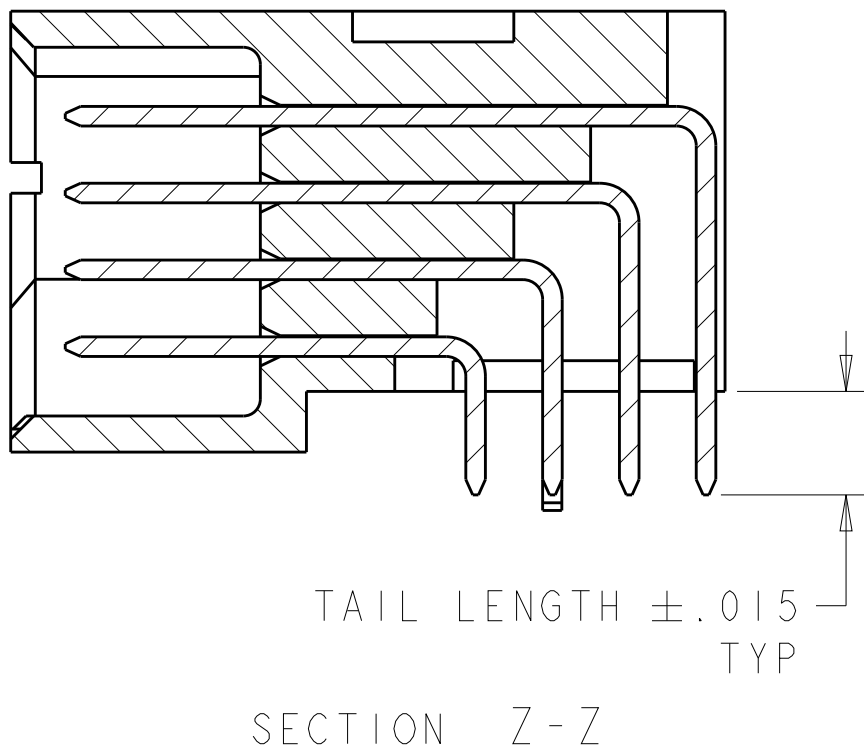
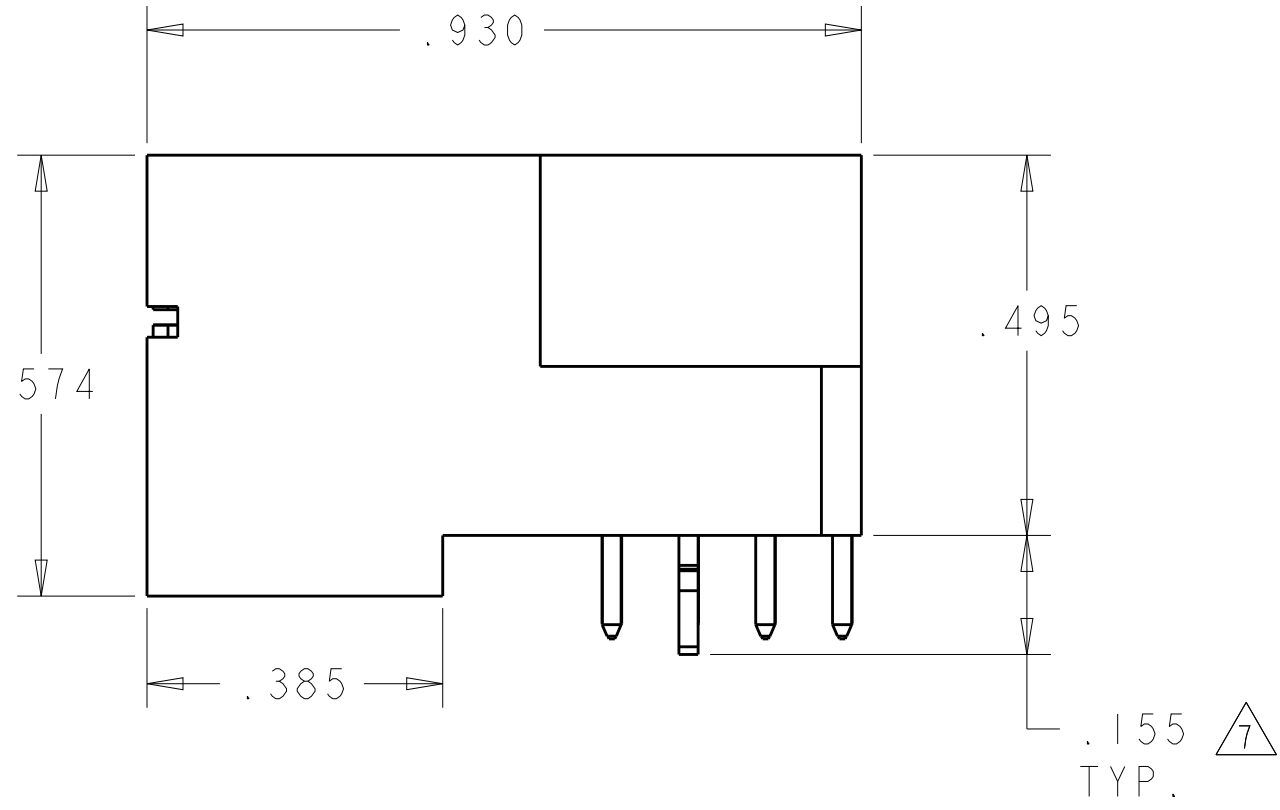
