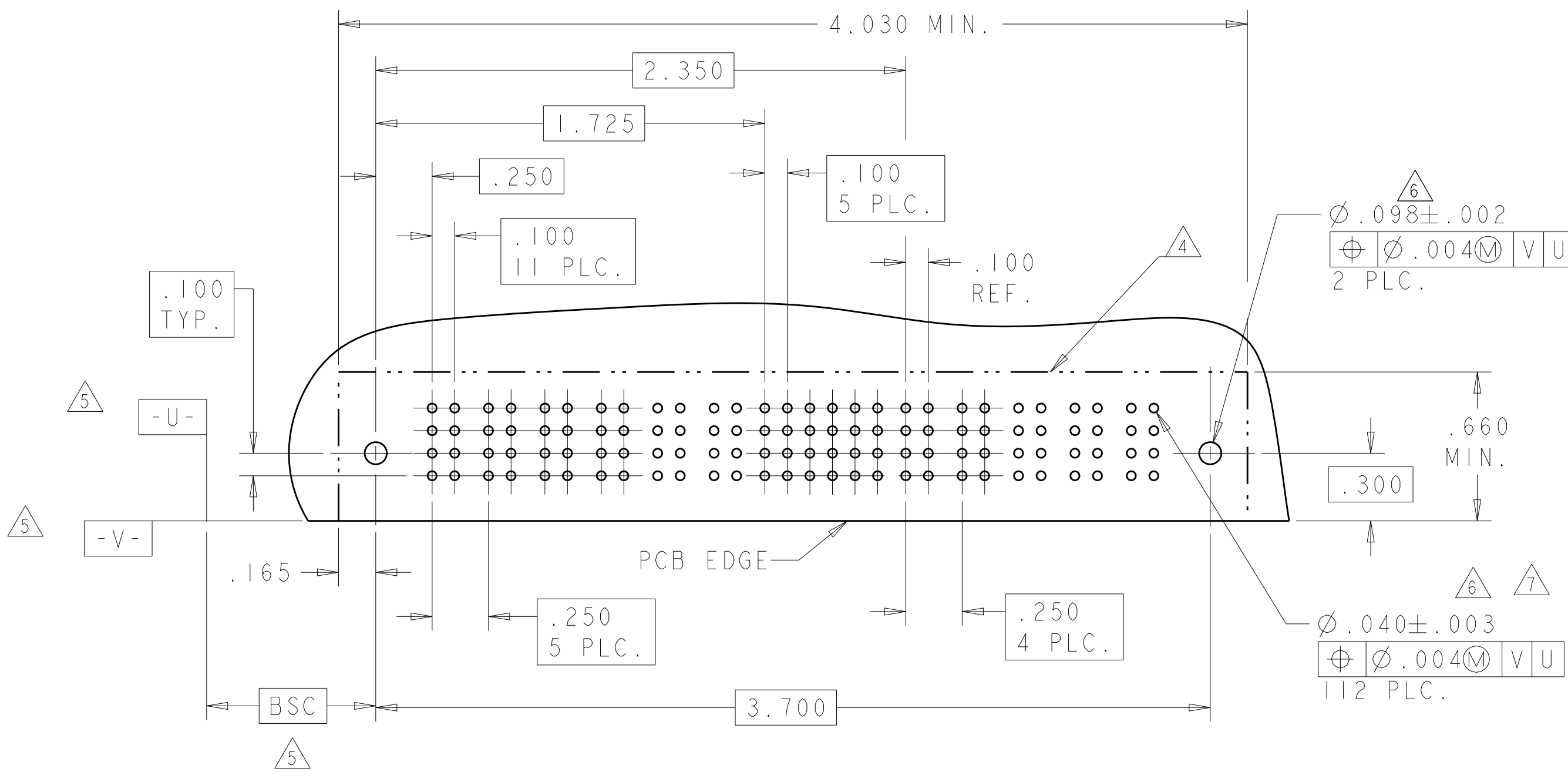
SECTION Z-Z

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	02FEB05	TE Connectivity	
		CHK M.PERCHERKE	02FEB05		
DIMENSIONS: INCHES		APVD M.PERCHERKE	02FEB05	NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL	
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
		0 PLC ±.01		108-1973	
		1 PLC ±.005		APPLICATION SPEC	
		2 PLC ±.0020		114-13038	
MATERIAL		FINISH		WEIGHT	
: 1		: 2		: 3	
CUSTOMER DRAWING		SCALE		SHEET 1 OF 24	
		4:1		REV M2	

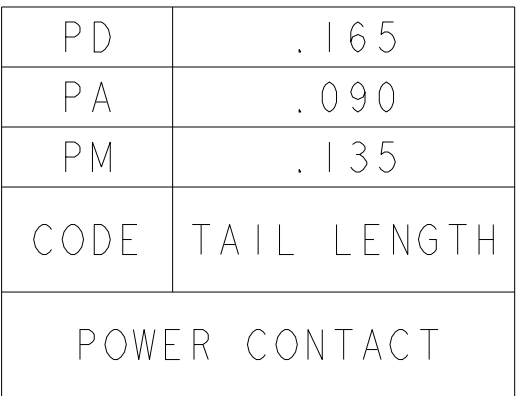
1.700	.250	.250	1.300	.875	1.750	-	2.050	.450	2P+16S+2P	7-6450120-1
2.700	.200	-	2.600	1.425	2.750	-	3.050	.450	5P + 44S + 1P	7-6450120-0
1.100	-	-	1.000	.625	1.150	-	1.450	.450	1P+12S+1P	6-6450120-9
1.000	-	-	.900	.625	1.050	-	1.350	.450	1P + 8S + 1P	6-6450120-8
2.850	.300	.200	2.125	1.825	2.900	-	3.200	.450	7HDP + 8S + 3ACP	6-6450120-7
2.650	.250	.200	1.550	.875	2.700	-	3.000	.450	2P + 24S + 6P	6-6450120-6
2.300	.300	.250	1.950	1.275	2.350	-	2.650	.475	3ACP + 24S + 2P	6-6450120-5
3.100	.250	.250	2.250	1.875	3.150	-	3.450	.450	6P + 12S + 4P	6-6450120-4
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.475	3P + 24S + 3P	6-6450120-1
3.000	.300	.250	1.650	1.325	3.050	-	3.350	.475	3ACP + 8S + 6P	6-6450120-0
1.900	.300	.250	1.550	1.275	1.950	-	2.250	.475	3ACP + 8S + 2P	5-6450120-9
2.800	-	-	-	0.375	2.850	-	3.150	-	100S	5-6450120-8
2.700	.250	.250	2.100	1.125	2.750	-	3.050	.450	3P + 36S + 3P	5-6450120-7
1.100	-	-	1.000	.625	1.150	-	1.450	.450	1P + 12S + 1P	5-6450120-6
3.250	.300	.250	2.525	2.175	3.300	-	3.600	.450	7P + 8S + 3ACP	5-6450120-5
2.400	.250	.250	1.550	.875	2.450	-	2.750	.450	2P + 24S + 4P	5-6450120-3
5.400	.300	.300	2.875	2.175	5.450	-	5.750	.475	6P + 24S + 9P	5-6450120-2
3.800	.250	.300	1.875	1.375	3.850	-	4.150	.450	4P + 16S + 7ACP	5-6450120-0
1.600	.250	.250	1.250	.875	1.650	-	1.950	.450	2P + 12S + 2P	4-6450120-9
2.900	.250	.250	2.050	1.375	2.950	-	3.250	.450	4P + 24S + 4P	4-6450120-8
1.900	.250	.250	1.550	0.875	1.950	-	2.250	.450	2P + 24S + 2P	4-6450120-7
2.000	.250	.250	1.400	1.125	2.050	-	2.350	.450	3P + 8S + 3P	4-6450120-6
2.900	.250	.250	3.550	2.875	5.950	-	6.250	.450	10P + 24S + 10P	4-6450120-5
3.700	.200	.300	2.700	2.025	3.750	-	4.050	.450	8P + 24S + 4ACP	4-6450120-4
2.900	.300	.250	2.050	1.575	2.950	-	3.250	.475	4ACP+16S+4P	4-6450120-3
4.375	.250	.300	3.375	2.375	4.425	3.100	4.725	.450	8P + 24S + 1M + 4ACP	4-6450120-2
4.100	.300	.250	2.250	1.575	4.150	-	4.450	.475	4ACP + 24S + 8P	4-6450120-0
3.800	.250	.250	3.450	.875	3.850	-	4.150	.450	2P + 100S + 2P	3-6450120-6
4.600	.250	.250	3.250	1.875	4.650	-	4.950	.450	6P + 52S + 6P	3-6450120-5
5.100	.250	.250	3.500	2.175	5.150	-	5.450	.450	7P + 48S + 7P	3-6450120-4
3.500	.250	.300	2.775	2.375	3.550	-	3.850	.450	8P + 12S + 3ACP	3-6450120-3
4.000	.200	.200	2.700	1.825	4.050	-	4.350	.450	7HDP + 32S + 7HDP	3-6450120-0
3.900	.250	.250	2.550	1.875	3.950	-	4.250	.450	6P + 24S + 6P	2-6450120-7
5.200	.300	.250	2.350	1.625	5.250	-	5.550	.475	4ACP + 24S + 12P	2-6450120-6
2.500	.250	.250	2.150	1.425	2.550	-	2.850	.450	4P + 24S + 2P	2-6450120-5
3.600	.250	.250	2.500	1.625	3.650	-	3.950	.450	5P + 32S + 5P	2-6450120-4
2.500	.250	.250	2.150	.875	2.550	-	2.850	.450	2P + 48S + 2P	2-6450120-3
4.500	.300	.250	1.650	.975	4.550	-	4.850	.475	2ACP + 24S + 12P	2-6450120-2
2.850	.250	.250	2.000	1.125	2.900	-	3.200	.450	3P + 32S + 4P	2-6450120-1
3.950	.200	.250	2.125	1.025	4.000	-	4.300	.425	3P + 40S + 8P	2-6450120-0
1.400	-	-	1.300	.625	1.450	-	1.750	.450	1P + 24S + 1P	1-6450120-6
2.000	.300	.300	1.575	.975	2.050	-	2.350	.475	2P + 20S + 2P	1-6450120-4
1.200	-	-	1.100	.625	1.250	-	1.550	.450	1P + 16S + 1P	1-6450120-3
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	1-6450120-2
2.675	.200	.200	2.375	1.650	2.725	-	3.025	.450	5P + 24S + 2P	1-6450120-1
4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	1-6450120-0
4.150	.250	.250	2.800	2.125	4.200	-	4.500	.450	7P + 24S + 6P	6450120-9
2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	6450120-8
3.050	.300	.250	1.950	1.275	3.100	-	3.400	.475	3ACP + 24S + 5P	6450120-7
7.400	.250	.250	5.050	2.875	7.450	-	7.750	.450	10P + 84S + 10P	6450120-6
4.350	.250	.250	3.000	2.125	4.400	-	4.700	.450	7P + 32S + 6P	6450120-5
3.650	.250	.250	2.550	1.875	3.700	-	4.000	.450	6P + 24S + 5P	6450120-4
2.900	.250	.250	1.800	1.125	2.950	-	3.250	.450	3P + 24S + 5P	6450120-3
1.900	.250	.250	1.550	0.875	1.950	-	2.250	.450	2P + 24S + 2P	6450120-2
5.100	.250	.250	3.250	2.375	5.150	-	5.450	.450	8P + 32S + 8P	6450120-1
U	S	T	R	W	D	M	L	K	DESCRIPTION	PART NUMBER



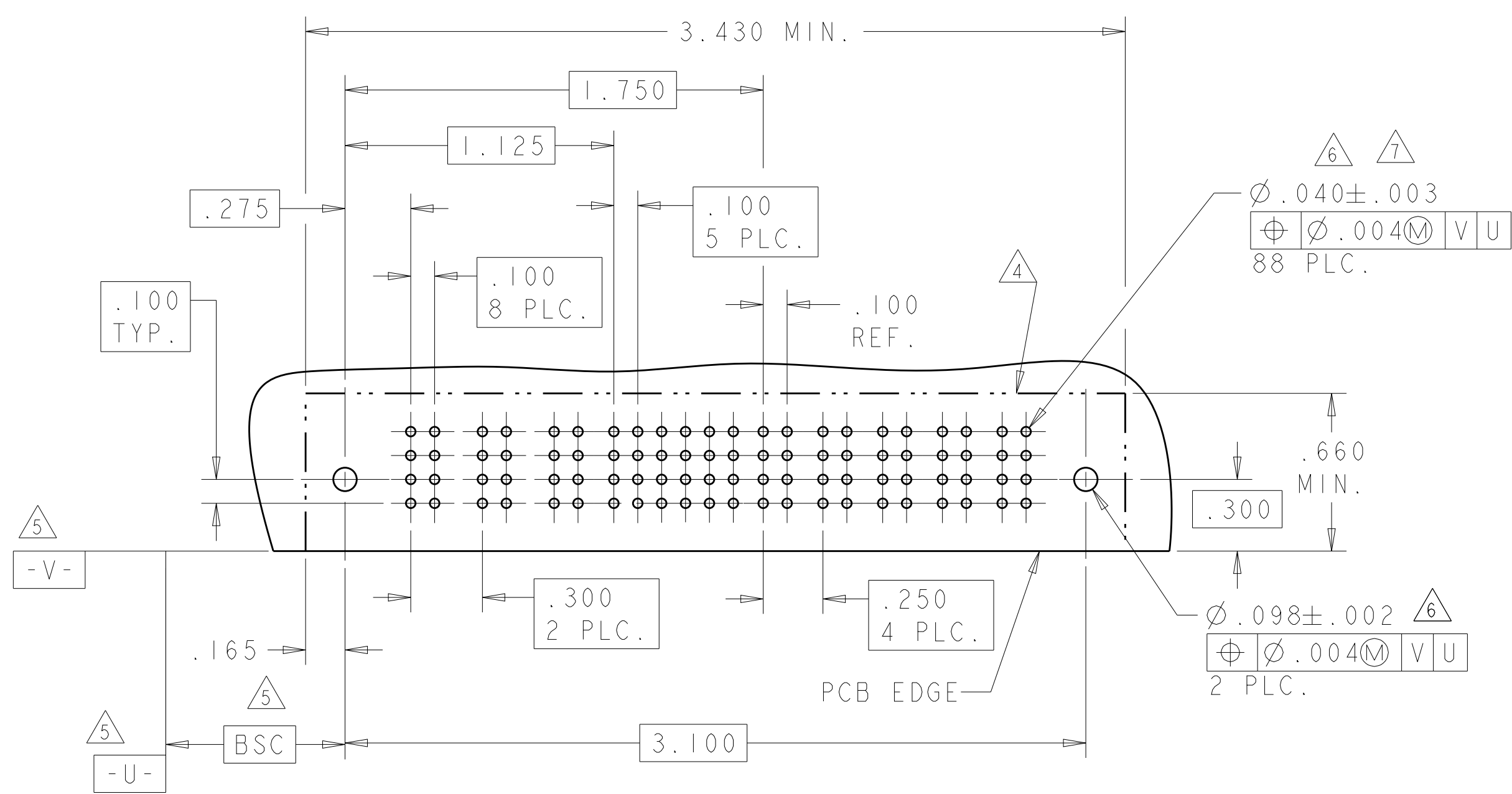
PART NUMBER	ROWS		POWER						SIGNAL						POWER						
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	P11		
6450120-4	D C B A							J	J	J	J	J	J								
								K	K	K	K	K	K								
								N	N	N	N	N	N								
								S	S	S	S	S	S								
6P + 24S + 5P																					



H	MLBF	.135	A
G	MLBF	.135	B
F	MLBF	.135	C
E	MLBF	.135	D
L4	STD	.165	D
L3	STD	.165	B
L2	STD	.165	C
L1	STD	.165	A
Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
F	MLBF	.135	C
G	MLBF	.135	B
J	STD	.135	D
K	STD	.135	C
N	STD	.135	B
S	STD	.135	A
CODE	MATING SEQUENCE	TAIL LENGTH	ROW

4805 (3/11)

PART NUMBER	ROWS		POWER			SIGNAL						POWER					
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	
6450120-7	D C B A		PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	
						K	K	K	K	K	K						
						N	N	N	N	N	N						
						S	S	S	S	S	S						
3ACP + 24S + 5P			HD														HD



7.780 MIN.

4.850

2.725

.250

.100
20 PLC.

.100
20 PLC.

.100 REF.

Ø .040 ± .003
⊕ Ø .004 (M) V U
244 PLC. ⚠ ⚠

.660 MIN.

.300

PCB EDGE

.250
9 PLC.

Ø .098 ± .002
⊕ Ø .004 (M) V U
2 PLC.

.165

.100 TYP.

