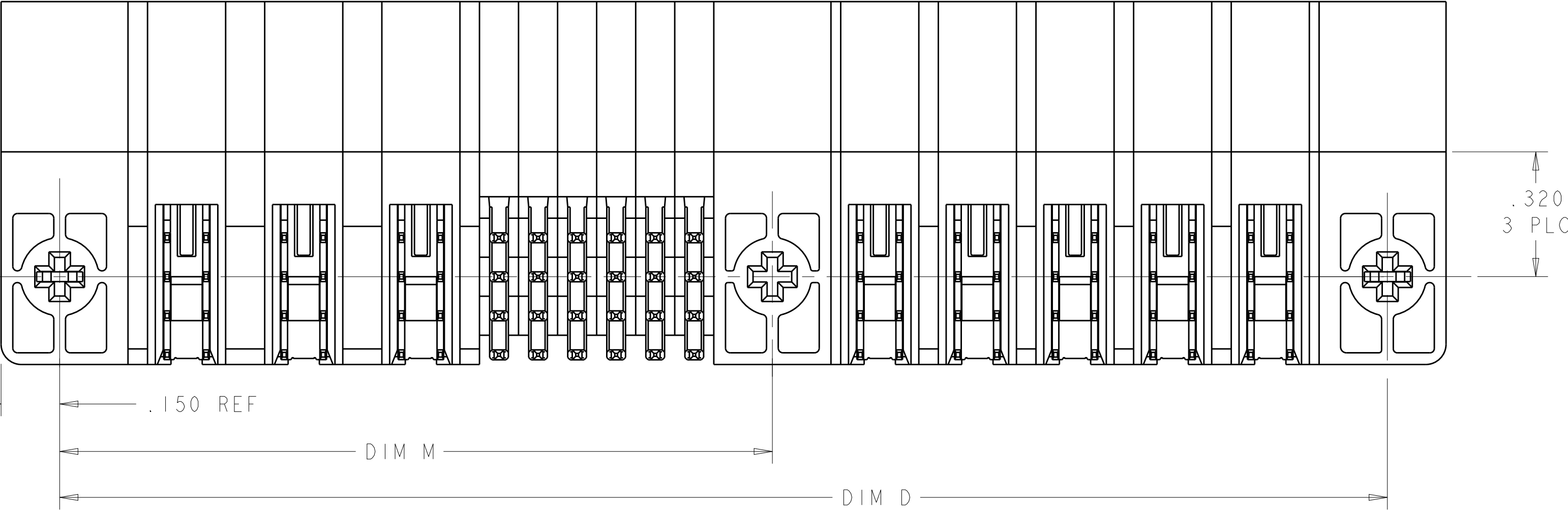
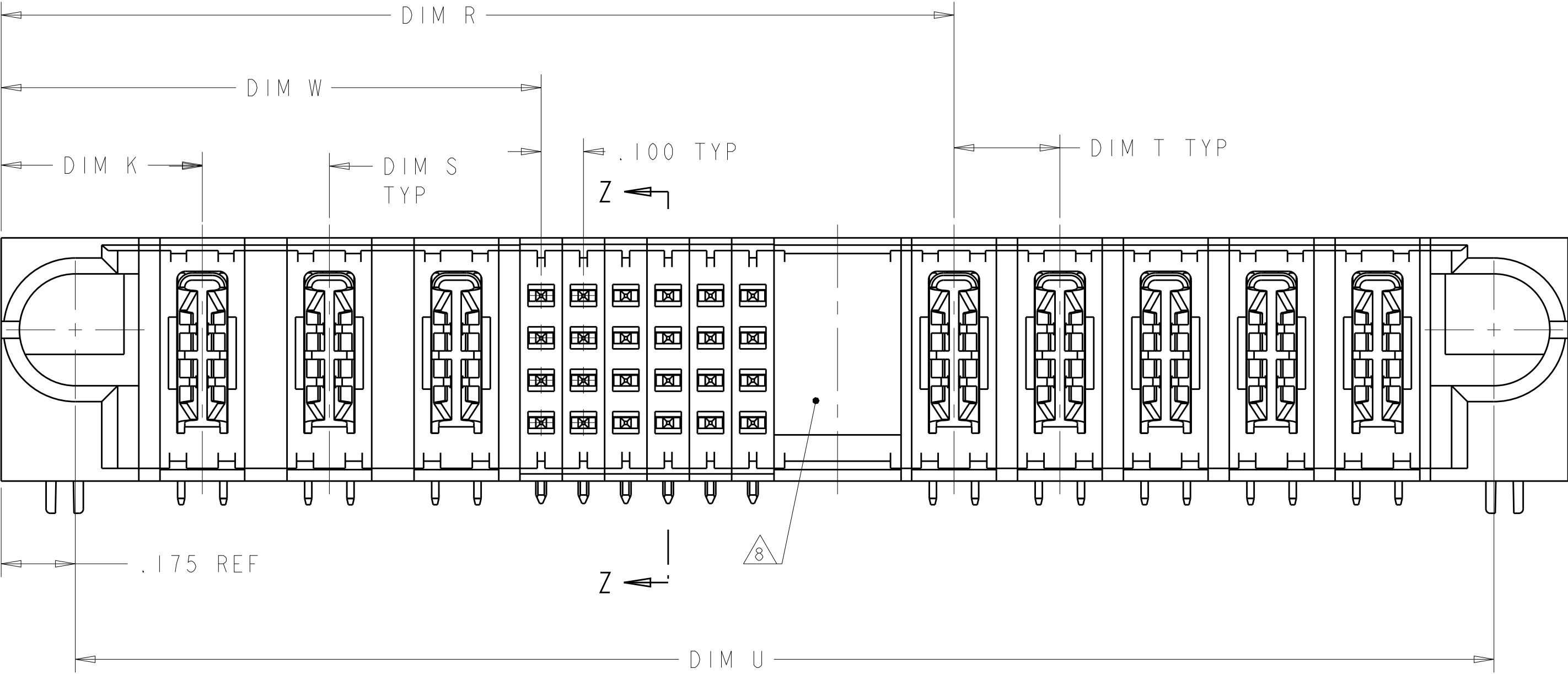
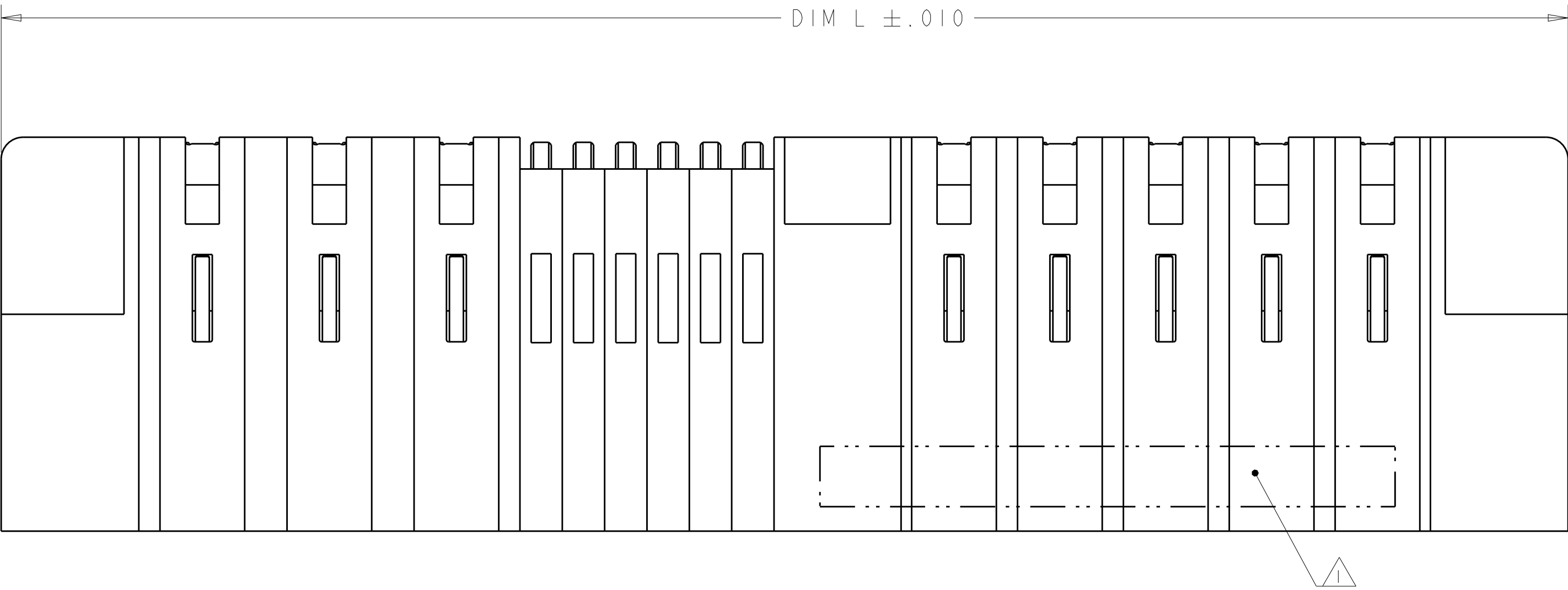
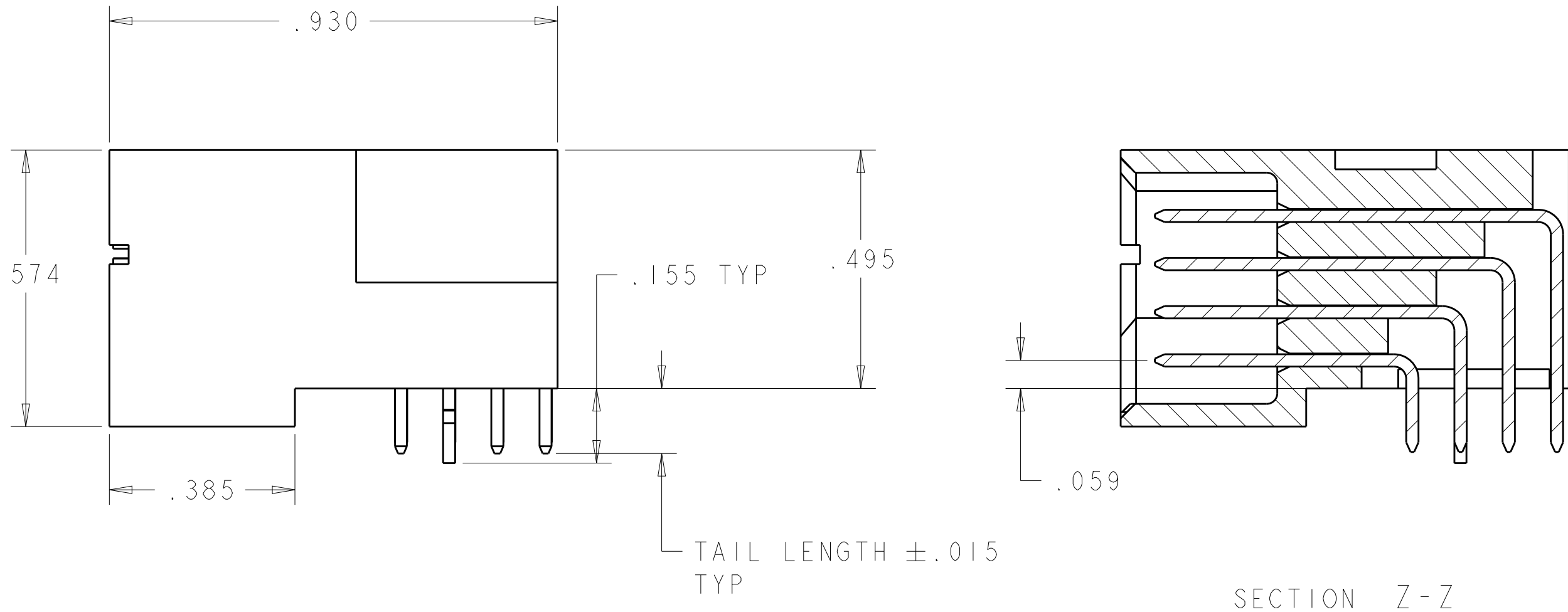


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
ES	00		M1	ADD NEW DASH NUMBER 7-0	08FEB2014	AL	SZ	
			M2	ADD NEW DASH NUMBER	21MAR2014	AL	SZ	



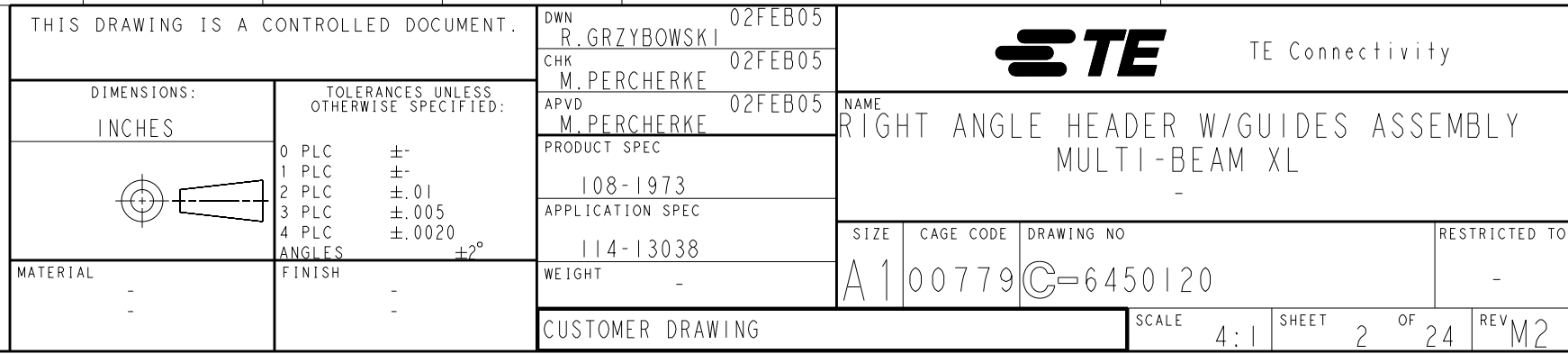
- 1 "AMP" PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN. PARTS UNDER 2.500 LONG MAY BE MARKED ON BOTH SIDES.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL 94 V-0
SIGNAL CONTACT - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
- 3 CONTACT FINISHE:
NOBLE METAL PLATED 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.