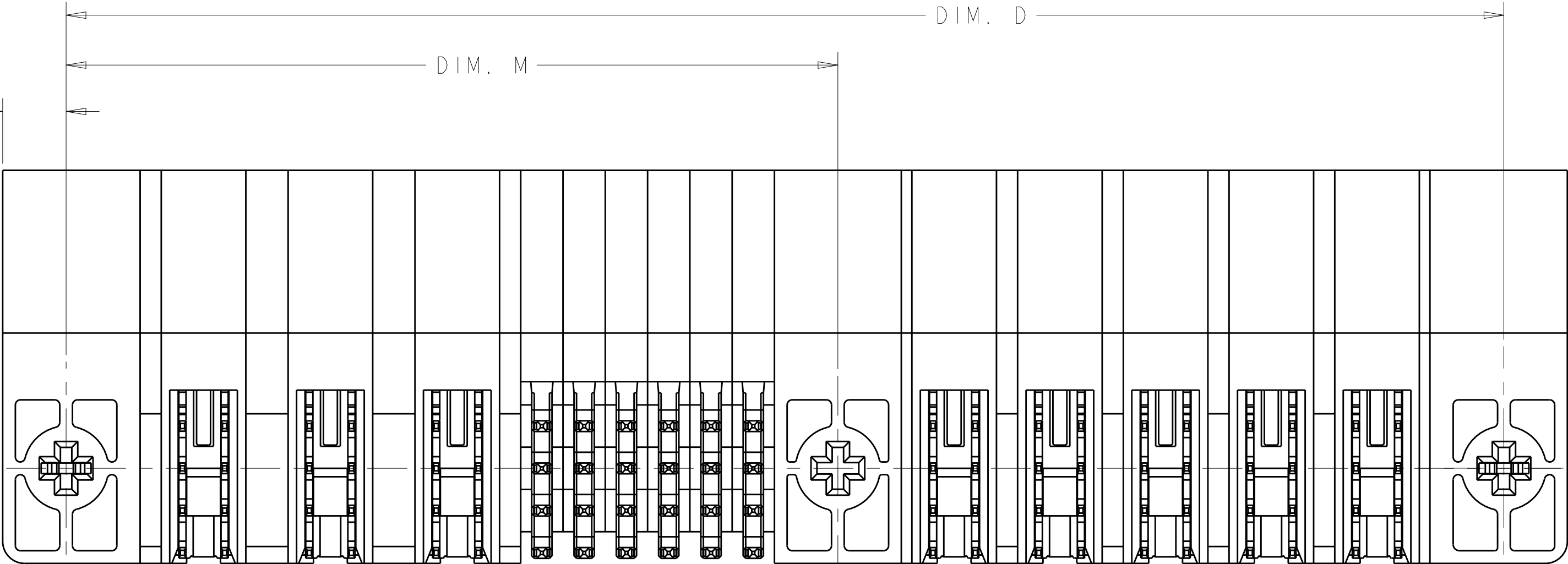