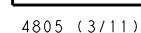
-U- ⚠

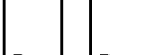
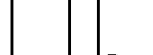
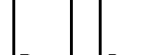
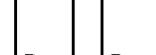
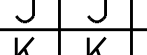
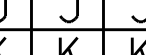
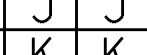
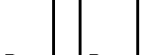
-V- ⚠

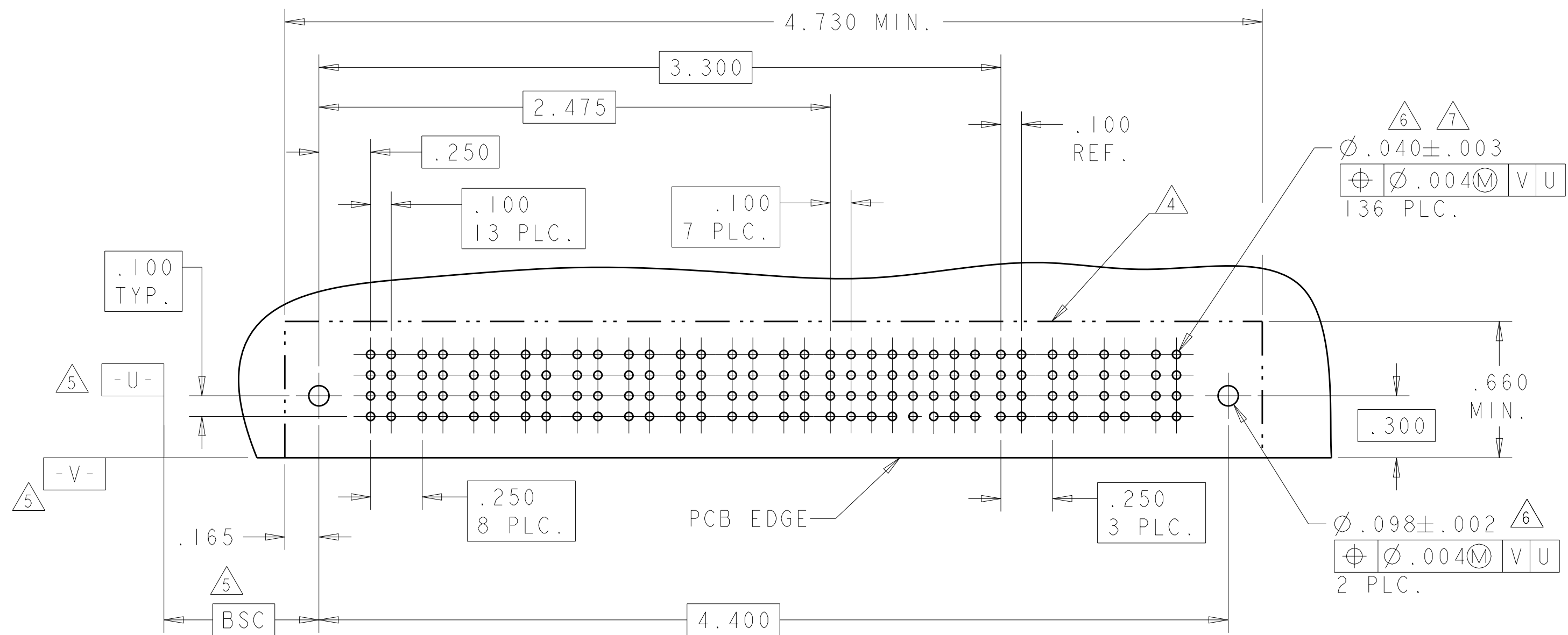
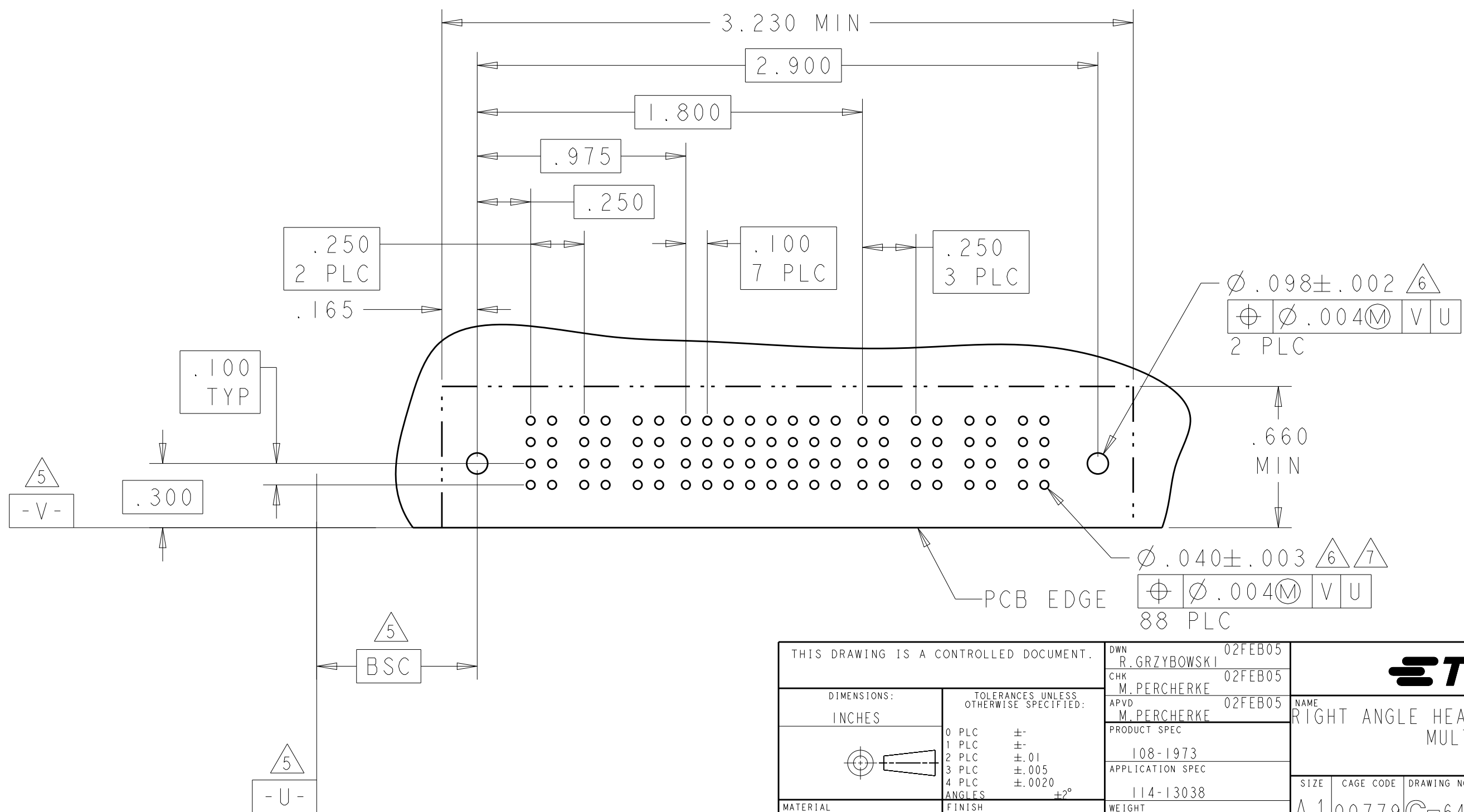
BSC

7.450

⚠



PART NUMBER	ROWS		POWER									SIGNAL								POWER				
			P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	7	8	P10	P11	P12	P13	
1-6450120-0	D C B A																							
9P + 32S + 4P																								

[illegible]4805 (3/11)

.165
 2.175
 1.500
 .850
 .275
 .100
 7 PLC
 .100
 5 PLC
 3.055 MIN
 72 PLC
 $\phi .040 \pm .003$
 $\phi .004 (M)$ V U
 .660 MIN
 .300
 .200
 2 PLC
 .200
 .200
 PCB EDGE
 $\phi .098 \pm .002$
 $\phi .004 (M)$ V U
 2 PLC
 .725
 .100
 7 PLC
 .100
 5 PLC
 .660 MIN
 .300
 .200
 2 PLC
 .200
 .200
 PCB EDGE
 $\phi .098 \pm .002$
 $\phi .004 (M)$ V U
 2 PLC
 .725

2.780 MIN.

1.600

.250 REF

.975

.250

.250
4 PLC

.100
TYP.

-U-

5

-V-

5

.165

PCB EDGE

.100
6 PLC.

.100
5 PLC.

.100
REF.

.660 MIN.

.300

Ø.040 ± .003
⊕ Ø.004(M) V U
72 PLC.

6 7

Ø.098 ± .002
⊕ Ø.004(M) V U
2 PLC

6

BSC

2.450

.165
 1.580 MIN
 1.250
 .900
 .475
 .250
 .100 TYP
 .660 MIN
 .300
 .098 ± .002
 .040 ± .003
 .004 (M) V U
 32 PLC
 2 PLC
 PCB EDGE
 BSC
 .100 3 PLC
 -V-
 -U-

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:
INCHES		
	0 PLC	$\pm .$
	1 PLC	$\pm .$
	2 PLC	$\pm .01$
	3 PLC	$\pm .005$
	4 PLC	$\pm .0020$
	ANGLES	$\pm 2^\circ$
MATERIAL	FINISH	
-	-	

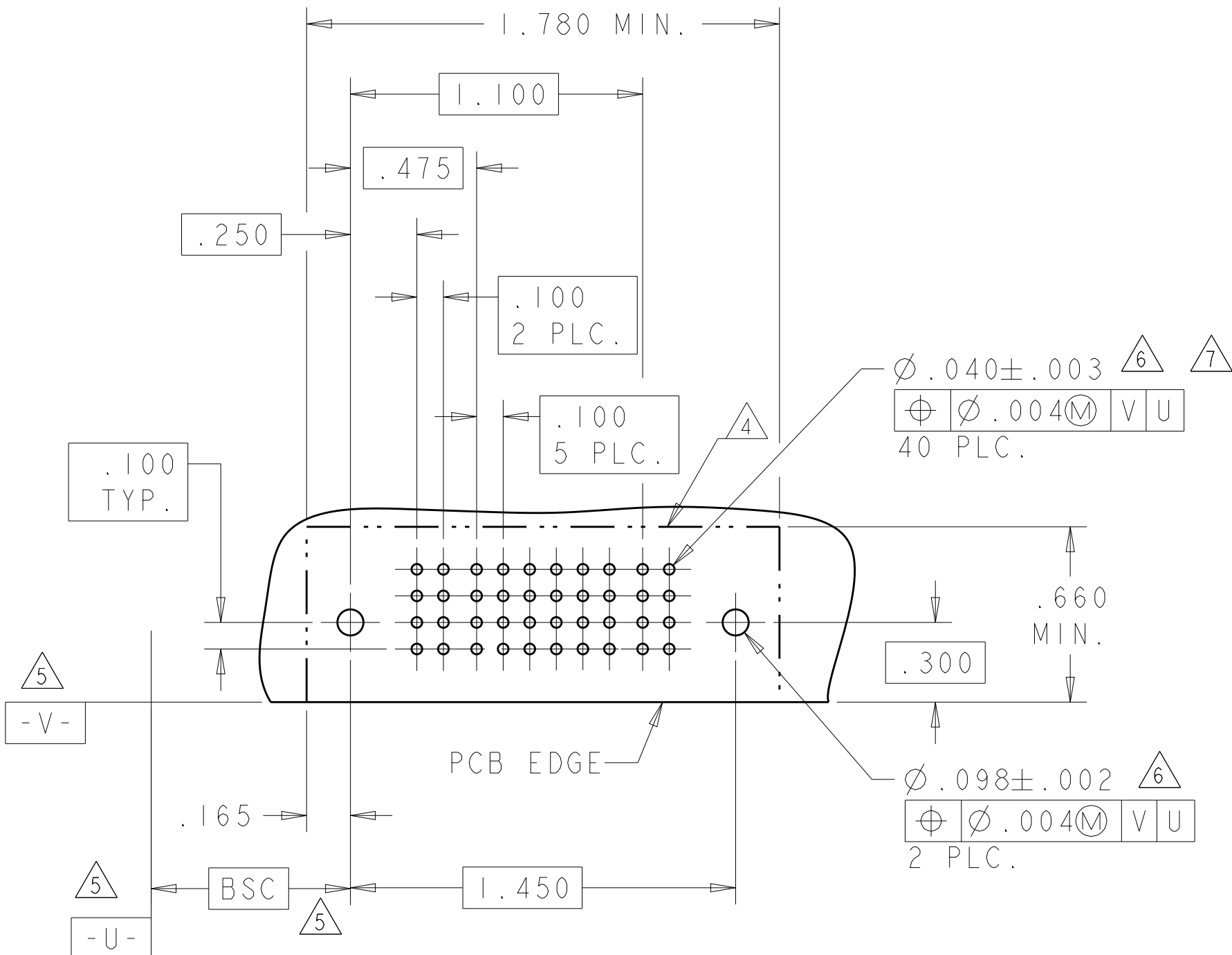
DWN R.GRZYBOWSKI 02FEB05
CHK M.PERCHERKE 02FEB05
APVD W.PERCHERKE 02FEB05

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

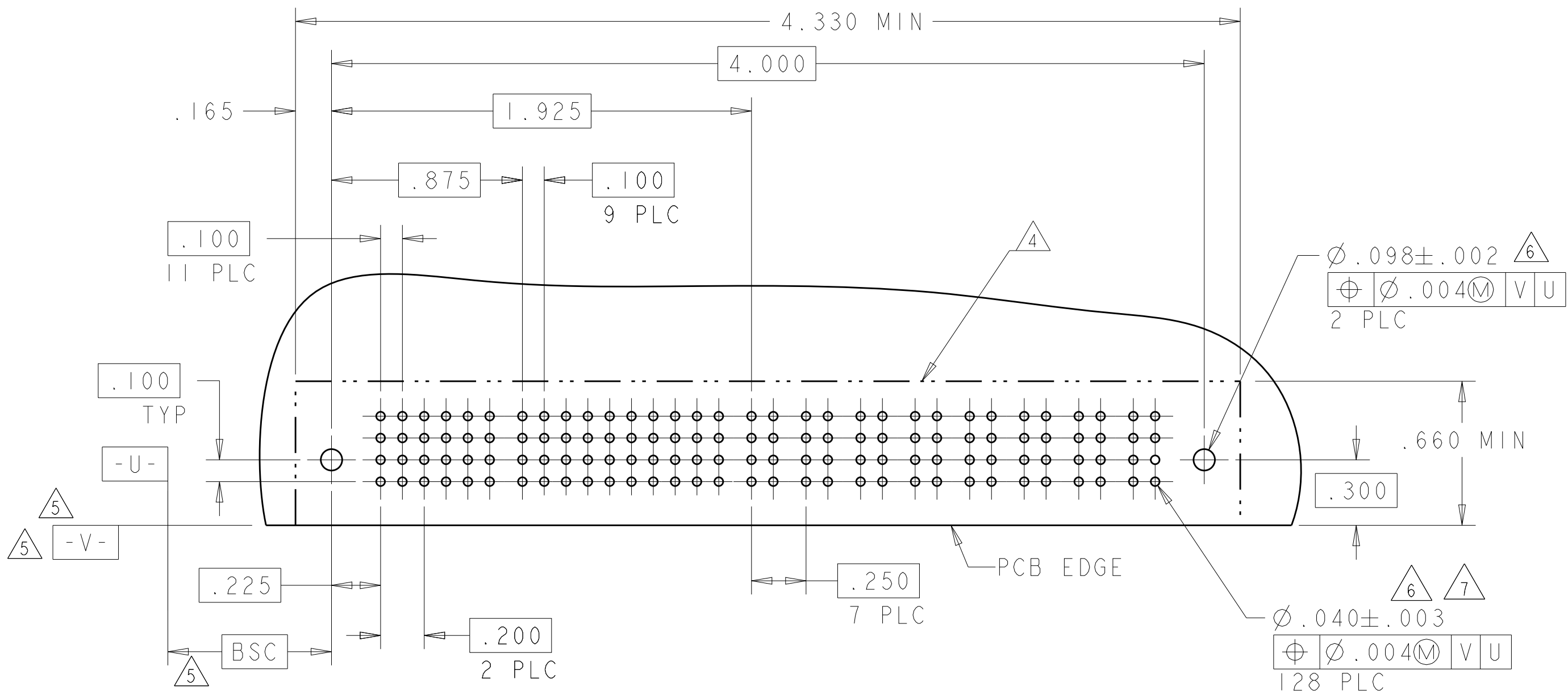
CUSTOMER DRAWING

NAM RIGHT ANGLE
SIZE CAGE CODE DRA
A100779C

PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		PI	P2	1	2	3	4	5	6	P2	PI
1-6450120-6	D C B A		PA	Z	Z	Z	Z	Z	Z	PA	
				Y	Y	Y	Y	Y	Y		
				R	R	R	R	R	R		
				O	O	O	O	O	O		
IP + 24S + IP		HD								HD	