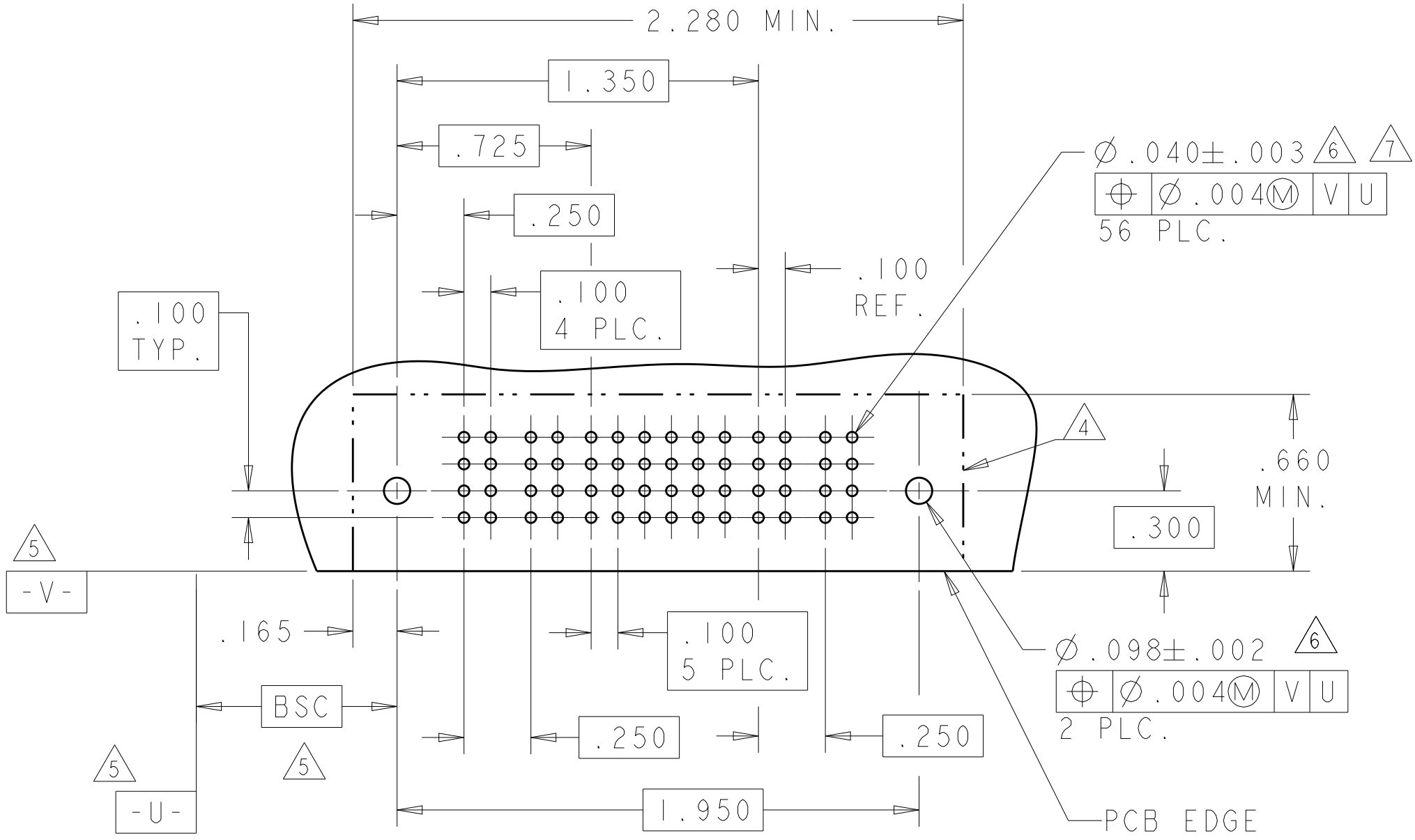
SECTION Z-Z

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

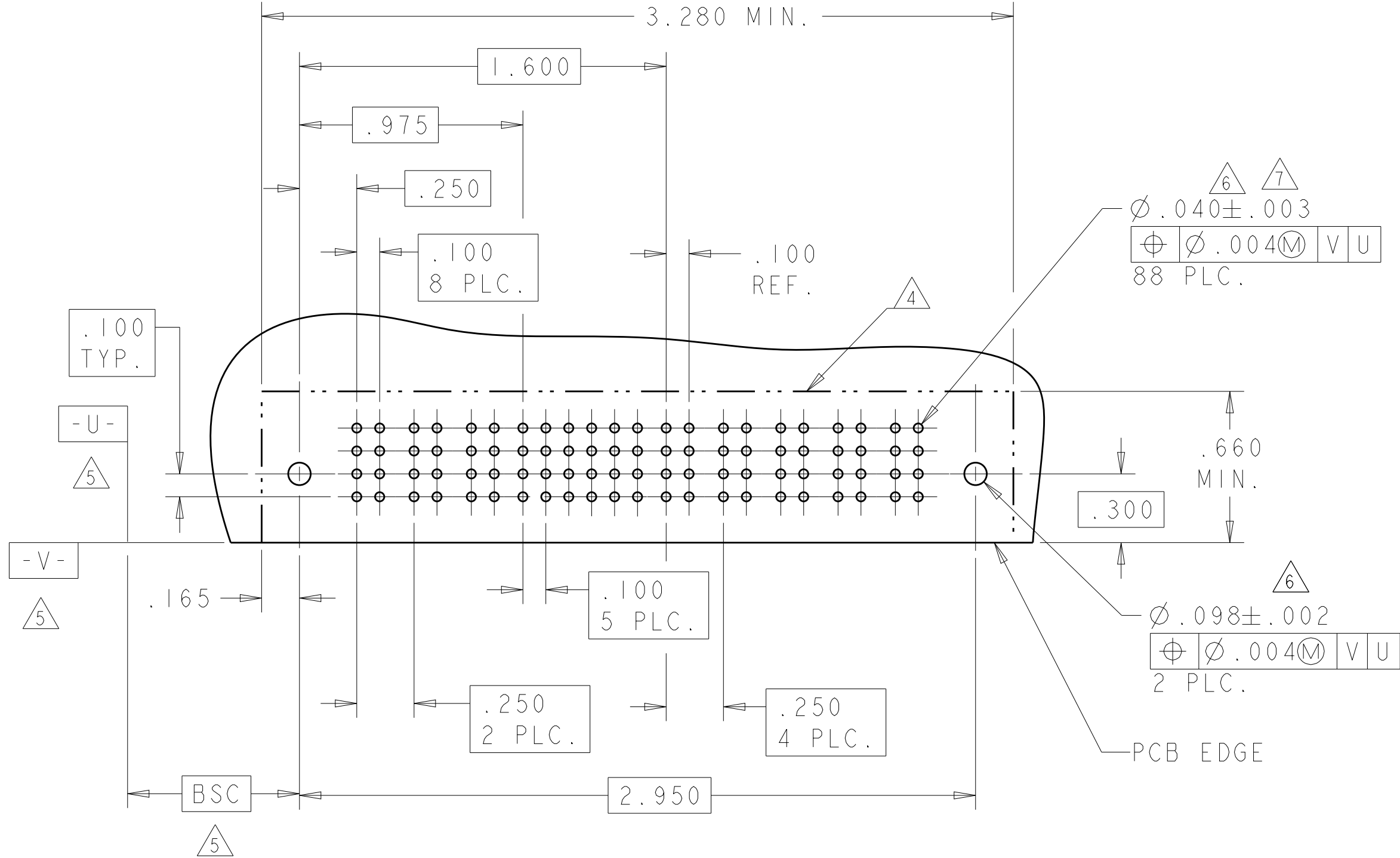
1.700	.250	.250	1.300	.875	1.750	-	2.050	.450	2P+16S+2P	7-6450120-1
2.700	.200	-	2.600	1.425	2.750	-	3.050	.450	5P + 44S + 1P	7-6450120-0
1.100	-	-	1.000	.625	1.150	-	1.450	.450	1P+12S+1P	6-6450120-9
1.000	-	-	.900	.625	1.050	-	1.350	.450	1P + 8S + 1P	6-6450120-8
2.850	.300	.200	2.125	1.825	2.900	-	3.200	.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



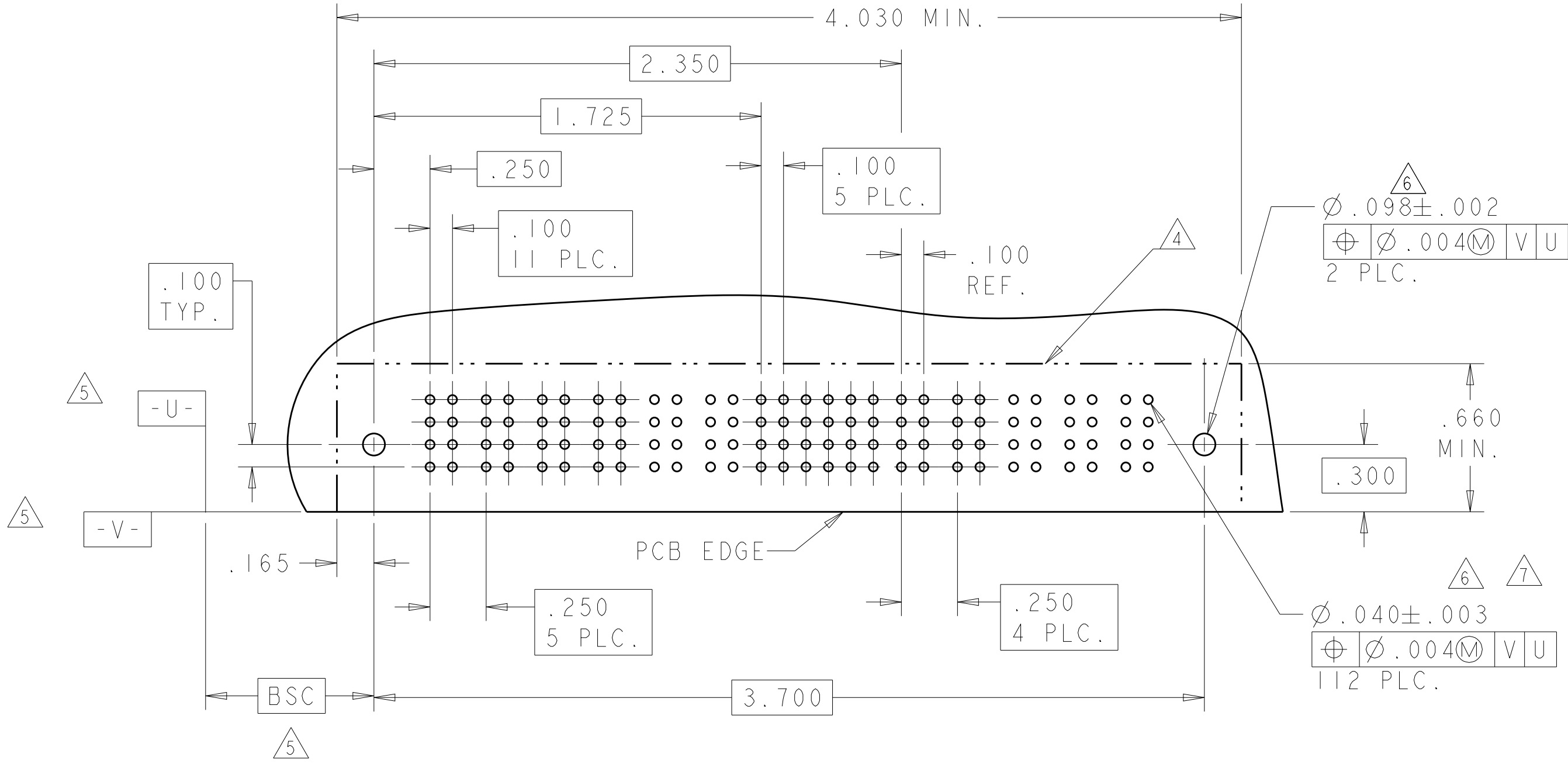
PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
6450120-2	D C B A		PM	PM	J	J	J	J	J	J	PM	PM	
					K	K	K	K	K	K			
					N	N	N	N	N	N			
					S	S	S	S	S	S			
2P + 24S + 2P													



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



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		PM	PM	PM	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						
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

PD	.165
PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: 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°

MATERIAL: -
FINISH: -

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: 100779
DRAWING NO: 6450120

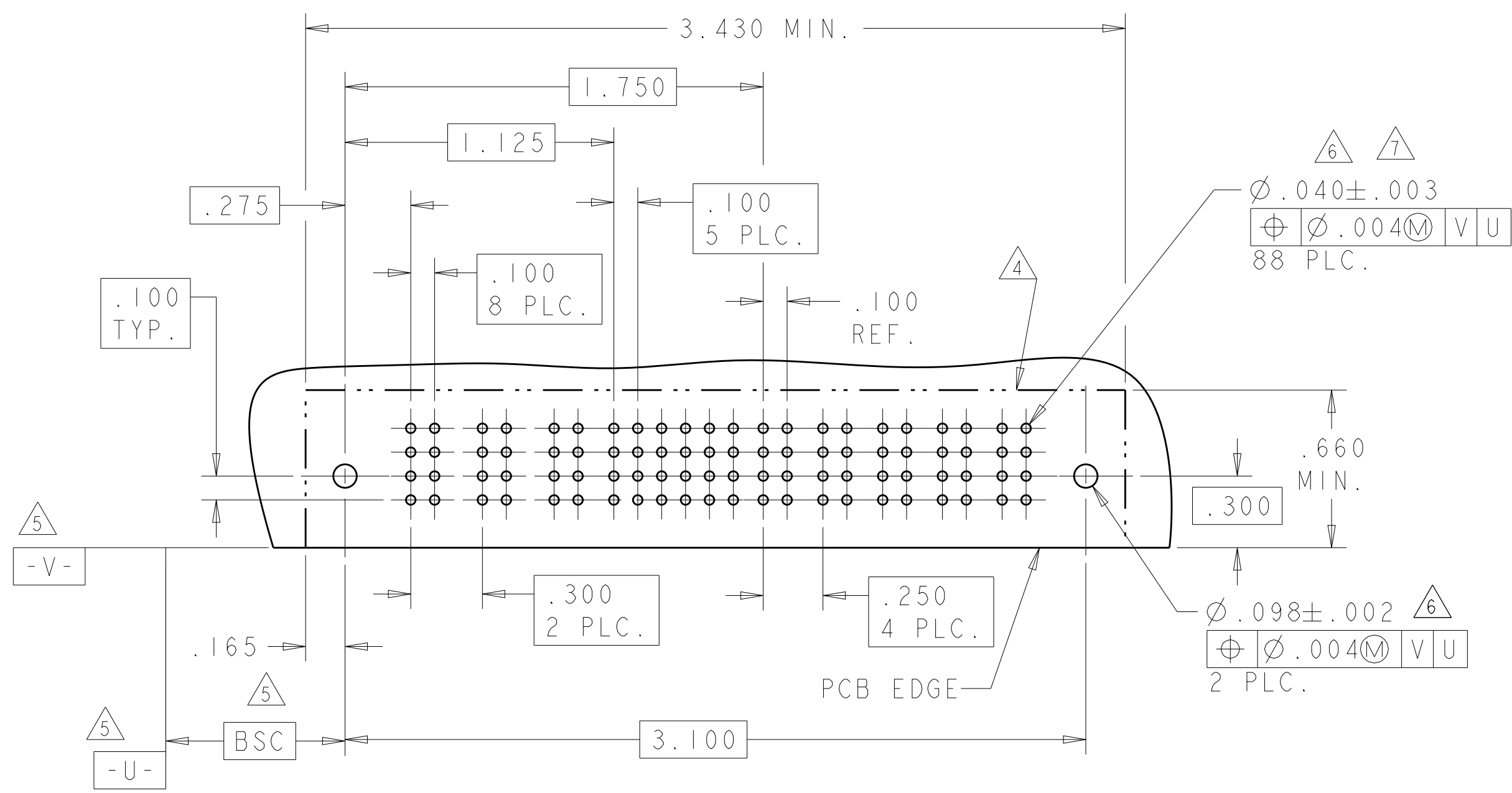
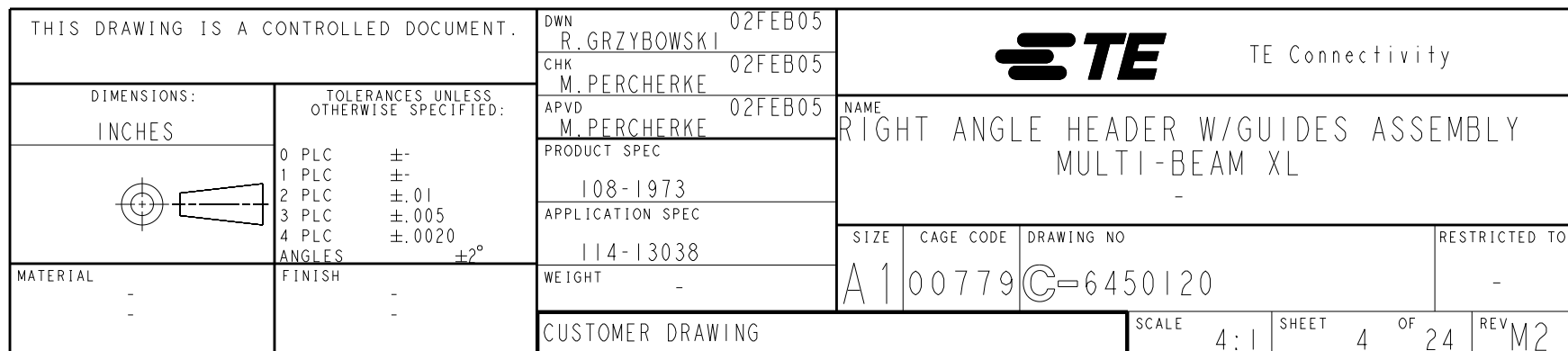
RESTRICTED TO: -

SCALE: 4:1

SHEET: 3 OF 24

REV: M2

PART NUMBER	ROWS		POWER			SIGNAL						POWER					
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	
6450120-7	D		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

[illegible]

[illegible]

4.530 MIN.

2.600

1.975

.250

.100
13 PLC.

