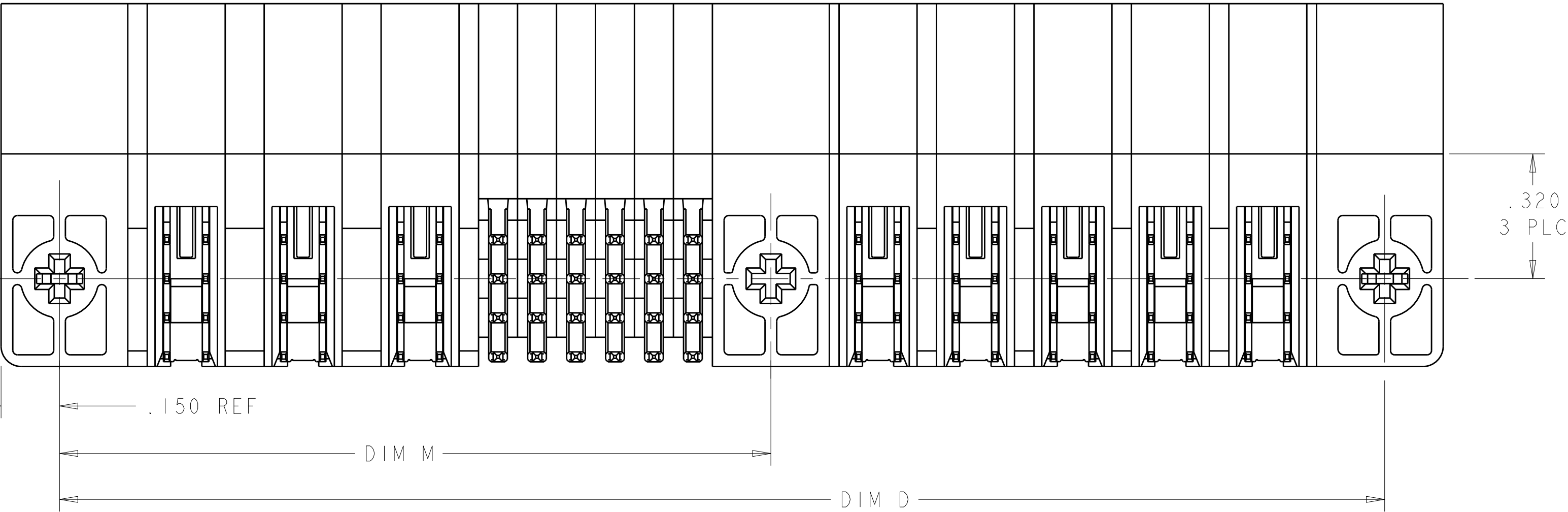
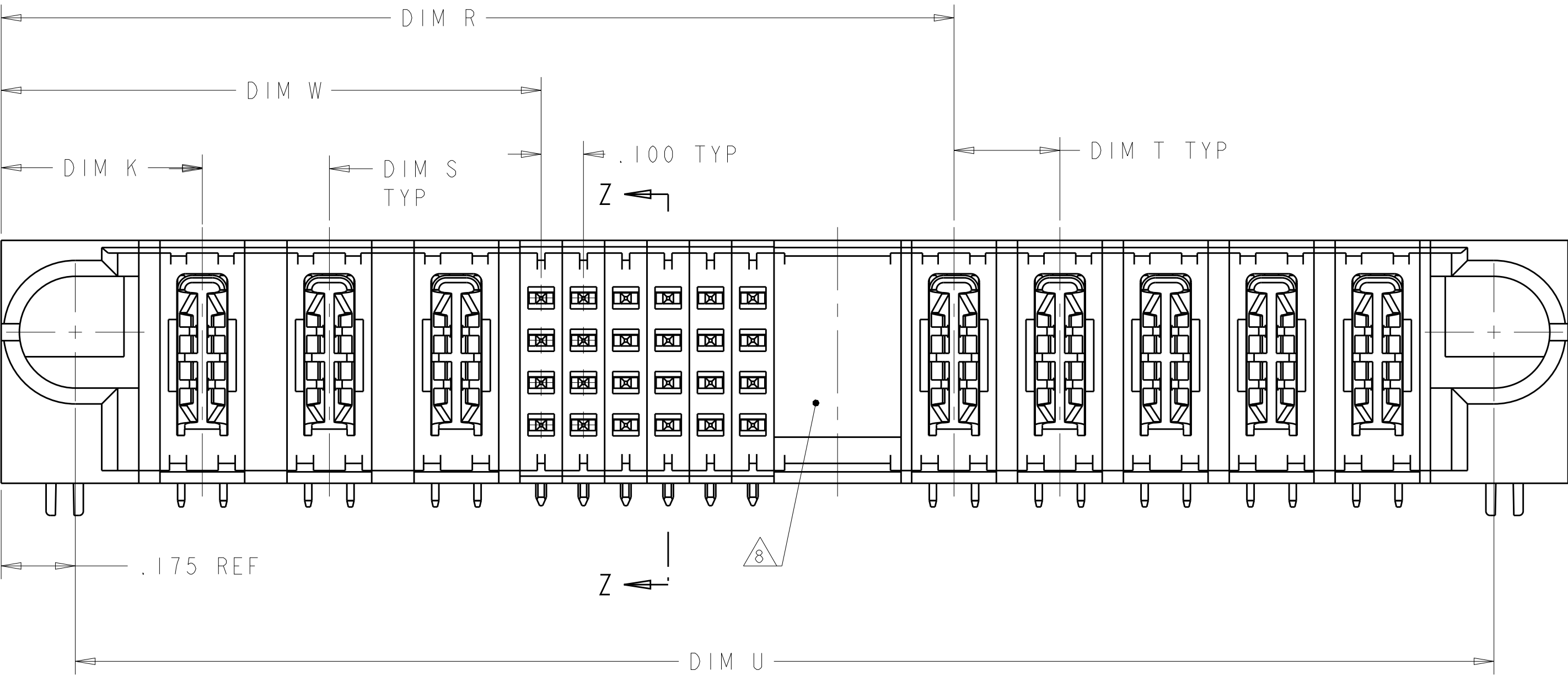
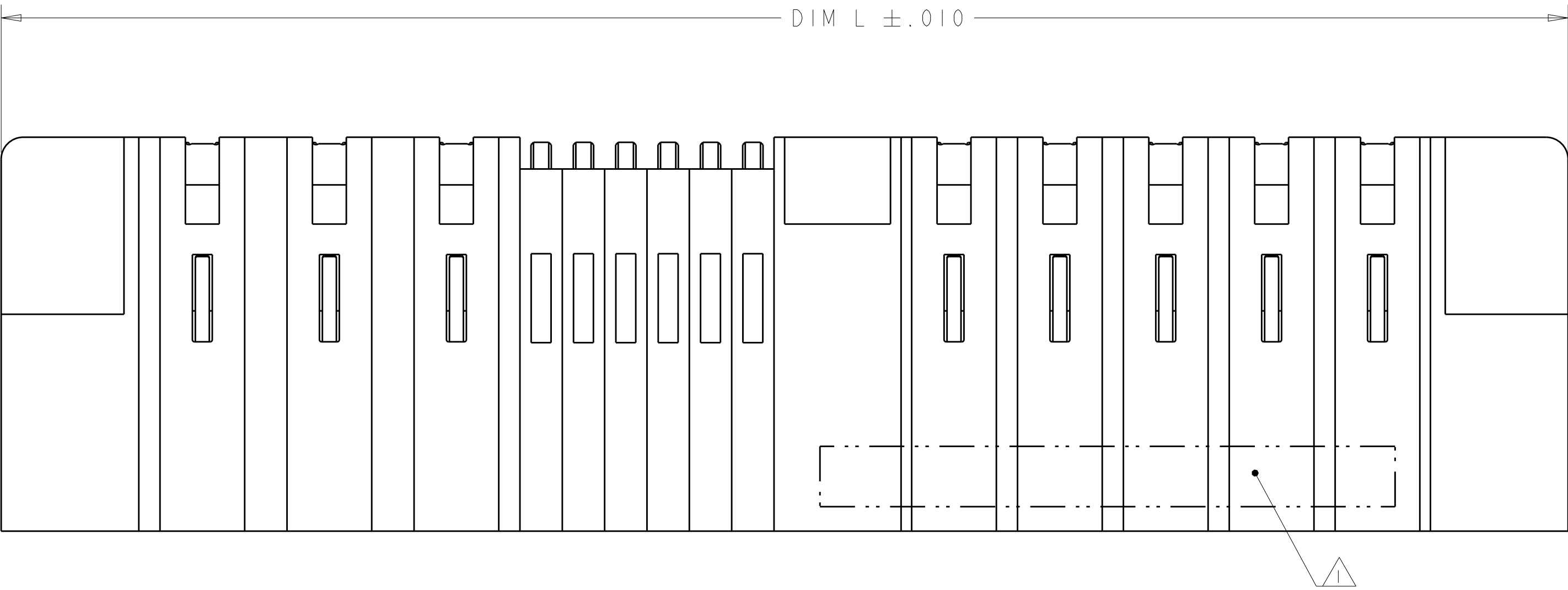
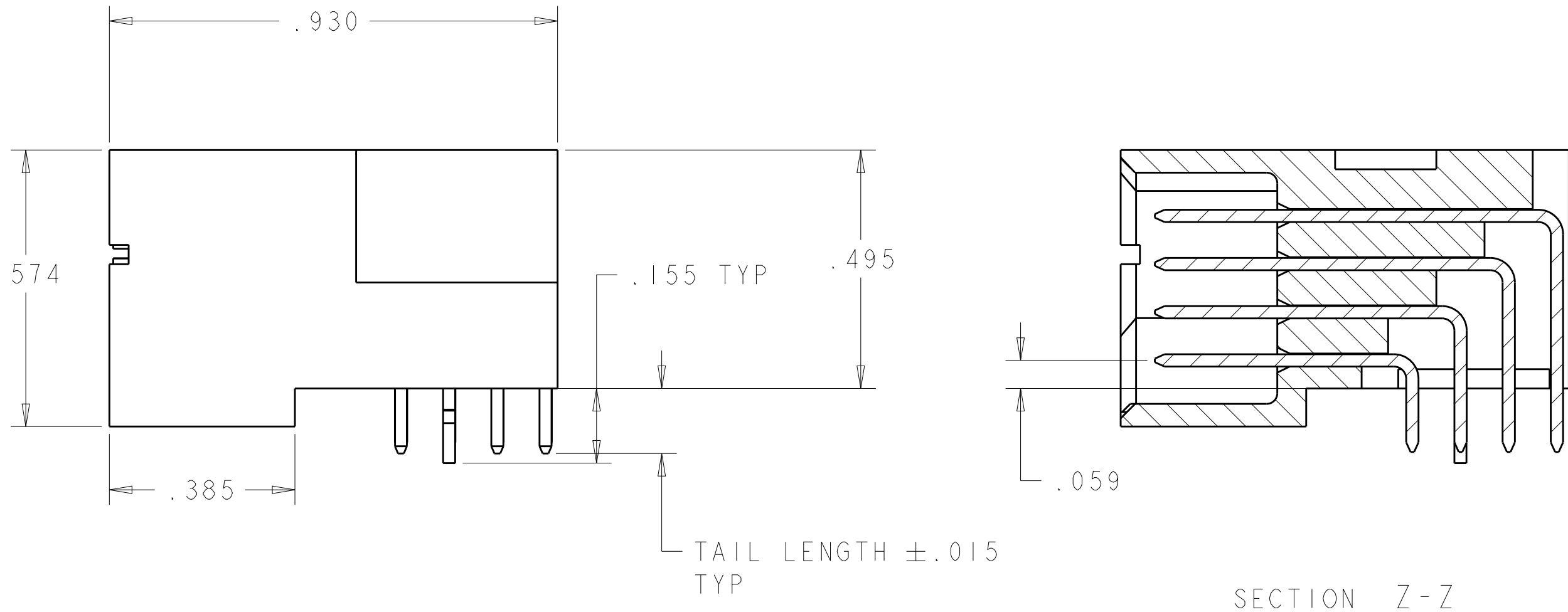


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
ES	00		M1	ADD NEW DASH NUMBER 7-0	08FEB2014	AL	SZ	
			M2	ADD NEW DASH NUMBER	21MAR2014	AL	SZ	

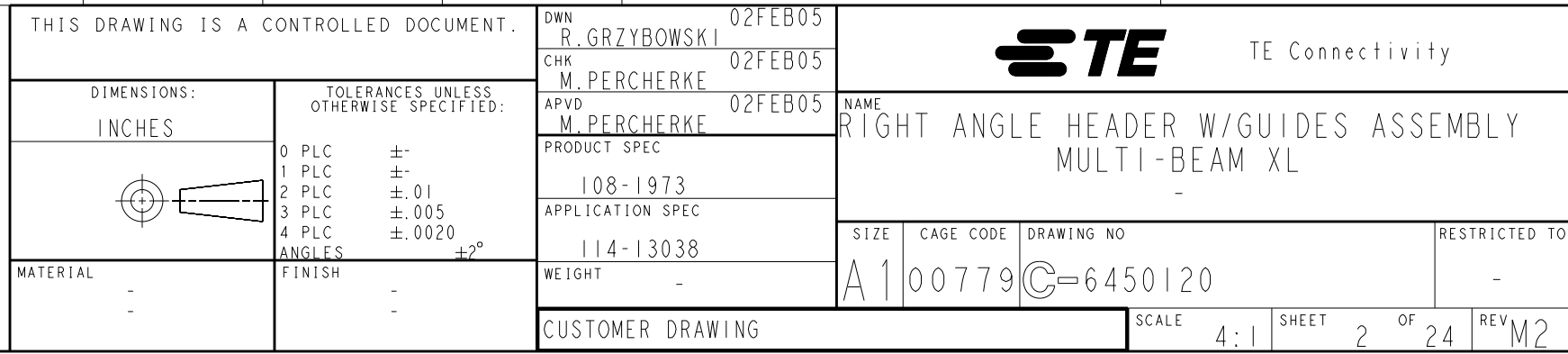


- 1 "AMP" PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN. PARTS UNDER 2.500 LONG MAY BE MARKED ON BOTH SIDES.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL 94 V-0
SIGNAL CONTACT - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
- 3 CONTACT FINISHE:
NOBLE METAL PLATED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

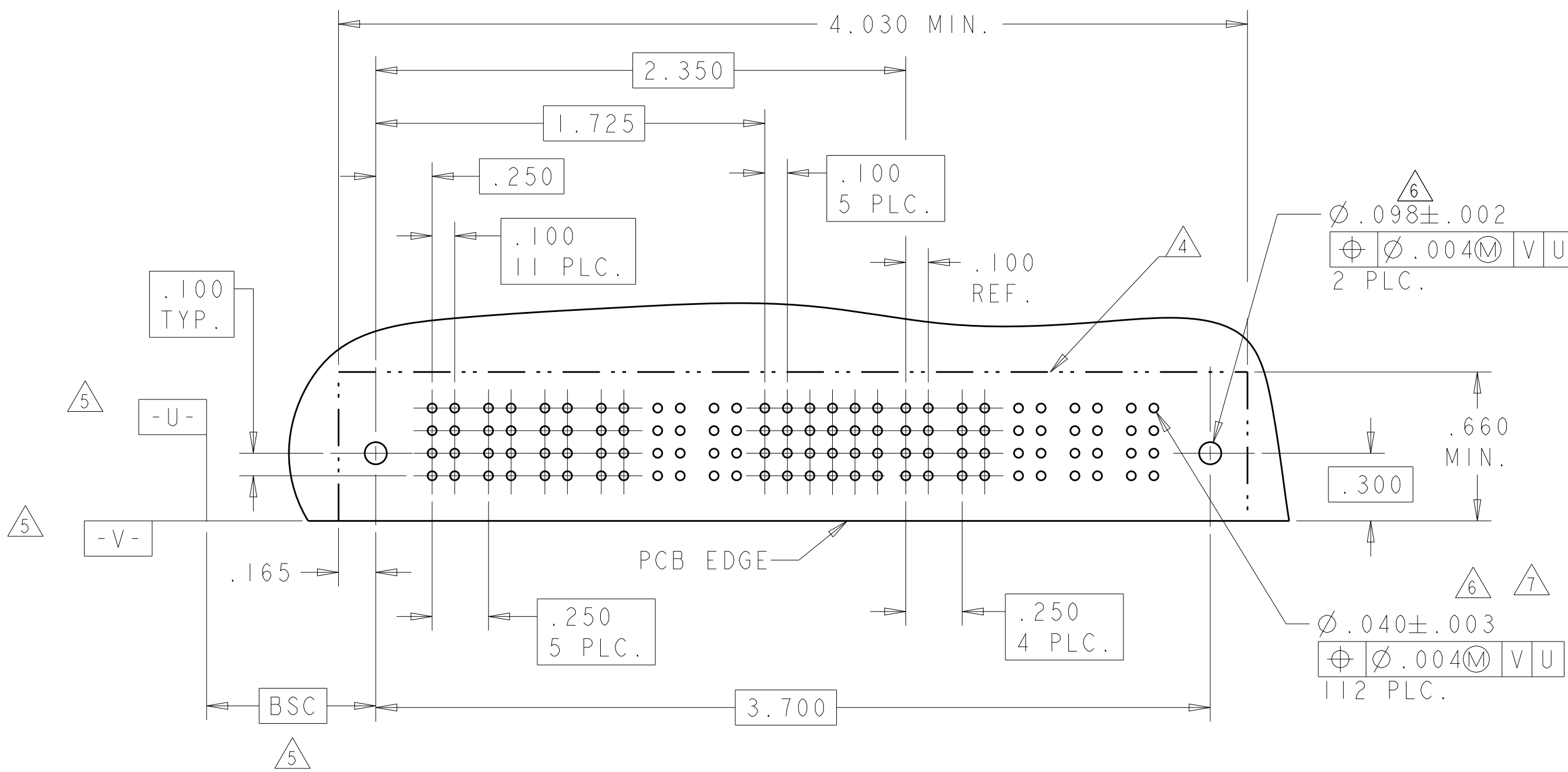


SECTION Z-Z

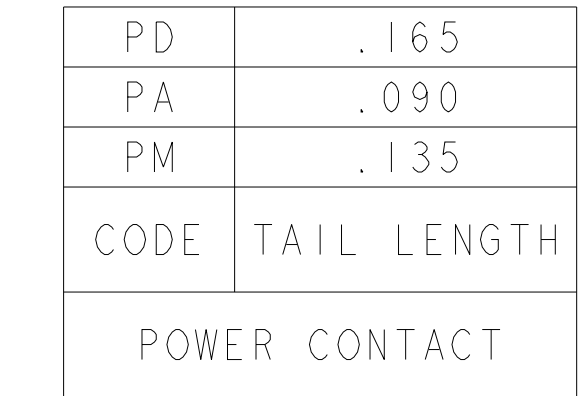
1.700	.250	.250	1.300	.875	1.750	-	2.050	.450	2P+16S+2P	7-6450120-1
2.700	.200	-	2.600	1.425	2.750	-	3.050	.450	5P + 44S + 1P	7-6450120-0
1.100	-	-	1.000	.625	1.150	-	1.450	.450	1P+12S+1P	6-6450120-9
1.000	-	-	.900	.625	1.050	-	1.350	.450	1P + 8S + 1P	6-6450120-8
2.850	.300	.200	2.125	1.825	2.900	-	3.200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