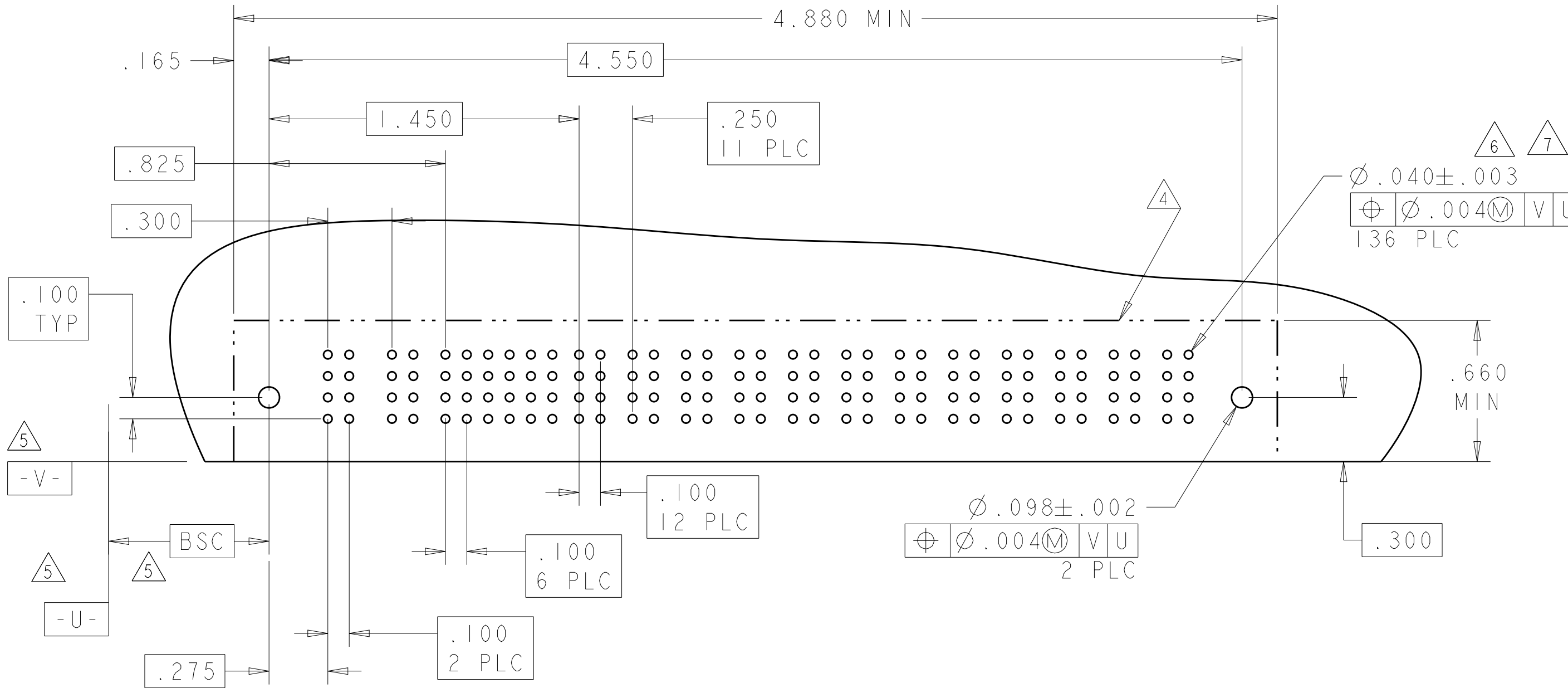


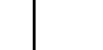
PART NUMBER	ROWS		POWER			SIGNAL										POWER									
			P1	P2	P3	1	2	3	4	5	6	7	8	9	10	P4	P5	P6	P7	P8	P9	P10	P11		
2-6450120-0	D C B A		PM	PM	PM	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM		
						K	K	K	K	K	K	K	K	K	K									K	
						N	N	N	N	N	N	N	N	N	N									N	N
						S	S	S	S	S	S	S	S	S	S									S	S
3P + 40S + 8P			HD																					HD	

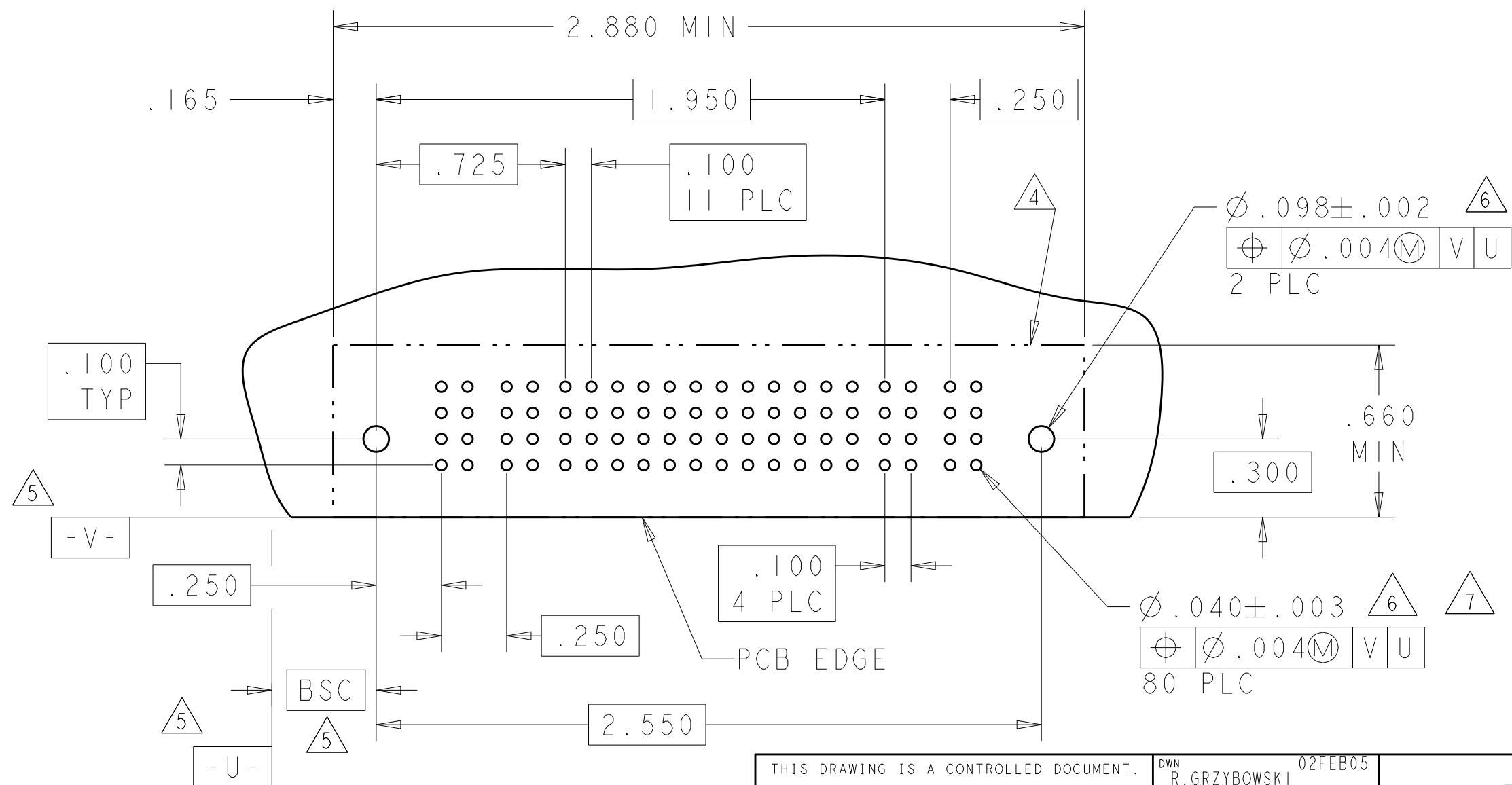


LOC		DIST		REVISIONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
ES	00	-	SEE SHEET 1	-	-	-	

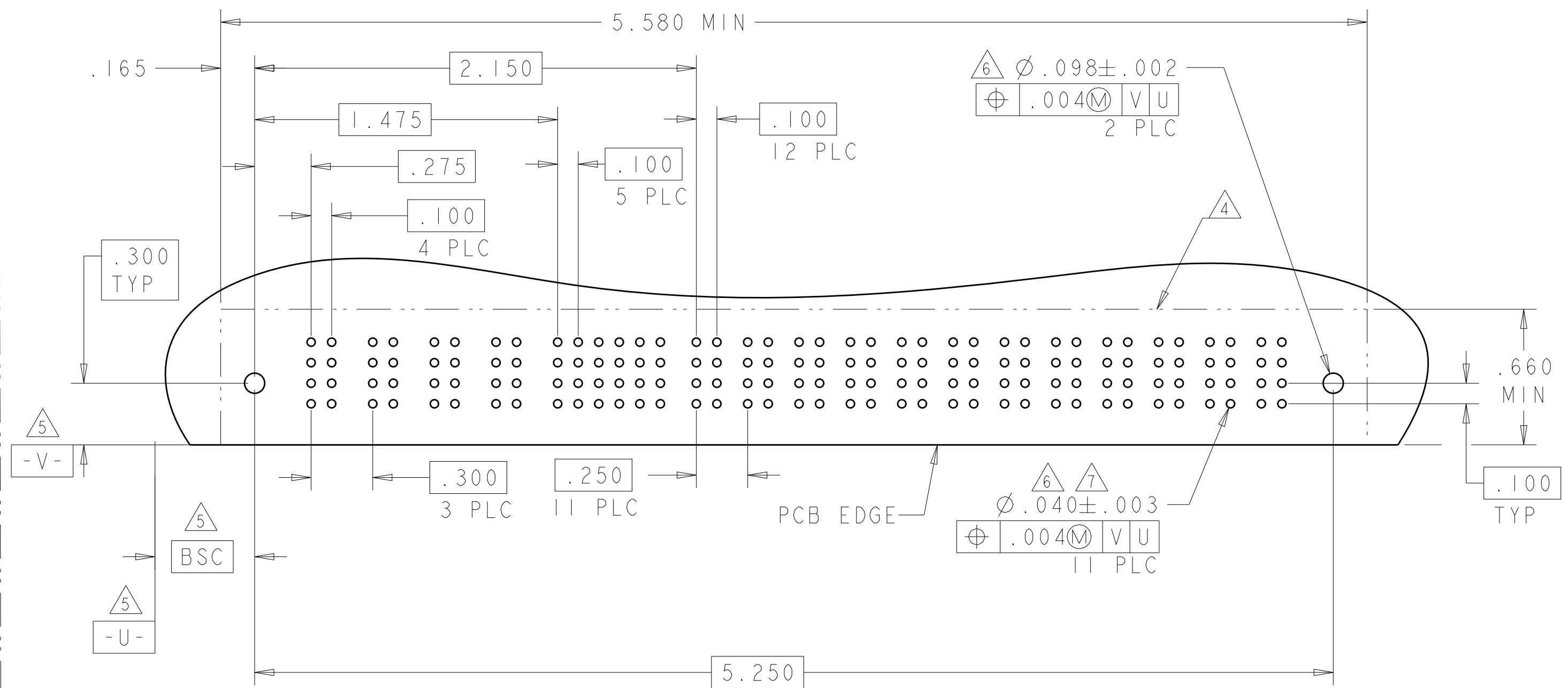
PART NUMBER	ROWS	POWER		SIGNAL						POWER													
		P1	P2	1	2	3	4	5	6	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14		
2-6450120-2	D C B A	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	HD	
				K	K	K	K	K	K														
				N	N	N	N	N	N														
2ACP + 24S + 12P		HD		S	S	S	S	S	S	HD		HD											



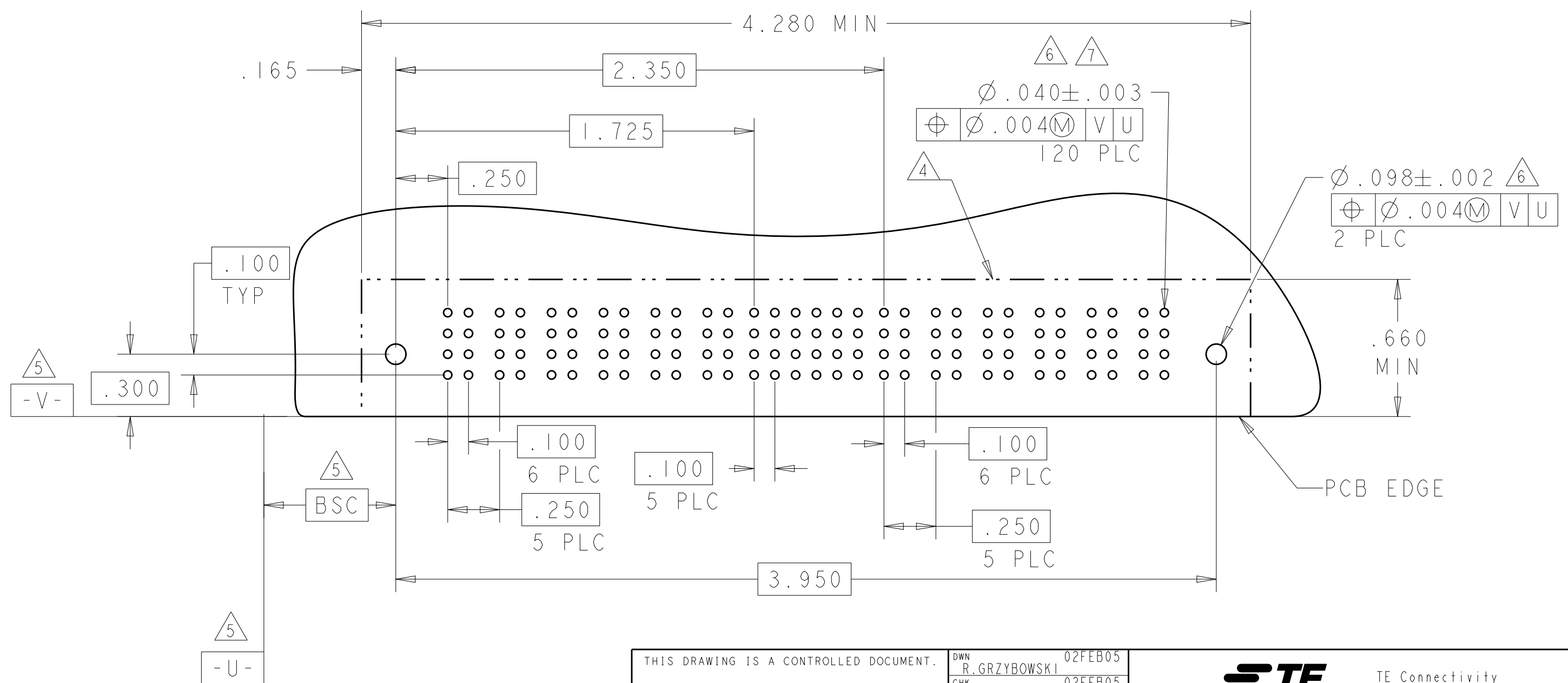
PART NUMBER	ROWS		POWER		SIGNAL												POWER					
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	P3	P4				
2-6450120-3	D C B A			PM	PM	J	J	J	J	J	J	J	J	J	J	J	PM	PM				
						K	K	K	K	K	K	K	K	K	K	K				K	K	
						N	N	N	N	N	N	N	N	N	N	N				N	N	N
						S	S	S	S	S	S	S	S	S	S	S				S	S	S
2P + 48S + 2P																						



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 02FEB05	TE Connectivity	
DIMENSIONS: INCHES		CHK M.PERCHEKKE 02FEB05	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W.PERCHEKKE 02FEB05	RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL	
0 PLC ±.01		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO	
1 PLC ±.01		108-1973	A100779	
2 PLC ±.01		APPLICATION SPEC	CAGE CODE DRAWING NO	
3 PLC ±.01		114-13038	C=6450120	
4 PLC ±.002		WEIGHT	RESTRICTED TO	
ANGLES		CUSTOMER DRAWING	SCALE 4:1 SHEET 7 OF 24 REV M2	

[illegible]

PART NUMBER	ROWS		POWER						SIGNAL						POWER																	
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	P11	P12												
2-6450120-7	D C B A																															
6P + 24S + 6P																																

4805 (3/11)

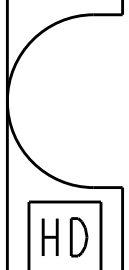
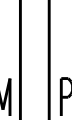
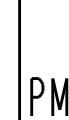
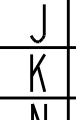
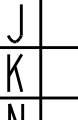
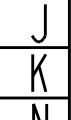
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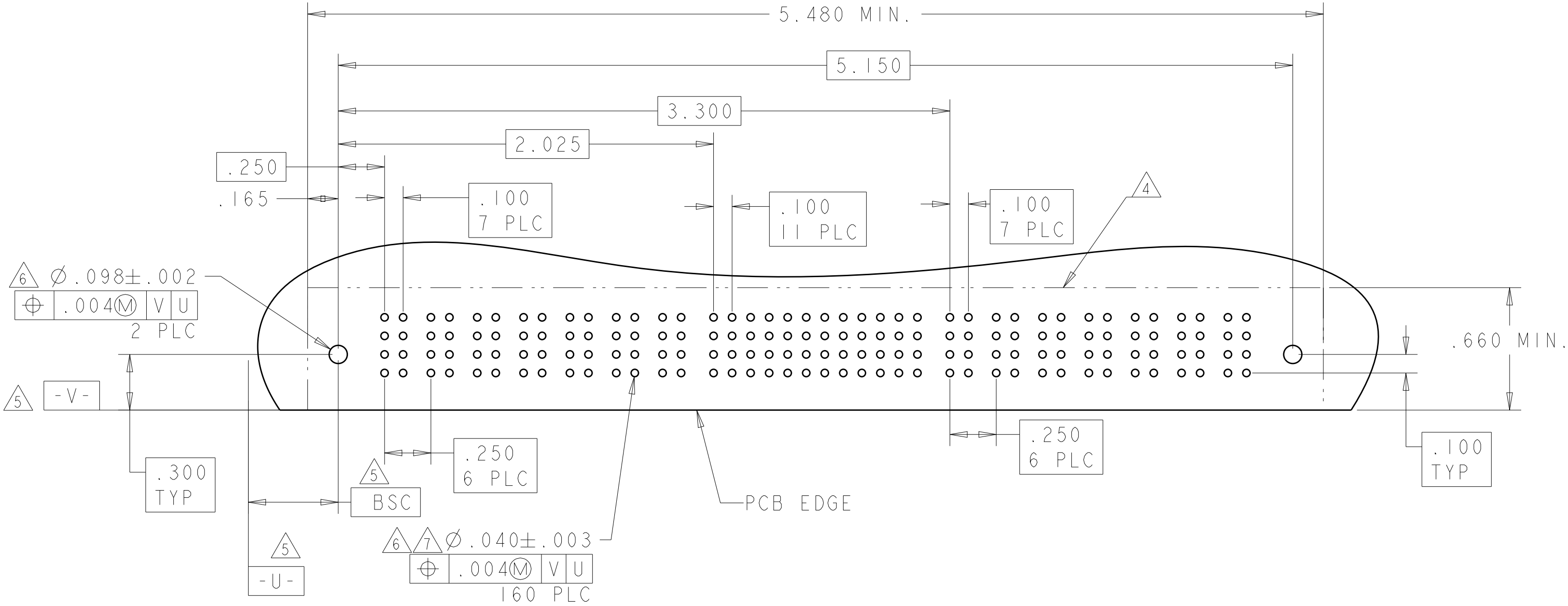
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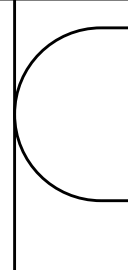
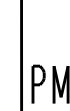
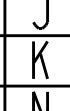
Top view drawing of a PCB showing dimensions and features. The drawing includes a grid of 148 holes (12x12) and various dimensions. Key dimensions include: overall width 4.980 MIN, overall height 4.650, and a central width of 3.050. Hole diameters are specified as $\phi .0098 \pm .002$ (2 PLC) and $\phi .004 \pm .003$ (148 PLC). The drawing also shows a BSC (Basic Size) dimension of .300 and a .660 MIN dimension. The PCB EDGE is indicated.