.100
5 PLC.

.100
REF.

4

$\varnothing .040 \pm .003$
128 PLC.

$\varnothing .004 \text{ (M)}$ V U

6 7

.660 MIN.

.300

5

-U-

5

-V-

5

.165

.250
6 PLC.

.250
5 PLC.

PCB EDGE

$\varnothing .098 \pm .002$ 6

$\varnothing .004 \text{ (M)}$ V U

2 PLC.

BSC

4.200

5

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

[illegible][illegible]

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	
		PRODUCT SPEC 108-1973		SIZE A1	
0 PLC ± 1 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 <i>2x</i> ANGLES		APPLICATION SPEC 114-13038		CAGE CODE 100779	
MATERIAL -		FINISH -		DRAWING NO C6450120	
WEIGHT -		RESTRICTED -		SCALE 4:1	
CUSTOMER DRAWING		SHEET 5		REV 24	

.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

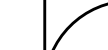
6

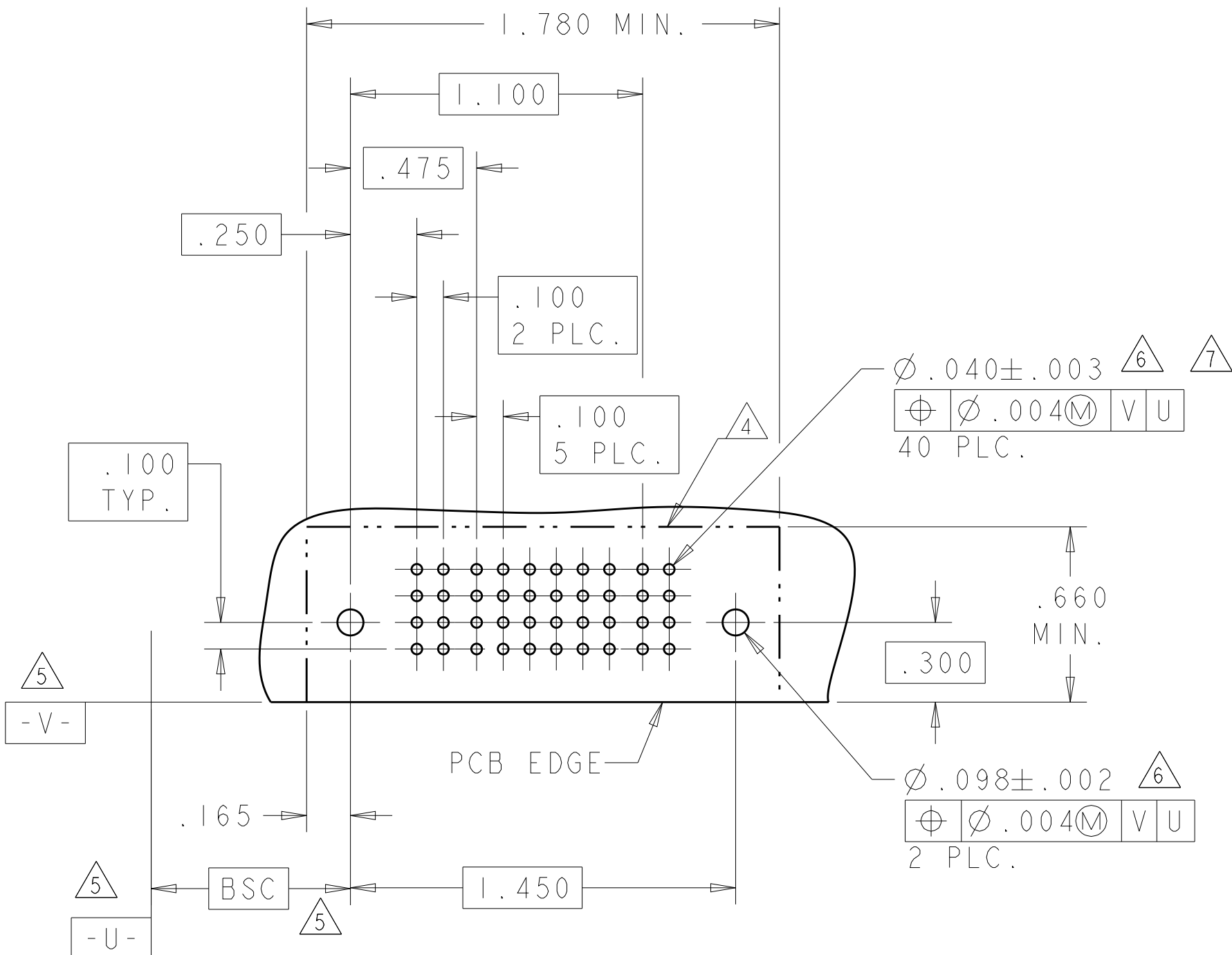
BSC

2.450

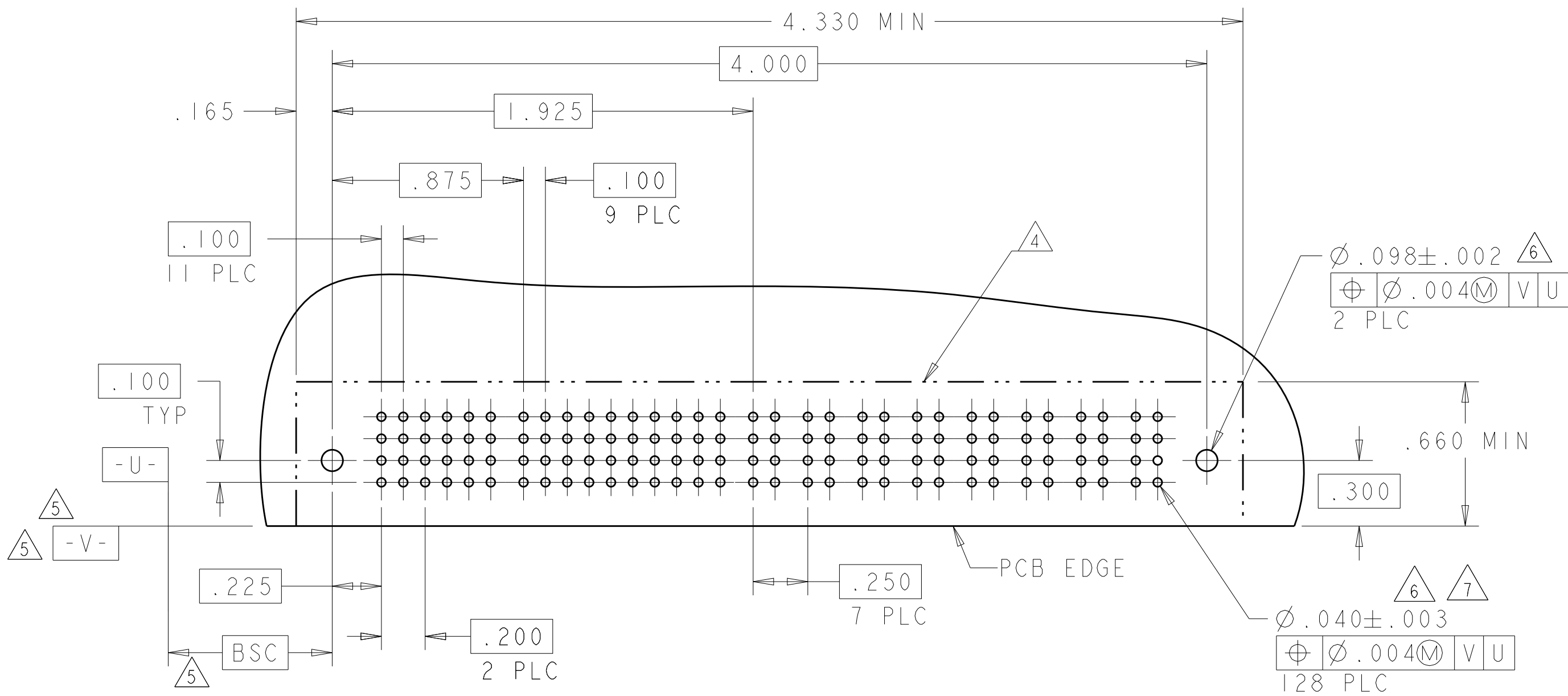
.165
 1.580 MIN
 1.250
 .900
 .475
 .250
 .100 TYP
 .660 MIN
 .300
 .098 ± .002
 .040 ± .003
 .004 (M) V U
 32 PLC
 2 PLC
 PCB EDGE
 BSC
 .100 3 PLC
 -V-
 -U-

[illegible]

PART NUMBER	ROWS	POWER		SIGNAL						POWER		
		PI		1	2	3	4	5	6	P2		
1-6450120-6	D		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

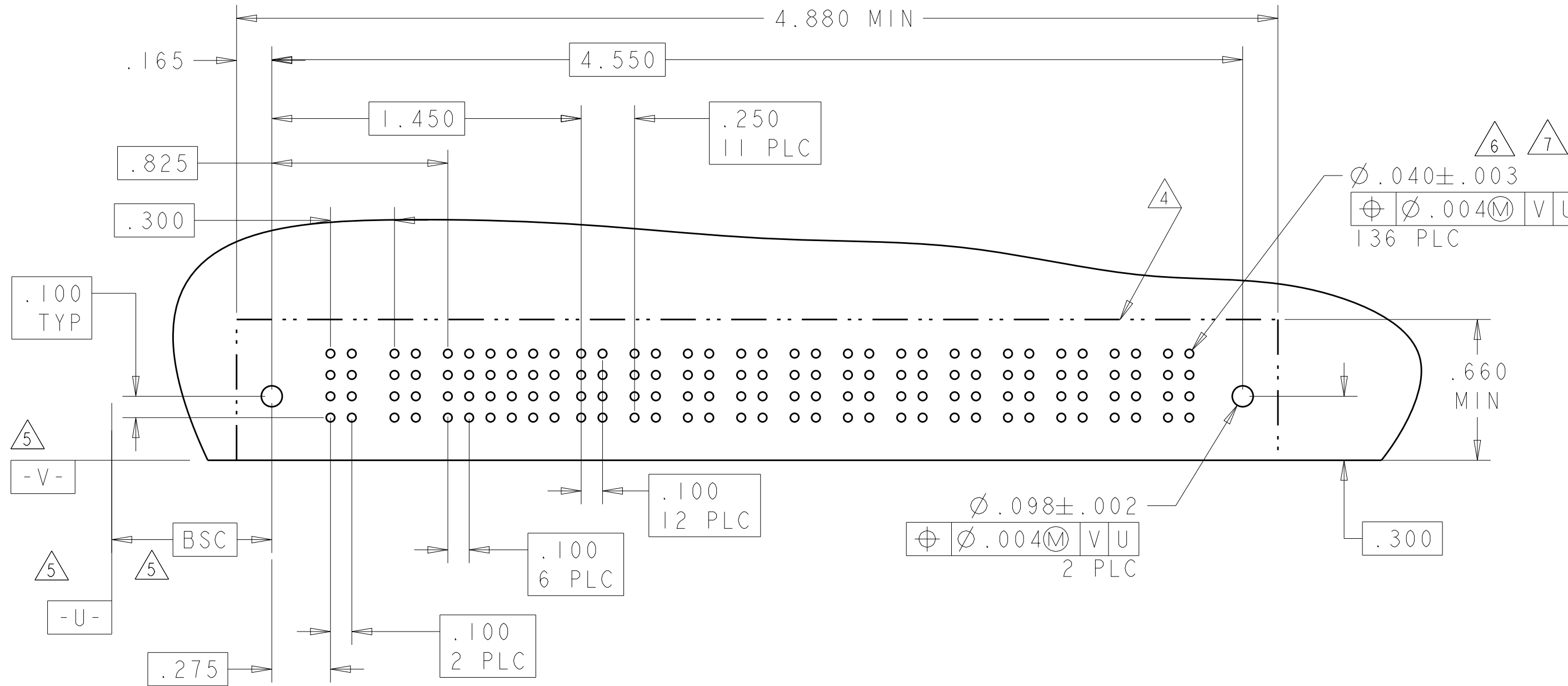


PART NUMBER	ROWS		POWER			SIGNAL										POWER								
			P1	P2	P3	1	2	3	4	5	6	7	8	9	10	P4	P5	P6	P7	P8	P9	P10	P11	
2-6450120-0	D		PM	PM	PM	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	
	K					K	K	K	K	K	K	K	K	K	K									
	N					N	N	N	N	N	N	N	N	N	N									N
	S					S	S	S	S	S	S	S	S	S	S									S
3P + 40S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

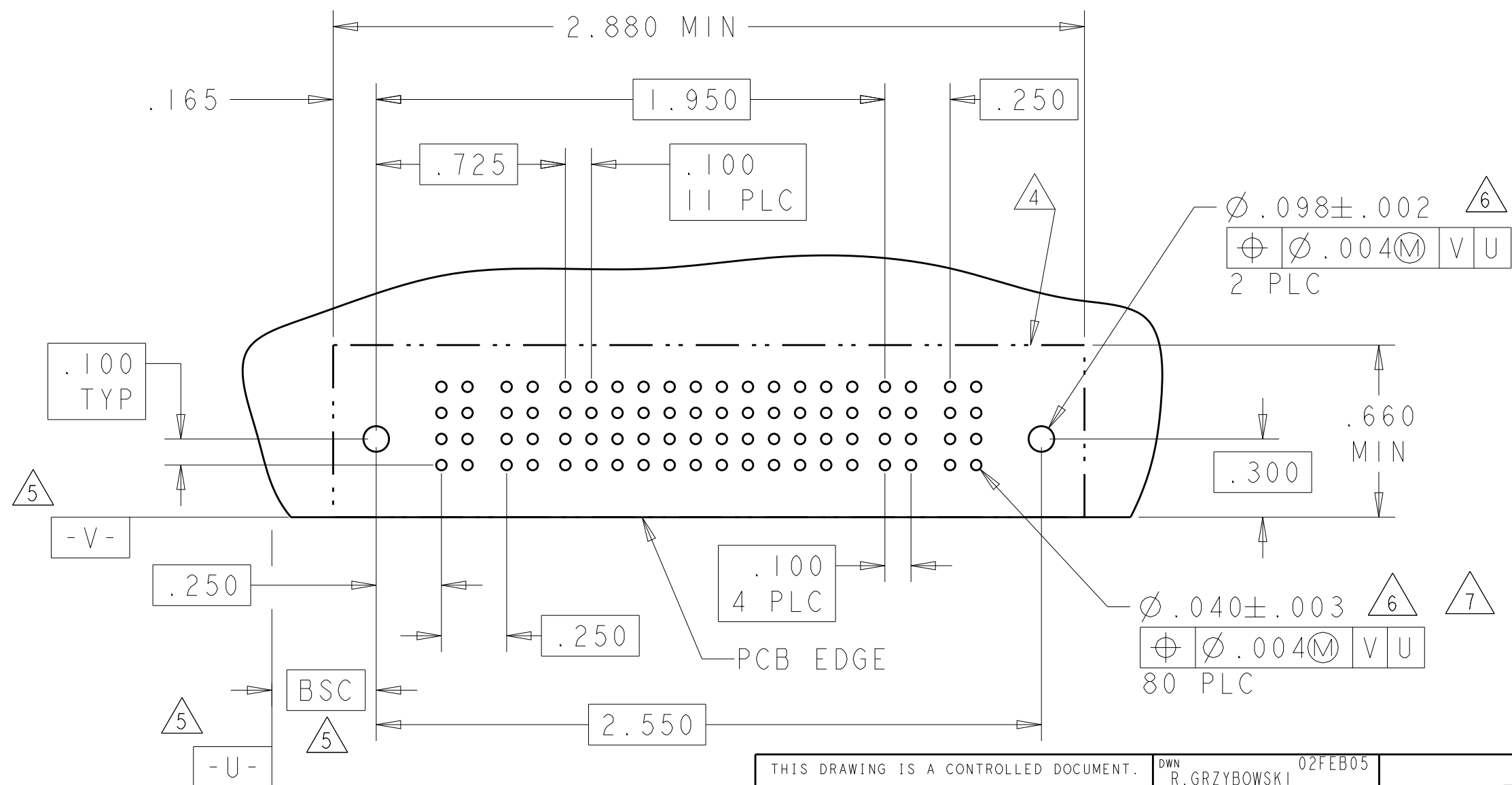


LOC		DIST		REVISIONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
ES	00	-	SEE SHEET 1	-	-	-	