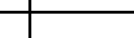
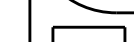


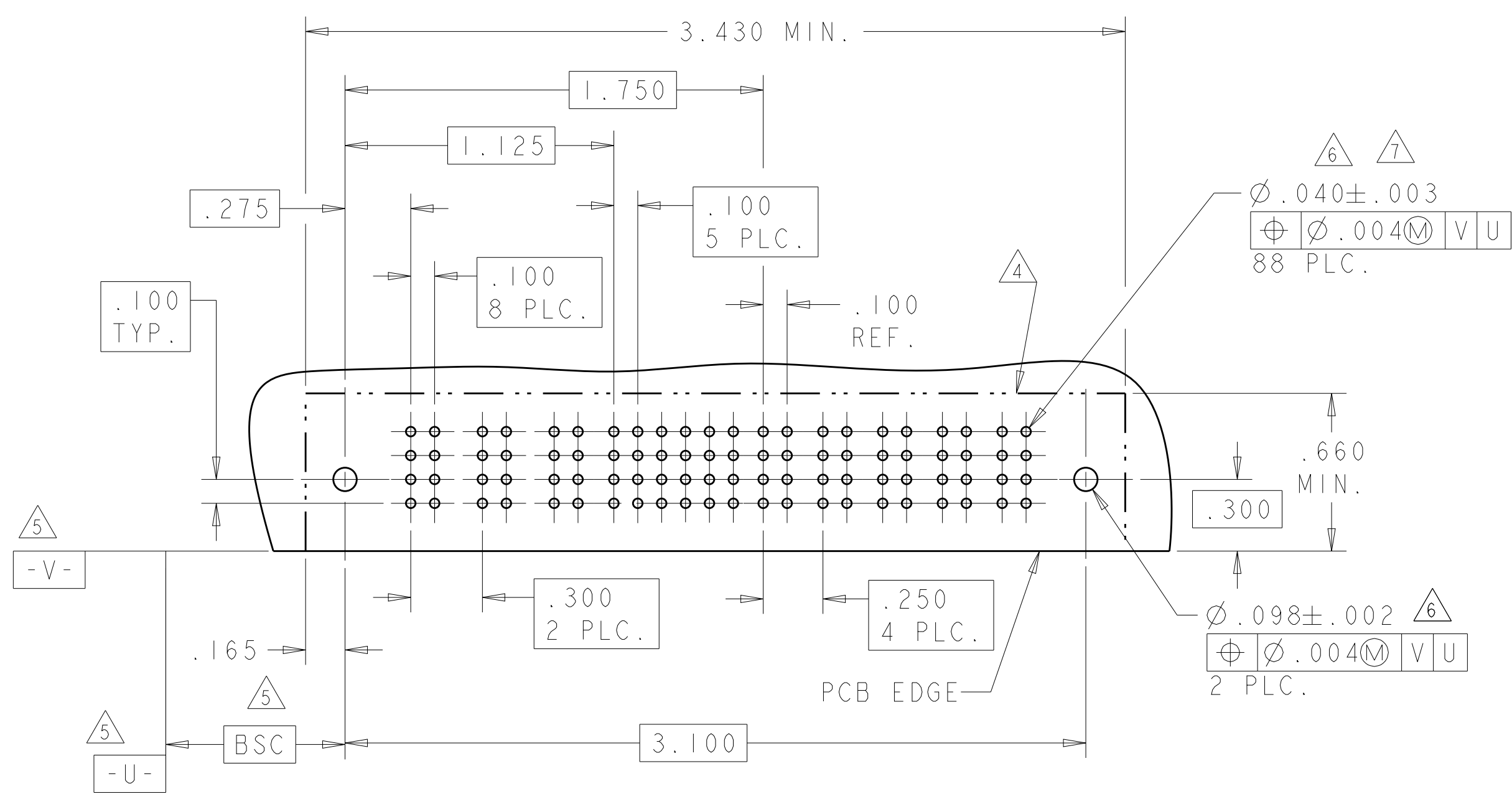
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6450120-4	D C B A							J	J	J	J	J	J								
								K	K	K	K	K	K								
								N	N	N	N	N	N								
								S	S	S	S	S	S								
6P + 24S + 5P																					



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
SIGNAL CONTACT			

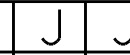
4805 (3/11)

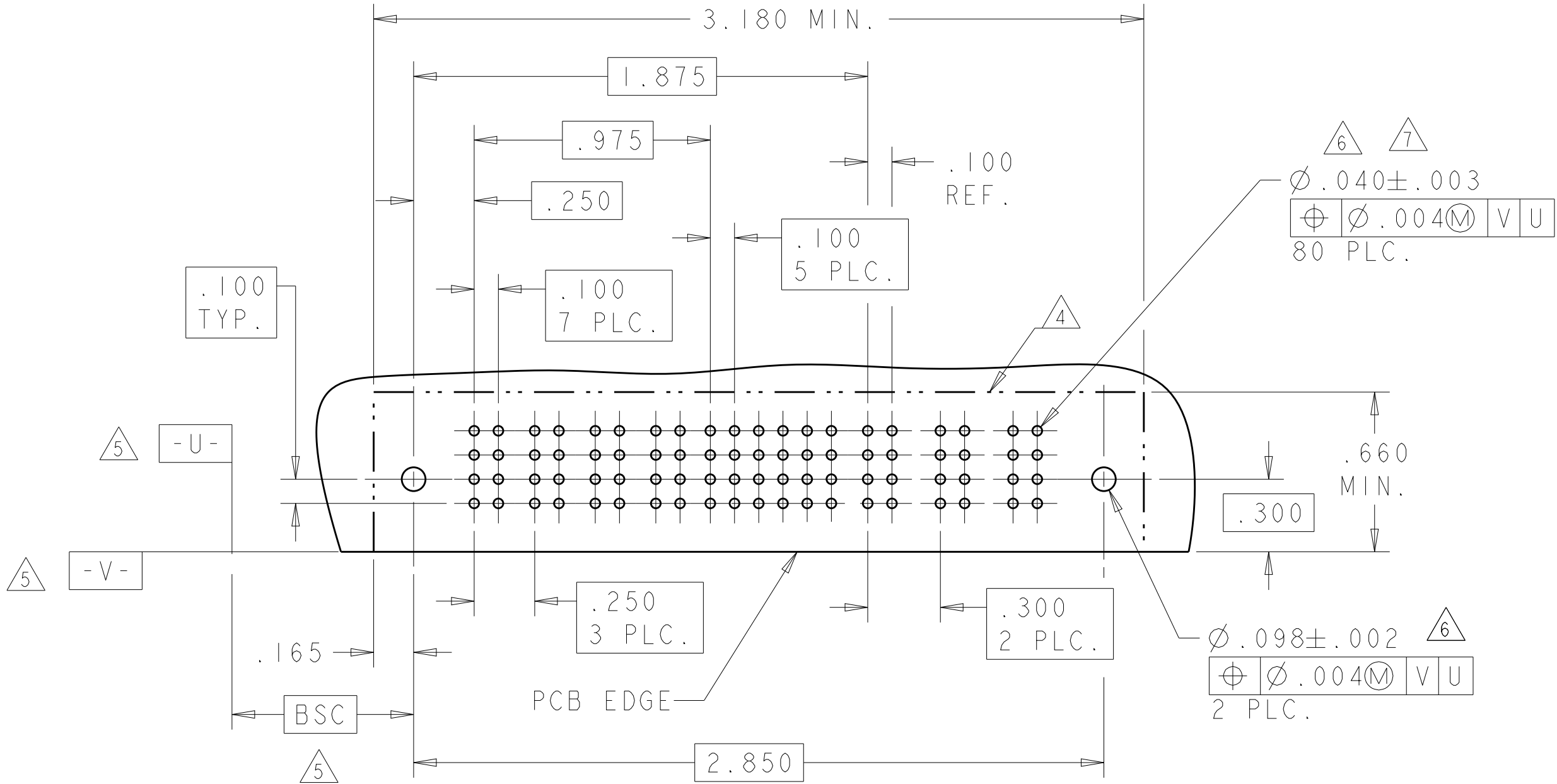
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6450120-7	D		PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM		
	C					K	K	K	K	K	K							
	B					N	N	N	N	N	N							
	A					S	S	S	S	S	S							
3ACP + 24S + 5P																		



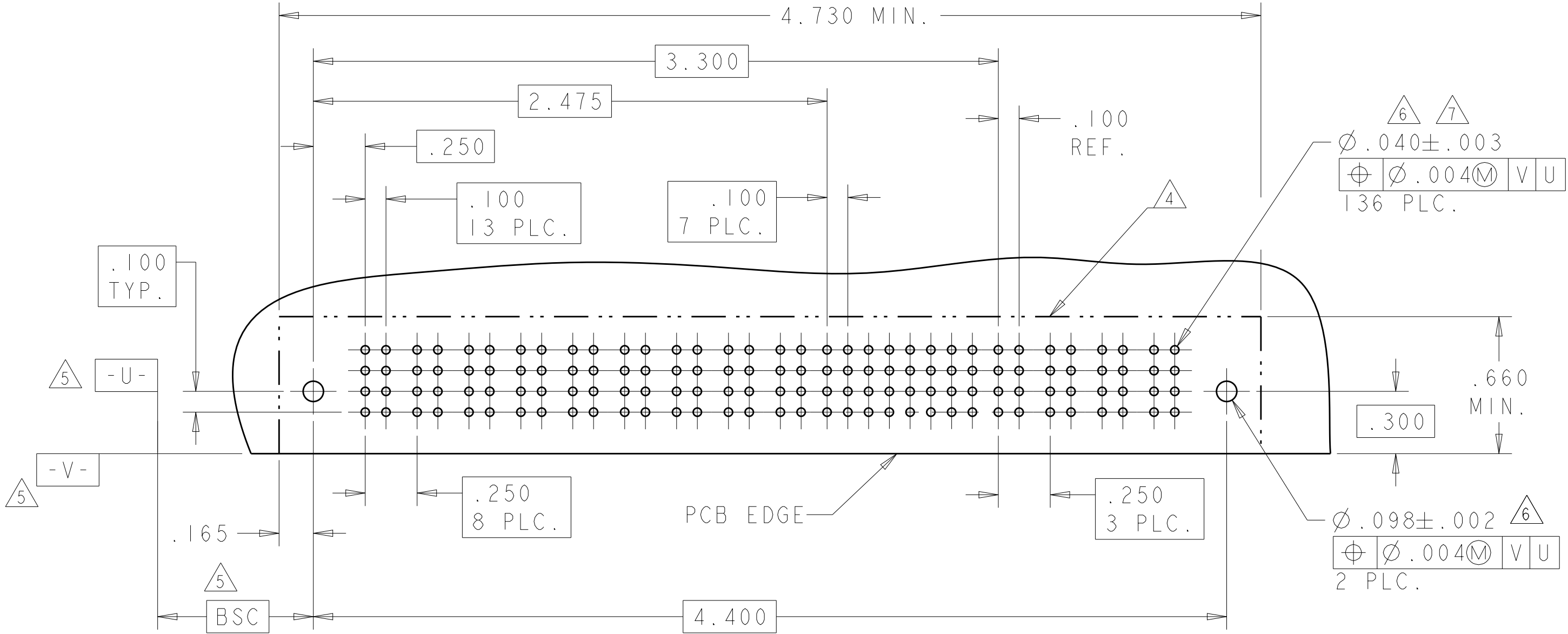
.100 TYP.
 -U-
 .100 20 PLC.
 .250
 4.850
 2.725
 7.780 MIN.
 .100 20 PLC.
 .100 REF.
 .040 ± .003
 .004 M V U
 244 PLC.
 .660 MIN.
 .300
 .165
 .250 9 PLC.
 PCB EDGE
 .250 9 PLC.
 .098 ± .002
 .004 M V U
 2 PLC.
 BSC
 7.450

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 -	
		WEIGHT -		CUSTOMER DRAWING -	
				SCALE 4:1 SHEET 4 of 24 REV M	

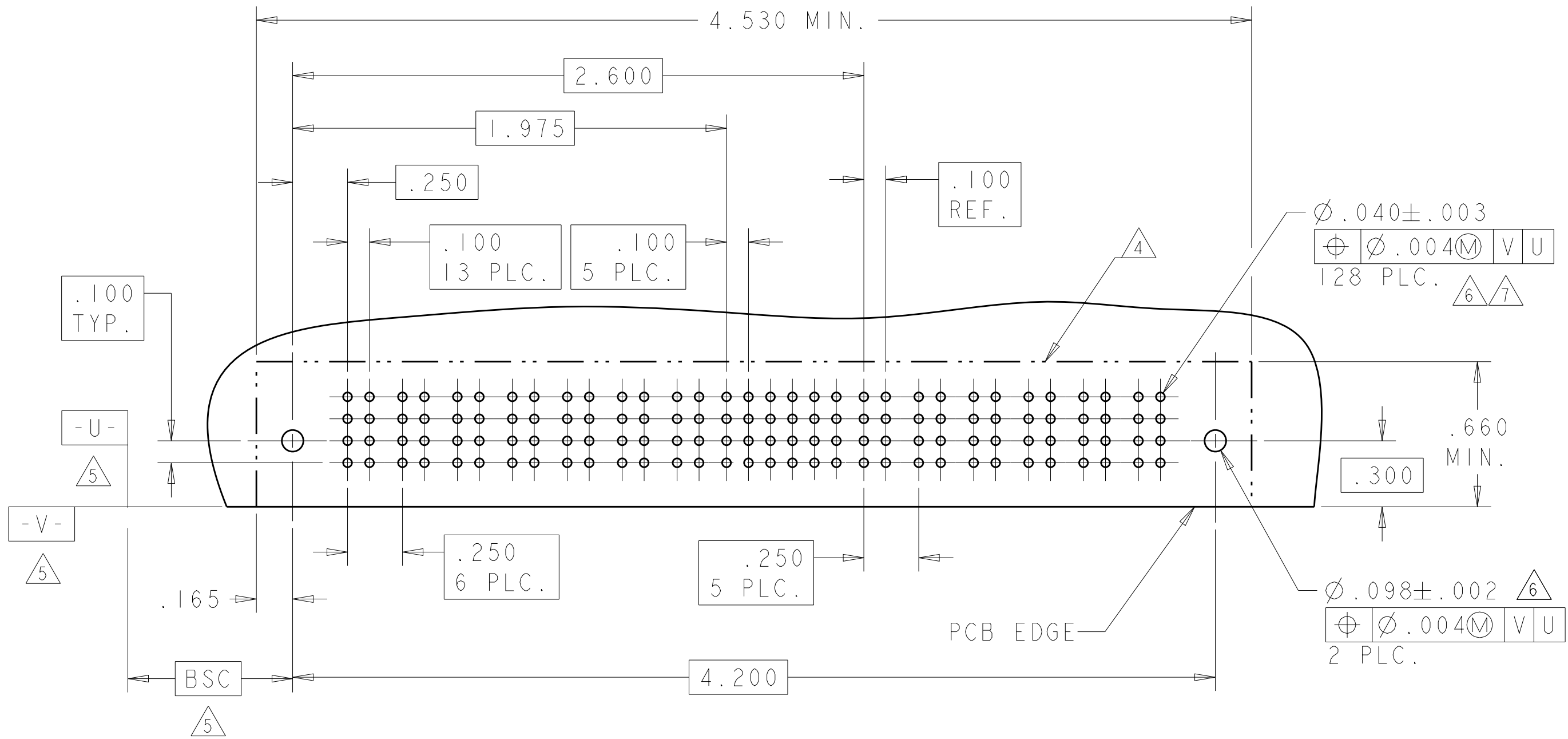
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			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7		
6450120-8	D C B A					J	J	J	J	J	J						
						K	K	K	K	K	K						
						N	N	N	N	N	N						
						S	S	S	S	S	S						
4P + 24S + 3ACP																	