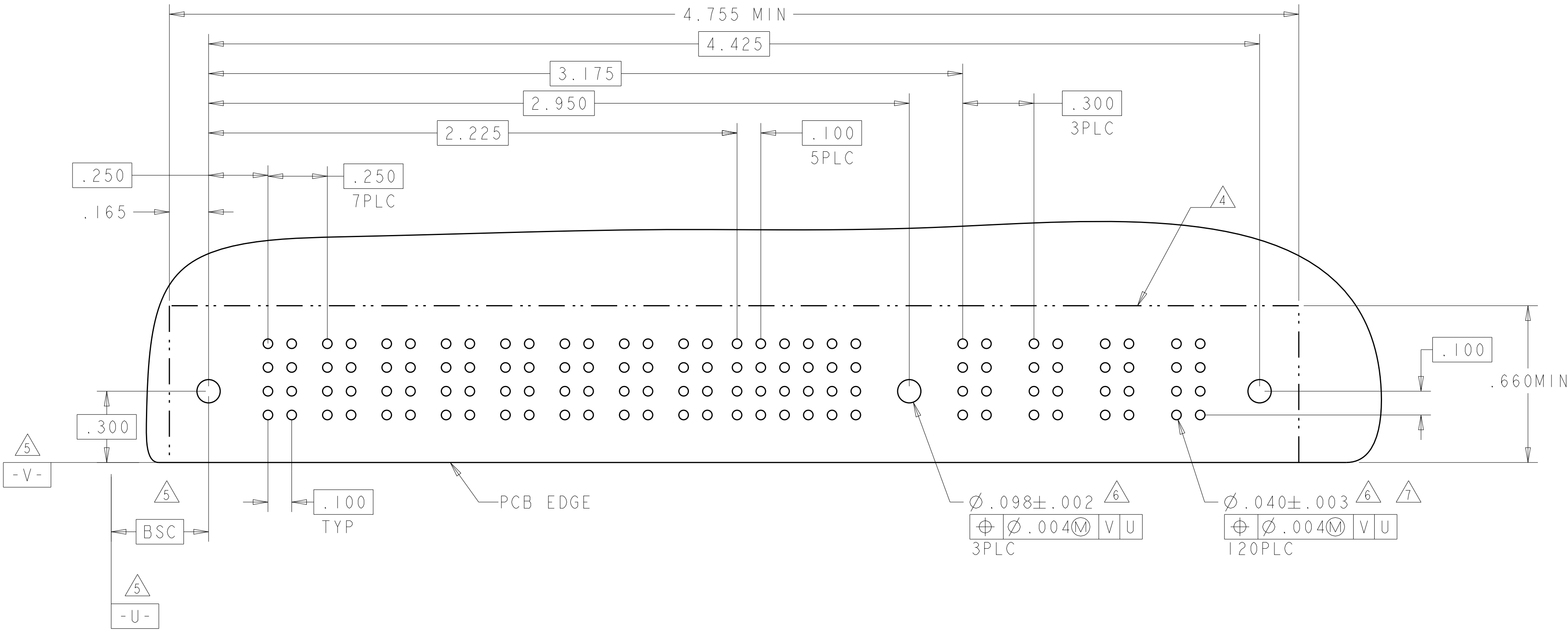
4805 (3/11)

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

PART NUMBER	ROWS		POWER							SIGNAL												POWER										
			P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	7	8	9	10	11	12	P8	P9	P10	P11	P12	P13	P14				
3-6450120-4	D C B A									J	J	J	J	J	J	J	J	J	J	J	J											
										K	K	K	K	K	K	K	K	K	K	K	K									K	K	
										N	N	N	N	N	N	N	N	N	N	N	N									N	N	N
										S	S	S	S	S	S	S	S	S	S	S	S									S	S	S
7P + 48S + 7P																																



PART NUMBER	ROWS		POWER								SIGNAL							POWER					
			P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6		P9	P10	P11	P12		
4-6450120-2	D C B A										J	J	J	J	J	J							
											K	K	K	K	K	K							K
											N	N	N	N	N	N							N
											S	S	S	S	S	S							S
8P + 24S + 1M + 4ACP																							

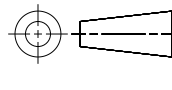


THIS DRAWING IS A CONTROLLED DOCUMENT.

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

02FEB05
02FEB05
02FEB05

DIMENSIONS:
INCHES



MATERIAL
-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
RIGHT ANGLE HEADER W/GUIDES ASSEMBLY
MULTI-BEAM XL

SIZE
A1

CAGE CODE
100779

DRAWING NO
C=6450120

RESTRICTED TO
-

SCALE
4:1

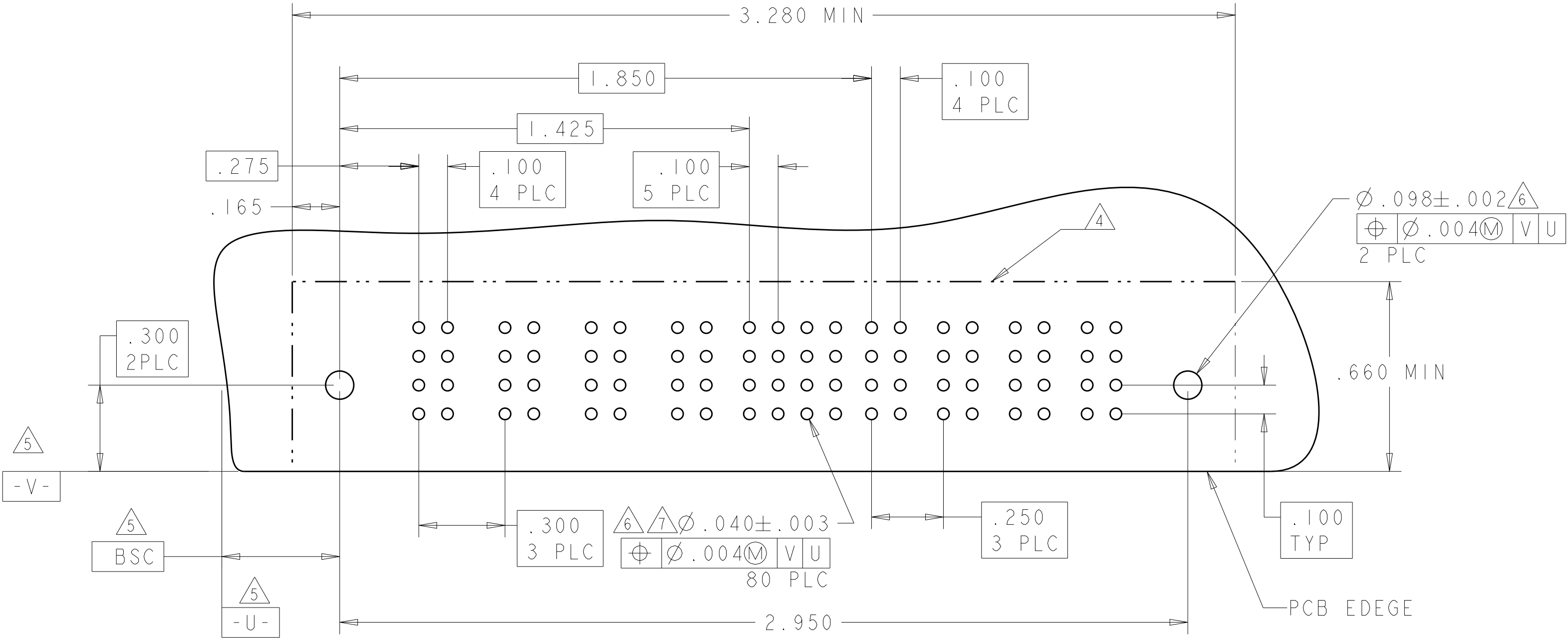
SHEET
11

OF
24

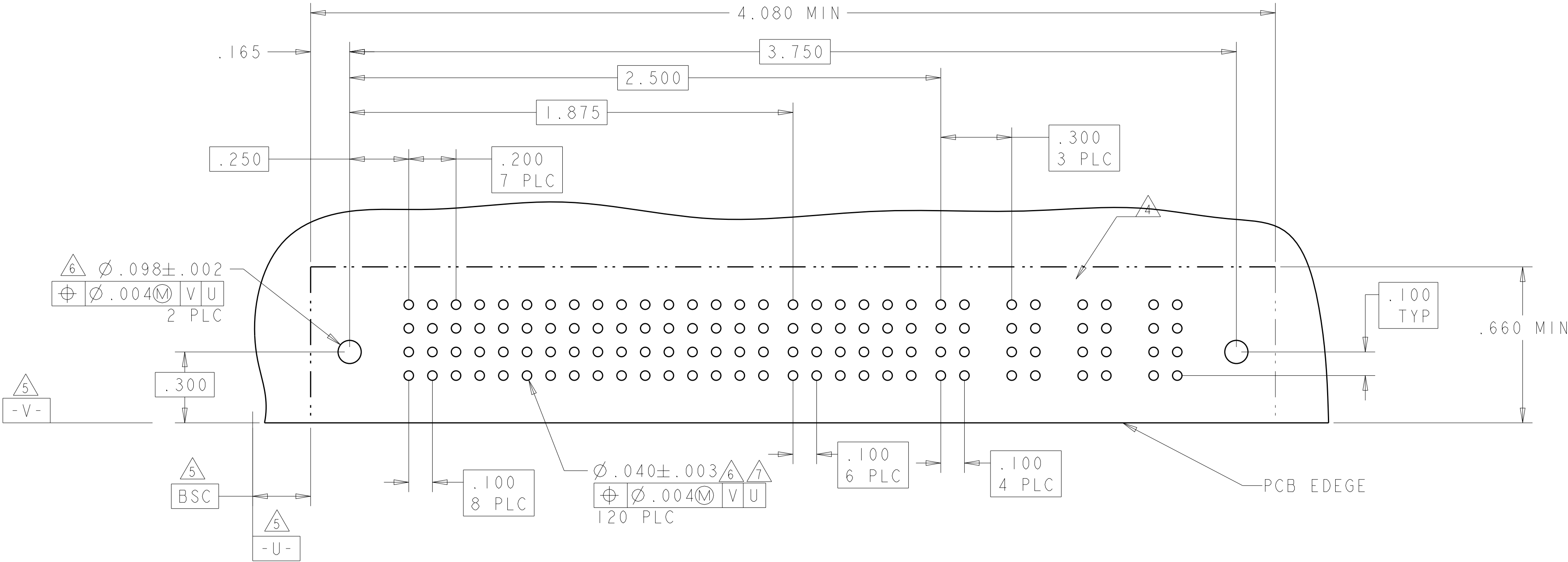
REV
M2

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

PART NUMBER	ROWS		POWER				SIGNAL				POWER				
			P1	P2	P3	P4	1	2	3	4	P5	P6	P7	P8	
4-6450120-3	D C B A		PM	PM	PM	PM	J	J	J	J	PM	PM	PM	PM	
							K	K	K	K					
							N	N	N	N					
							S	S	S	S					
4ACP + 16S + 4P															



PART NUMBER	ROWS		POWER								SIGNAL						POWER				
			P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	P9	P10	P11	P12	
4-6450120-4	D C B A																				
8P + 24S + 4ACP																					



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

02FEB05
02FEB05
02FEB05

DIMENSIONS:
INCHES

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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038
WEIGHT
CUSTOMER DRAWING