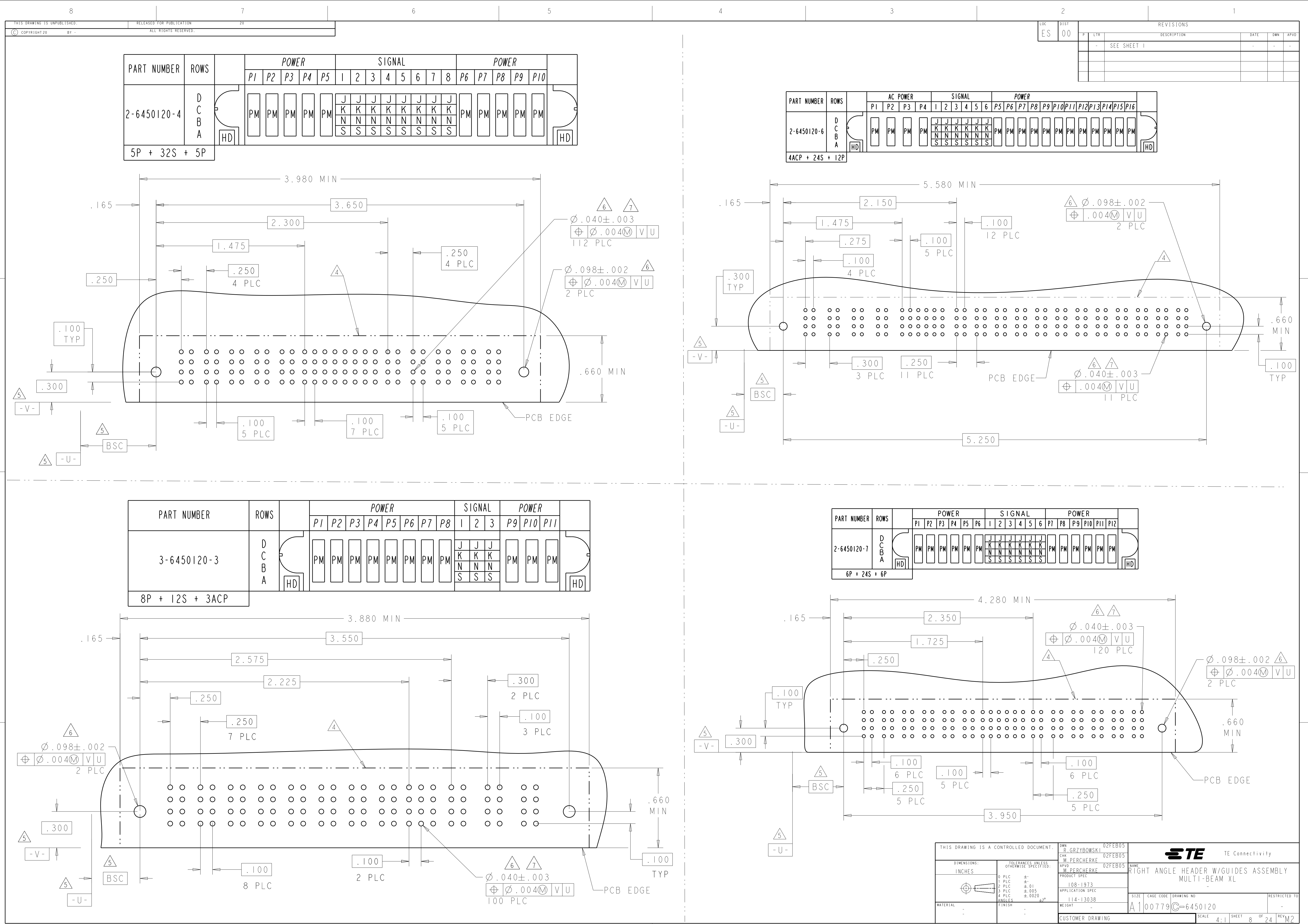
PART NUMBER	ROWS		POWER		SIGNAL						POWER														
			P1	P2	1	2	3	4	5	6	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14			
2-6450120-2	D		PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM			
	K				K	K	K	K	K	K															
	N				N	N	N	N	N	N															
	S				S	S	S	S	S	S															
A	A				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



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					J	J	J	J	J	J	J	J	J	J	J				
	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
	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	CHK M.PERCHEKKE 02FEB05	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
0 PLC ±.01		1 PLC ±.01		PRODUCT SPEC	
2 PLC ±.01		3 PLC ±.01		108-1973	
4 PLC ±.002		ANGLES ±.002		APPLICATION SPEC	
MATERIAL		FINISH		114-13038	
				WEIGHT	
				CUSTOMER DRAWING	
				SIZE CAGE CODE DRAWING NO	
				A100779C=6450120	
				RESTRICTED TO	
				SCALE 4:1 SHEET 7 OF 24 REV M2	



The top view drawing shows a rectangular PCB with overall dimensions of 4.380 MIN by .660 MIN. The drawing includes various dimension callouts and feature specifications:

- Overall Dimensions:** 4.380 MIN (length) and .660 MIN (width).
- Internal Dimensions:** 2.500, 1.675, .165, .250, .100, .100, .200, .100, .300, .4.050.
- Tolerances and Features:**
 - Hole diameters: $\varnothing .040 \pm .003$, $\varnothing .098 \pm .002$.
 - Positional tolerances: $\oplus .004 M V U$, $\oplus .004 M V U$.
 - Feature control frames: 6, 7, 4, 5, 3.
 - Plating Callouts: 144 PLC, 7 PLC, 7 PLC, 2 PLC, 6 PLC, TYP.
 - Other labels: BSC, PCB EDGE, -V-, -U-.

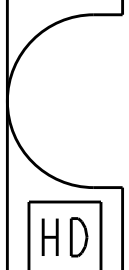
[illegible]4805 (3/11)

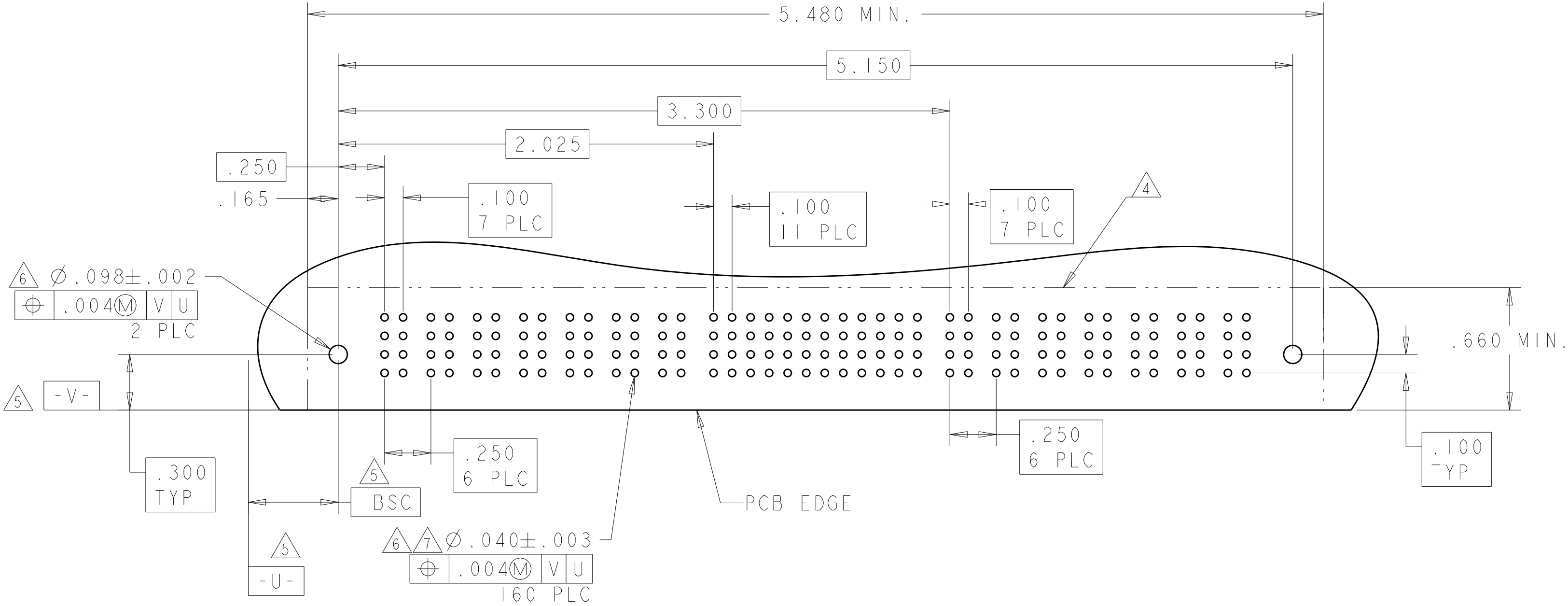
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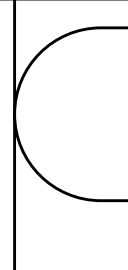
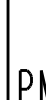
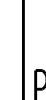
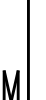
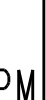
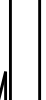
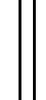
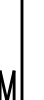
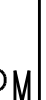
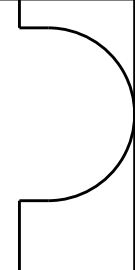
Top view drawing of a PCB showing dimensions and features. The drawing includes a grid of 148 holes (12x12) and various dimensions. Key dimensions include: overall width 4.980 MIN, overall height 1.65, and a central width of 3.050. Hole diameters are specified as $\phi .0098 \pm .002$ (2 PLC) and $\phi .004 \pm .003$ (148 PLC). The drawing also shows a BSC (Basic Size) dimension of .300 and a .660 MIN dimension for the hole spacing. The PCB edge is indicated by a dashed line.

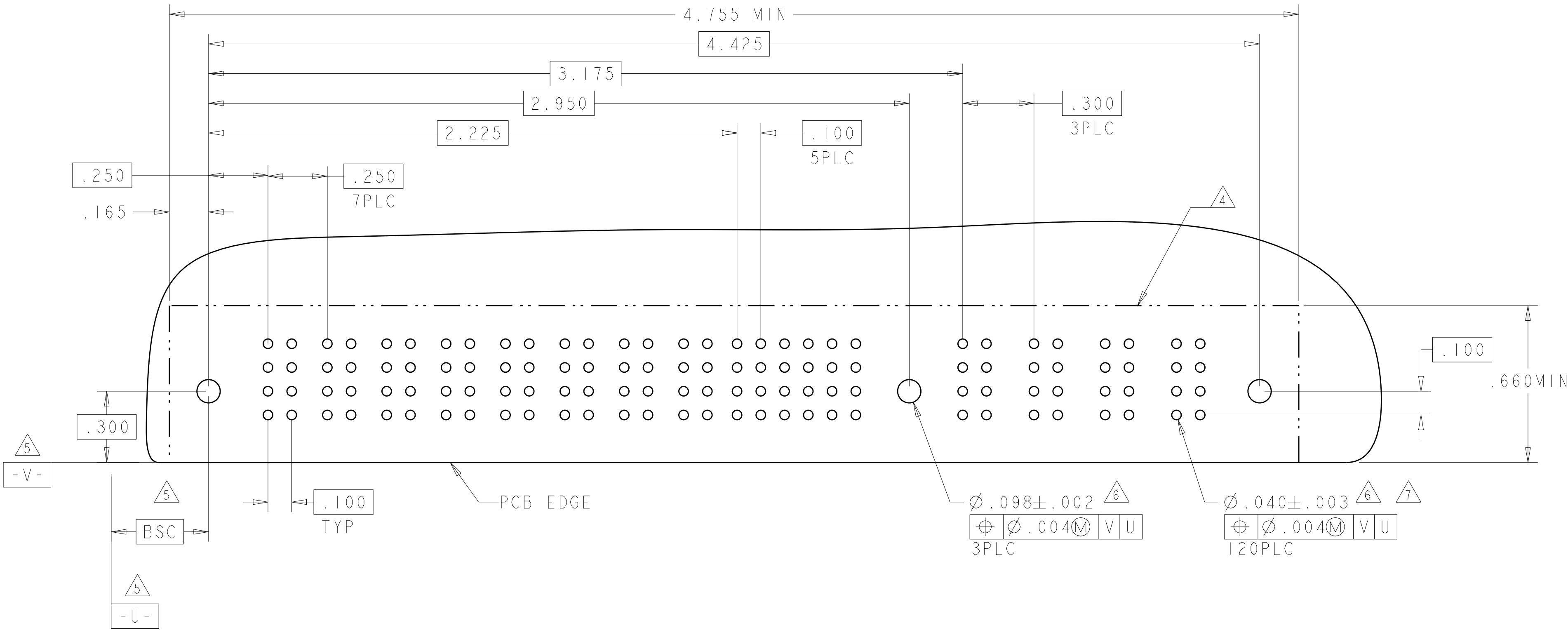
4805 (3/11)

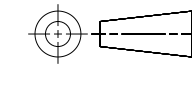
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER							SIGNAL												POWER										
			P1	P2	P3	P4	P5	P6	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																																



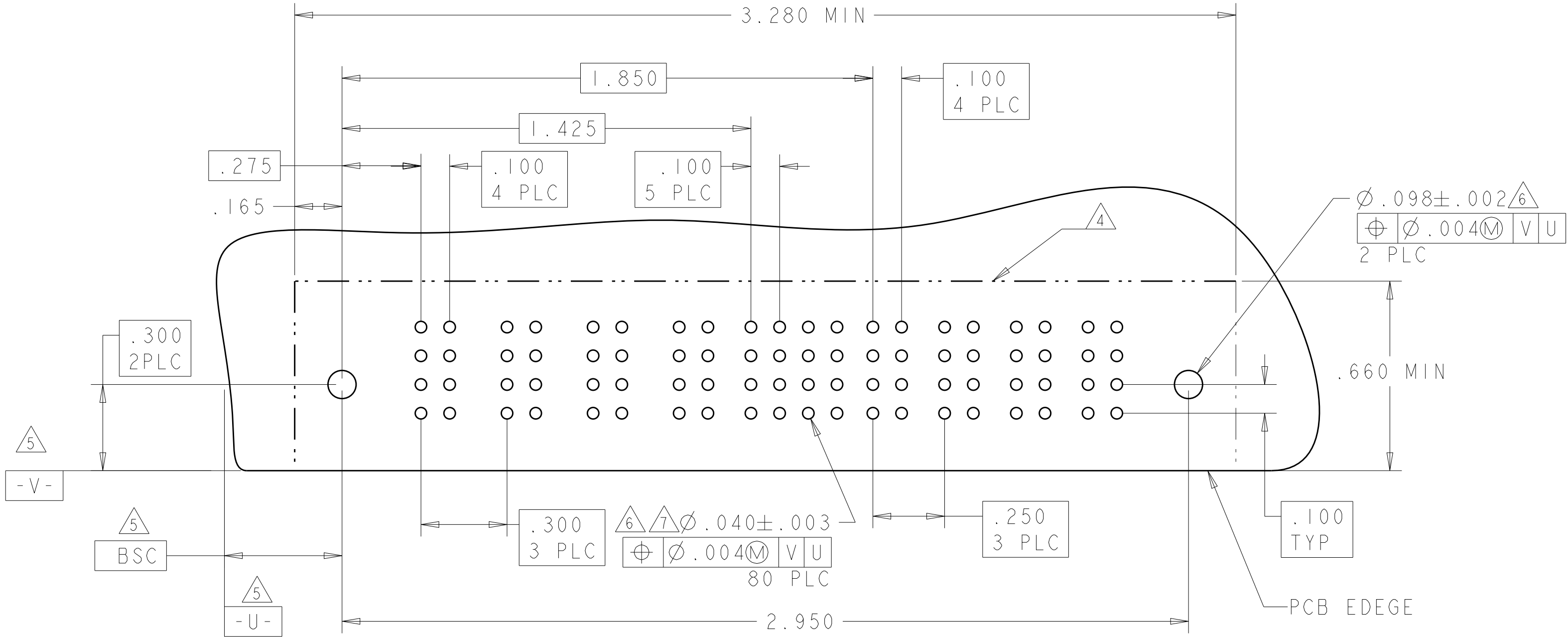
PART NUMBER	ROWS		POWER								SIGNAL							POWER				
			P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6		P9	P10	P11	P12	
4-6450120-2	D C B A										J	J	J	J	J	J						
											K	K	K	K	K	K						
											N	N	N	N	N	N						
											S	S	S	S	S	S						
8P + 24S + 1M + 4ACP																						