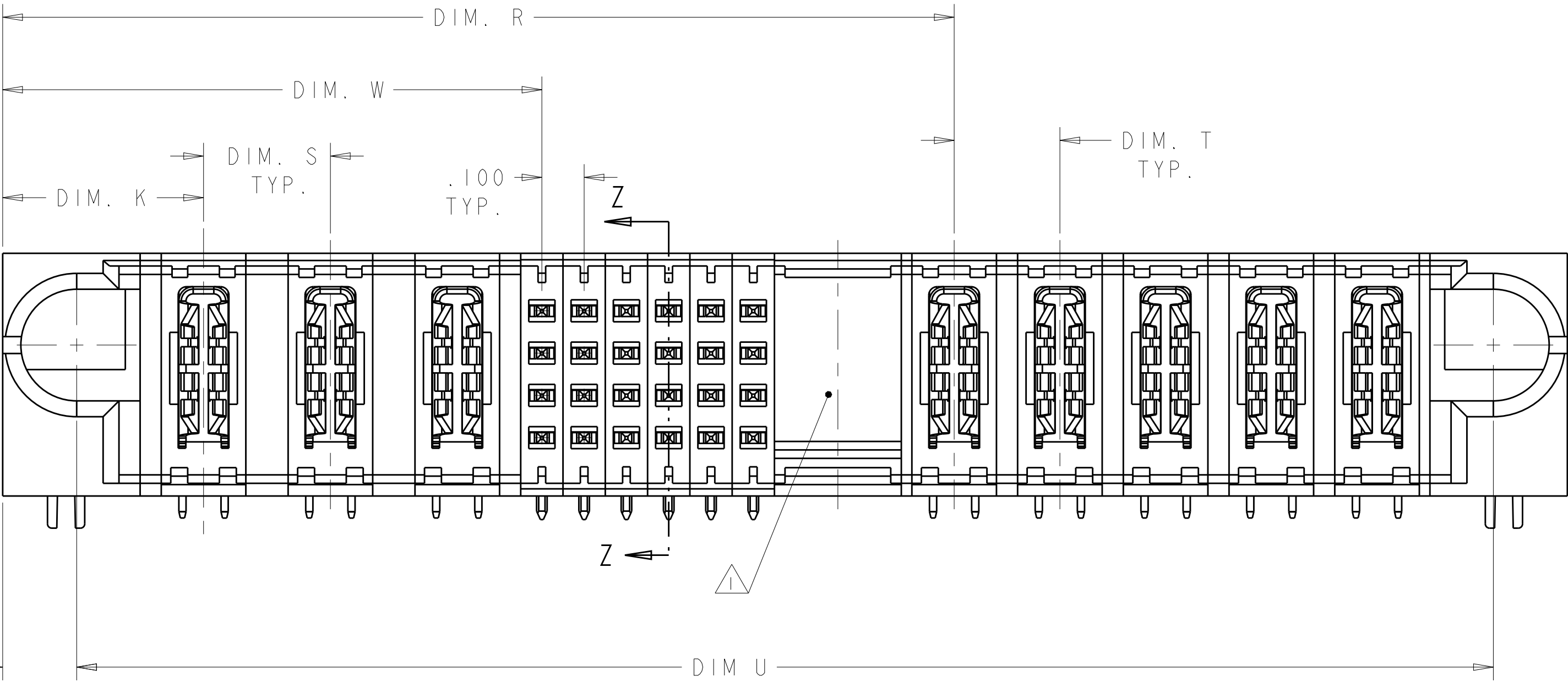
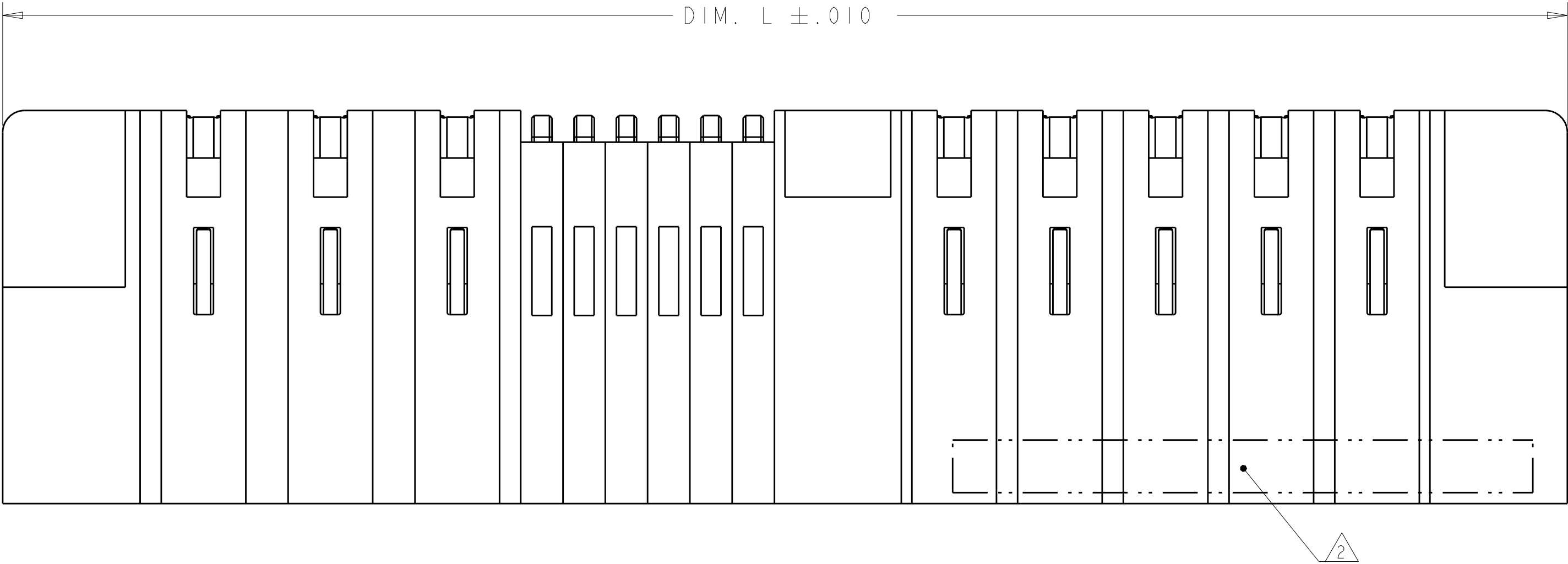


LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			L9	REV PER ECR-12-010228	07JUN2012	AY	SZ
			M1	ADD 5-6450130-3	25JULY2012	OL	SZ



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±"

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES ±2°

FINISH

DWN R.GRZYBOWSKI 4FEB2005

CHK M.PERCHERKE 14FEB2005

APVD M.PERCHERKE 14FEB2005

PRODUCT SPEC 108-1973

APPLICATION SPEC 114-13038

WEIGHT

Customer Drawing

NAME

SIZE CAGE CODE DRAWING NO

RESTRICTED TO

TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL

A100779C=6450130

SCALE 4:1 SHEET 1 OF 28 REV M2

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

- △1
- OPTIONAL CENTER MODULE WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE.
- △2
- "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- △3
- MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
SIGNAL CONTACT - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- △4
- CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA
OF SIGNAL CONTACTS AND POWER CONTACTS.
- △5
- MECHANICAL CONNECTOR KEEP OUT ZONE.
- △6
- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- △7
- HOLD DOWN SEATING DEPTH DIMENSION FOR 6450130-4 IS .185 TYP
- △8
- PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- △9
- PCB - .0453 +/- .0010 DRILLED HOLES PLATES WITH .0003 MIN Sn OVER
.0001 TO .0003 Cu PLATING TO ACHIEVE A .040±.003 DIA HOLE.
- △10
- VARIABLE DIMS. SHOWN ON VIEW