NAME
RIGHT ANGLE HEADER W/GUIDES ASSEMBLY
MULTI-BEAM XL

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=6450120

RESTRICTED TO
-

SCALE
4:1

SHEET
12

OF
24

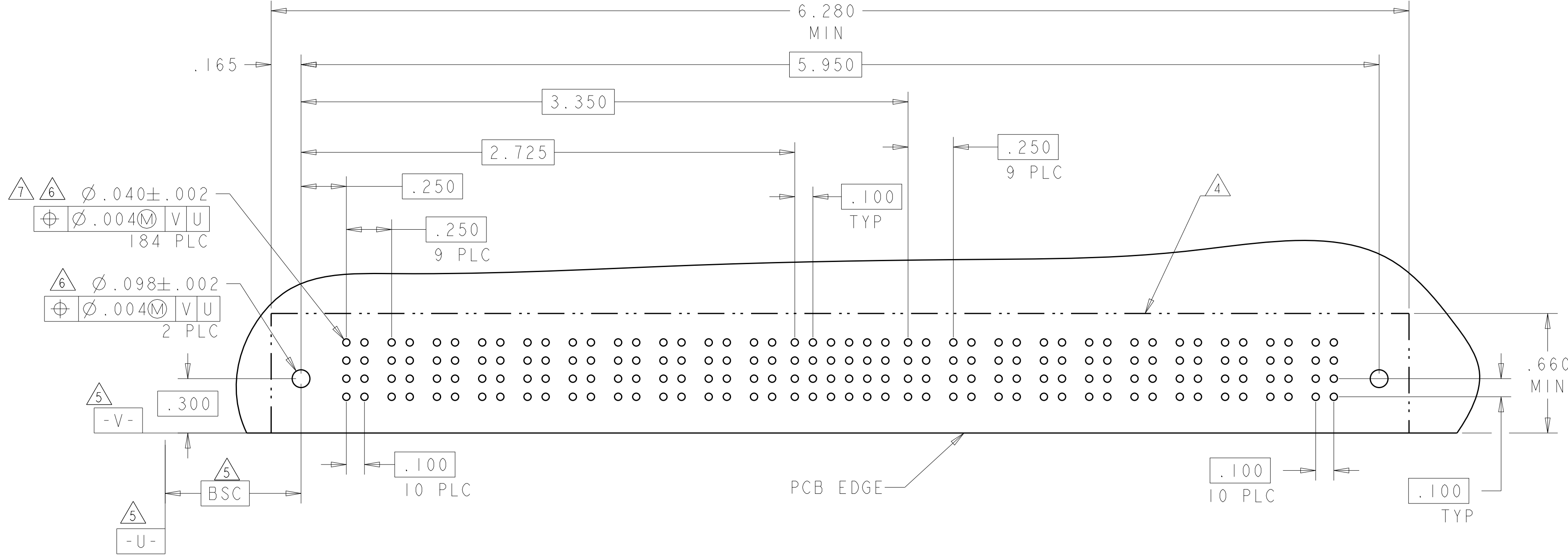
REV
M2

TE Connectivity

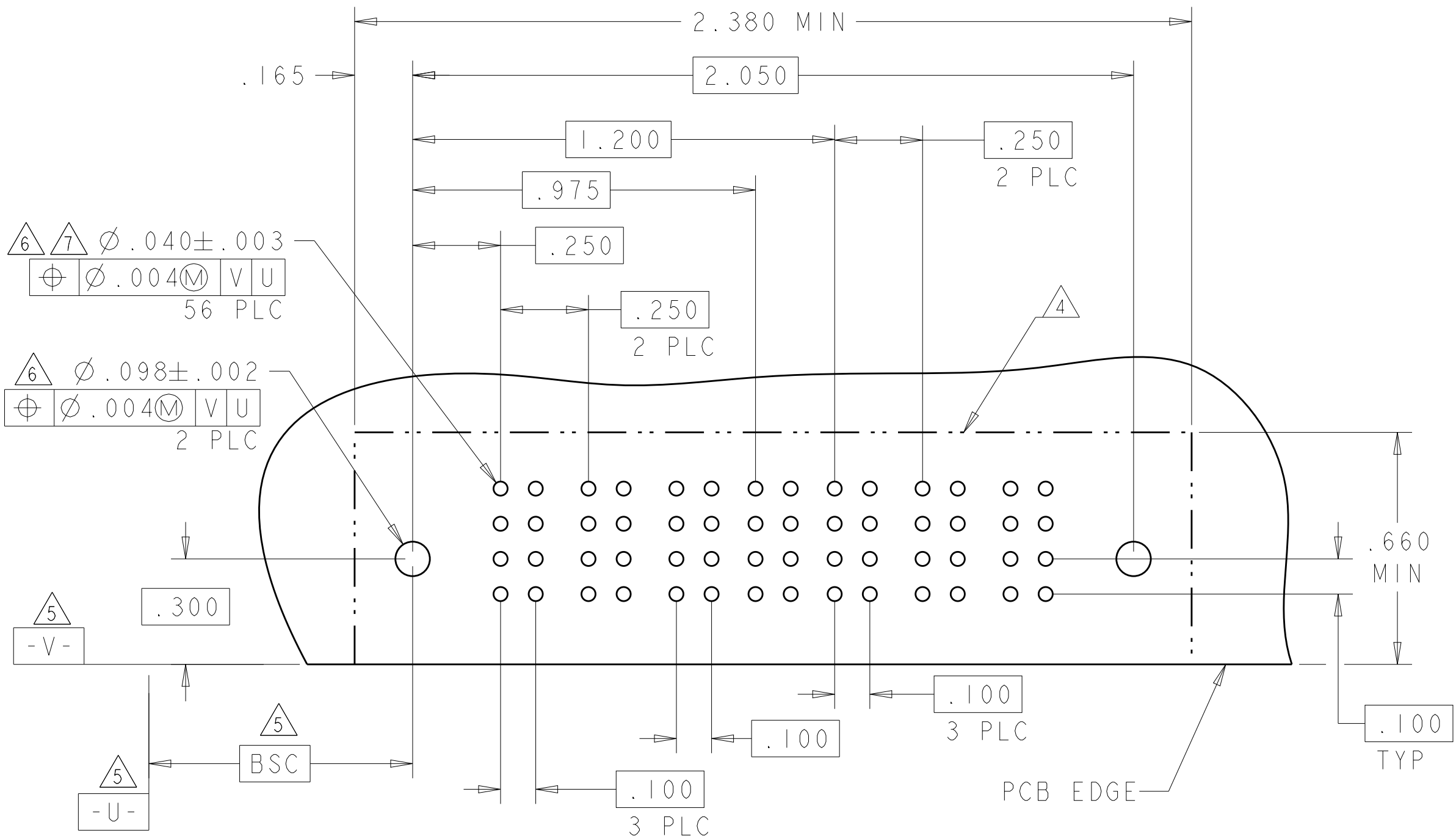
TE

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

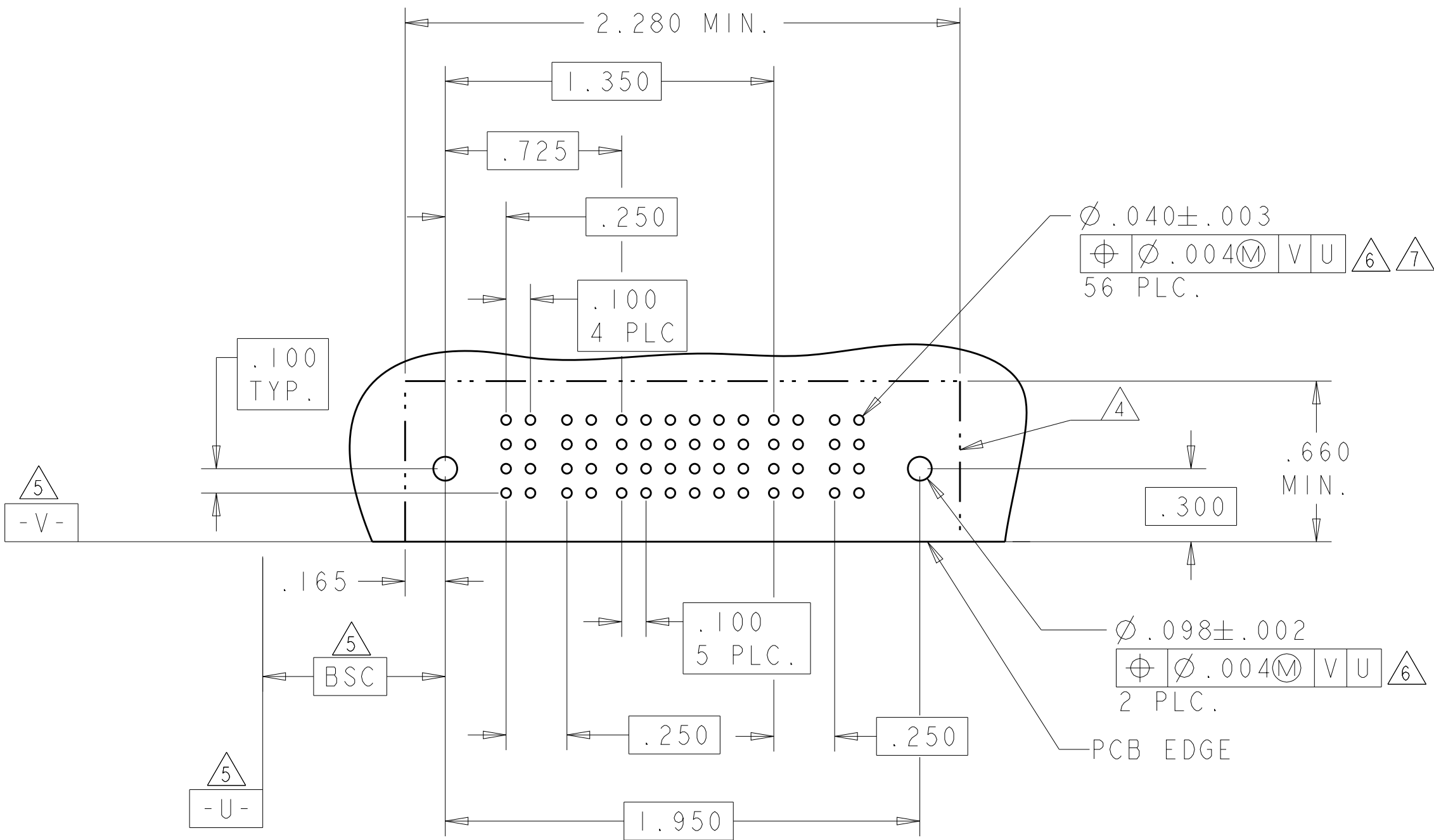
PART NUMBER	ROWS		POWER										SIGNAL						POWER										
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	
4-6450120-5	D C B A	HD	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J K N S	J K N S	J K N S	J K N S	J K N S	J K N S	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
			10P + 24S + 10P																										



PART NUMBER	ROWS		POWER			SIGNAL		POWER			
			P1	P2	P3	1	2	P4	P5	P6	
4-6450120-6	D C B A	HD	PM	PM	PM	J	J	PM	PM	PM	
						K	K				
						N	N				
						S	S				
3P + 8S + 3P			HD								

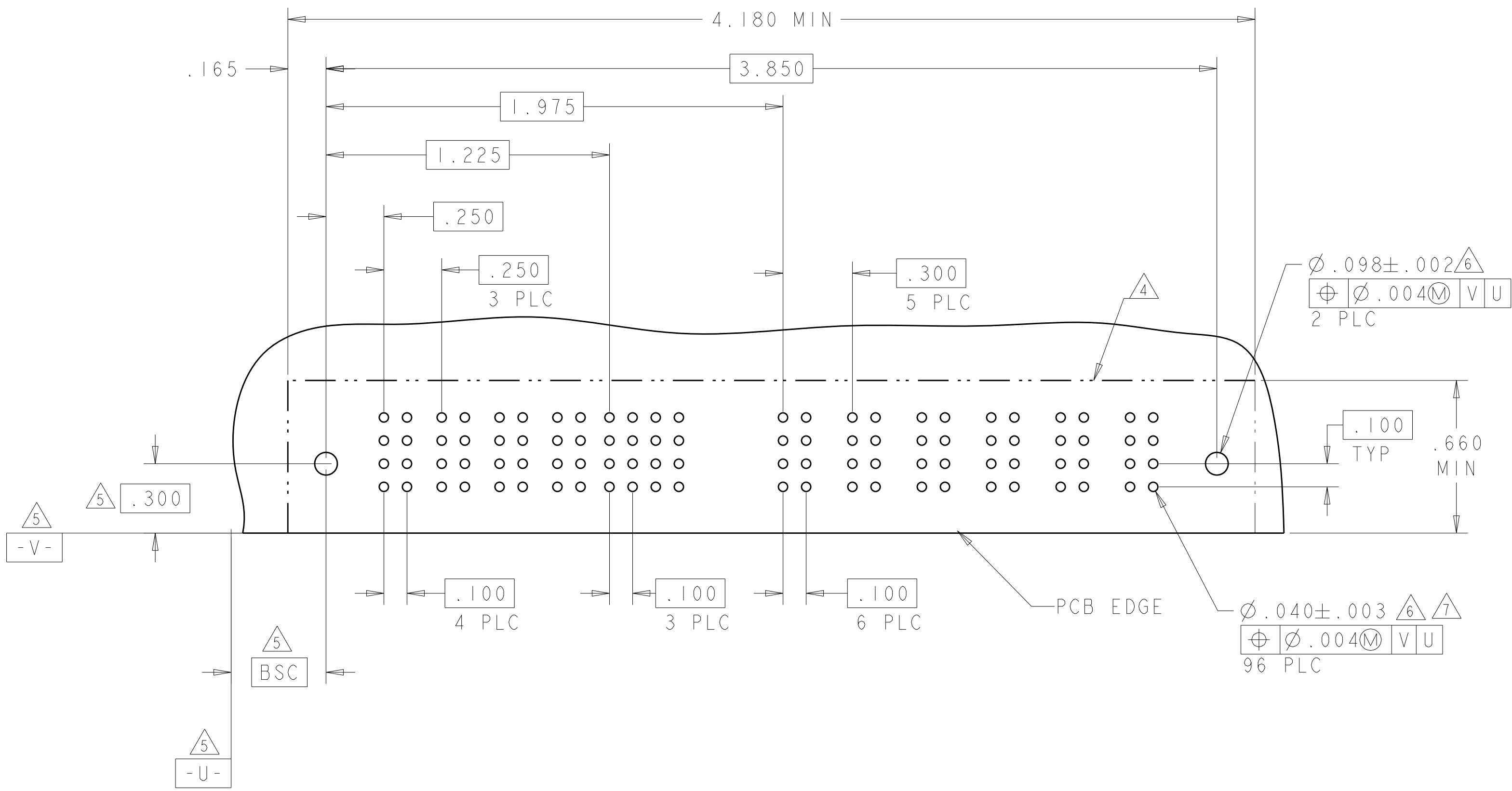


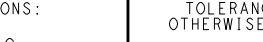
PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
4-6450120-7	D C B A	HD	PM	PM	J	J	J	J	J	J	PM	PM	
					K	K	F	K	K	K			
					N	N	G	N	N	N			
					S	S	S	S	S	S			
2P + 24S + 2P													HD



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	02FEB05	 TE Connectivity						
DIMENSIONS: INCHES		CHK M. PERCHERKE	02FEB05							
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE	02FEB05	NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL - - - - - -					
	0 PLC ±.01		PRODUCT SPEC							
	2 PLC ±.01		108-1973							
	2 PLC ±.005		APPLICATION SPEC							
	4 PLC ±.0020		114-13038							
	ANGLES ±°		WEIGHT -							
MATERIAL	FINISH	CUSTOMER DRAWING			SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
-	-				A1	100779	C=6450120	-		
				SCALE	4:1	SHEET	13	OF 24	REV	M2

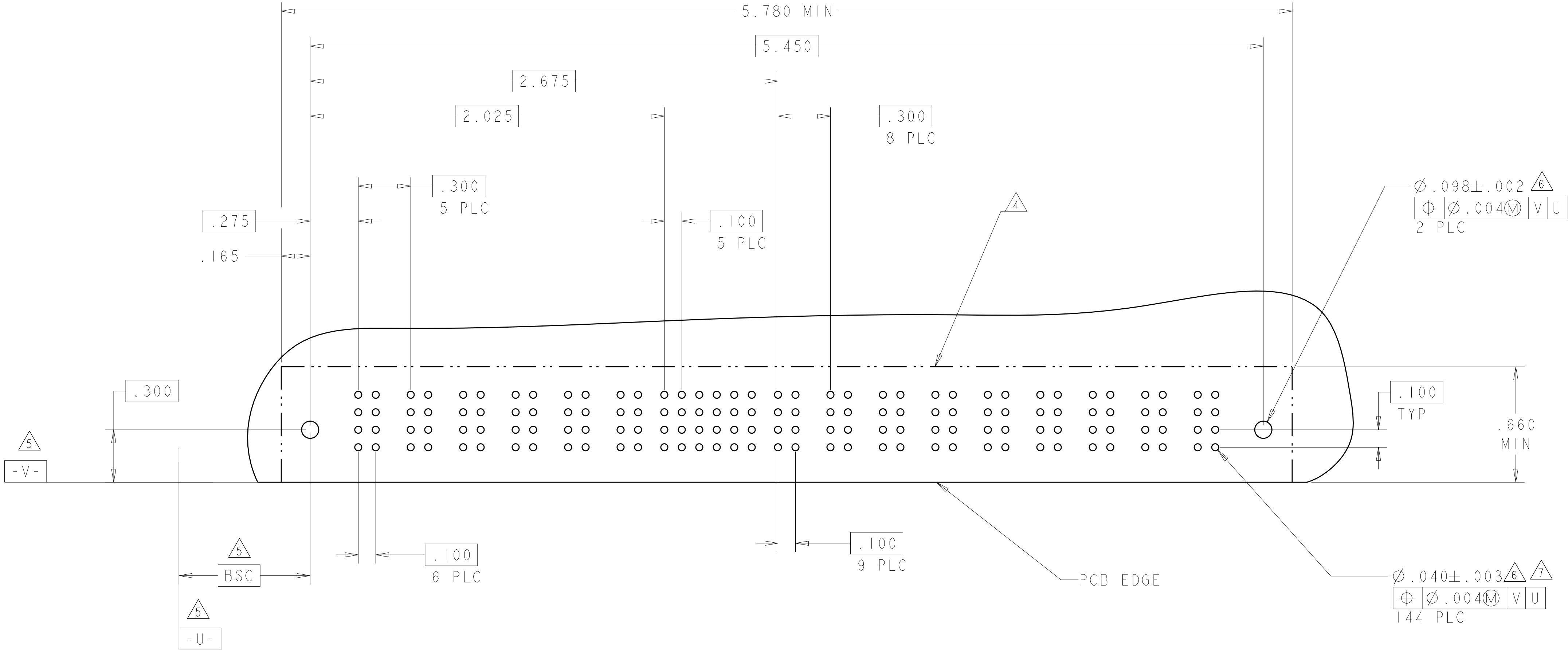
PART NUMBER	ROWS		POWER				SIGNAL				POWER								
			P1	P2	P3	P4	I	2	3	4	P5	P6	P7	P8	P9	P10			P11
5-6450120-0	D		PM	PM	PM	PM	J	J	J	J		PM	PM	PM	PM	PM	PM		
	K						K	K	K										
	N						N	N	N										
	S						S	S	S										
4P + 16S + 7ACP		HD																	HD



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 02FE805	 TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERRE 02FE805		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERRE 02FE805	NAME	
		RIGHT ANGLE HEADER W/GUIDE ASSEMBLY MULTI-BEAM XL		
0 PLC ±.01		PRODUCT SPEC		
1 PLC ±.01		108-1973		
2 PLC ±.005		APPLICATION SPEC		
3 PLC ±.020		114-13038		
4 PLC ±.020		SIZE CAGE CODE DRAWING NO		
ANGLES ±.020		A100779G6450120		
FINISH		RESTRICTED TO		
-		-		
WEIGHT		-		
-		-		
CUSTOMER DRAWING		SCALE 4:1 SHEET 14 OF 24 REV. M2		