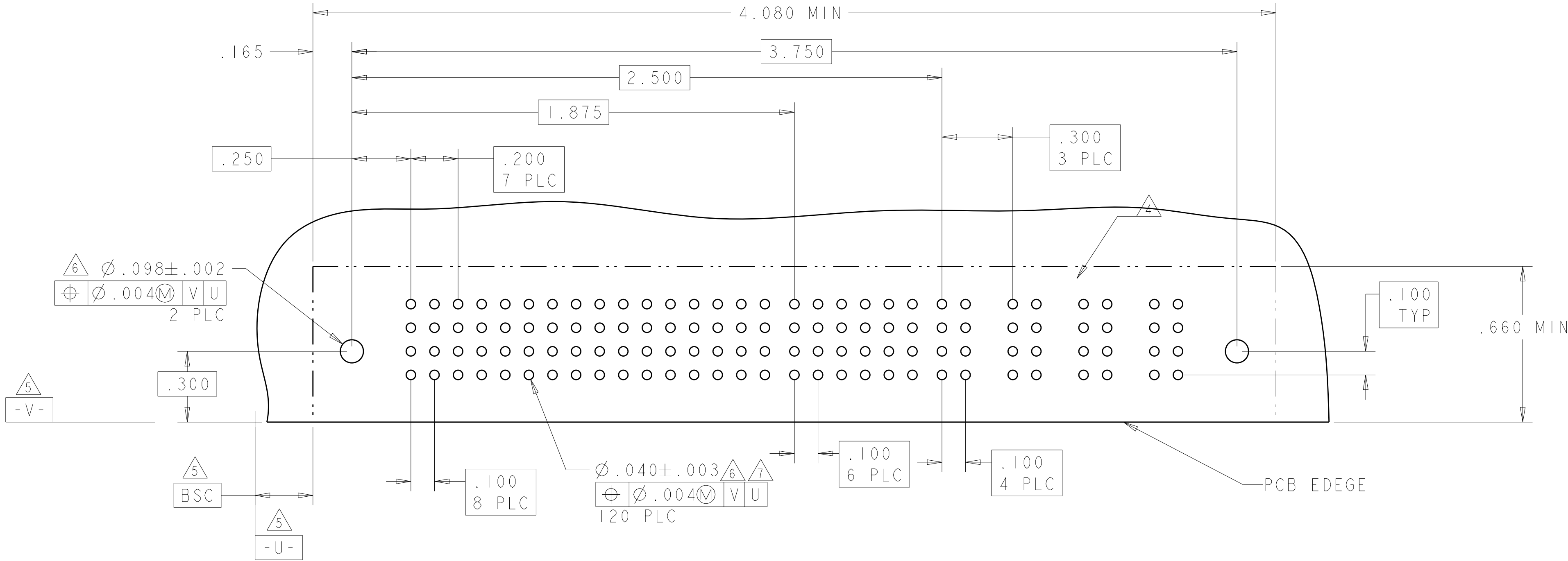
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	02FEB05	 TE Connectivity		
		CHK M.PERCHEKKE	02FEB05			
DIMENSIONS:		APVD M.PERCHEKKE	02FEB05	NAME	RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL	
INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	108-1973	
		0 PLC ±"		APPLICATION SPEC	114-13038	
		1 PLC ±.01		ANGLES	±.0020	
MATERIAL		FINISH		WEIGHT	-	
-		-		CUSTOMER DRAWING	SCALE 4:1 SHEET 11 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	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									J	J	J	J	J	J						
										K	K	K	K	K	K						
										N	N	N	N	N	N						
										S	S	S	S	S	S						
8P + 24S + 4ACP																					



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
R.GRZYBOWSKI
CHK
M.PERCHEKKE
APVD
M.PERCHEKKE

02FEB05
02FEB05
02FEB05

DIMENSIONS:
INCHES

MATERIAL
-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±.01
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.002
ANGLES ±2°
FINISH

02FEB05
108-1973
APPLICATION SPEC
114-13038
WEIGHT
-

TE Connectivity

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

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=6450120

RESTRICTED TO
-

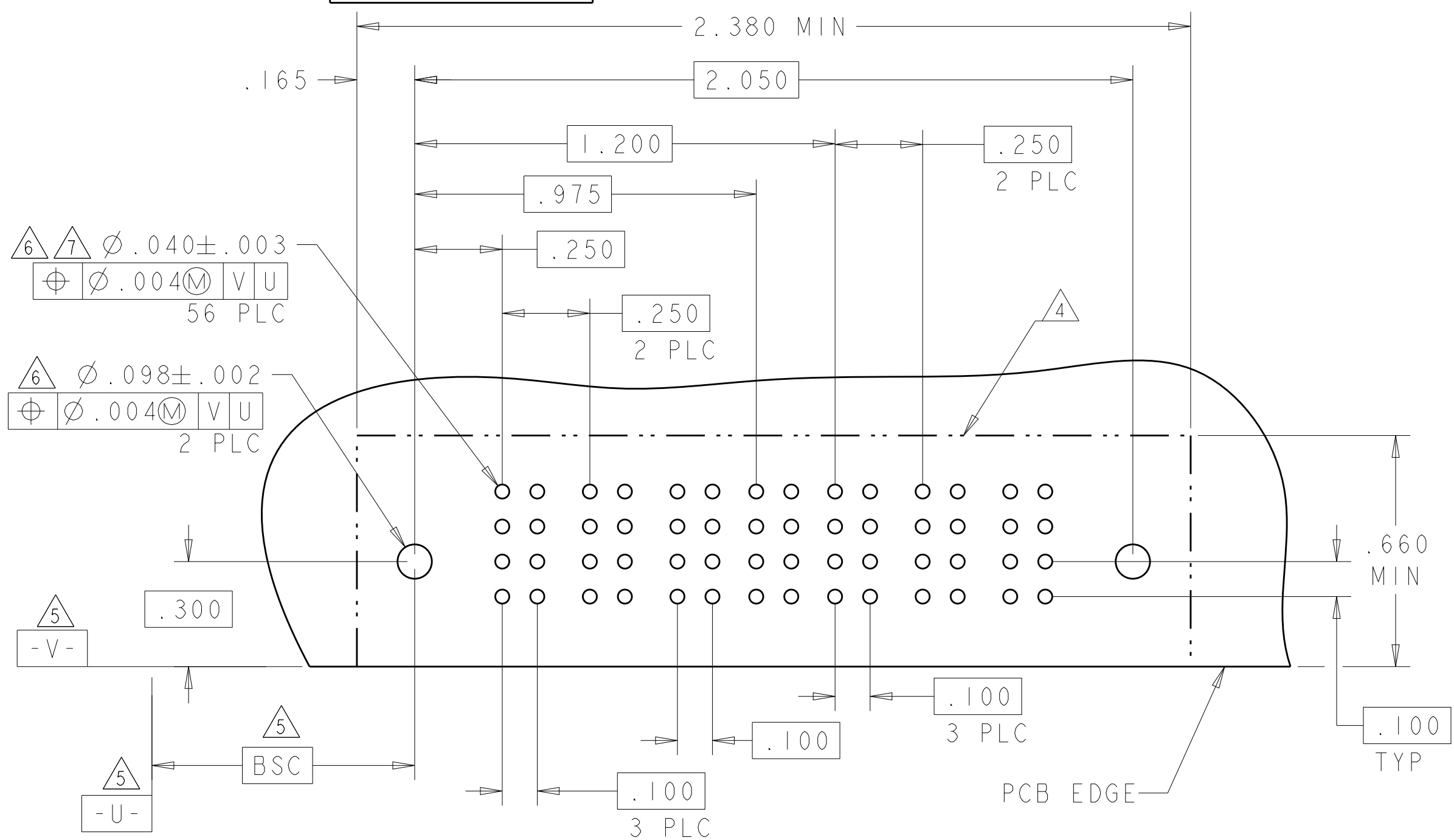
CUSTOMER DRAWING

SCALE
4:1

SHEET
12

OF
24

REV
M2

[illegible]

2.280 MIN.

1.350

.725

.250

.100
4 PLC

Ø.040±.003
56 PLC.

.100
TYP.

4

.660
MIN.

.300

.165

BSC

.100
5 PLC.

.250

.250

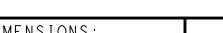
Ø.098±.002
2 PLC.

PCB EDGE

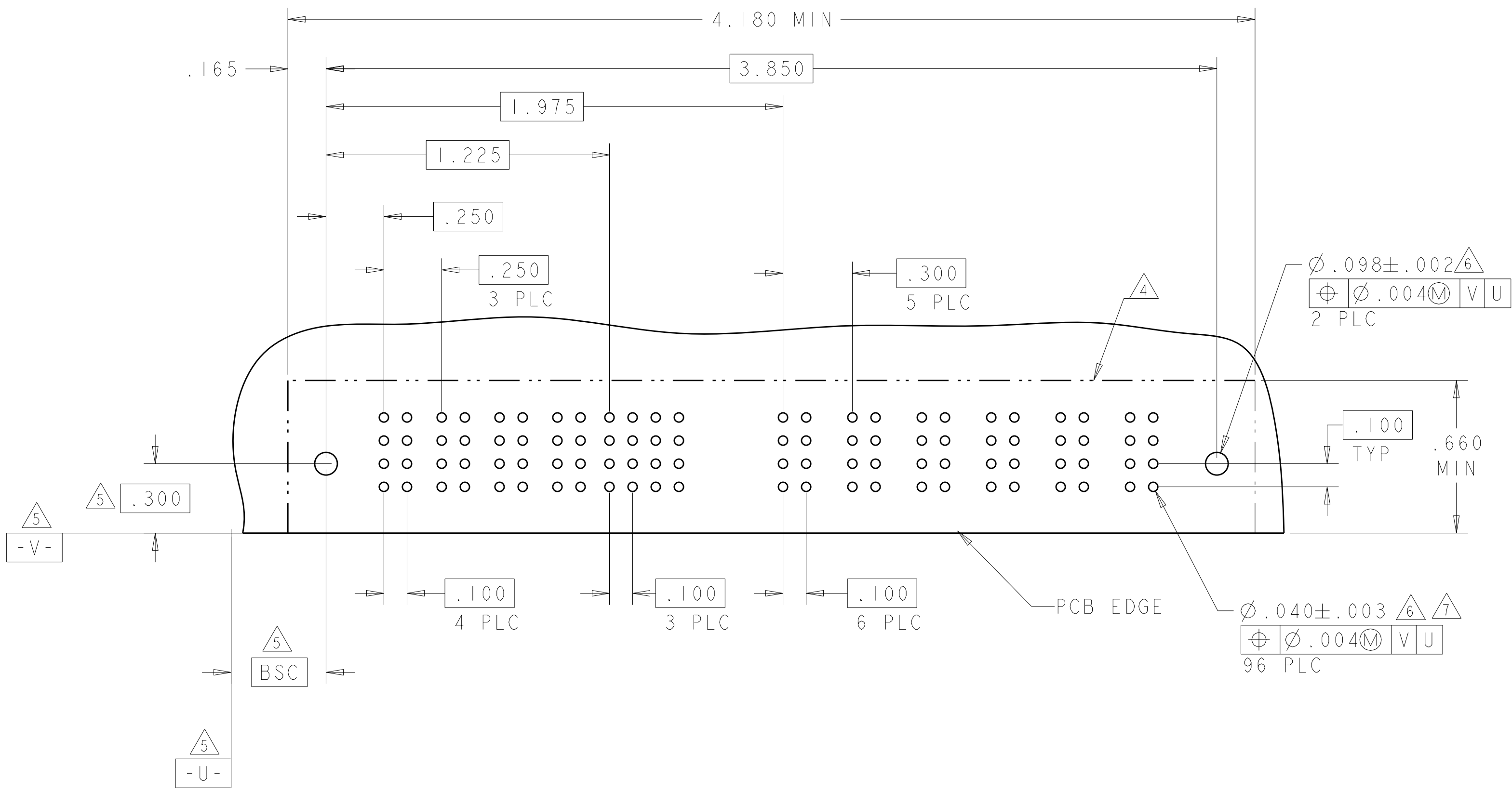
1.950

5
-V-

5
-U-

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GRZYBOWSKI 02FEB05 CHG M. PERCHERKE 02FEB05 APP M. PERCHERKE 02FEB05		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL	
		0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±0°		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	
MATERIAL -		FINISH -		SIZE CAGE CODE DRAWING NO RESTRICTED TO A100779C6450120 -	
CUSTOMER DRAWING		WEIGHT -		SCALE 4:1 SHEET 13 OF 24 REV M	

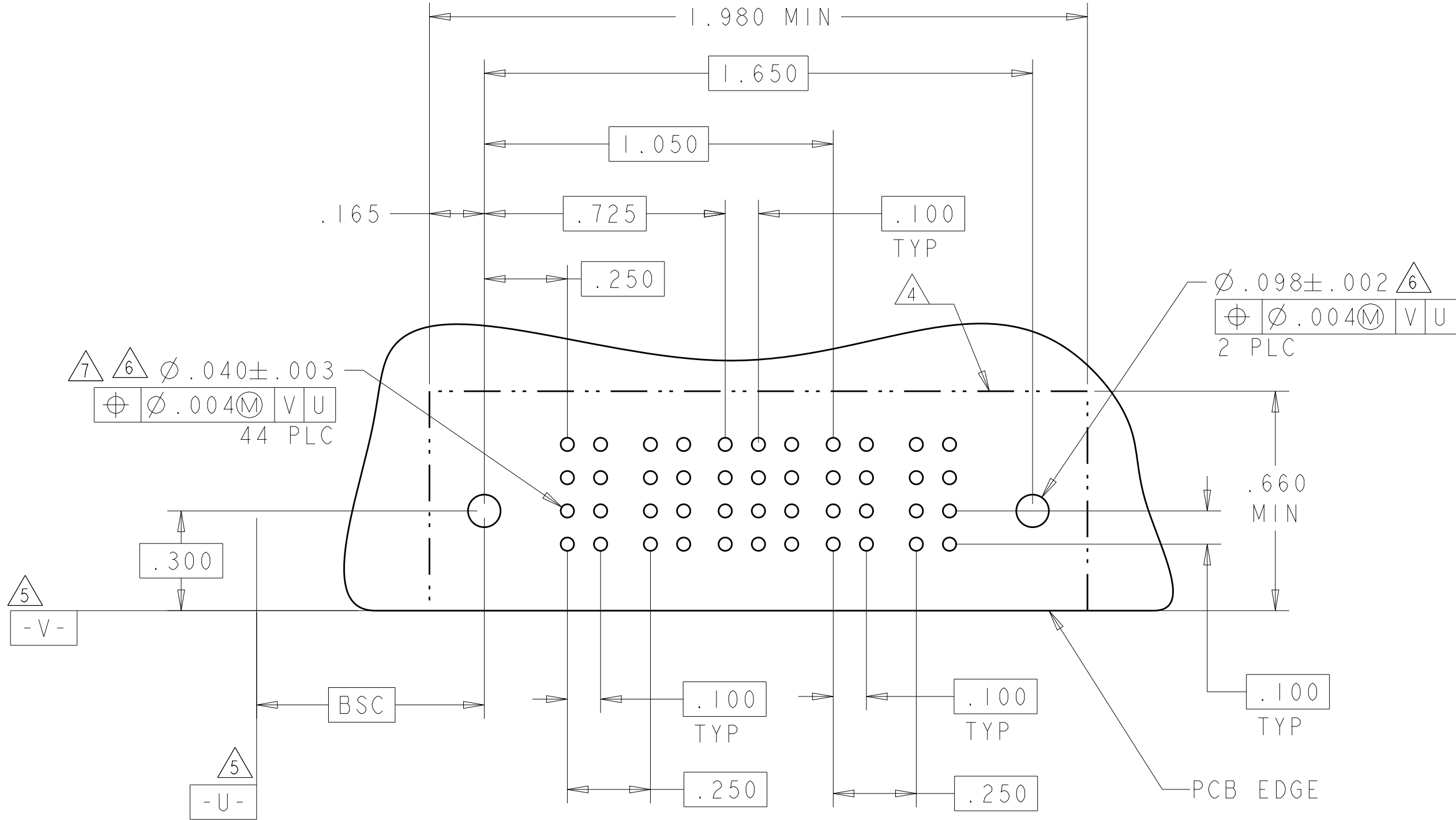
PART NUMBER	ROWS		POWER				SIGNAL				POWER							
			P1	P2	P3	P4	I	2	3	4	P5	P6	P7	P8	P9	P10		
5-6450120-0	D		PM	PM	PM	PM	J	J	J	J		PM	PM	PM	PM	PM	PM	
	K						K	K	K									
	N						N	N	N									
	S						S	S	S									
4P + 16S + 7ACP		HD																HD