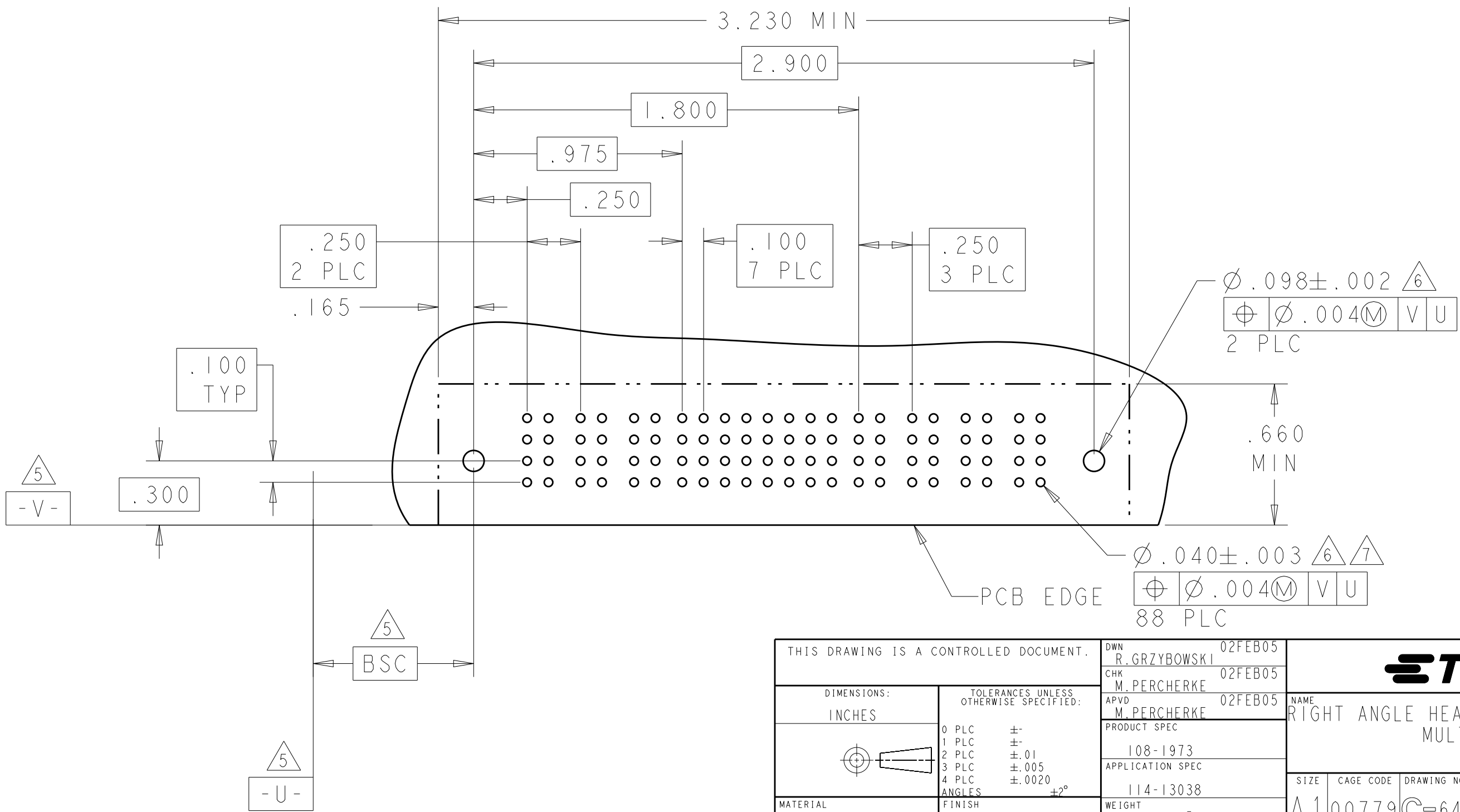
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			P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	7	8	P10	P11	P12	P13	
1-6450120-0	D C B A	HD	PM	PM		PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	PM	PM	PM	PM	HD
												K	K	K	K	K	K	K	K					
												N	N	N	N	N	N	N	N					
												S	S	S	S	S	S	S	S					
9P + 32S + 4P																								



PART NUMBER	ROWS		POWER							SIGNAL						POWER						
			P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	P8	P9	P10	P11	P12	P13	
6450120-9	D C B A		PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	
										K	K	K	K	K	K							
										N	N	N	N	N	N							
										S	S	S	S	S	S							
7P + 24S + 6P																						



PART NUMBER	ROWS		POWER			SIGNAL								POWER				
			P1	P2	P3	1	2	3	4	5	6	7	8	P4	P5	P6	P7	
2-1450120-1	4	HD	PM	PM	PM	J	J	J	J	J	J	J	J	PM	PM	PM	PM	HD
	K					K	K	K	K	K	K	K						
	N					N	N	N	N	N	N	N						
	S					S	S	S	S	S	S	S						
3P + 32S + 4P																		



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN
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 ±.002
ANGLES ±.020
FINISH

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
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
C=6450120

RESTRICTED TO
-

SCALE
4:1

SHEET
5

OF
24

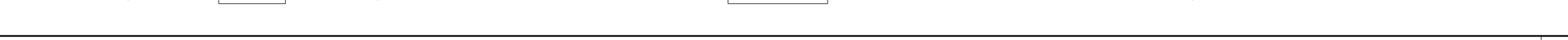
REV
M2

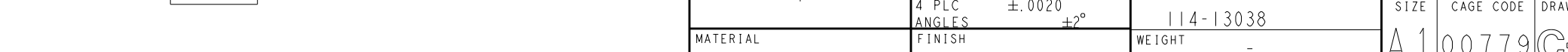
TE Connectivity

TE

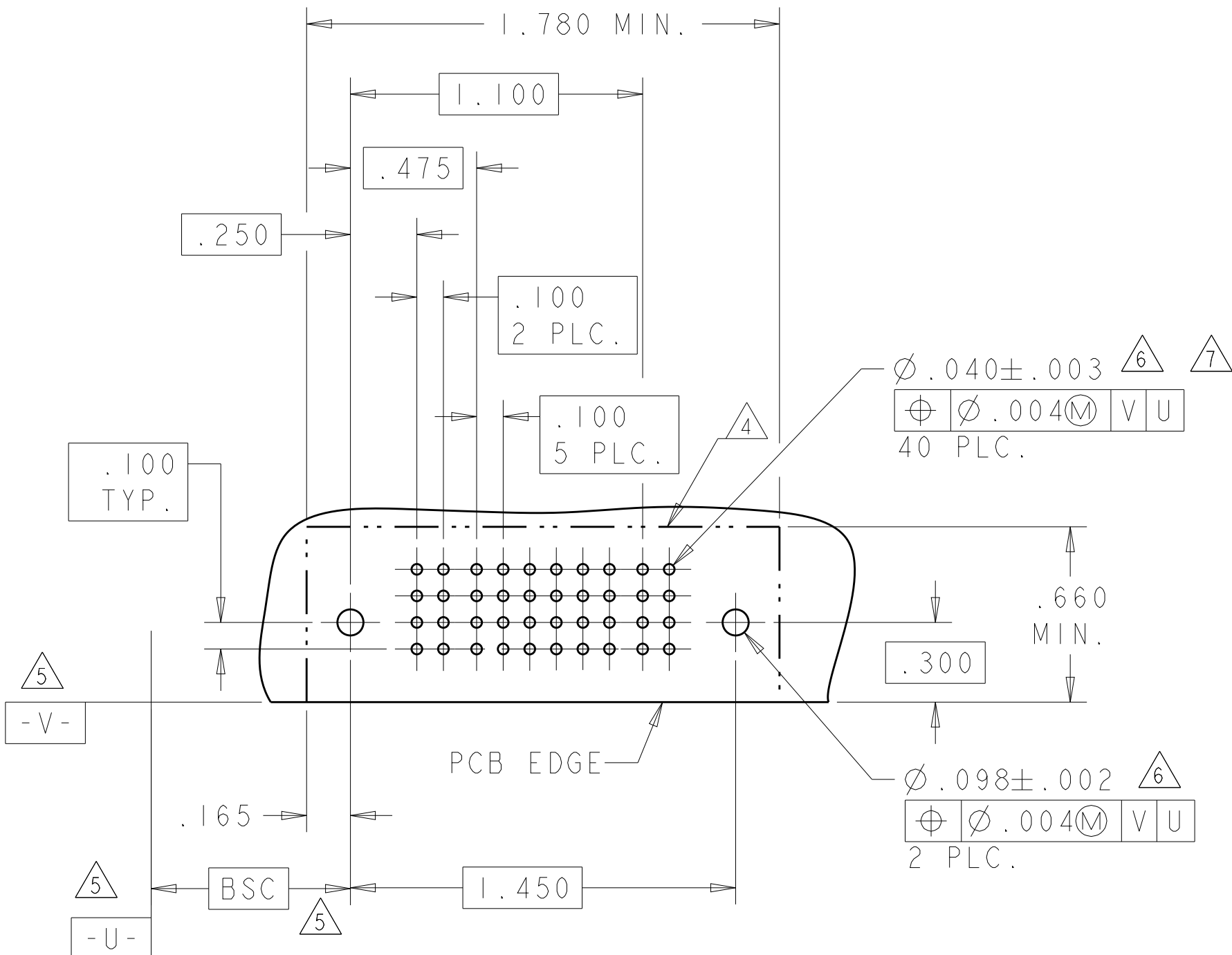
0.055 min

2.780 MIN.

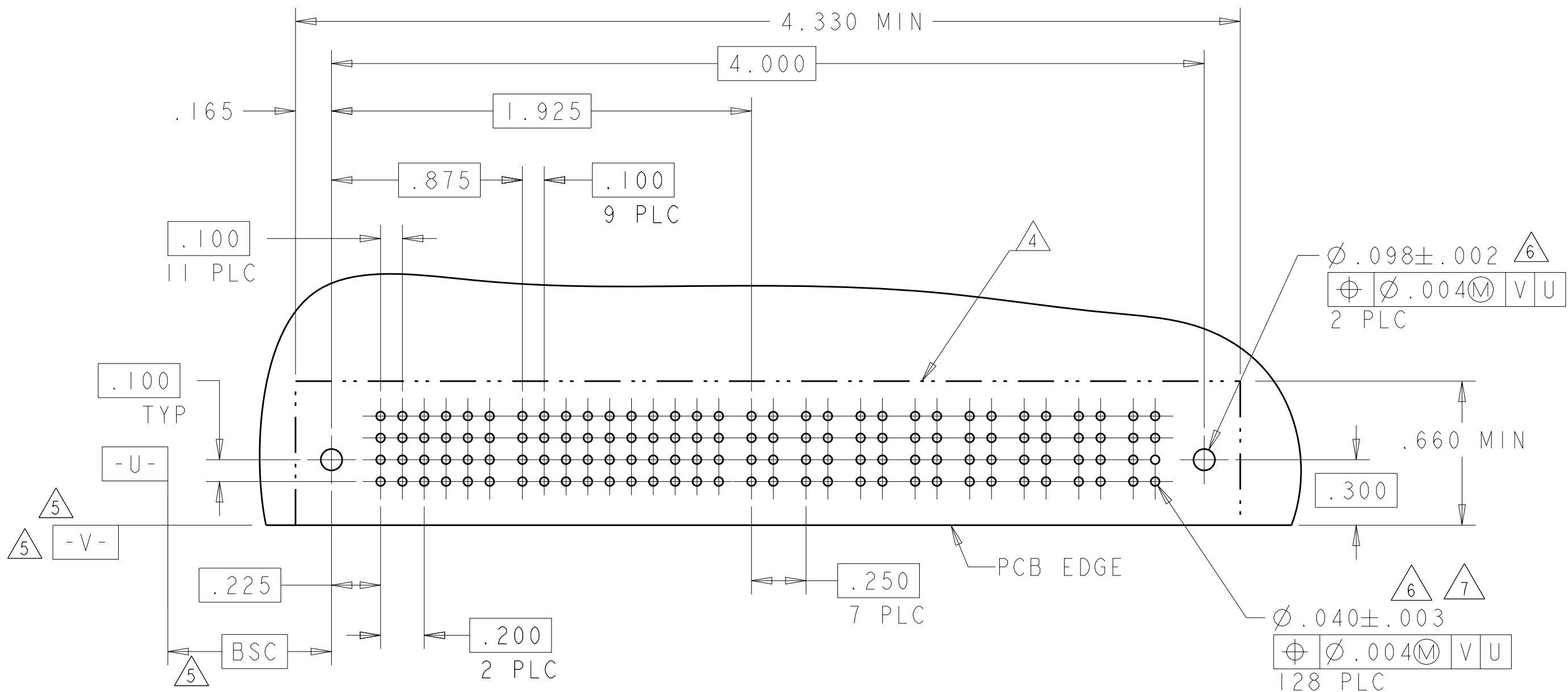
[illegible]

[illegible]

PART NUMBER	ROWS	POWER		SIGNAL						POWER	
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1-6450120-6	D C B A	PA	PA	Z	Z	Z	Z	Z	Z	PA	PA
				Y	Y	Y	Y	Y	Y		
				R	R	R	R	R	R		
				O	O	O	O	O	O		
IP + 24S + IP		HD								HD	

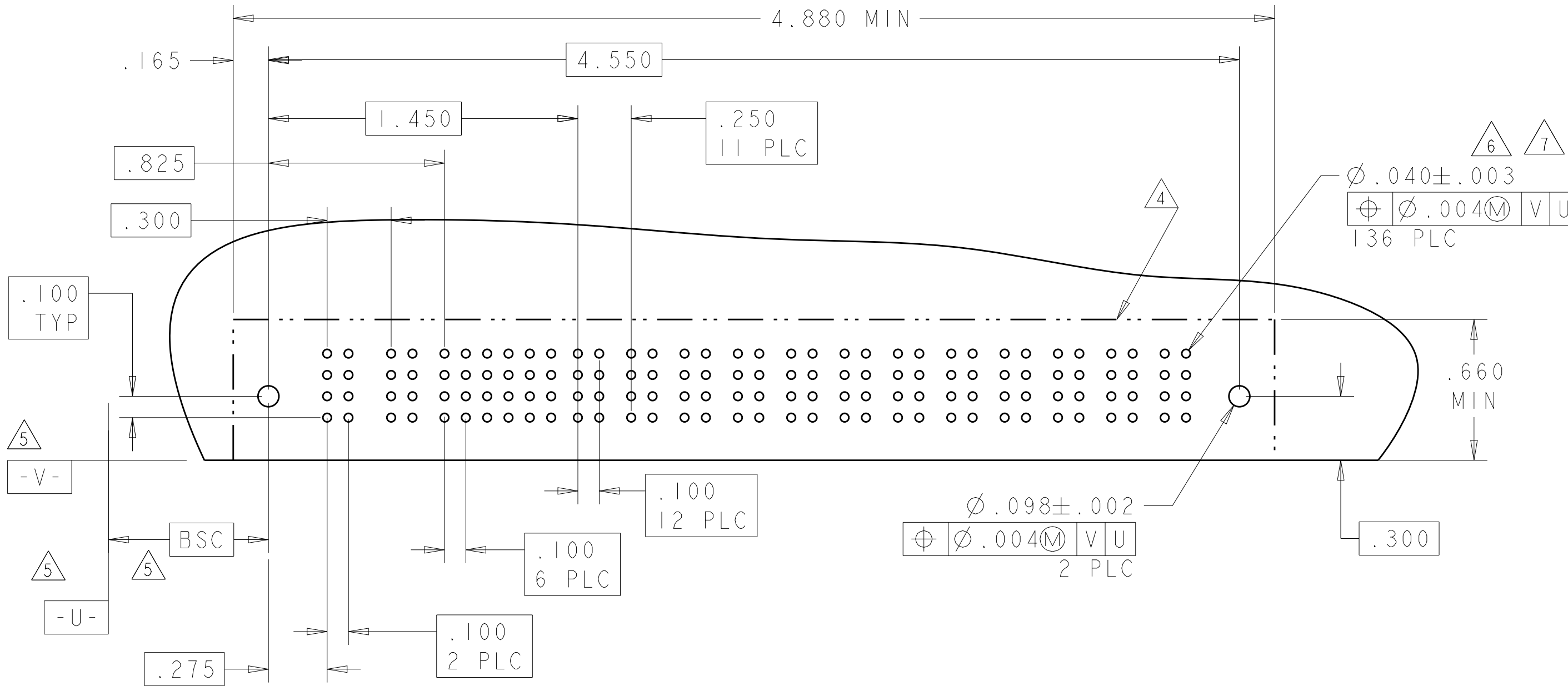


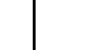
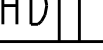
PART NUMBER	ROWS		POWER			SIGNAL										POWER									
			P1	P2	P3	1	2	3	4	5	6	7	8	9	10	P4	P5	P6	P7	P8	P9	P10	P11		
2-6450120-0	D C B A		PM	PM	PM	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM		
						K	K	K	K	K	K	K	K	K	K									K	
						N	N	N	N	N	N	N	N	N	N									N	N
						S	S	S	S	S	S	S	S	S	S						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