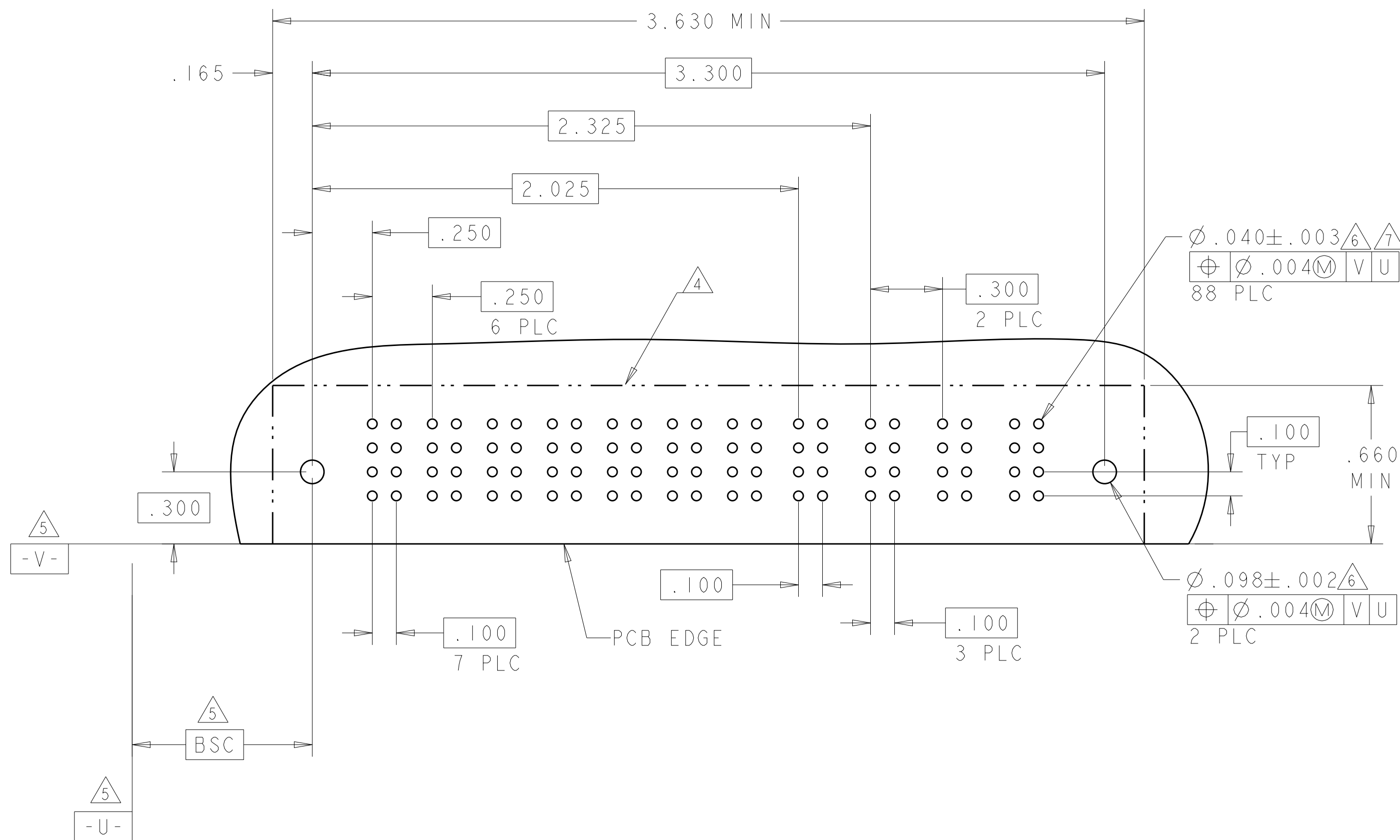
LOC		DIST		REVISIONS				
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		-		SEE SHEET 1	-	-	-	

PART NUMBER	ROWS		POWER						SIGNAL						POWER											
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	P11	P12	P13	P14	P15			
5-6450120-2	D C B A	HD	PM	PM	PM		PM	J	J		J	E		PM	PM	PM		PM	PM	PM	PM					
								K	K		K	K														
								N	N		N	N														
								S	S		S	H														
6P + 24S + 9P																										



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	02FEB05		
DIMENSIONS: INCHES		CHK M.PERCHEKKE	02FEB05		
		APVD M.PERCHEKKE	02FEB05	NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL	
		PRODUCT SPEC 108-1973		SIZE A1	
MATERIAL -		APPLICATION SPEC 114-13038		CAGE CODE 6450120	
		WEIGHT -		REV M2	
		CUSTOMER DRAWING		SCALE 4:1	
				SHEET 16	
				OF 24	
				REV M2	

PART NUMBER	ROWS		POWER							SIGNAL		POWER			
			P1	P2	P3	P4	P5	P6	P7	I	2	P8	P9	P10	
5-6450120-5	D		PM	PM	PM	PM	PM	PM	PM	J	J	PM	PM	PM	
	K									K					
	N									N					
	A	HD													
7P + 8S + 3ACP															

4805 (3/11)

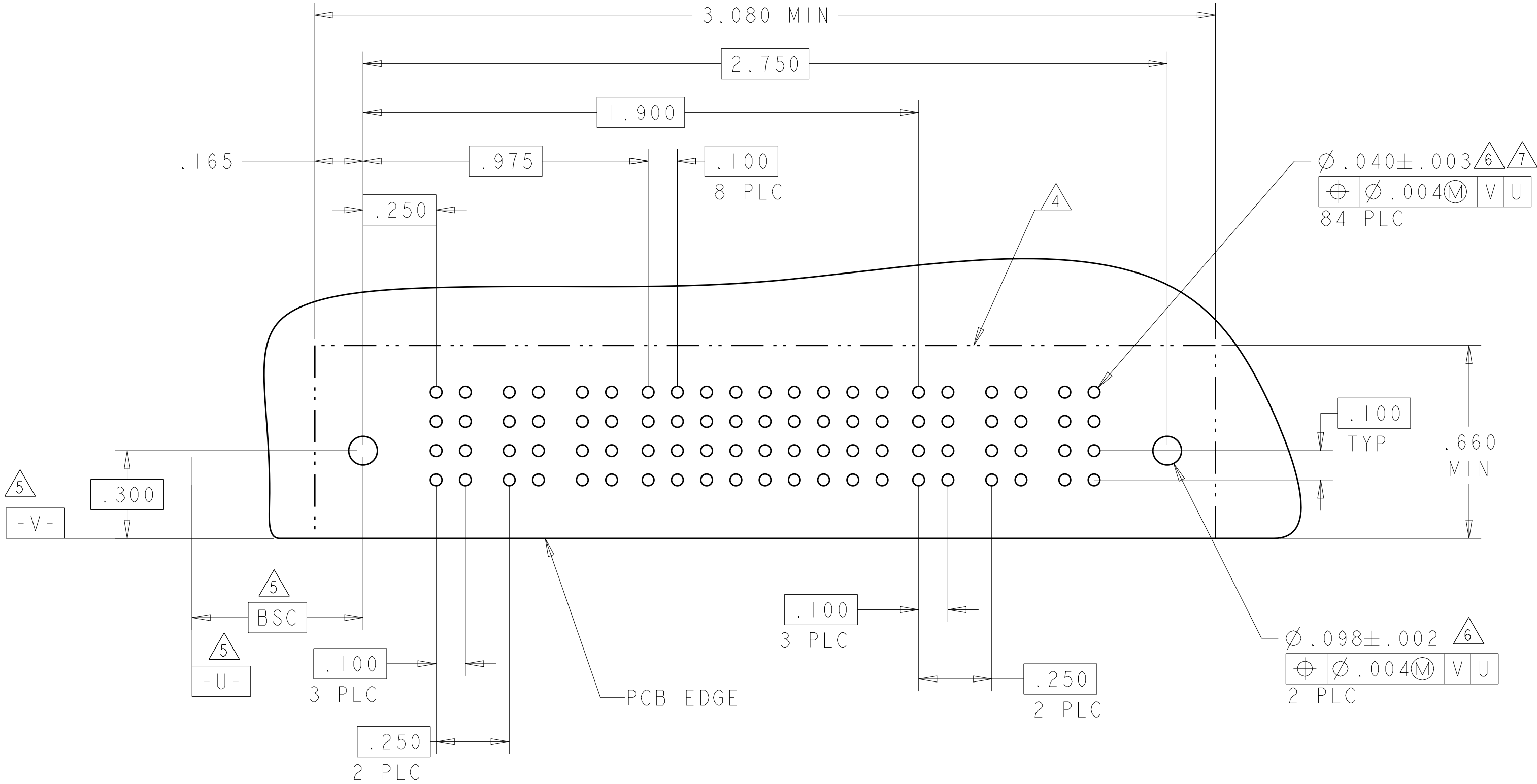
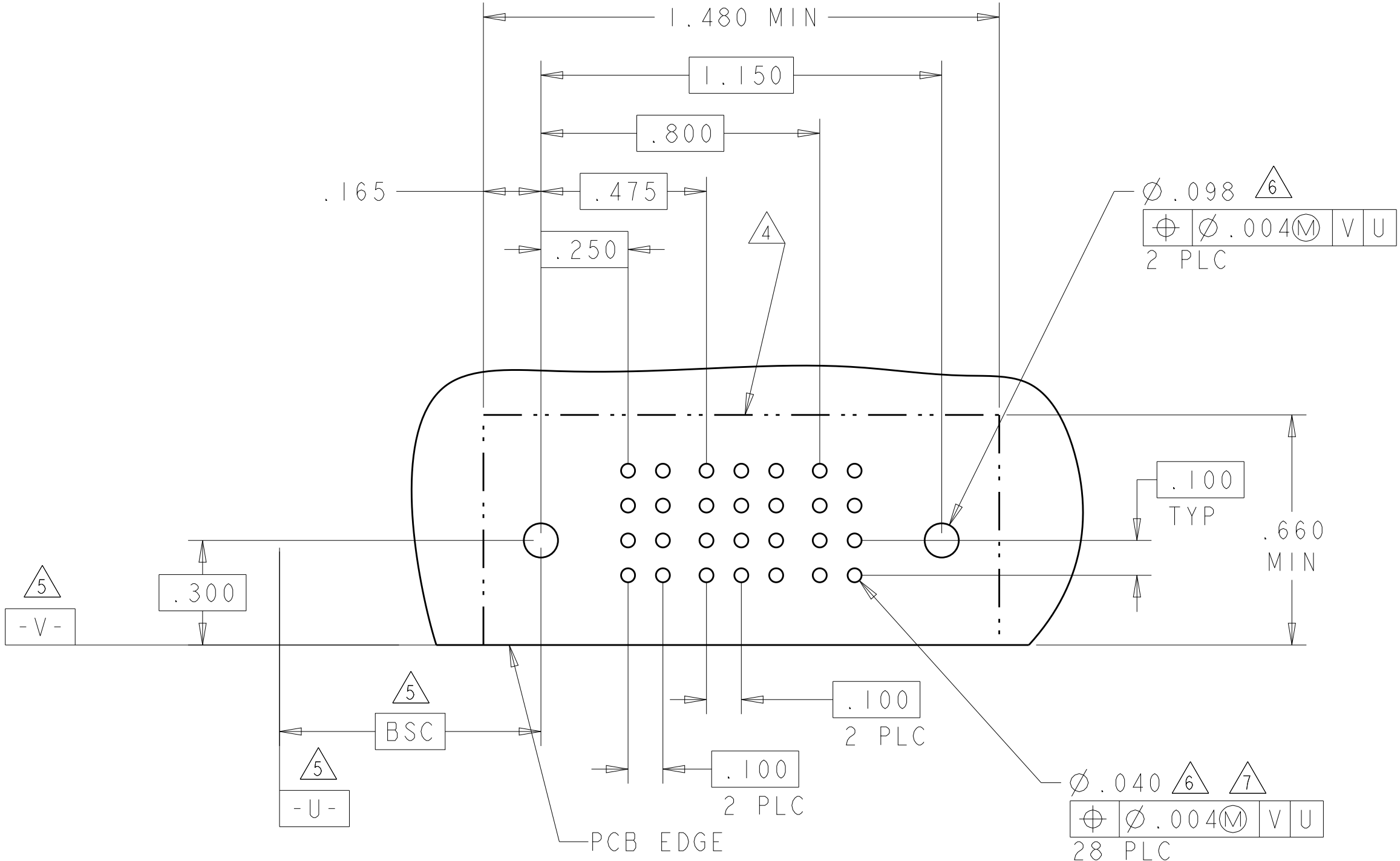
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

L9

PART NUMBER	ROWS	POWER		SIGNAL			POWER	
		PI	I	2	3	P2		
6-6450120-9	D	PM	J	J	E	PM		
	C		K	K	K			
	B		N	N	N			
	A		H	S	S			
IP + 12S + IP		HD				HD		

PART NUMBER	ROWS	POWER		SIGNAL			POWER	
		PI	I	2	3	P2		
5-6450120-6	D	PM	J	J	J	PM		
	C		K	K	K			
	B		N	N	N			
	A		S	S	S			
IP + 12S + IP		HD				HD		

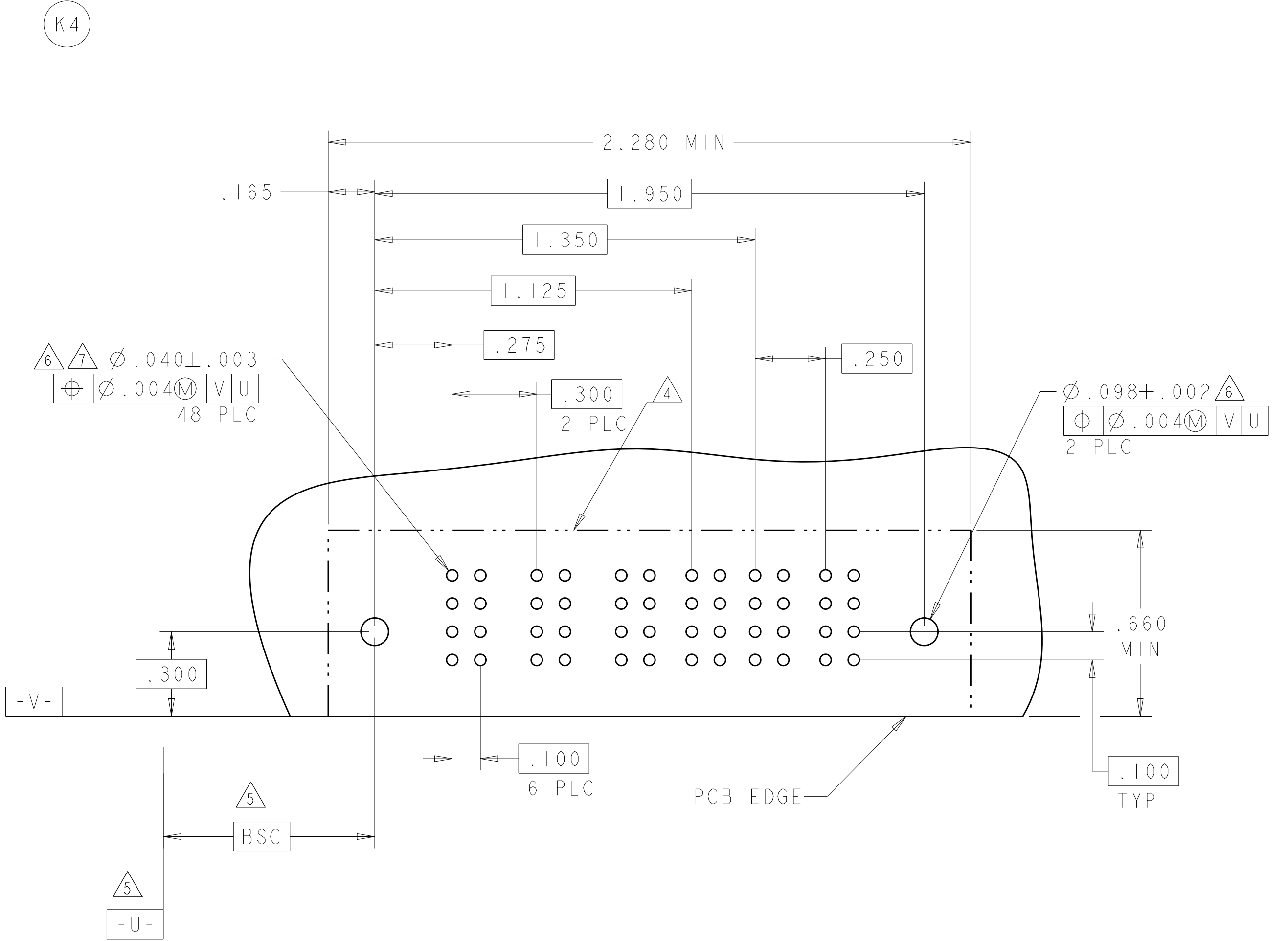
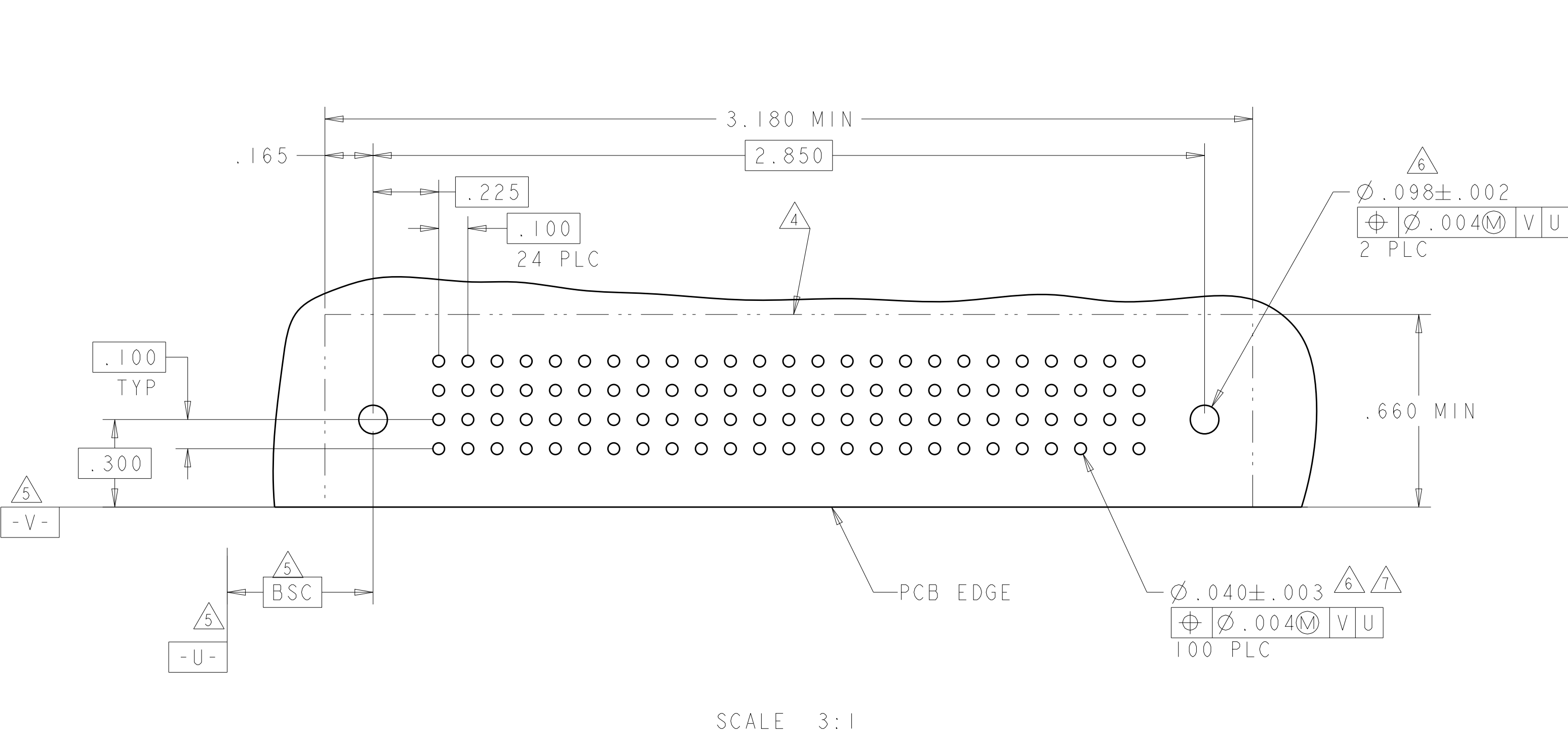
PART NUMBER	ROWS		POWER			SIGNAL									POWER			
			P1	P2	P3	1	2	3	4	5	6	7	8	9	P4	P5	P6	
5-6450120-7	D C B A	HD	PM	PM	PM	J	J	J	J	J	J	J	J	J	PM	PM	PM	HD
						K	K	K	K	K	K	K	K	K				
						N	N	N	N	N	N	N	N	N				
						S	S	S	S	S	S	S	S	S				
3P + 36S + 3P																		