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 -	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CAGE CODE DRAWING NO A100779 G-6450120	
MATERIAL -		FINISH - WEIGHT -		RESTRICTED TO - REV. M2	
CUSTOMER DRAWING				SCALE 4:1 SHEET 14 OF 24	

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

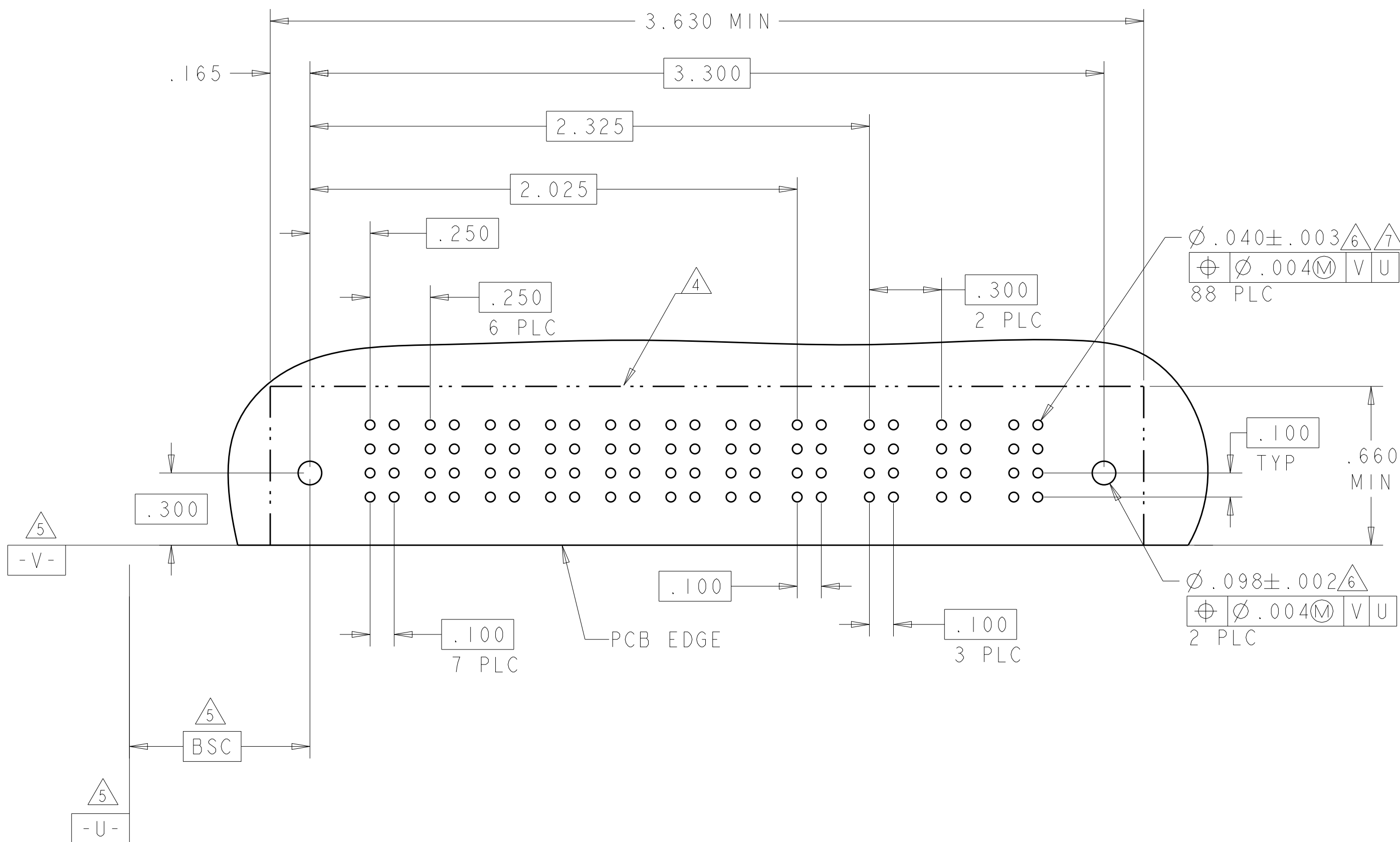
PART NUMBER	ROWS	POWER		SIGNAL			POWER			
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4-6450120-9	D		PM	PM	J	J	J	PM	PM	
	C				K	K	K			
	B				N	N	N			
	A				S	S	S			
2P + 12S + 2P										



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4805 (3/11)

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)

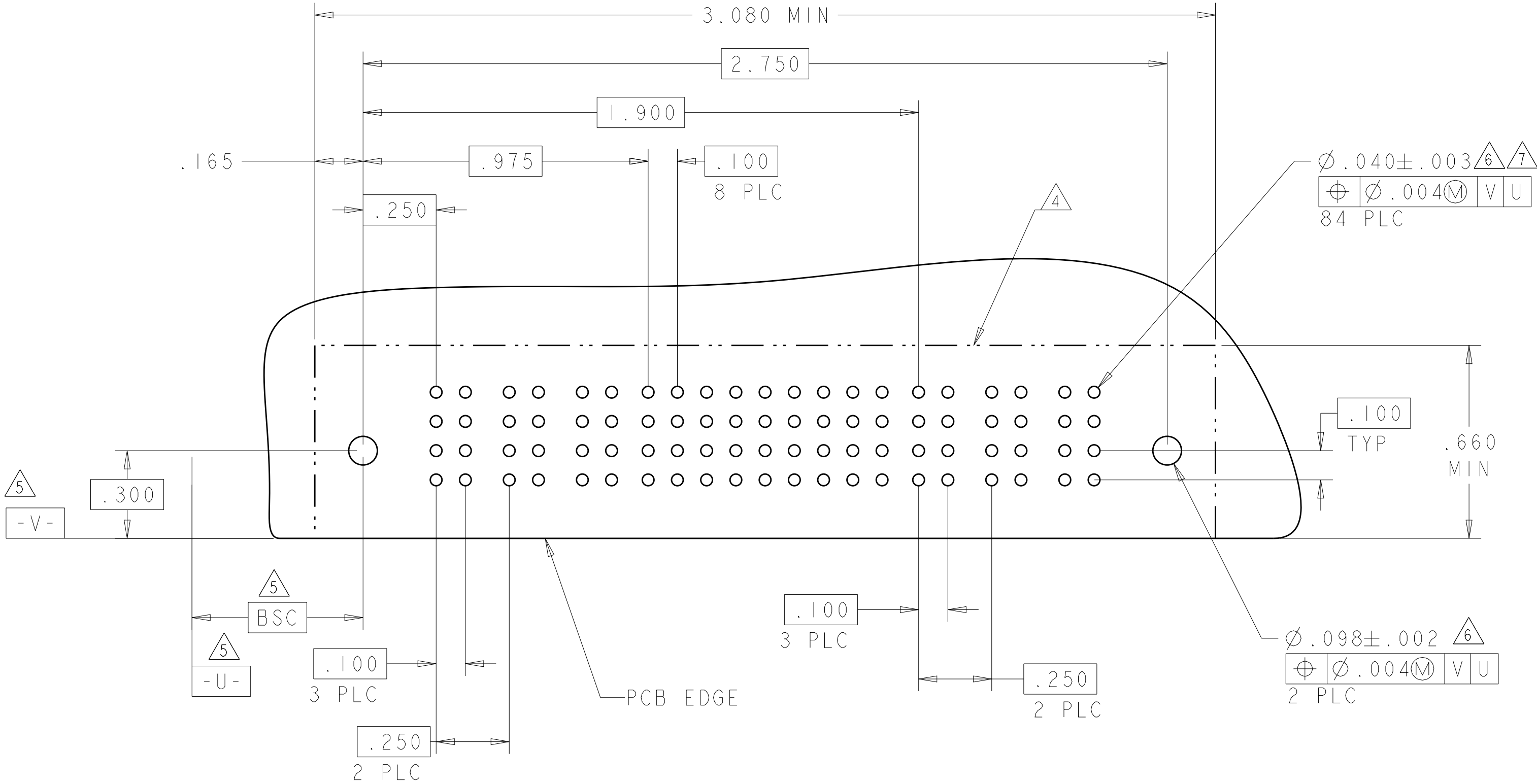
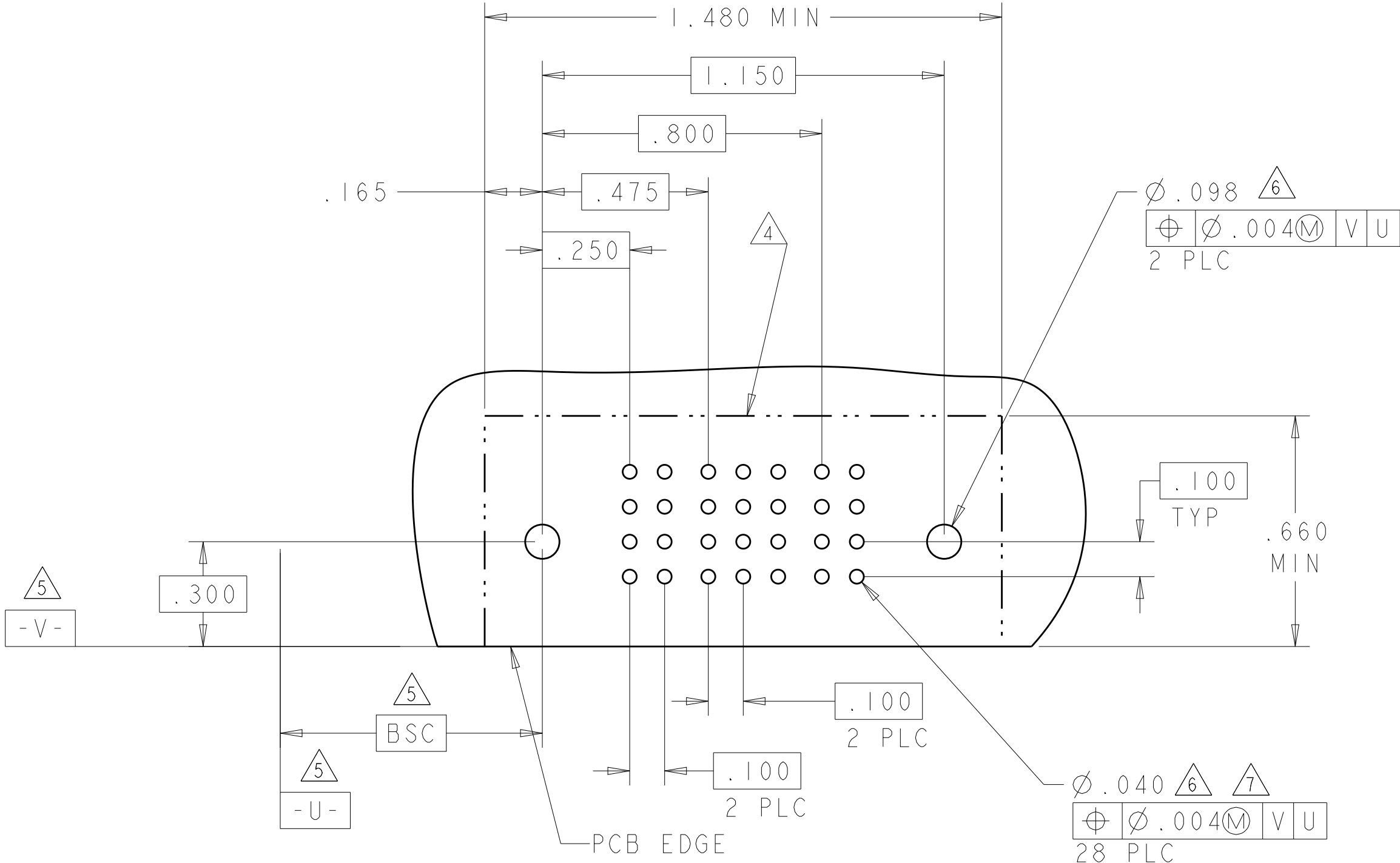
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