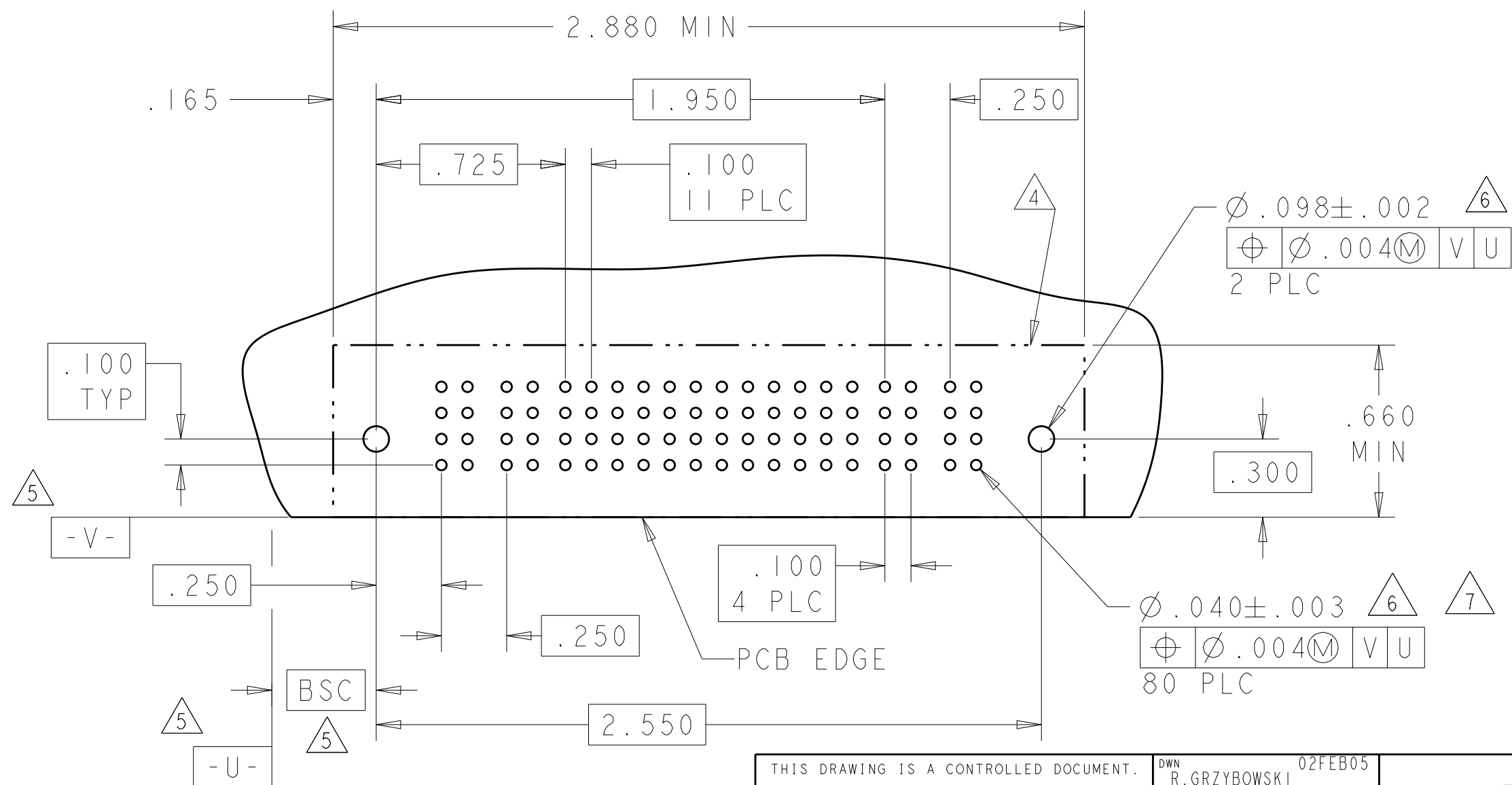


LOC		DIST		REVISIONS					
ES		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					-	SEE SHEET 1	-	-	-
							</		

PART NUMBER	ROWS		POWER		SIGNAL						POWER														
			P1	P2	1	2	3	4	5	6	P3	P4	P5	P6	P7	P8	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			
					K	K	K	K	K	K															
					N	N	N	N	N	N															
					S	S	S	S	S	S															
2ACP + 24S + 12P			HD																					HD	

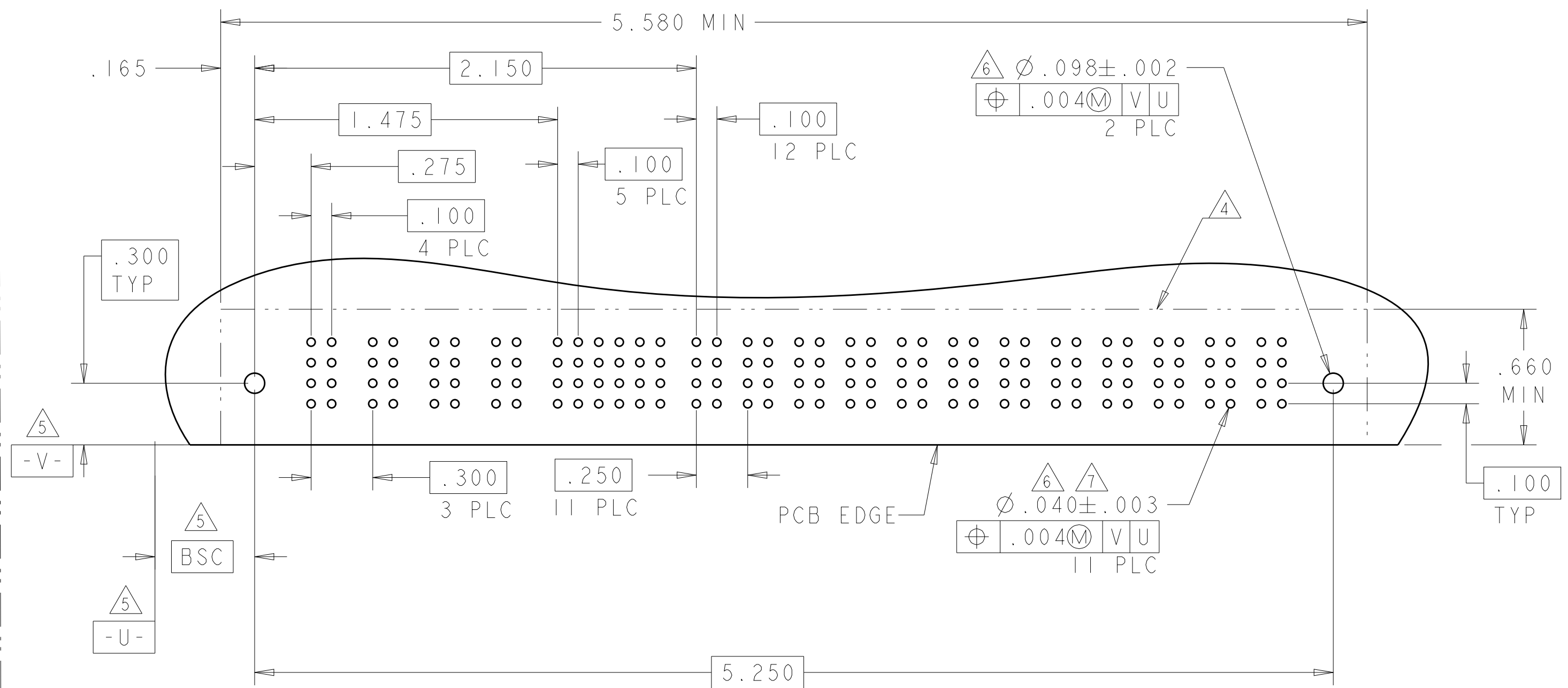


PART NUMBER	ROWS		POWER		SIGNAL												POWER				
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	P3	P4			
2-6450120-3	D C B A			PM	PM	J	J	J	J	J	J	J	J	J	J	J	PM	PM			
						K	K	K	K	K	K	K	K	K	K	K				K	K
						N	N	N	N	N	N	N	N	N	N	N				N	N
						S	S	S	S	S	S	S	S	S	S	S				S	S
2P + 48S + 2P																					

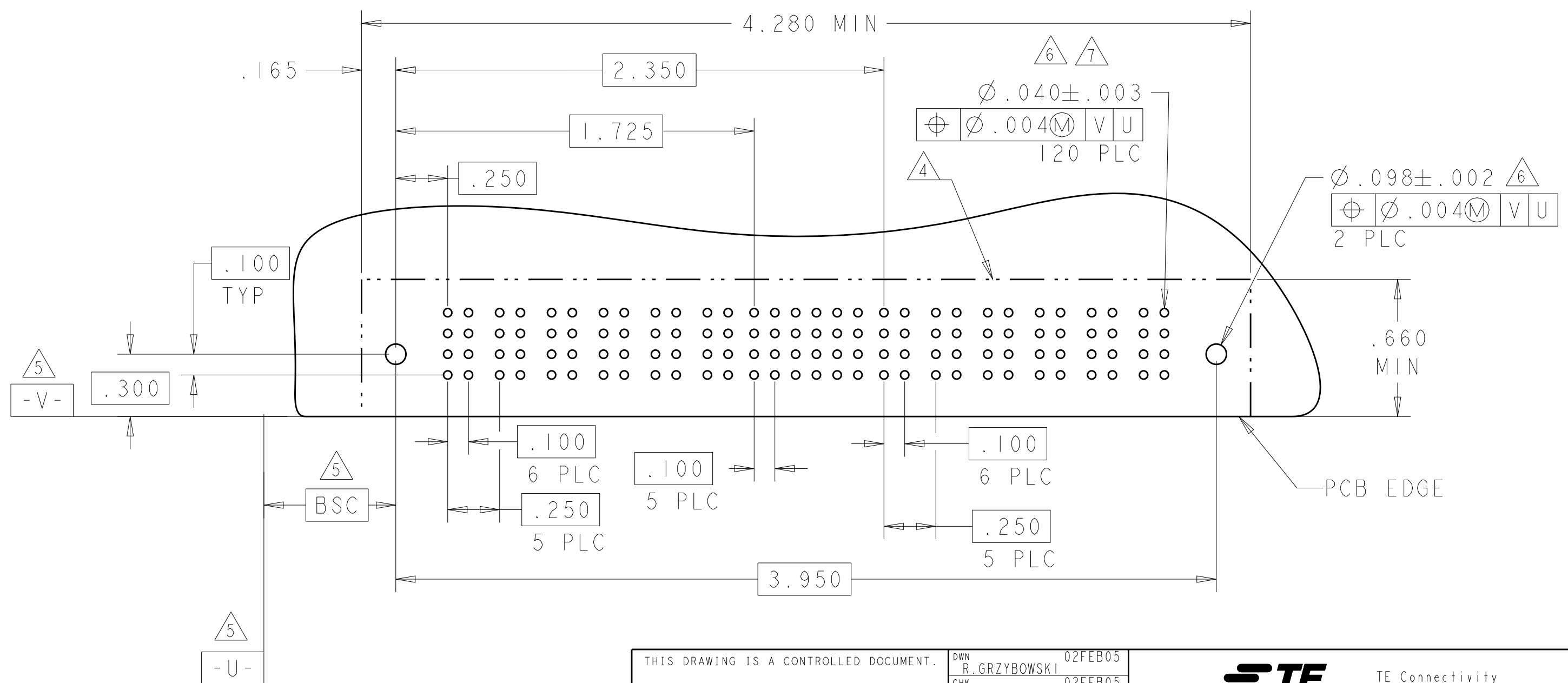


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 02FEB05	TE Connectivity	
DIMENSIONS: INCHES		CHK M.PERCHEKKE 02FEB05	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W.PERCHEKKE 02FEB05	RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL	
0 PLC ±.01		PRODUCT SPEC	SIZE	
1 PLC ±.01		108-1973	CAGE CODE	
2 PLC ±.005		APPLICATION SPEC	DRAWING NO	
3 PLC ±.002		114-13038	RESTRICTED TO	
4 PLC ±.002		WEIGHT	A100779	
FINISH		CUSTOMER DRAWING	SCALE 4:1	
MATERIAL		SHEET 7 OF 24		REV M2

PART NUMBER	ROWS		AC POWER				SIGNAL						POWER																
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16					
2-64501020-6	D C B A																												
4ACP + 24S + 12P																													



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)

4.380 MIN

2.500

1.675

.165

.250

.100

.100

7 PLC

7 PLC

4

2 PLC

$\varnothing .040 \pm .003$

$\varnothing .098 \pm .002$

144 PLC

.300

5

-V-

.660 MIN

.200

6 PLC

PCB EDGE

.200

6 PLC

.100

TYP

4.050

5

-U-

BSC

6

7

⊕ .004 M V U

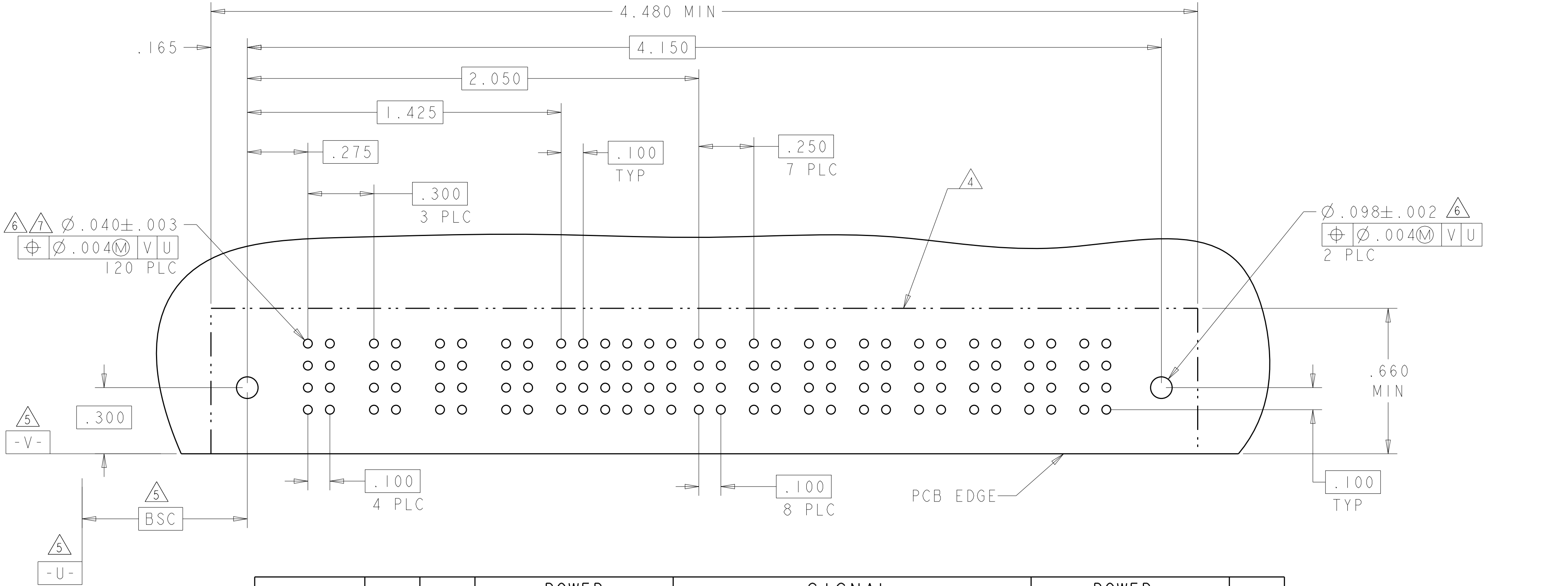
⊕ .004 M V U

Technical drawing of a PCB layout for a 132 PLC. The drawing shows a rectangular board with a central array of 132 circular components arranged in 11 rows and 12 columns. Various dimensions are specified in inches, including overall length (4.180 MIN), width (.165), and component spacing (.725, .250, .100). Callouts include "24 PLC", "2 PLC", "132 PLC", "PCB EDGE", and "BCS". Surface finish requirements are indicated by triangles 4, 5, and 6, with specific tolerances like $\text{Ø}.098 \pm .002$ and $\text{Ø}.040 \pm .003$. A BCS component is located on the left edge.