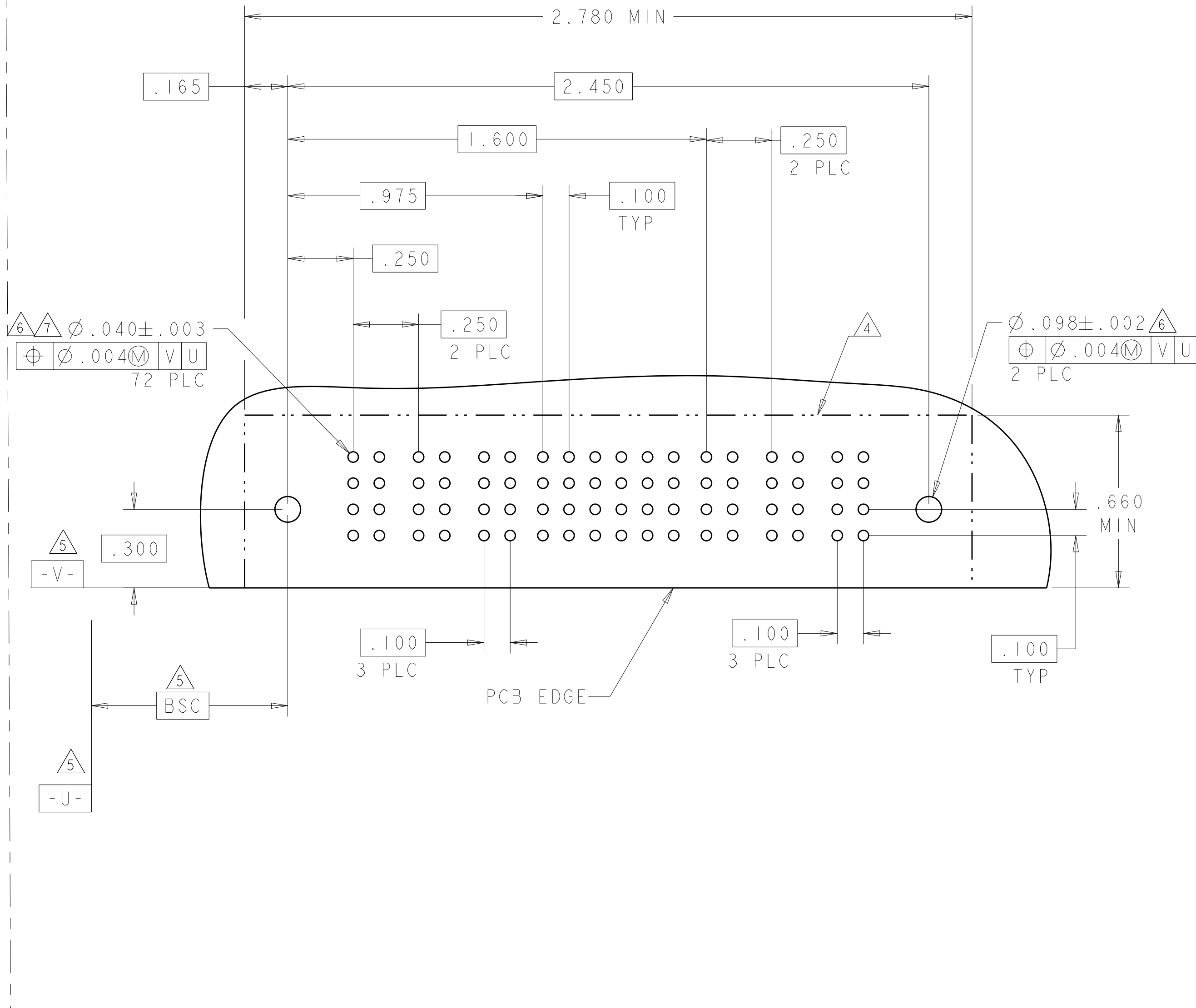
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		SIGNAL																											
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25			
5-6450120-8	D C B A	HD	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J			
			K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K		
			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
			S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
100S																														

PART NUMBER	ROWS		POWER			SIGNAL		POWER		
			P1	P2	P3	1	2	P4	P5	
5-6450120-9	D C B A	HD	PM	PM	PM	J K N H	J K N S	PM PM	HD	
3ACP + 8S + 2P										

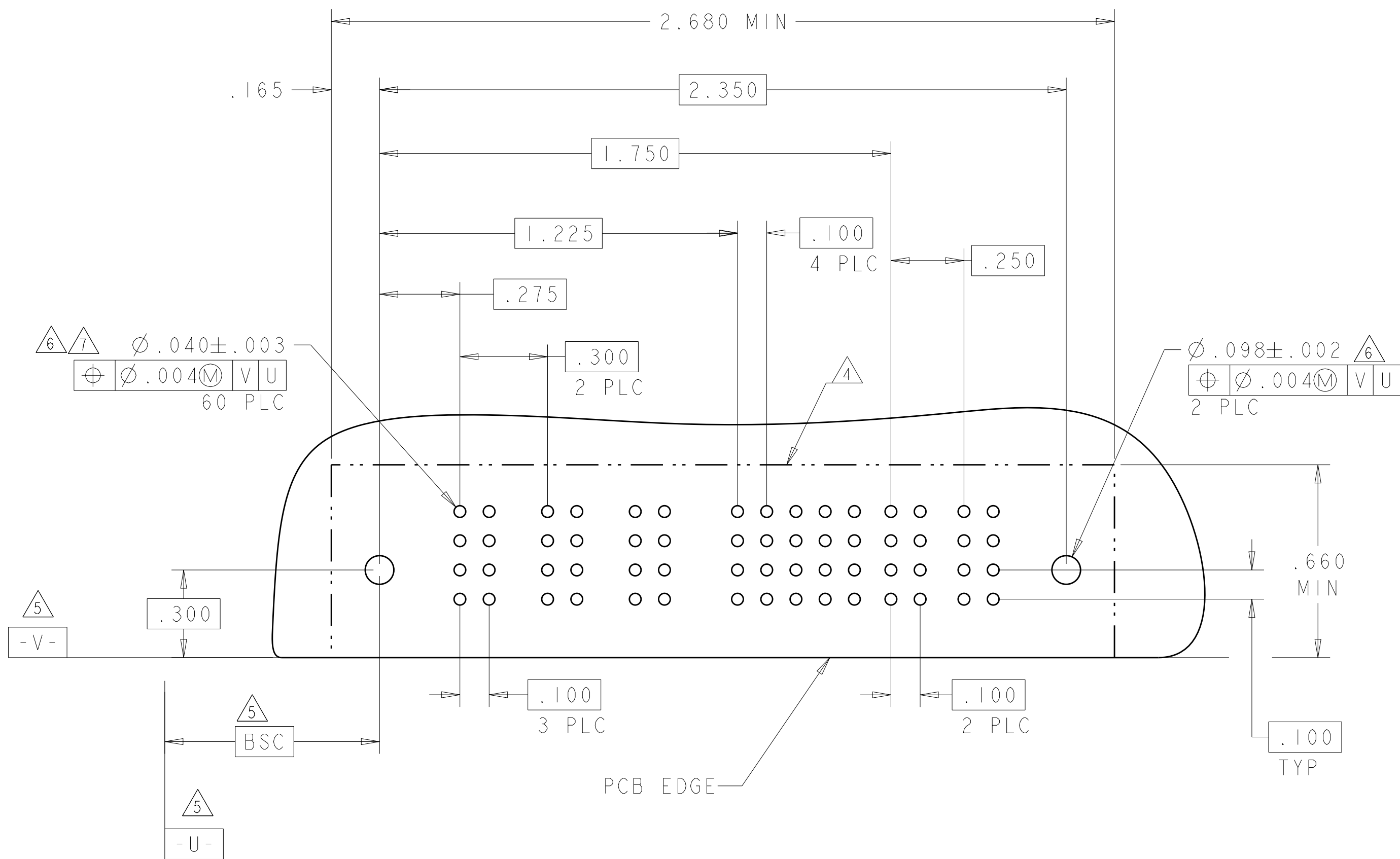


PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
6-6450120-1	D				J	J	J	J	J	J					
	K				K	F	F	K	K						
	N				N	G	G	N	N						
	S				S	S	S	S	S						
3P + 24S + 3P															

4805 (3/11)

PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5		
6-6450120-5	D C B A	 HD1	 PM	 PM	 PM		 J	 J	 J	 J	 J		 PM	 PM	 HD
3ACP + 24S + 2P			        												

(L3)

4805 (3/11)

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

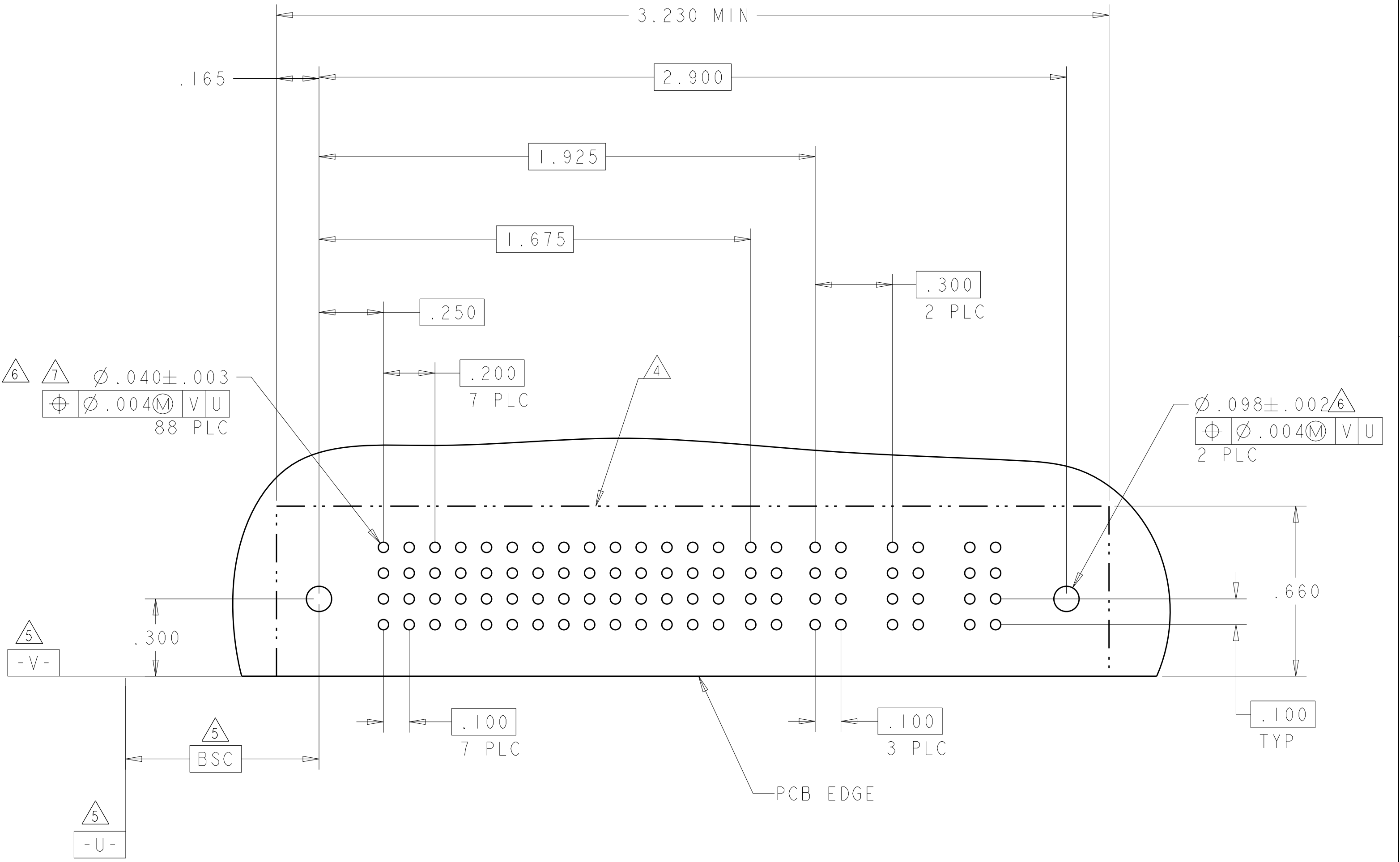
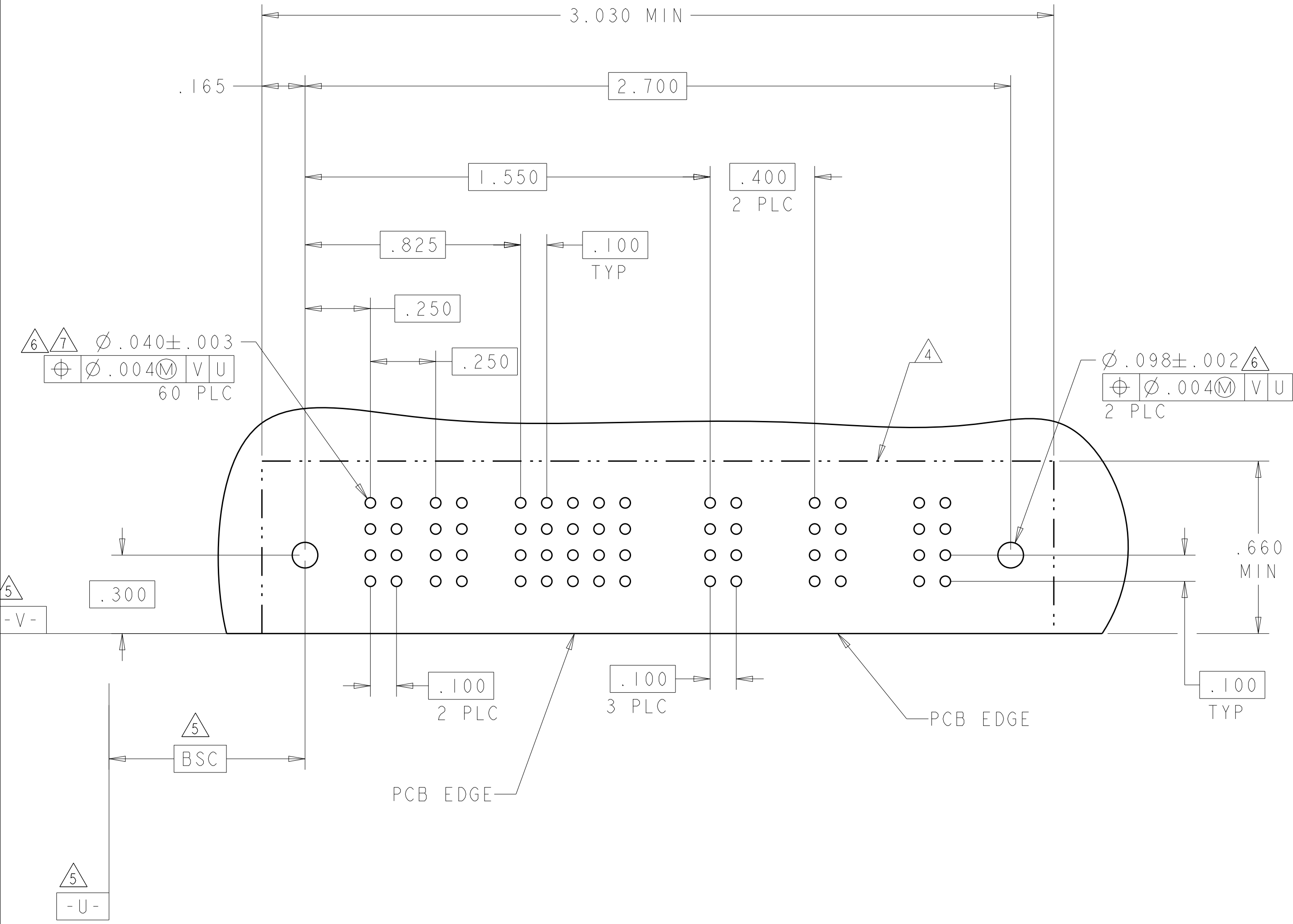
PART NUMBER	ROWS		POWER		SIGNAL						POWER								
			P1	P2	1	2	3	4	5	6	P3	P4	P5	P6	P7	P8			
6-6450120-6	D		PM	PM		J	J	J	J	J		PM		PM		PM		PM	
	K				K	K	K	K											
	N				N	N	N	N											
	S				S	S	S	S											
2P + 24S + 6P																			