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																		

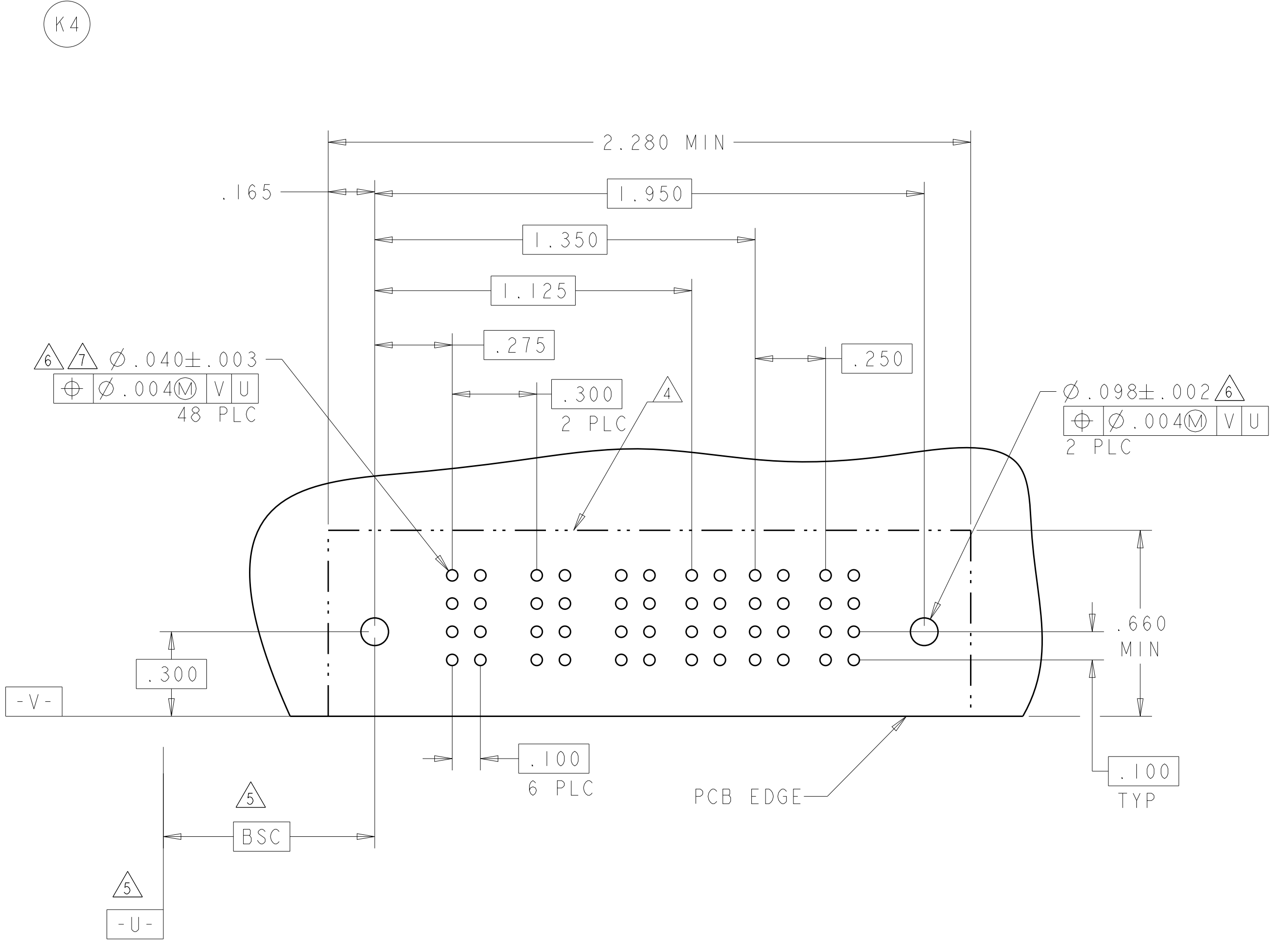
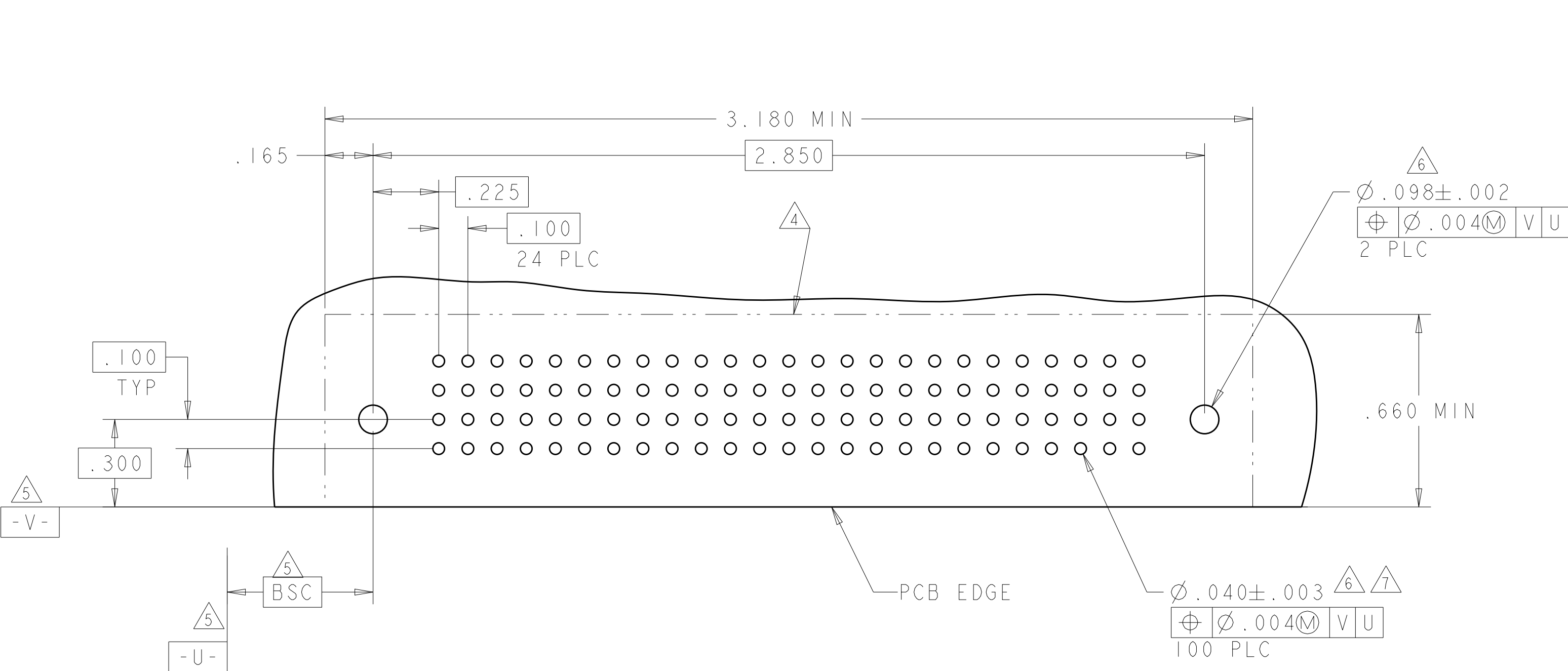


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 02FEB05	TE Connectivity	
		CHK M. PERCHERKE 02FEB05		
DIMENSIONS:		APVD M. PERCHERKE 02FEB05	NAME	
INCHES		PRODUCT SPEC	RIGHT ANGLE HEADER W/GUIDES ASSEMBLY	
		108-1973	MULTI-BEAM XL	
		APPLICATION SPEC		
		114-13038		
		WEIGHT		
		CUSTOMER DRAWING		
		SCALE 4:1	SHEET 18 OF 24	
		REV M2		

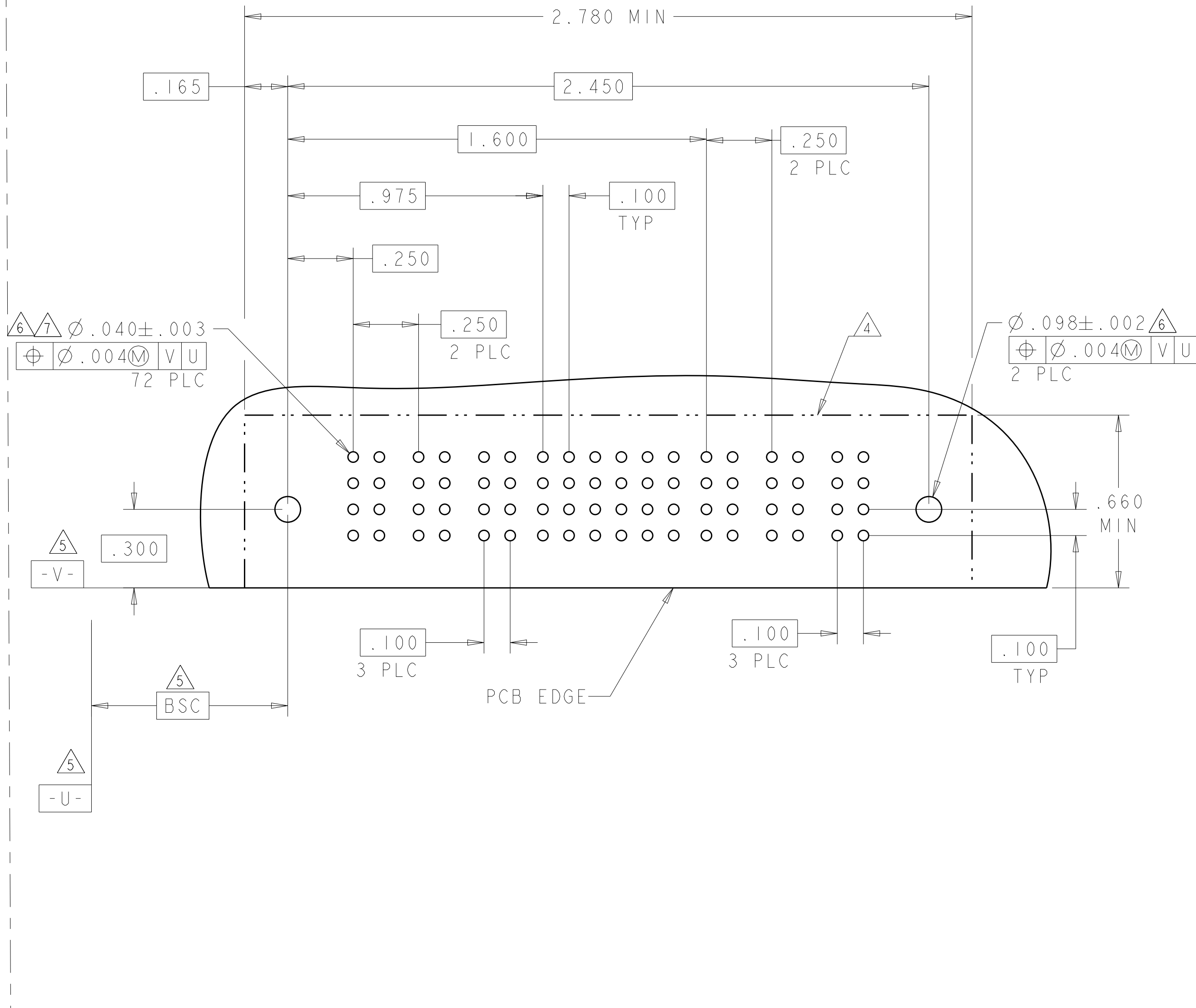
LOC		DIST		REVISIONS					
ES		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					-	SEE SHEET 1	-	-	-
							</		

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																														

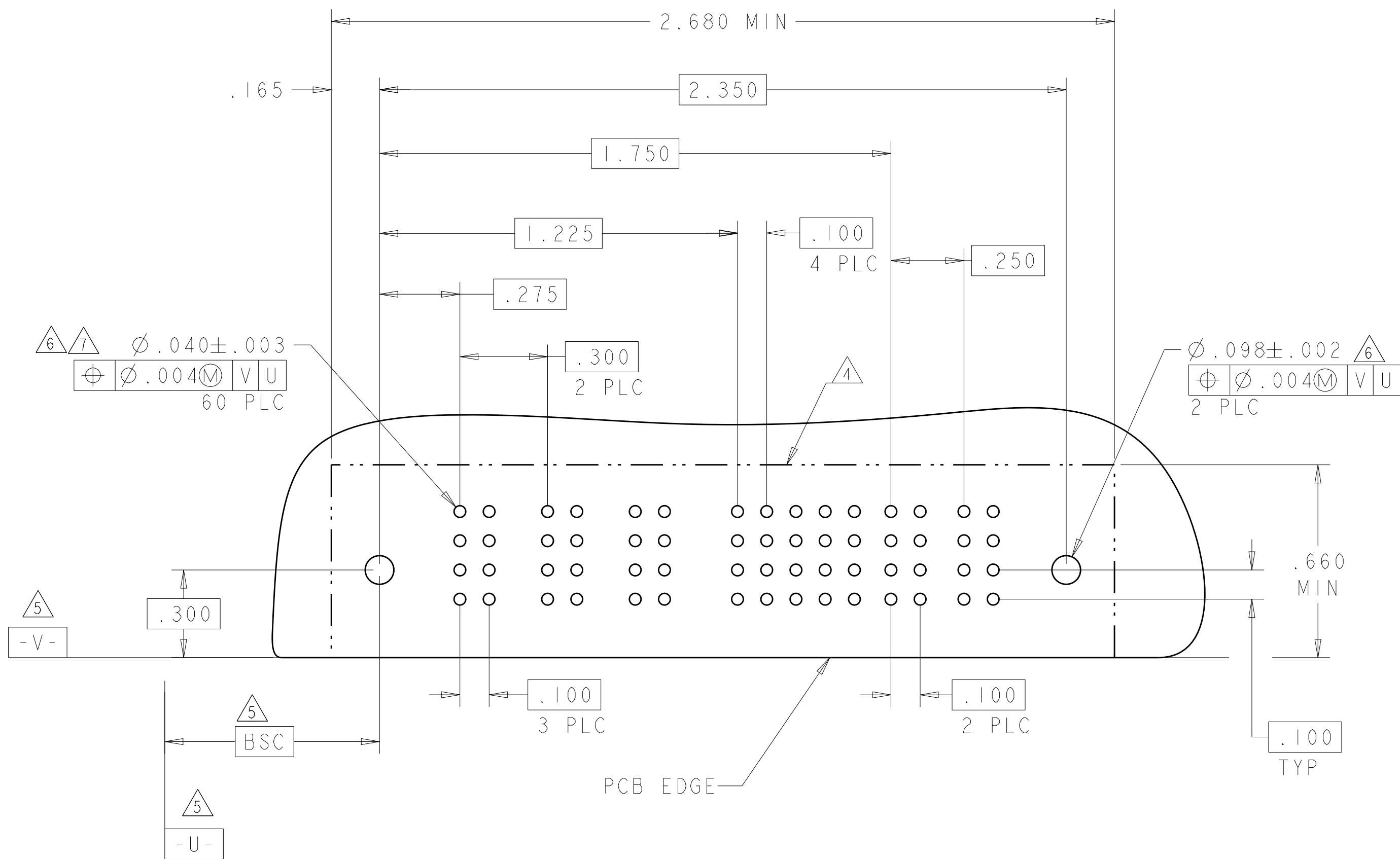
PART NUMBER	ROWS		POWER			SIGNAL		POWER		
			P1	P2	P3	1	2	P4	P5	
5-6450120-9	D C B A	HD	PM	PM	PM	J	J	PM	PM	HD
						K	K			
						N	N			
						H	S			
3ACP + 8S + 2P										



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															

4805 (3/11)