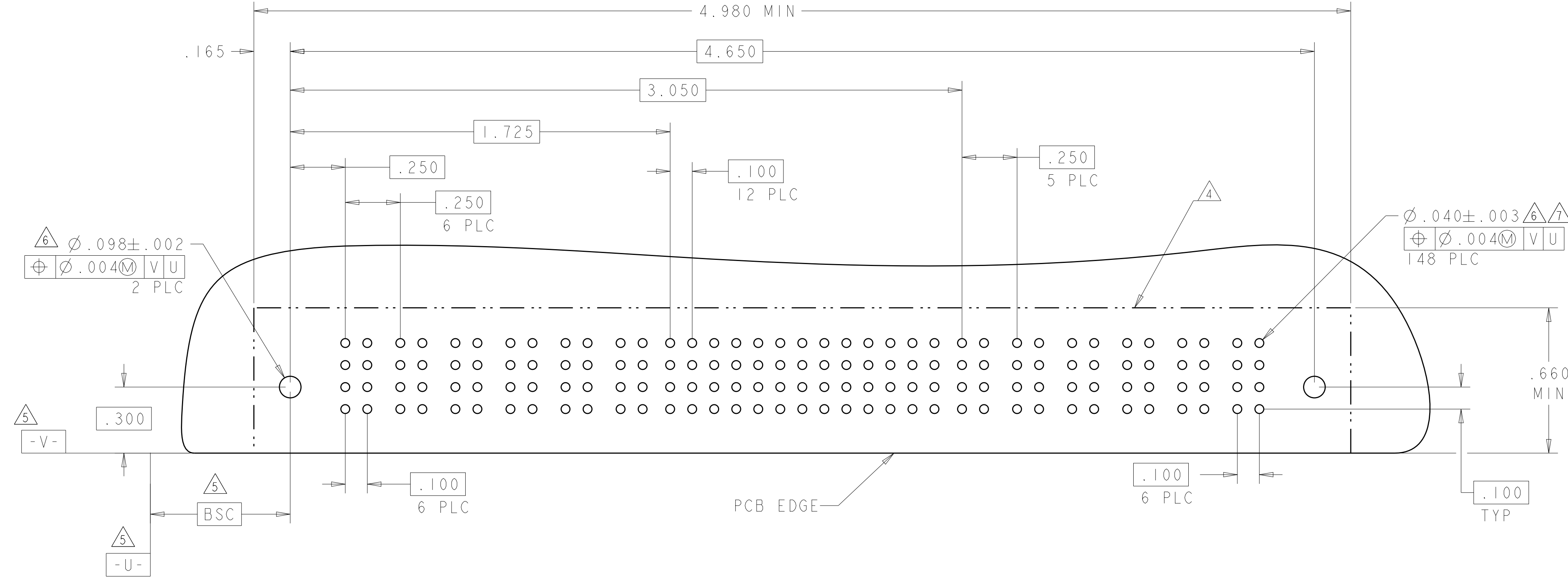
4805 (3/11)

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	5	6	P5	P6	P7	P8	P9	P10	P11	P12	
4-6450120-0	D C B A			PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	
								K	K	K	K	K	K								
								N	N	N	N	N	N								
								S	S	S	S	S	S								
4ACP + 24S + 8P																					



PART NUMBER	ROWS		POWER						SIGNAL													POWER									
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	7	8	9	10	11	12	13	P7	P8	P9	P10	P11	P12				
3-6450120-5	D C B A		PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM				
									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
									S	S	S	S	S	S	S	S	S	S	S	S	S								S	S	S
6P + 52S + 6P																															



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN R.GRZYBOWSKI 02FEB05
CHK M.PERCHEKKE 02FEB05
APVD M.PERCHEKKE 02FEB05

TE Connectivity

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°
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
00779

DRAWING NO
C=6450120

RESTRICTED TO
-

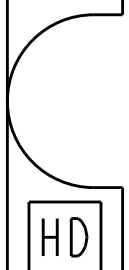
SCALE
4:1

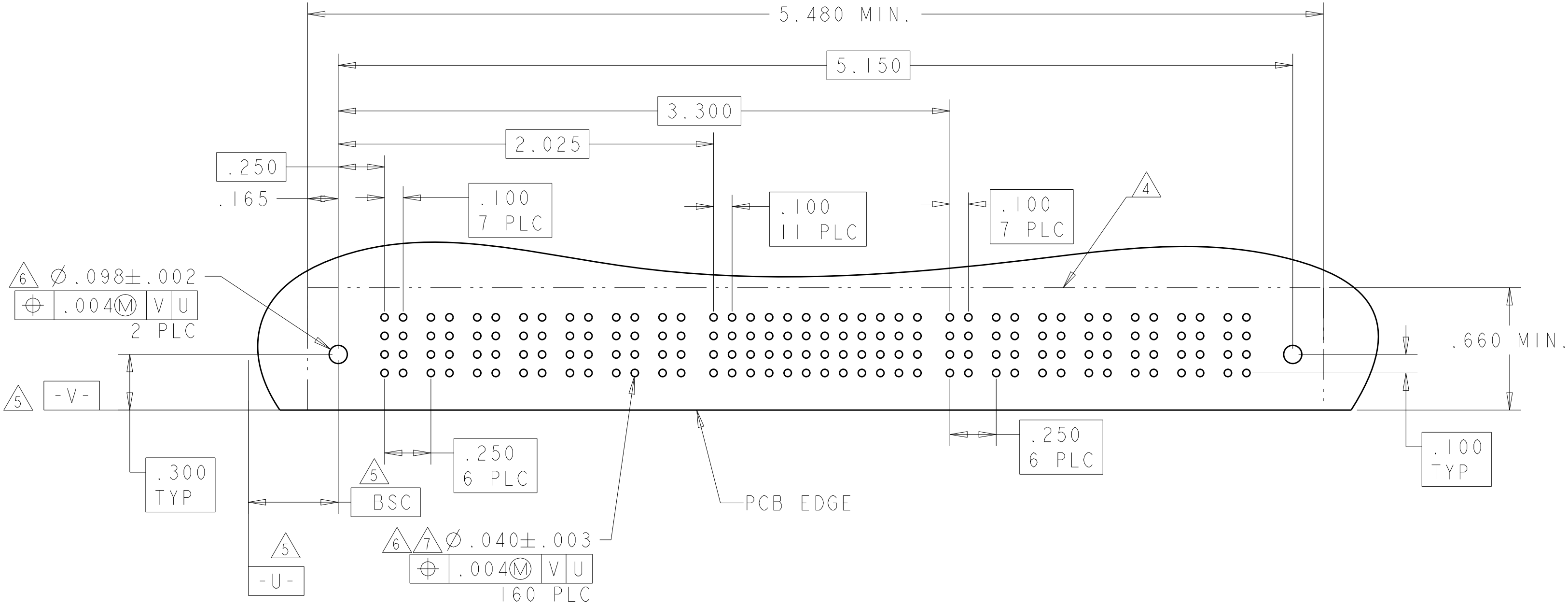
SHEET
10

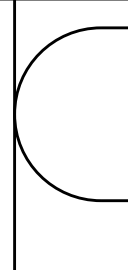
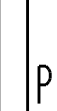
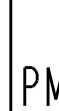
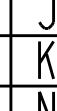
OF
24

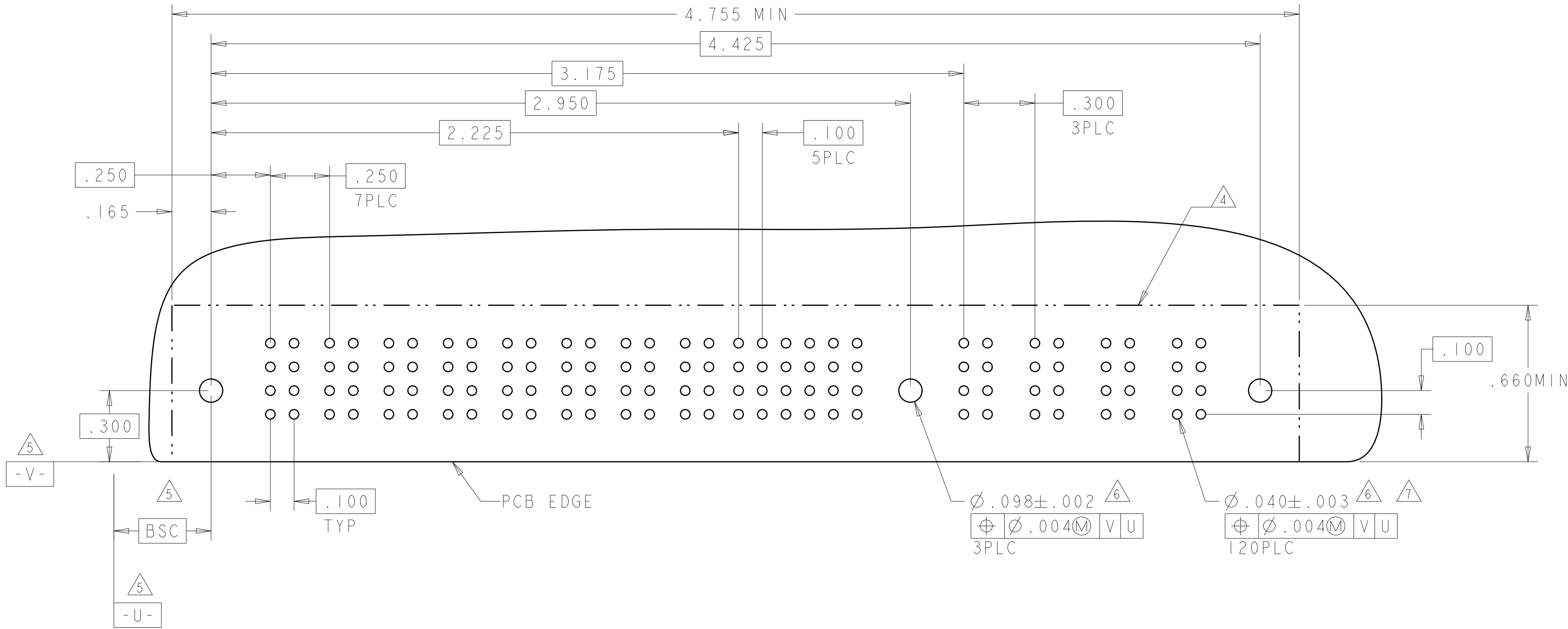
REV
M2

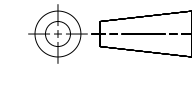
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

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



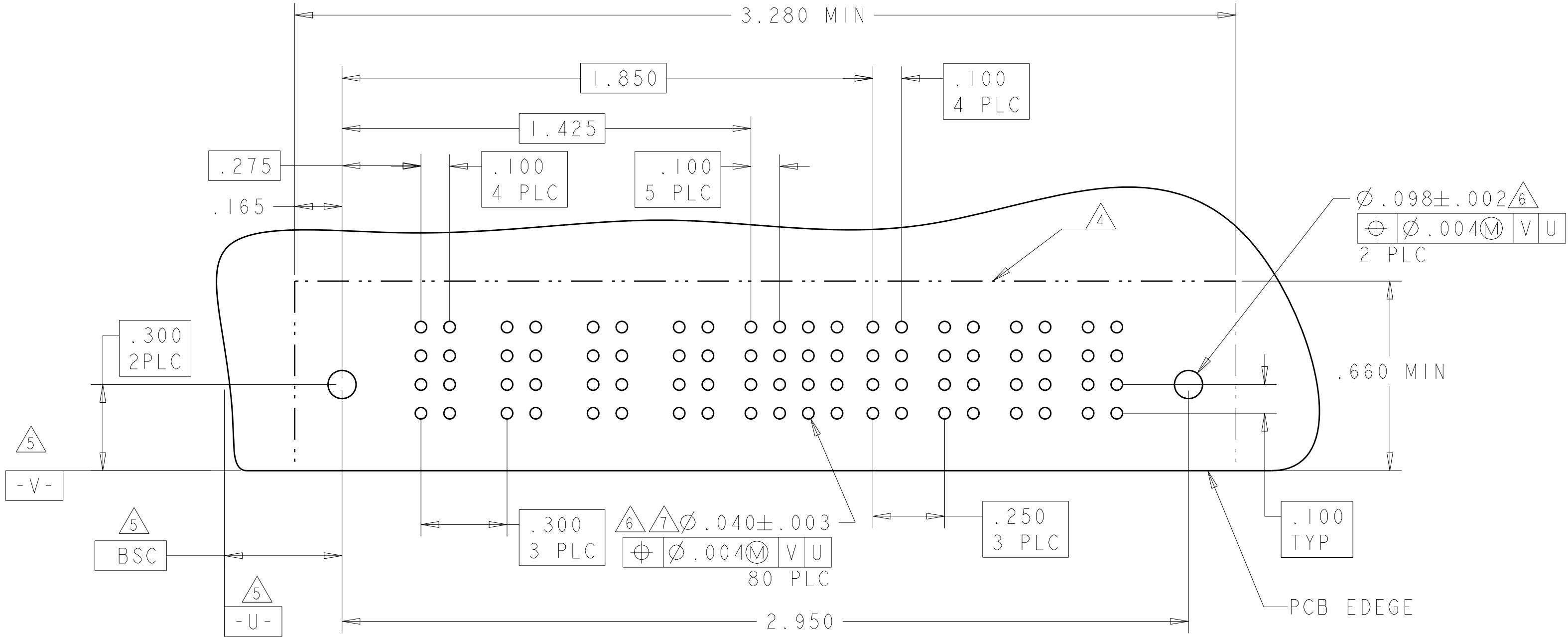
PART NUMBER	ROWS		POWER								SIGNAL							POWER				
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4-6450120-2	D C B A										J	J	J	J	J	J						
											K	K	K	K	K	K						
											N	N	N	N	N	N						
											S	S	S	S	S	S						
8P + 24S + 1M + 4ACP																						



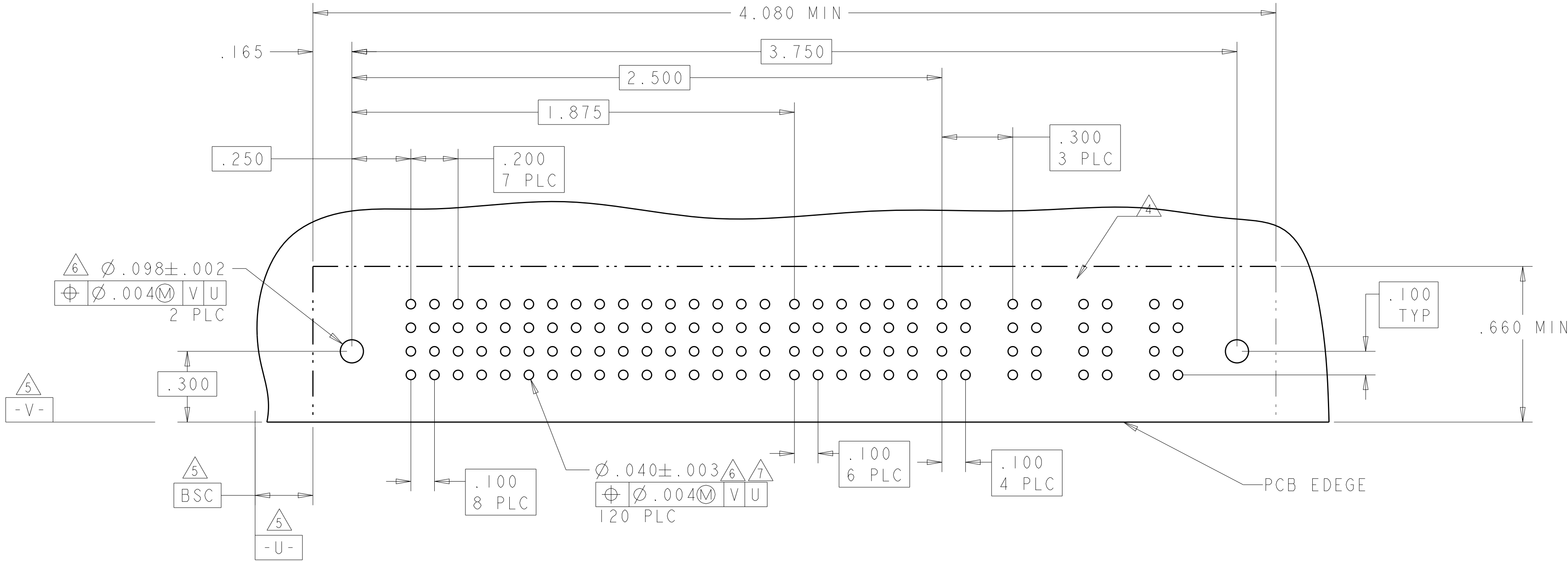
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	02FEB05	 TE Connectivity	
		CHK M.PERCHEKKE	02FEB05		
DIMENSIONS: INCHES		APVD M.PERCHEKKE	02FEB05	NAME	RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		APPLICATION SPEC	
MATERIAL -		FINISH -		SIZE A1	CAGE CODE 00779
		CUSTOMER DRAWING		DRAWING NO C=6450120	RESTRICTED TO -
				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																				
8P + 24S + 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

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

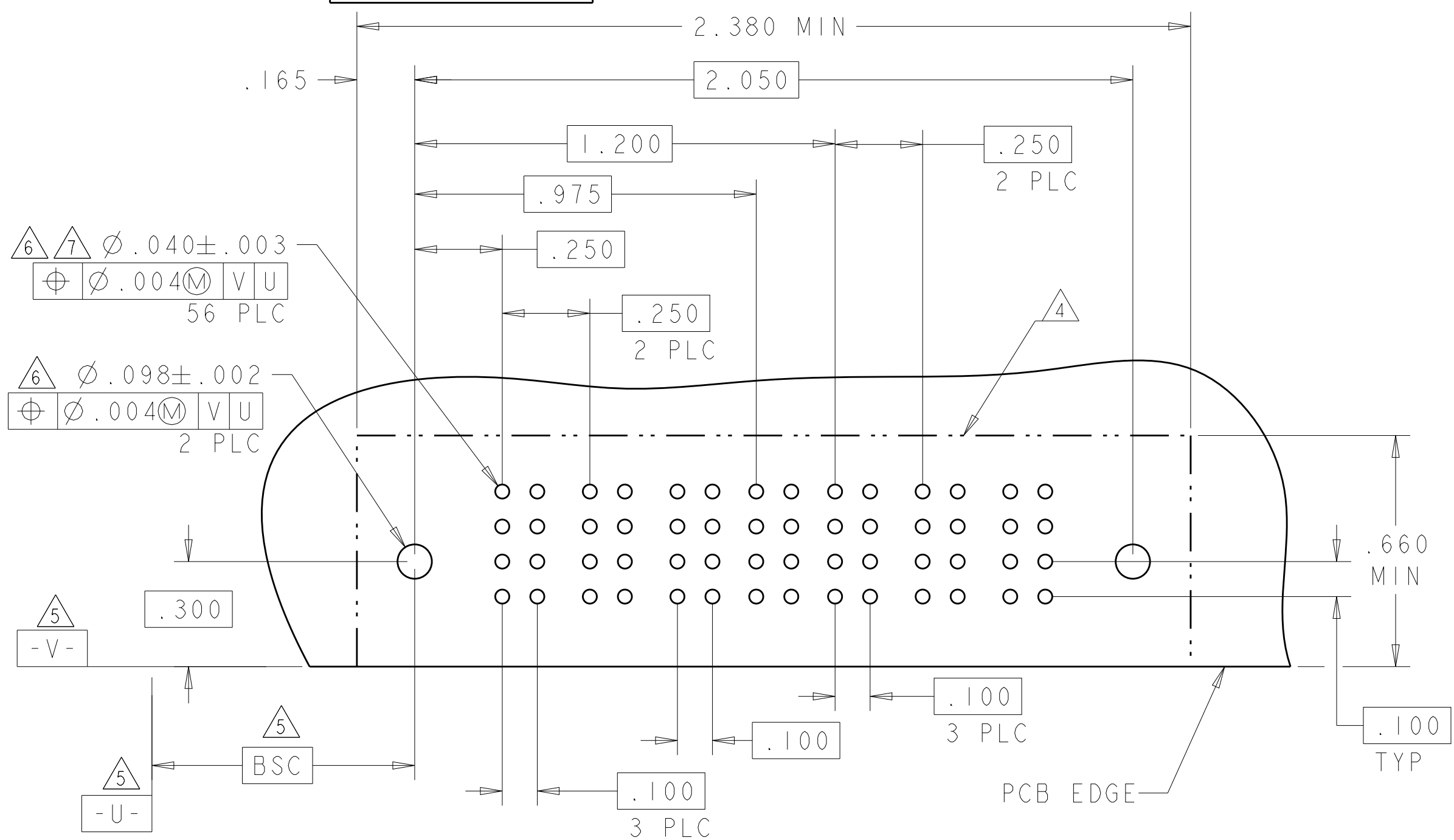
OF
24

REV
M2

TE Connectivity

TE

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



2.280 MIN.

1.350

.725

.250

.100
4 PLC

.100
TYP.