NO CONTACTS LOADED

NO CONTACTS LOADED

PART NUMBER	ROWS		POWER							SIGNAL		POWER				
			P1	P2	P3	P4	P5	P6	P7	1	2	P8	P9	P10		
6-6450120-7	D C B A															
								E E		PM	PM					PM
								F F								
								G G								
7HDP + 8S + 3ACP																
H H																

L5

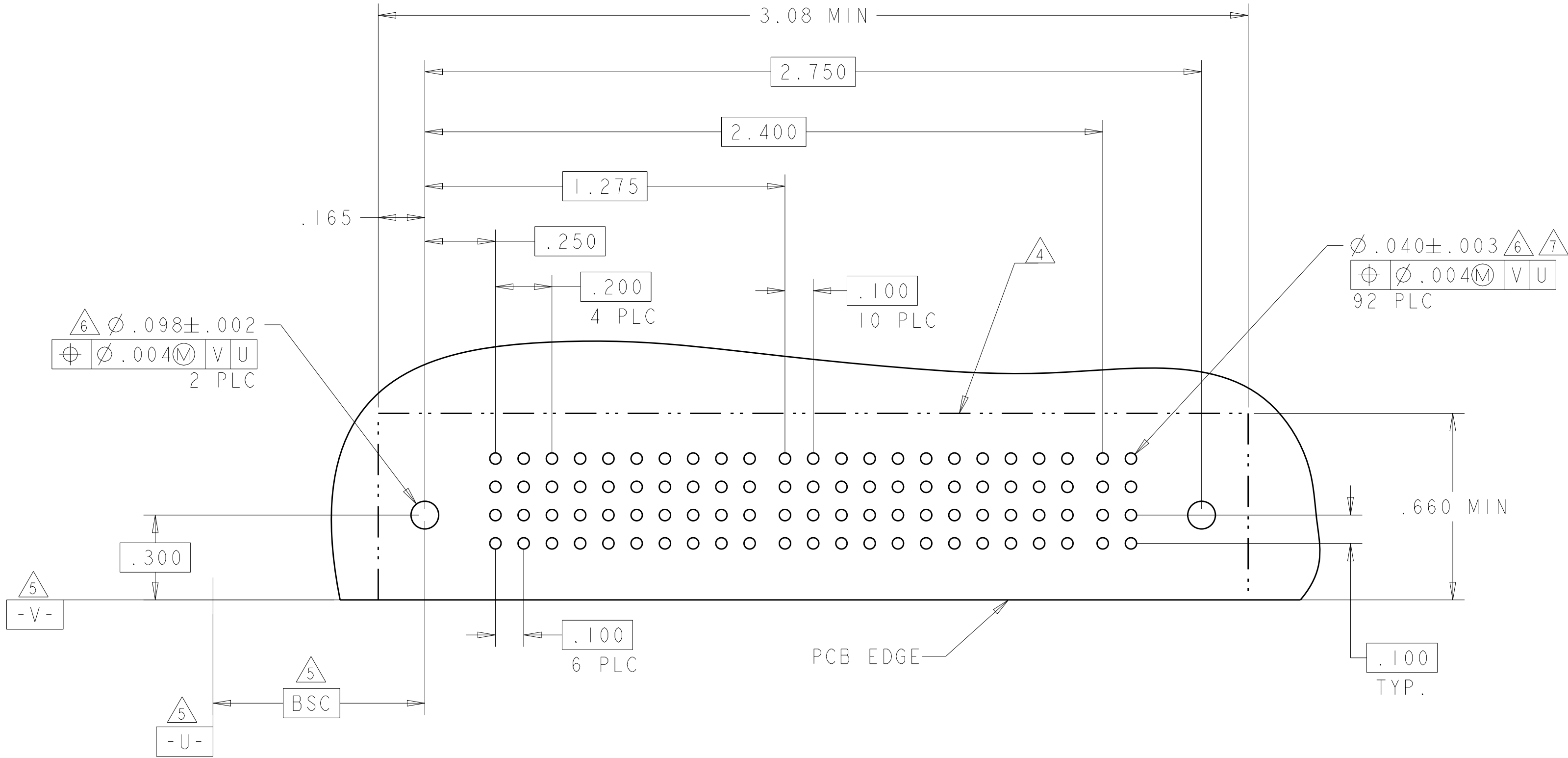
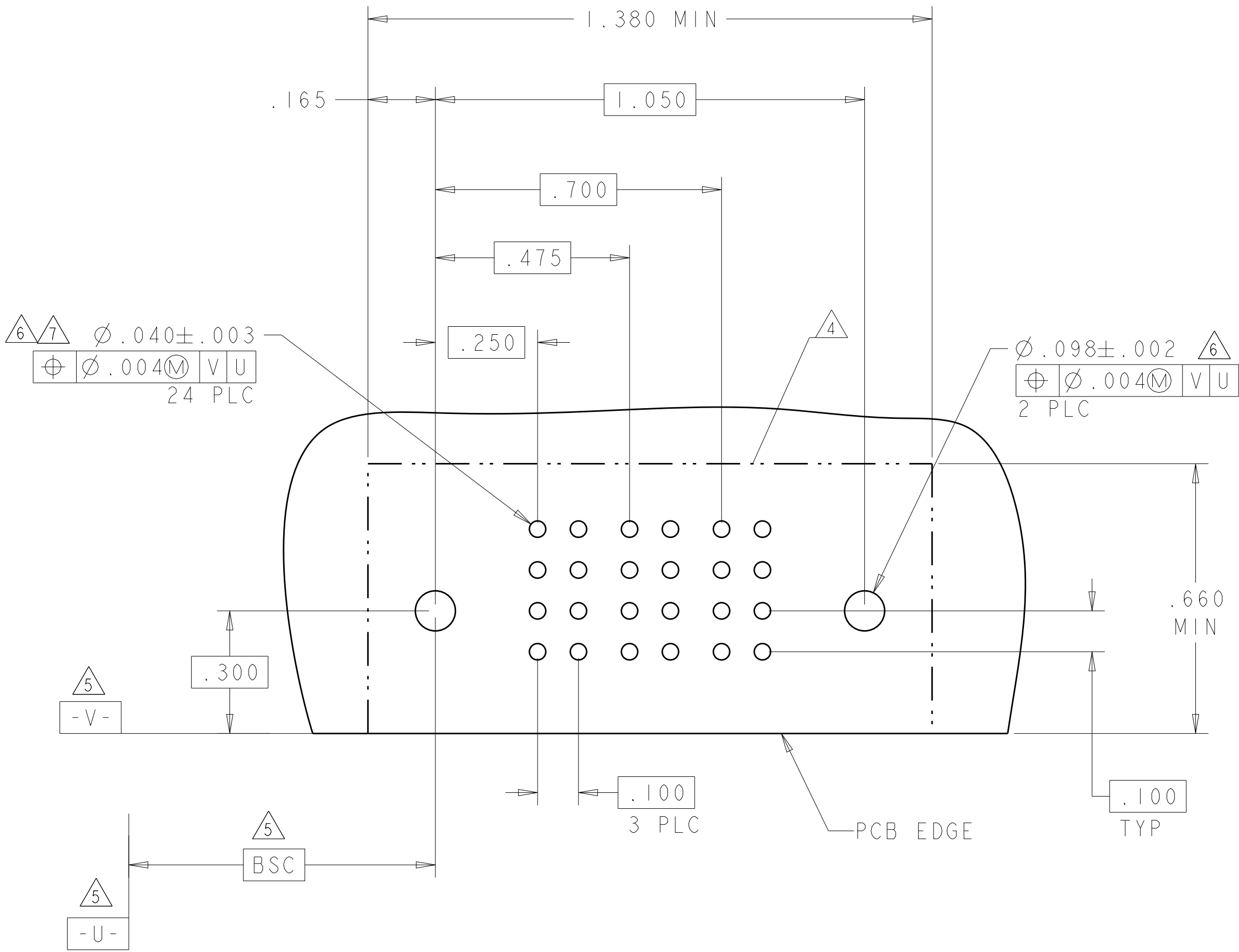


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	02FEB05	TE Connectivity	
		CHK M. PERCHERKE	02FEB05		
DIMENSIONS:		APVD M. PERCHERKE	02FEB05	NAME	
INCHES		PRODUCT SPEC		RIGHT ANGLE HEADER W/GUIDES ASSEMBLY	
		108-1973		MULTI-BEAM XL	
		APPLICATION SPEC			
		114-13038			
		WEIGHT			
MATERIAL		CUSTOMER DRAWING			

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

PART NUMBER	ROWS		POWER	SIGNAL		POWER	
			P1	1	2	P2	
6-6450120-8	D C B A		PM	J	J	PM	
				K	K		
				N	N		
				S	S		
IP + 8S + IP		HD					HD

PART NUMBER	ROWS		POWER					SIGNAL											POWER	
			P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	9	10	11	P6	
7-6450120-0	D C B A		PM	PM	PM		PM	J		J		J		J		E		E	PM	
								G	N		N		N		K	F		F		
								H	H	H	H	H	H	S	S	H		H		
5P + 44S + 1P		HD																		HD



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

R. GRZYBOWSKI

02FEB05

CHK

M. PERCHERKE

02FEB05

APVD

M. PERCHERKE

02FEB05

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±"

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES ±2°

FINISH

MATERIAL

-

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

R. GRZYBOWSKI

02FEB05

CHK

M. PERCHERKE

02FEB05

APVD

M. PERCHERKE

02FEB05

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

NAME

RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL

SIZE

CAGE CODE

DRAWING NO

A100779

C=6450120

RESTRICTED TO

-

SCALE

4:1

SHEET

23

OF

24

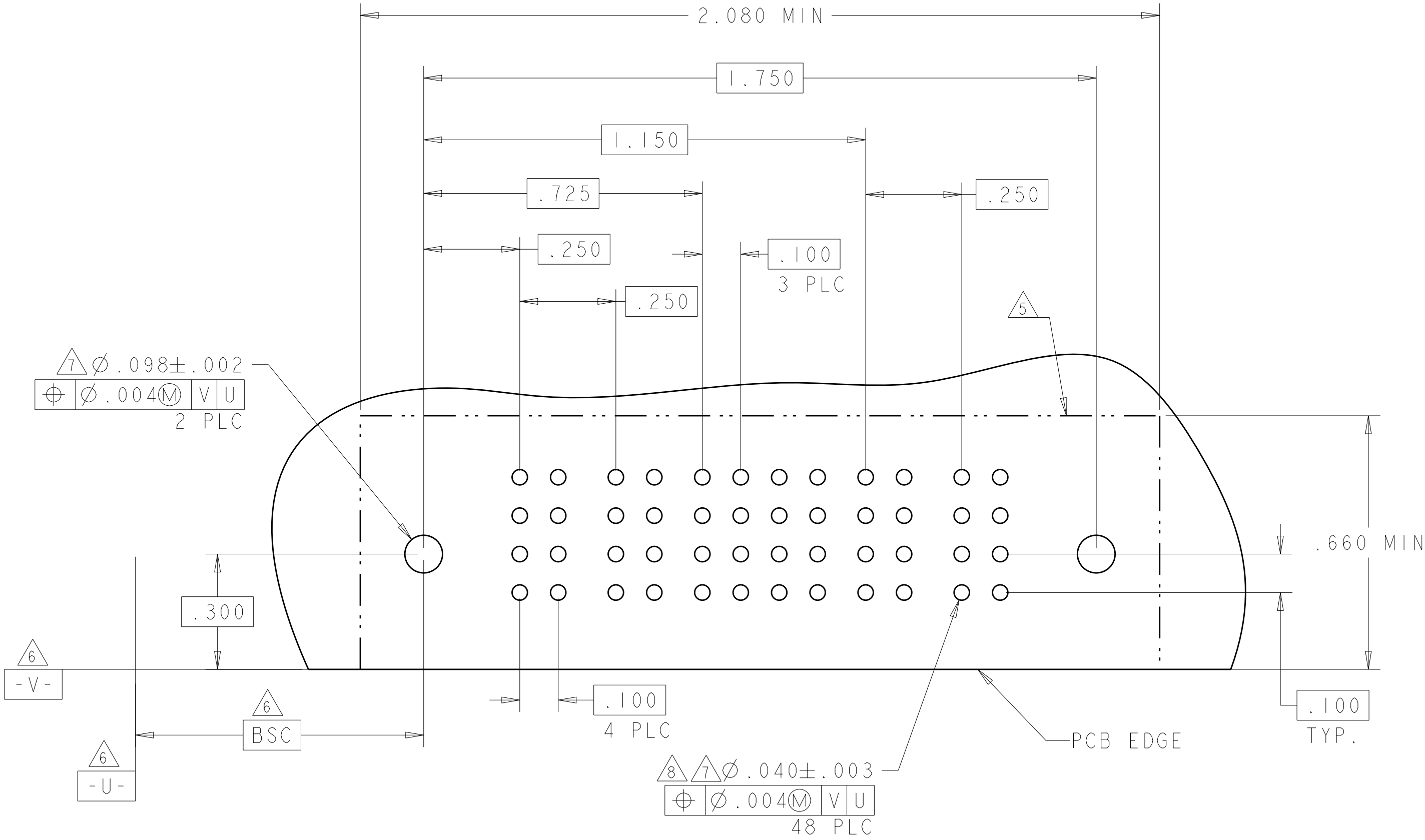
REV

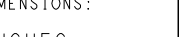
M2

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

M2

PART NUMBER	ROWS		POWER		SIGNAL				POWER			
			P1	P2	1	2	3	4	P3	P4		
7-6450120-1	D			PM	PM	E	E	E	E	PM	PM	
	F					F	F	F				
	N					N	N	N				
	H					H	H	H				
2P + 16S + 2P												



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	02FEB05	 TE Connectivity		
DIMENSIONS: INCHES		CHK M.PERCHEKKE	02FEB05			
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES #2° FINISH	APVD M.PERCHEKKE	02FEB05	NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL		
		PRODUCT SPEC 108-1973		SIZE A100779		
		APPLICATION SPEC 114-13038		CAGE CODE C=6450120		
		WEIGHT -		RESTRICTED TO -		
MATERIAL -		CUSTOMER DRAWING		SCALE 4:1		
				SHEET 24		
				OF 24		
				REV M2		

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[2-6450120-7](#)