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

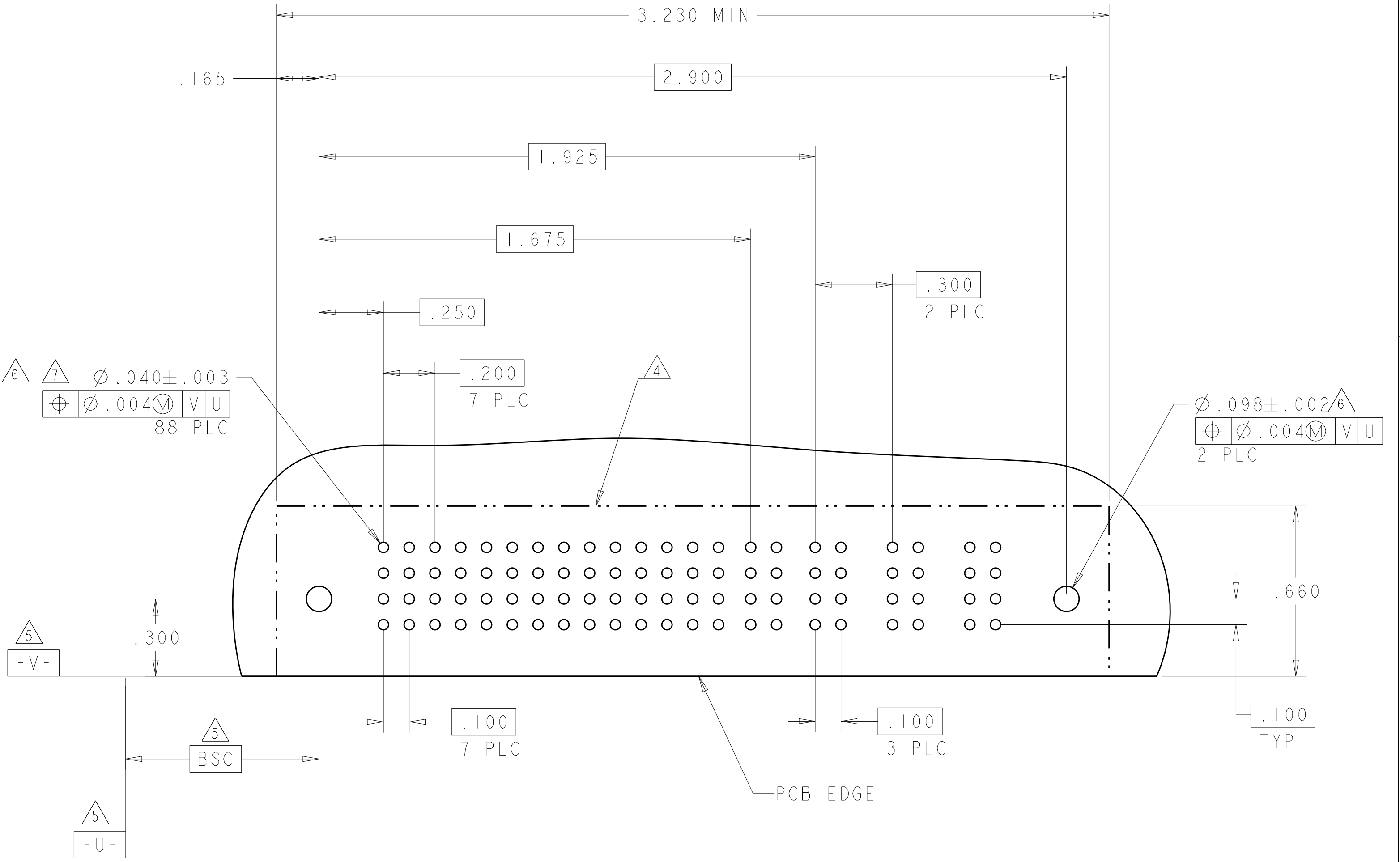
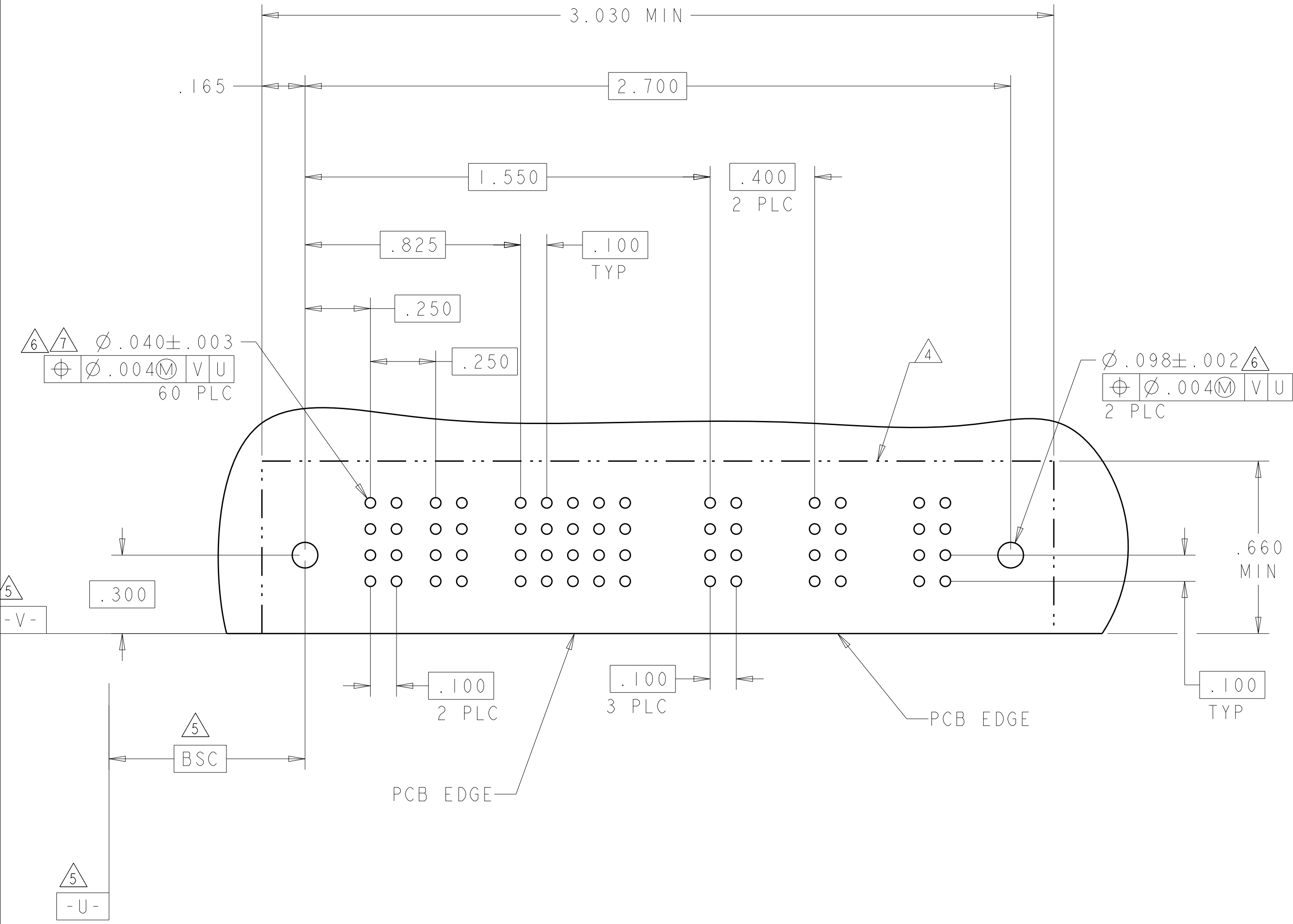
PART NUMBER	ROWS		POWER		SIGNAL						POWER						
			P1	P2	1	2	3	4	5	6	P3	P4	P5	P6	P7	P8	
6-6450120-6	D		PM	PM		J	J	J	J	J		PM		PM		PM	
					K	K	K	K	K								
					N	N	N	N	N								
					S	S	S	S	S								
2P + 24S + 6P																	

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		PM	PM	PM	PM	PM	PM	PM	E	E	PM	PM	PM	
										F	F				
										G	G				
										H	H				
7HDP + 8S + 3ACP															

L5

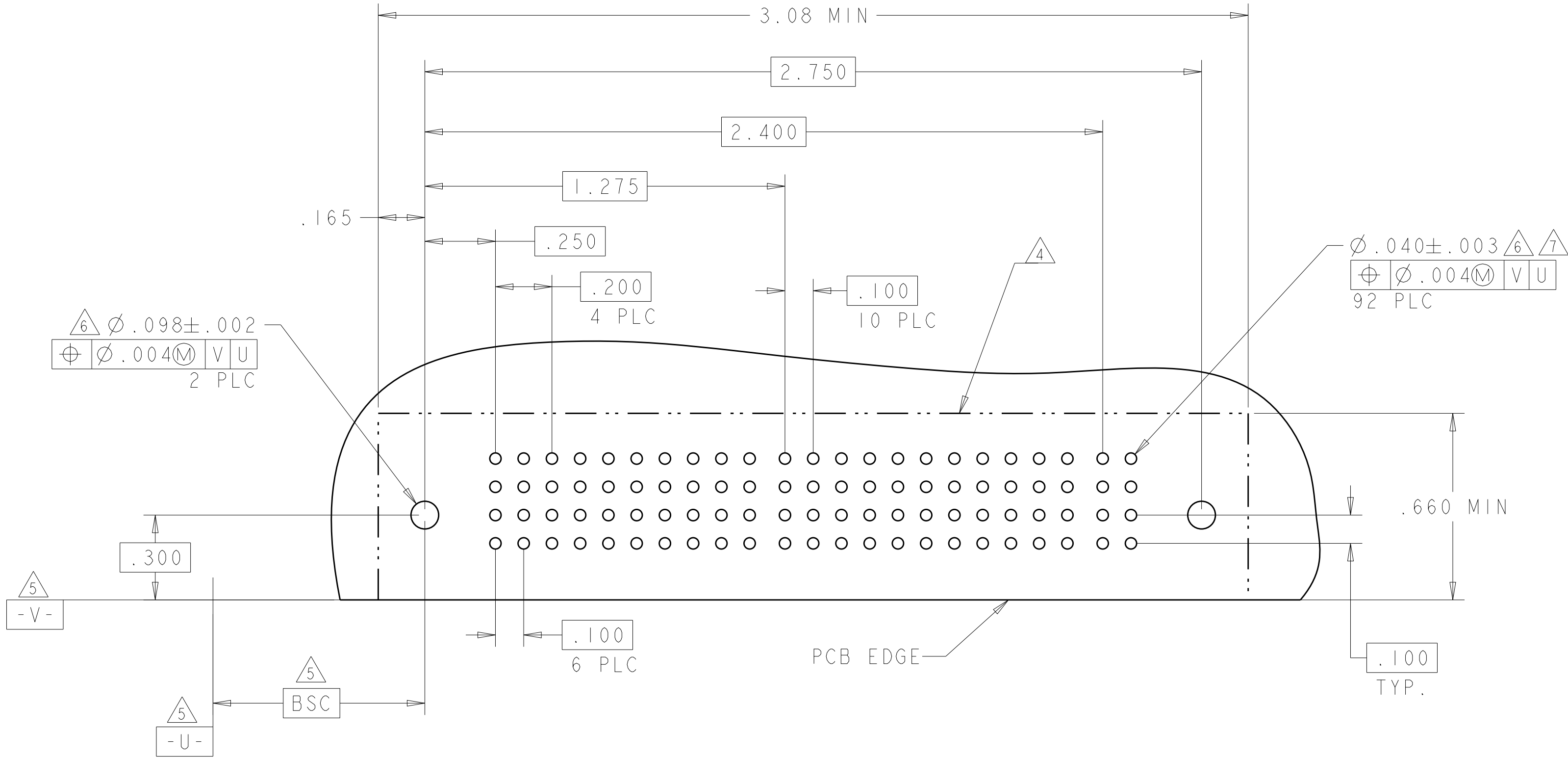
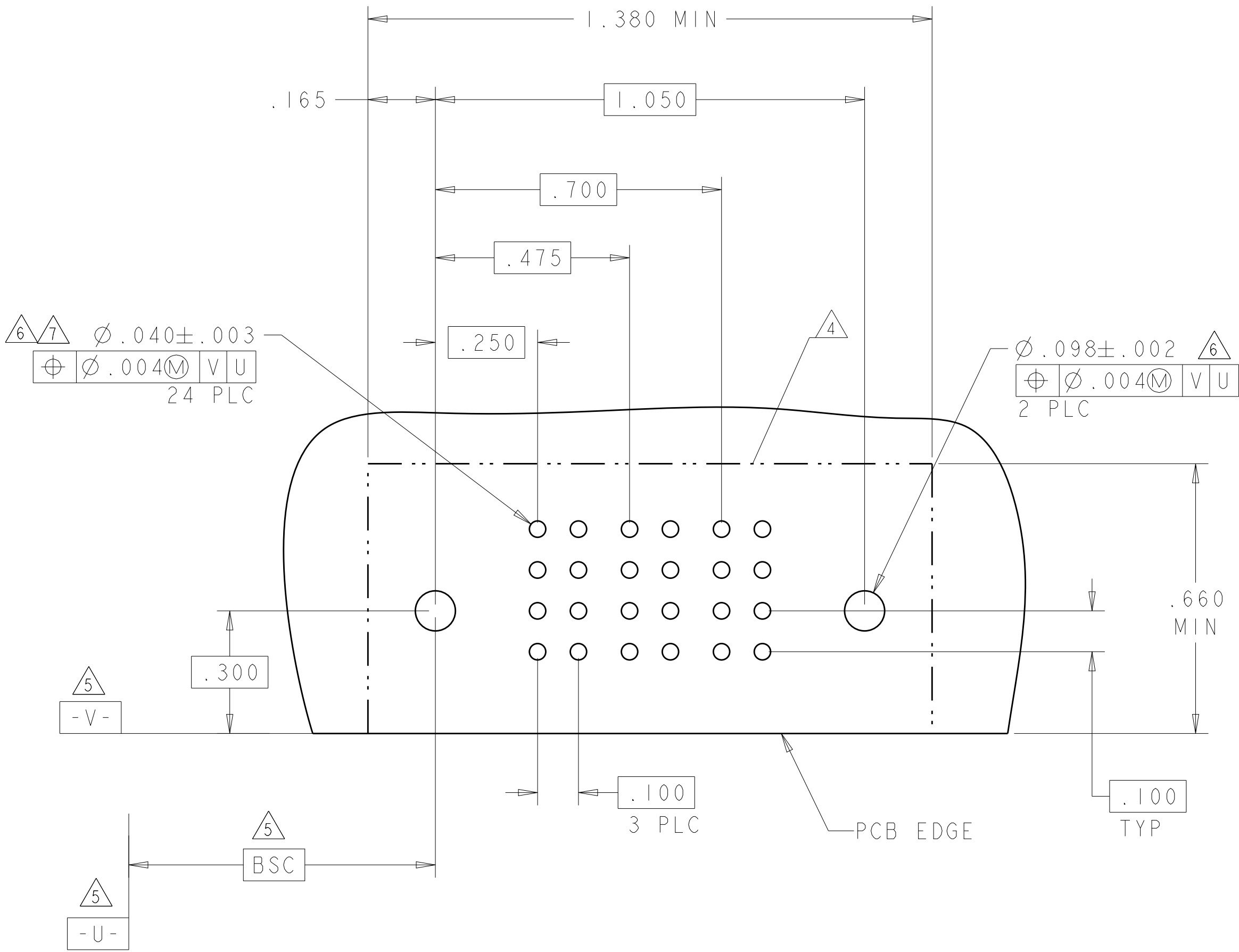


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	02FEB05 02FEB05 02FEB05	NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE A1	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH		± ±.01 ±.005 ±.0020 #2° -		RESTRICTED TO -	
MATERIAL -		WEIGHT -		SCALE 4:1	
CUSTOMER DRAWING		SHEET 22		REV M2	

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

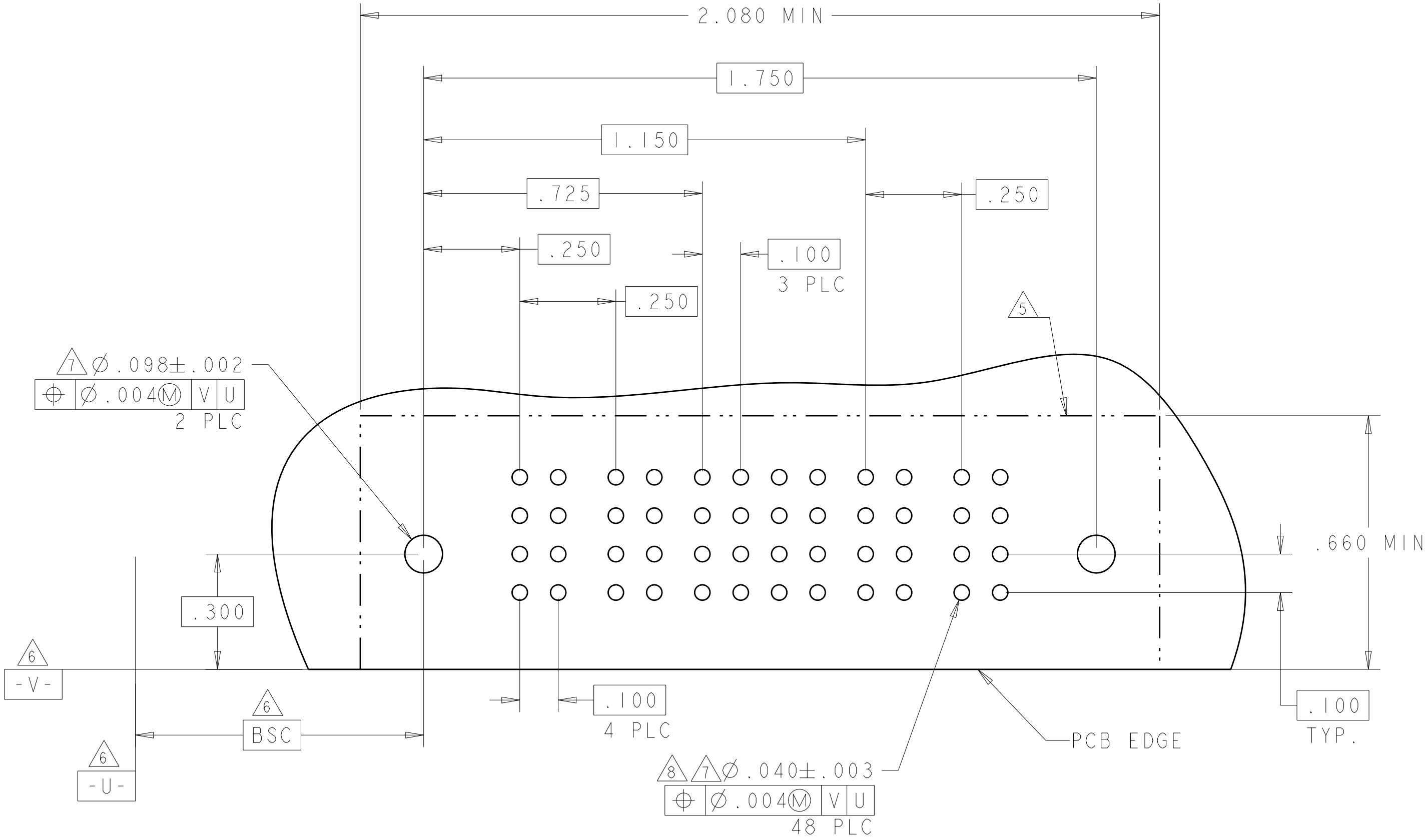
PART NUMBER	ROWS		POWER					SIGNAL											POWER	
			P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	9	10	11	P6	
7-6450120-0	D C B A		PM	PM	PM		PM	J		J		J		J		E		E	PM	
								G	N		N		N		K	F		F		
								H	H	H	H	H	H	S	S	H		H		
5P + 44S + 1P		HD																		HD

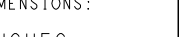


LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

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		

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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