Ø .040 ± .003
⊕ Ø .004 (M) V U 6 6
56 PLC.

.660 MIN.

.300

.165

BSC

.100
5 PLC.

.250

.250

Ø .098 ± .002
⊕ Ø .004 (M) V U 6
2 PLC.

PCB EDGE

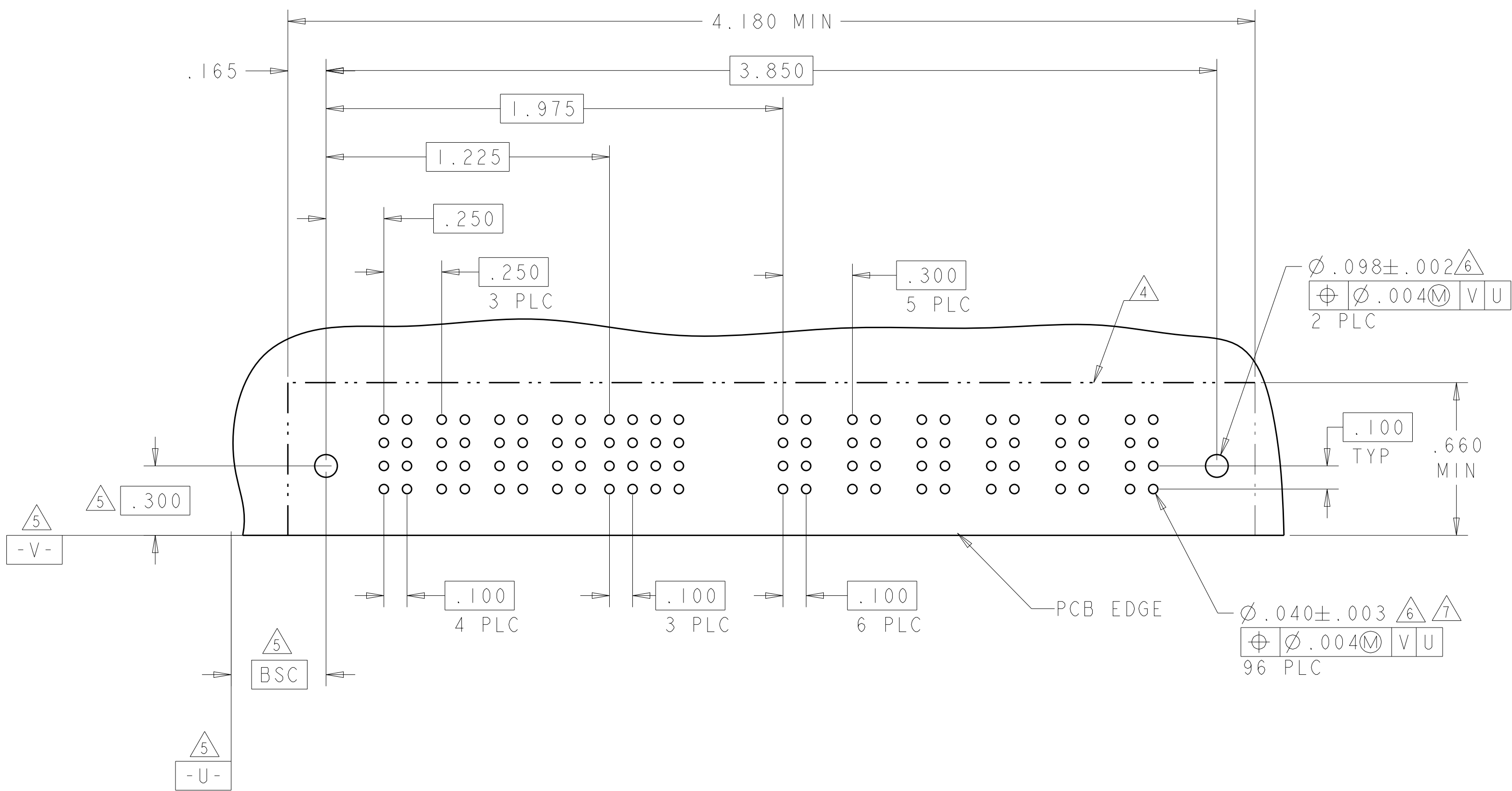
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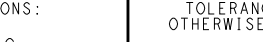
-V-

-U-

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN. GRZYBOWSKI 02FEB05 CHG. M. PERCHERKE 02FEB05 APPR. 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 -	
		WEIGHT -		SCALE 4:1 SHEET 13 OF 24 REV M	
		CUSTOMER DRAWING			

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 02FEB05		 TE Connectivity	
DIMENSIONS:		CHG M. PERCHERRE 02FEB05			
INCHES		APVD M. PERCHERRE 02FEB05		NAME	
		PRODUCT SPEC		RIGHT ANGLE HEADER W/GUIDE ASSEMBLY	
		108-1973		MULTI-BEAM XL	
		APPLICATION SPEC		-	
		114-13038		-	
FINISH		WEIGHT		SIZE CAGE CODE DRAWING NO	
-		-		A100779G-6450120	
MATERIAL		CUSTOMER DRAWING		RESTRICTED TO	
-		SCALE 4:1		SHEET 14 OF 24 REV. M2	

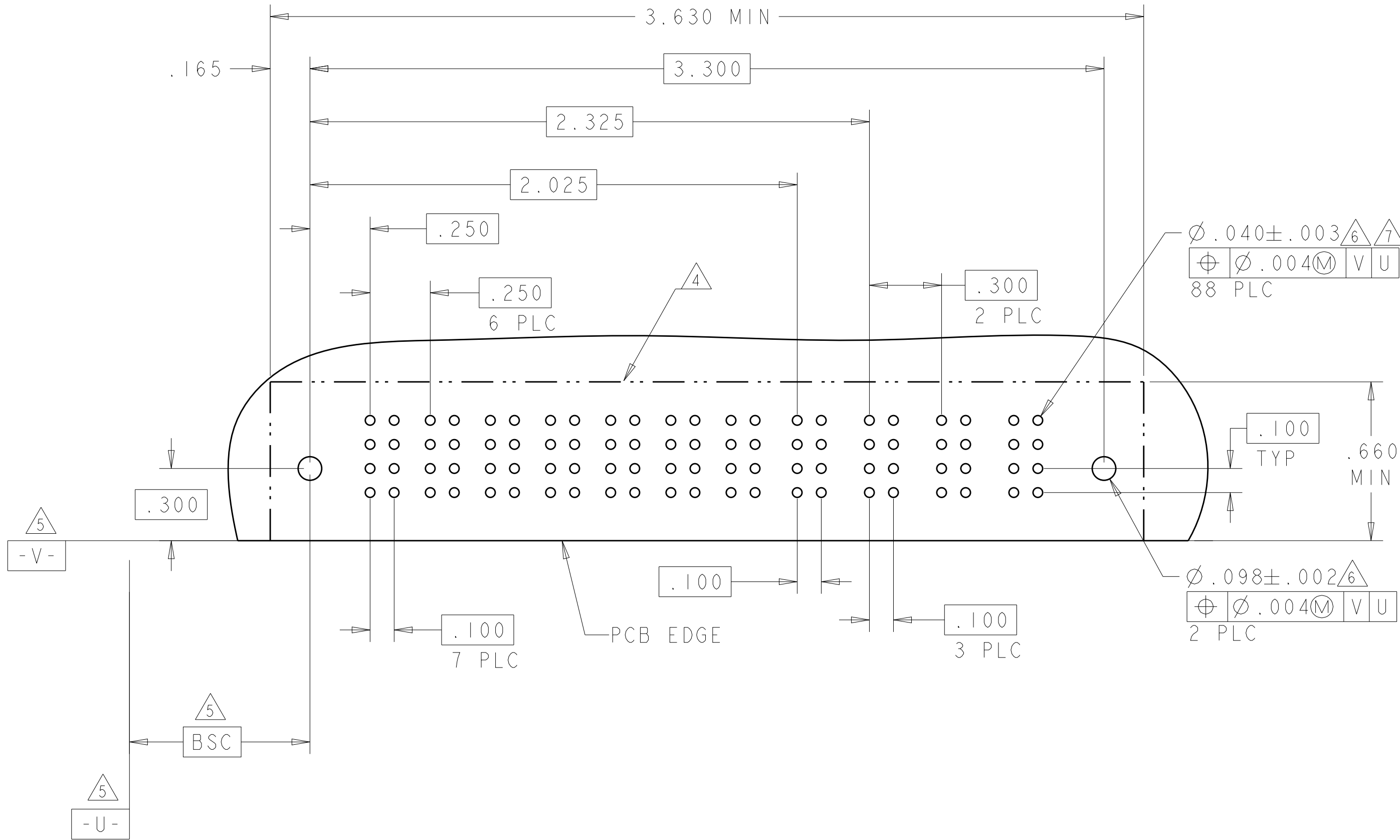
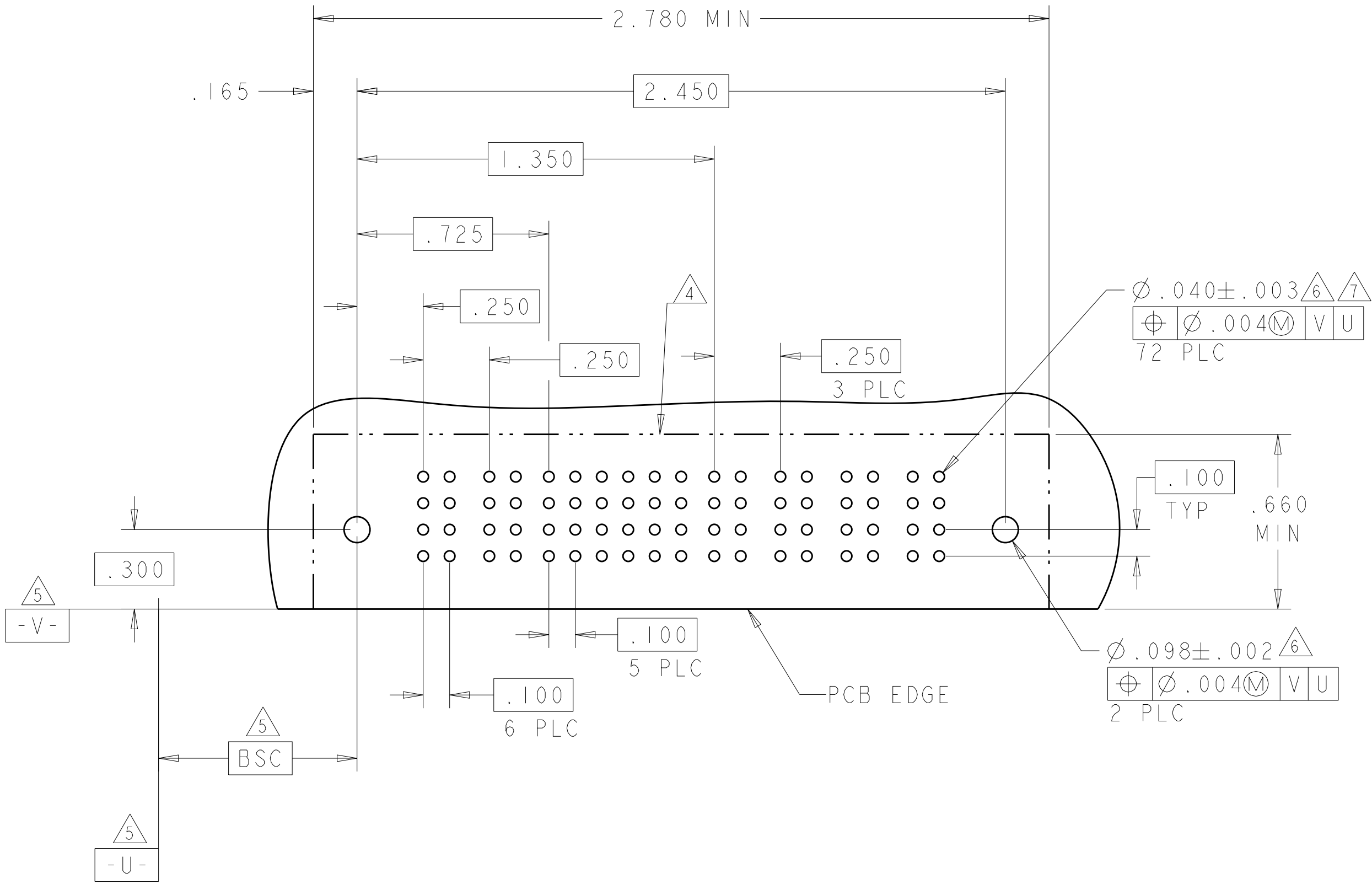
JI

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	1	2	3	4	5	6	P3	P4	P5	P6	
5-6450120-3	D		PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	
	C				K	K	K	K	K	K					
	B				N	N	N	N	N	N					
	A	HD			S	S	S	S	S	S					HD
2P + 24S + 4P															

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



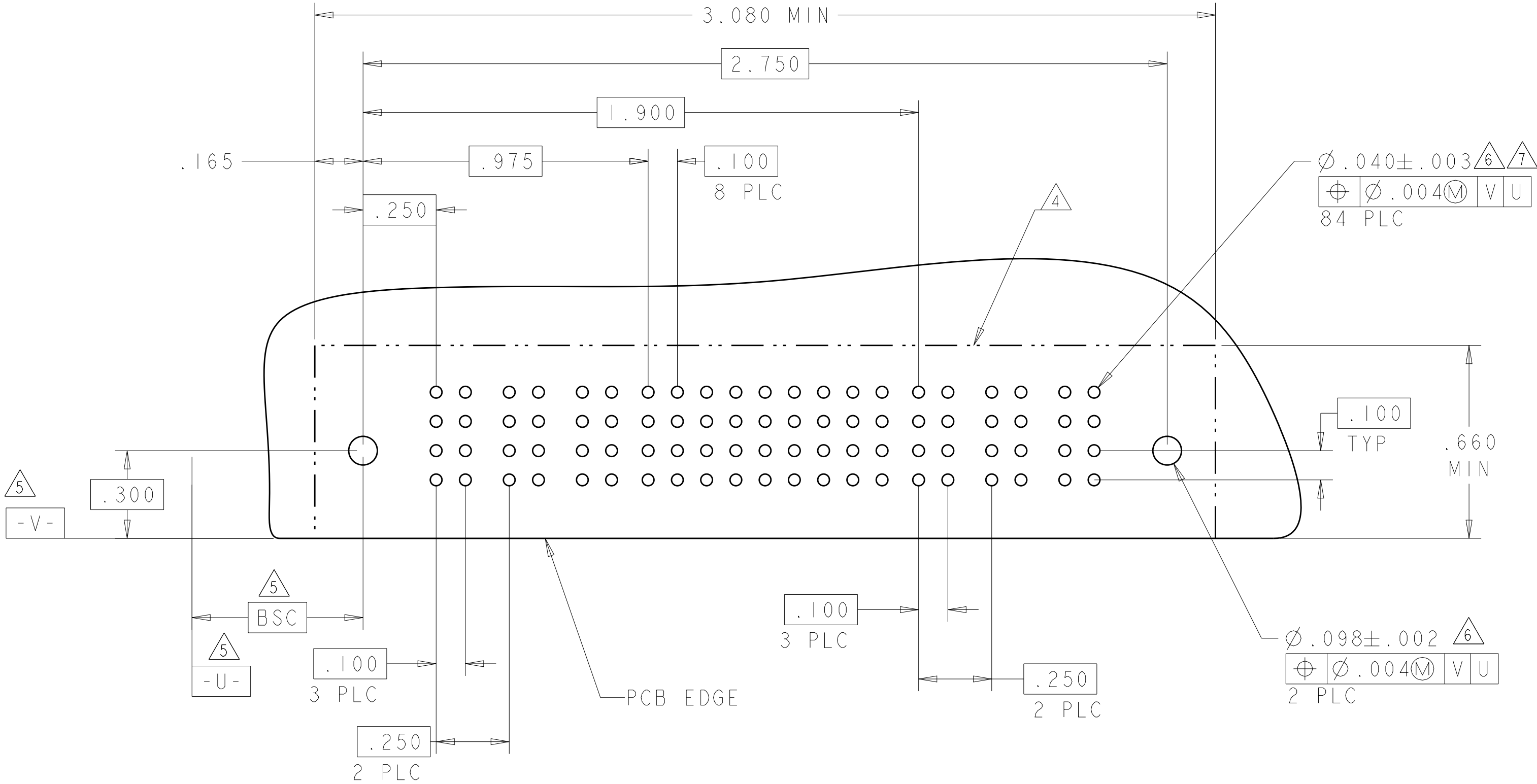
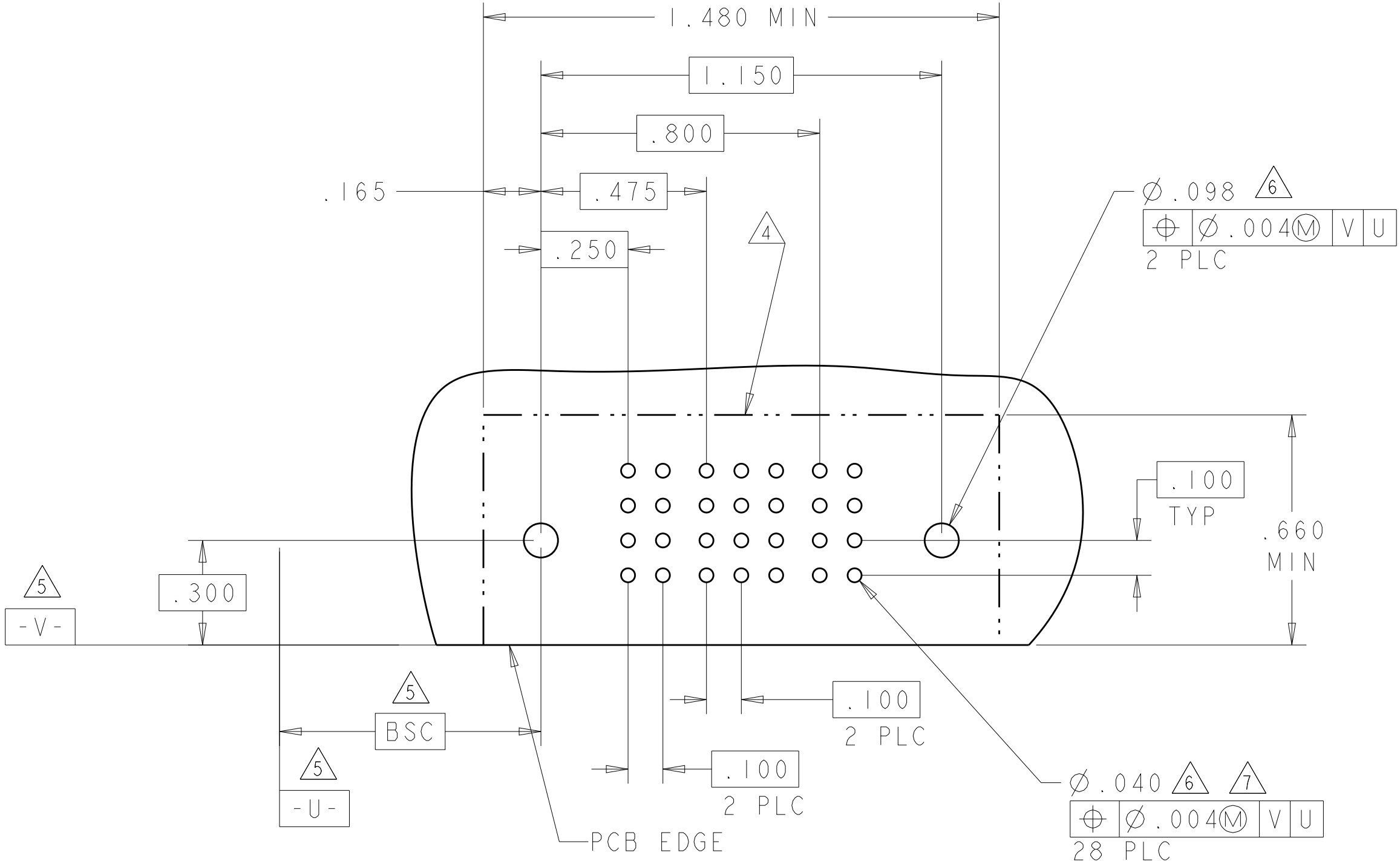
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ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

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		

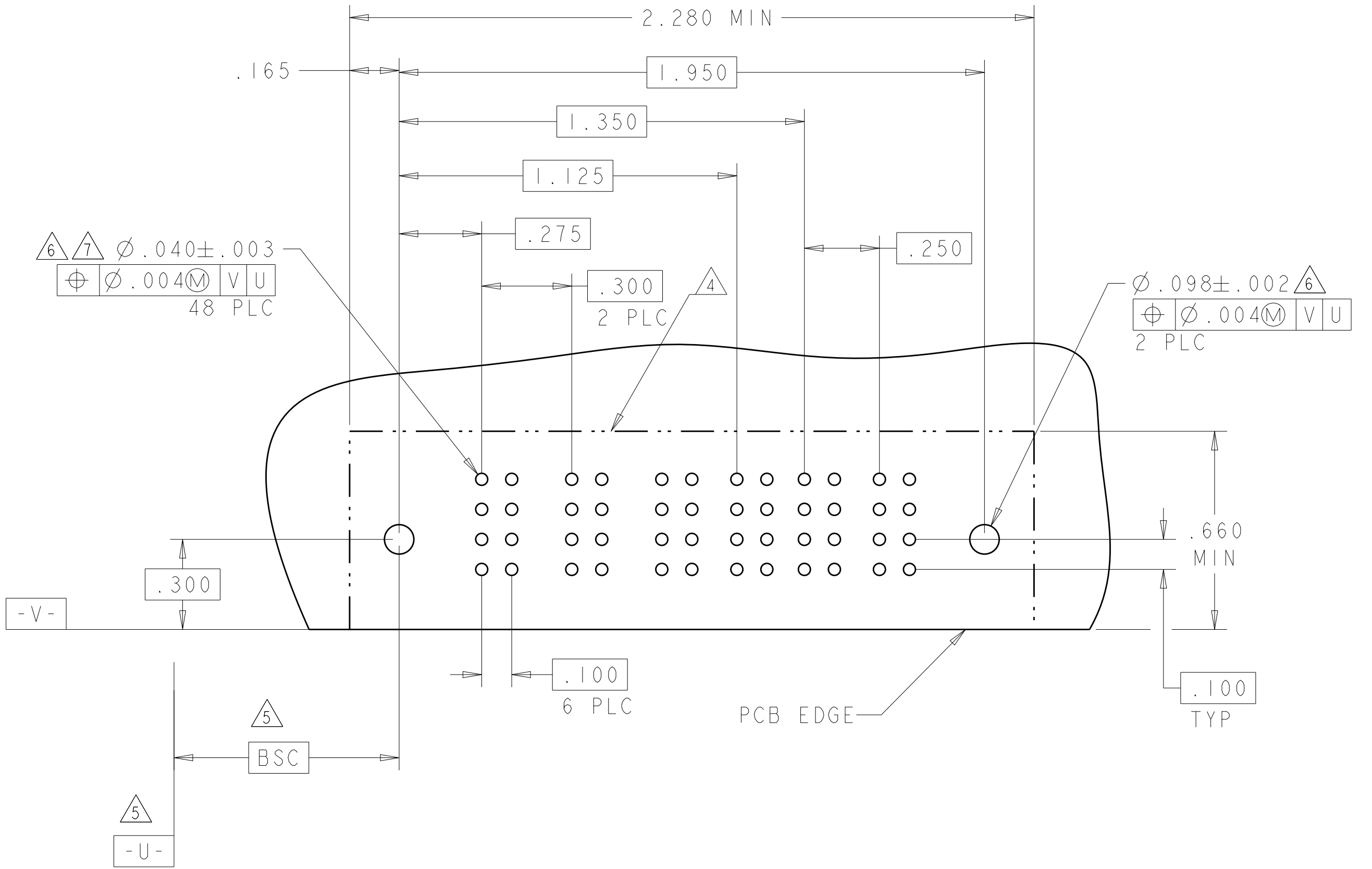
PART NUMBER	ROWS	POWER		SIGNAL			POWER	
		PI	I	2	3	P2		
5-6450120-6	D	PM	J	J	J	PM		
	C		K	K	K			
	B		N	N	N			
	A		S	S	S			
IP + 12S + IP		HD				HD		

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					K
						N	N	N	N	N	N	N	N	N					N
						S	S	S	S	S	S	S	S	S					S
3P + 36S + 3P																			

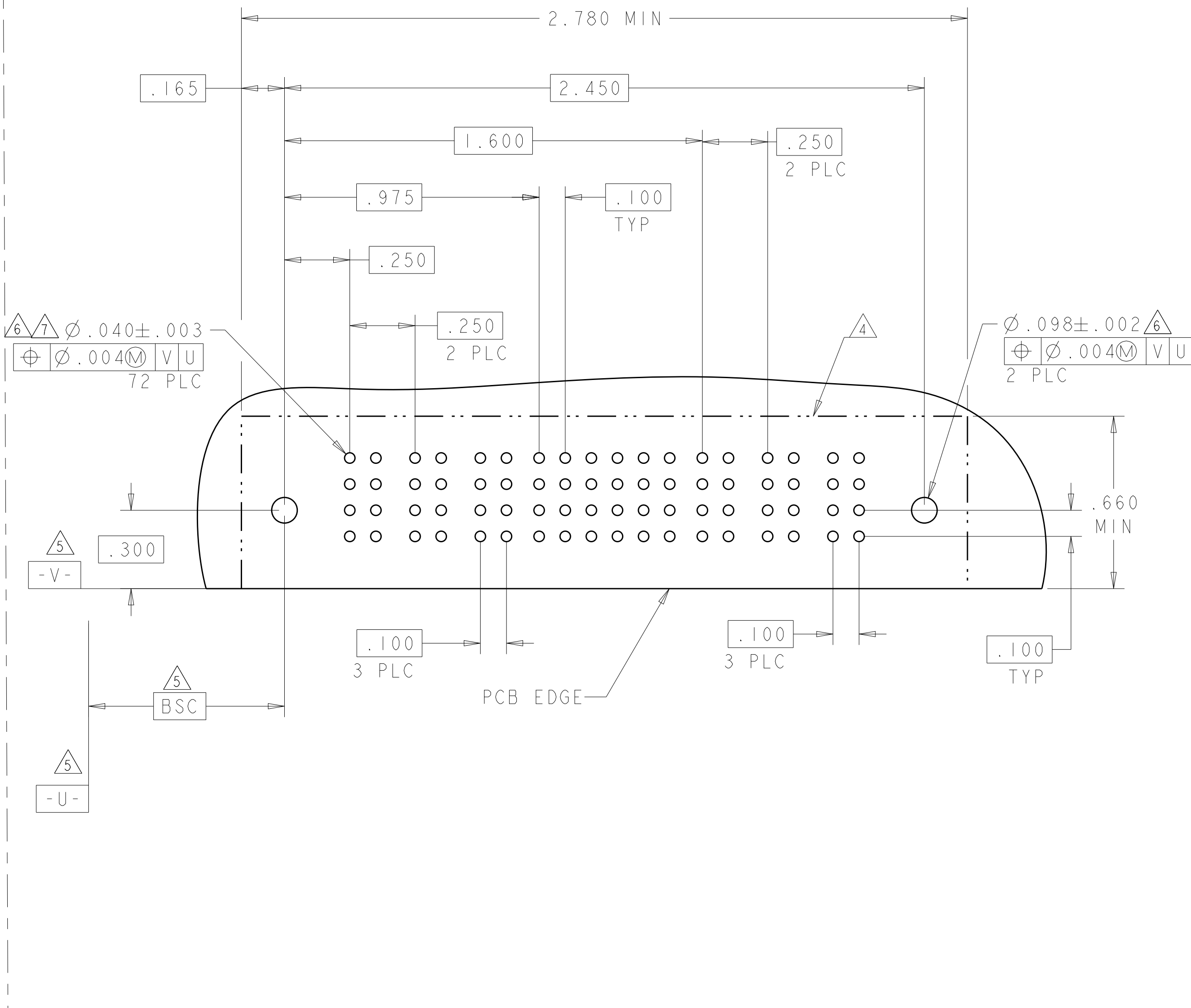


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 02FEB05	TE Connectivity	
		CHK M.PERCHERKE 02FEB05		
DIMENSIONS:		APVD M.PERCHERKE 02FEB05	NAME	
INCHES		PRODUCT SPEC	RIGHT ANGLE HEADER W/GUIDES ASSEMBLY	
		108-1973	MULTI-BEAM XL	
		APPLICATION SPEC		
		114-13038		
		WEIGHT		
		CUSTOMER DRAWING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

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										

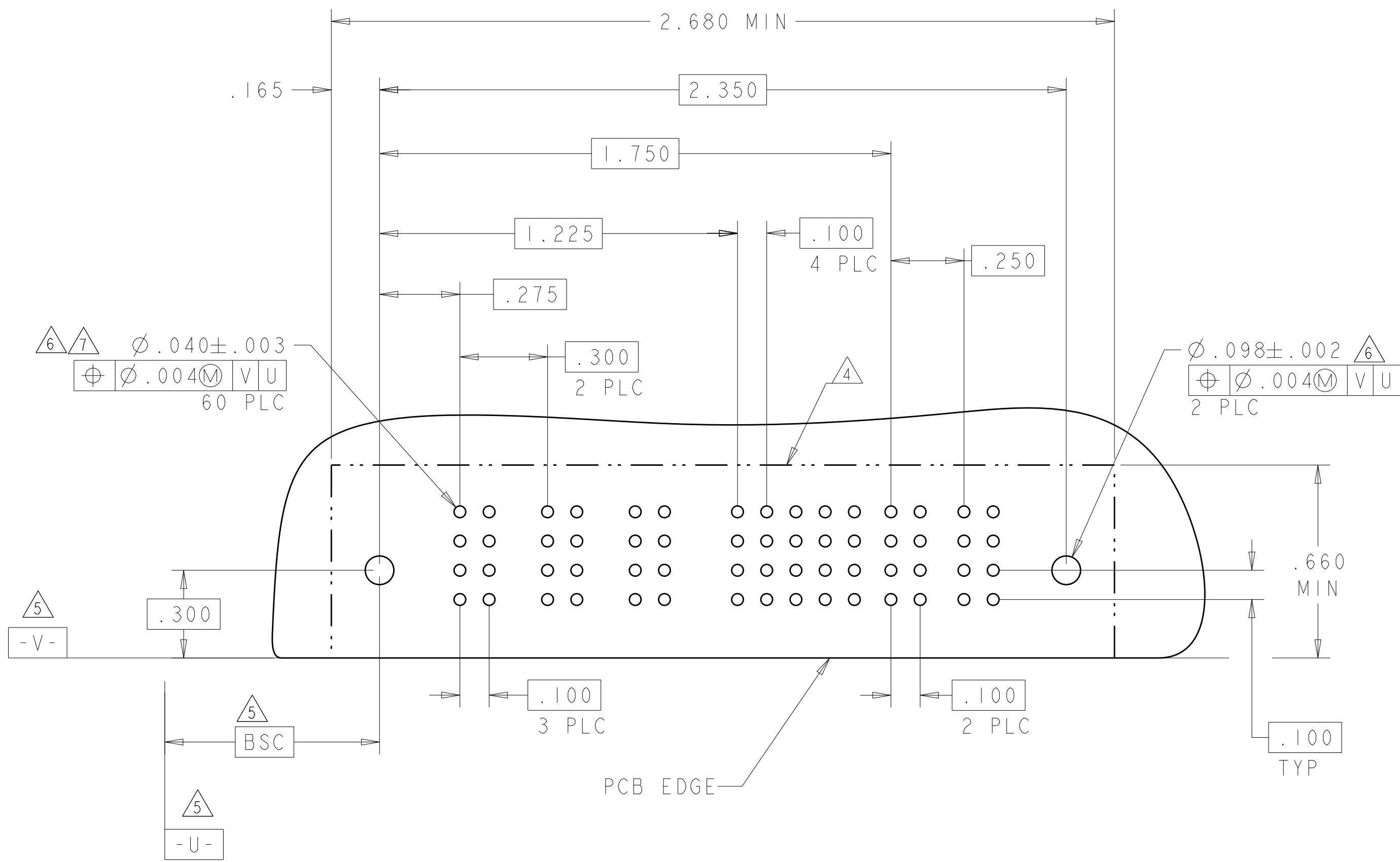


PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
6-6450120-1	D		PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	
	K					K	F	F	K	K					
	N					N	G	G	N	N					
	S					S	S	S	S	S					
3P + 24S + 3P															

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

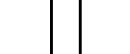
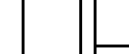
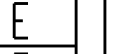
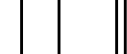
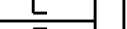
4805 (3/11)

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

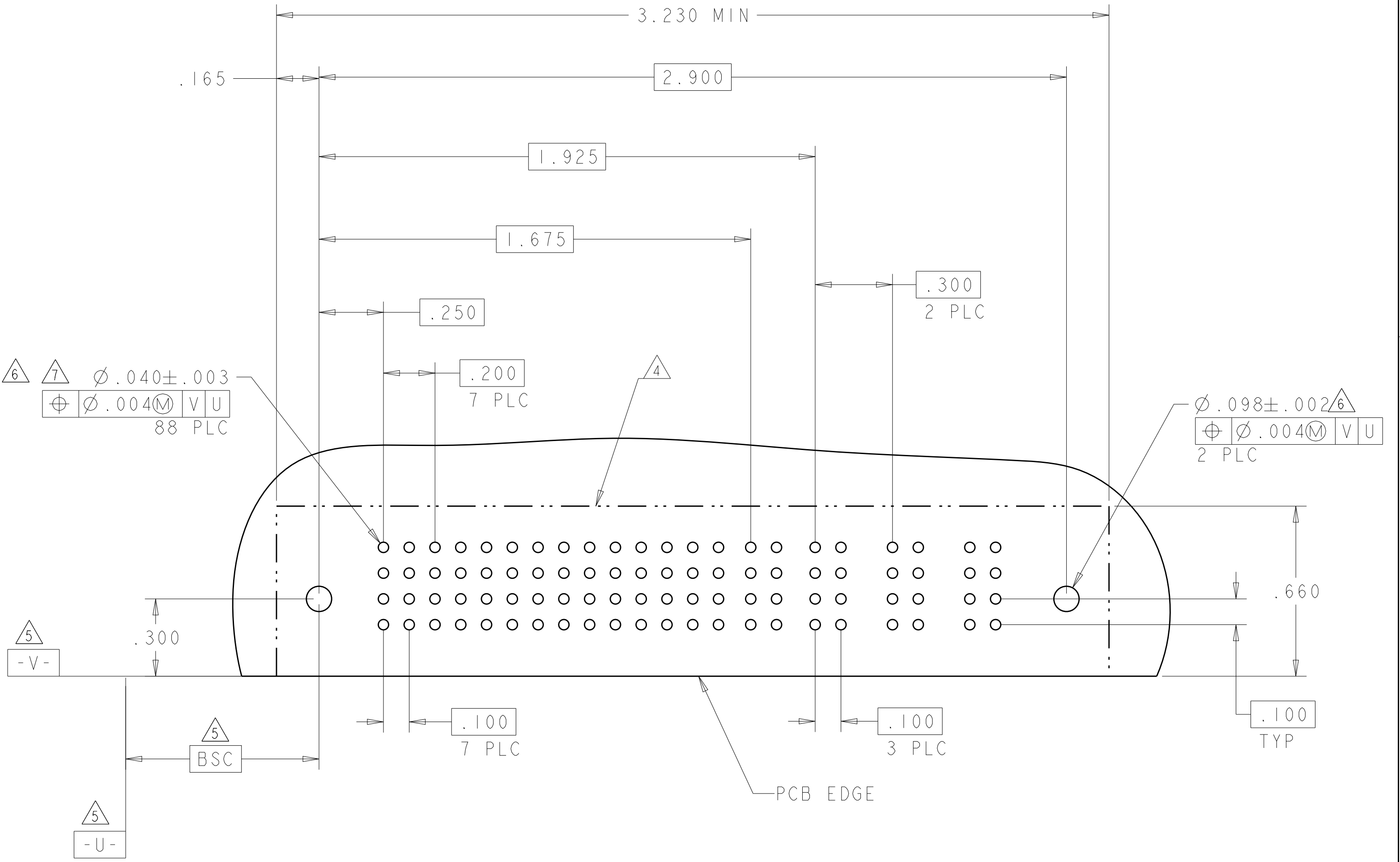
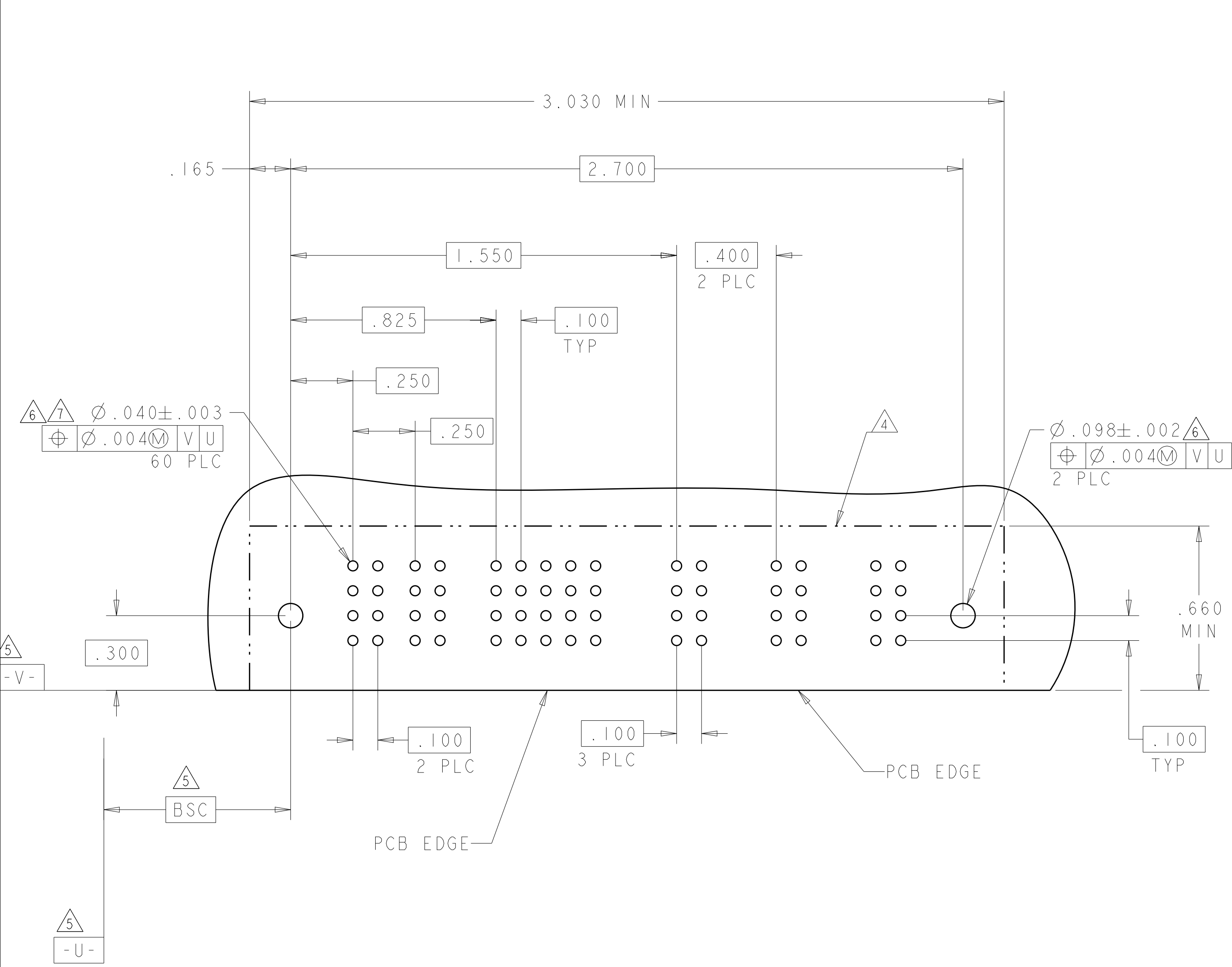
PART NUMBER	ROWS		POWER		SIGNAL						POWER						
			P1	P2	1	2	3	4	5	6	P3	P4	P5	P6	P7	P8	
6-6450120-6	D		PM	PM		J	J	J	J	J		PM	PM	PM	PM	PM	
	C					K	K	K	K	K							
	B					N	N	N	N	N							
	A					S	S	S	S	S							
2P + 24S + 6P																	

NO CONTACTS LOADED

NO CONTACTS LOADED

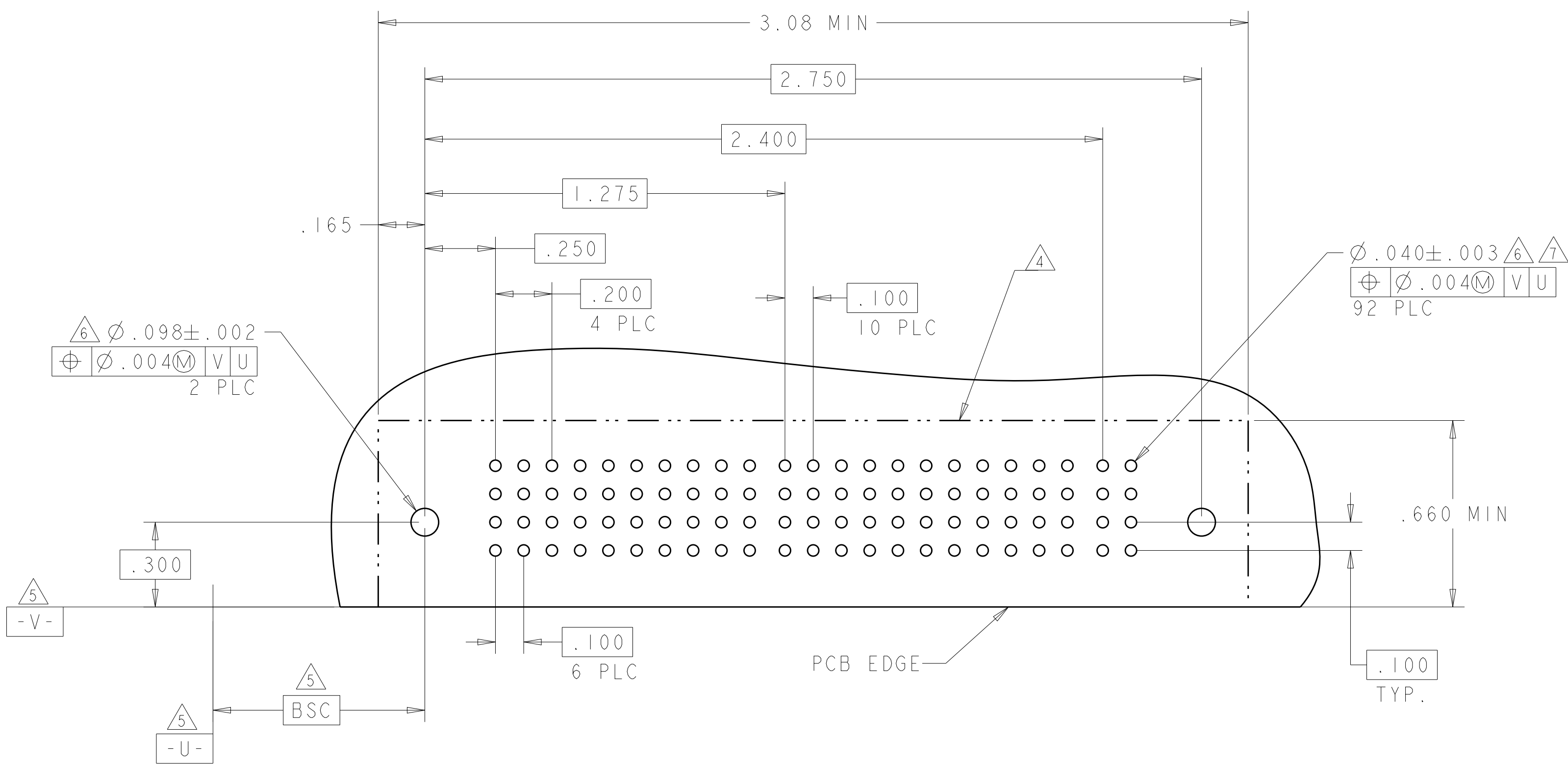
PART NUMBER	ROWS		POWER							SIGNAL		POWER			
			P1	P2	P3	P4	P5	P6	P7	1	2	P8	P9	P10	
6-6450120-7	D C B A														
								E	E						
								F	F						
								G	G						
7HDP + 8S + 3ACP															

L5



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 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2°		108-1973	
MATERIAL		FINISH		APPLICATION SPEC	
-		-		114-13038	
				WEIGHT	
				-	
				CUSTOMER DRAWING	
				SCALE 4:1 SHEET 22 OF 24 REV M2	

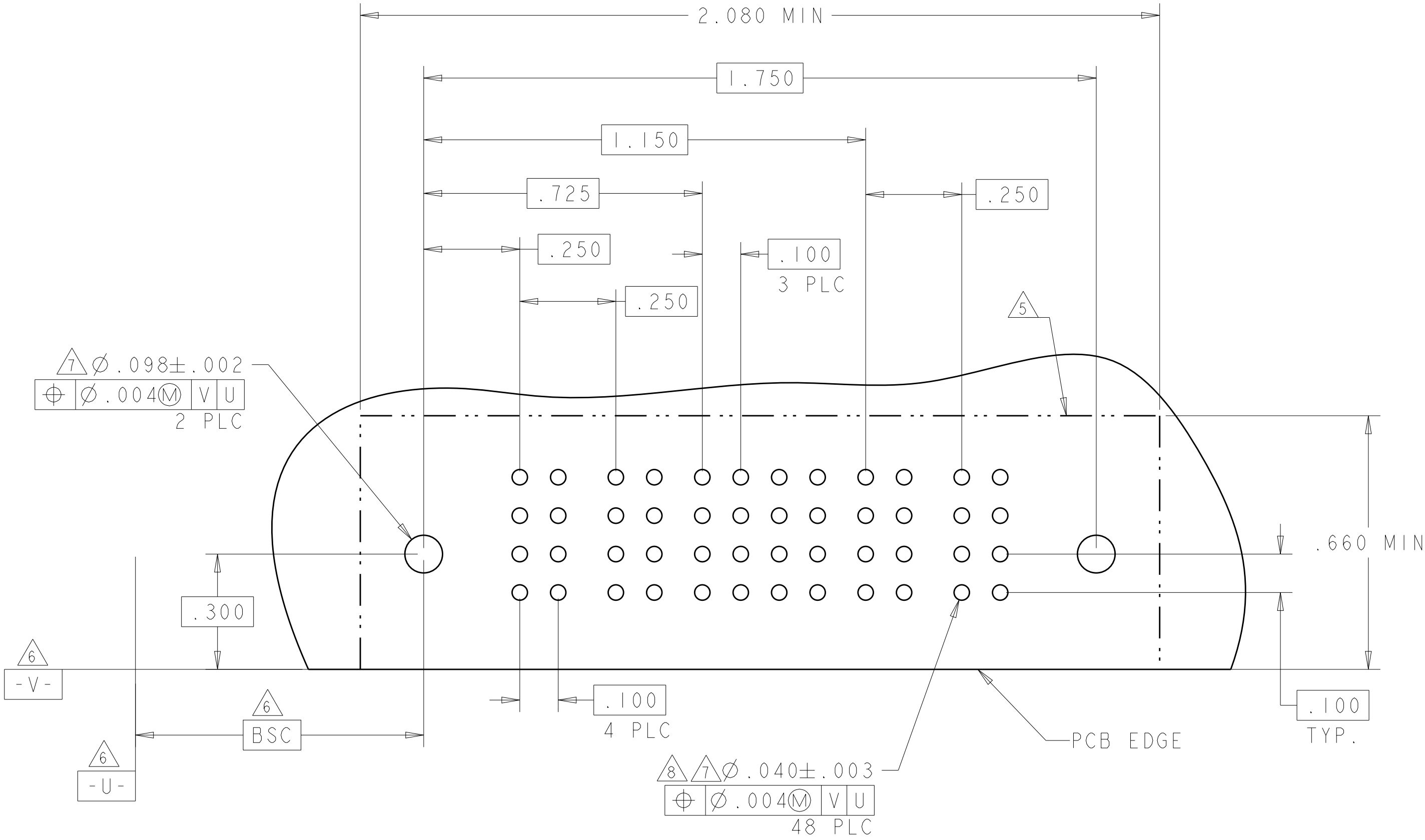
PART NUMBER	ROWS		POWER					SIGNAL											POWER		
			P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	9	10	11	P6		
7-6450120-0	D C B A		PM	PM	PM		PM	J		J		J		J		E		E	PM		
								G	N		N		N		K	F		F			
								H	H	H	H	H	H	S	S	H		H			
5P + 44S + 1P		HD																			HD

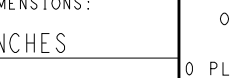
4805 (3/11)

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	
	C				F	F	F	F			
	B				N	N	N	N			
	A				H	H	H	H			
2P + 16S + 2P											



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	02FEB05	 TE Connectivity	
		CHK M.PERCHEKKE	02FEB05		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES #2° FINISH		APVD M.PERCHEKKE	
		PRODUCT SPEC		SIZE	
		108-1973		CAGE CODE	
		APPLICATION SPEC			DRAWING NO
		114-13038		RESTRICTED TO	
		WEIGHT			A100779
		CUSTOMER DRAWING		C=6450120	
					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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