L9

PART IS SHEET 27

2.350	.250	.250	1.250	.875	2.400	-	2.700	.450	2P + 12S + 5P	9-6450130-2
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	9-6450130-0
1.200	-	-	1.100	.625	1.250	-	1.550	.450	1P + 16S + 1P	8-6450130-9
1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	8-6450130-8
2.900	.250	.250	2.550	.875	2.950	-	3.250	.450	2P + 64S + 2P	8-6450130-7
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	8-6450130-6
1.300	-	-	1.200	.675	1.350	-	1.650	.450	1P + 16S + 1P	8-6450130-5
2.800	.250	.250	1.700	1.125	2.850	-	3.150	.450	3P + 20S + 5P	8-6450130-4
2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	8-6450130-2
2.850	.250	.250	2.500	1.875	2.900	-	3.200	.450	6P + 20S + 2P	8-6450130-0
2.600	.250	.250	2.250	1.625	2.650	-	2.950	.450	5P + 20S + 2P	7-6450130-9
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	7-6450130-8
4.800	.250	.250	3.450	1.875	4.850	-	5.150	.450	6P + 60S + 6P	7-6450130-7
3.050	.300	.250	1.950	1.275	3.100	-	3.400	.475	3ACP + 24S + 5P	7-6450130-6
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	7-6450130-5
6.250	.250	△10	5.050	4.375	6.300	-	6.600	.450	16P + 24S + 2P + 3ACP	7-6450130-4
2.000	.300	.250	1.650	1.325	2.050	-	2.350	.475	3ACP + 8S + 2P	7-6450130-1
2.500	.250	.250	2.150	.875	2.550	-	2.850	.450	2P + 48S + 2P	6-6450130-9
1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	6-6450130-7
2.500	.250	.250	2.150	1.425	2.550	-	2.850	.450	4P + 24S + 2P	5-6450130-8
6.300	△10	△10	3.925	3.275	6.350	-	6.650	.425	14P + 24S + 12P	5-6450130-6
3.100	.200	.200	2.225	1.375	3.150	-	3.450	.425	5P + 32S + 5P	5-6450130-5
2.400	.200	.200	1.900	1.225	2.450	-	2.750	.450	4HDP + 24S + 3HDP	5-6450130-3
2.300	.300	.250	1.950	1.275	2.350	-	2.650	.450	3ACP + 24S + 2P	5-6450130-1
4.000	.300	.300	2.675	1.925	4.050	-	4.350	.475	5ACP + 24S + 5ACP	5-6450130-0
3.000	.250	.250	2.150	1.425	3.050	-	3.350	.450	4P + 24S + 4P	4-6450130-9
3.300	.250	.250	2.450	1.375	3.350	-	3.650	.450	4P + 40S + 4P	4-6450130-8
3.100	.200	.200	2.225	1.375	3.150	-	3.450	.425	5P + 32S + 5P	4-6450130-5
2.100	.300	.250	1.750	1.275	2.150	-	2.450	.475	3ACP + 16S + 2P	4-6450130-3
1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	4-6450130-2
2.100	.200	.200	1.425	1.175	2.150	-	2.450	.425	4P + 8S + 4P	4-6450130-0
2.100	.300	.250	1.750	1.275	2.150	-	2.450	.475	3ACP + 16S + 2P	3-6450130-9
4.675	.250	.300	3.950	3.375	4.725	-	5.025	.450	12P + 20S + 3ACP	3-6450130-6
3.500	.250	.250	2.900	1.625	3.550	-	3.850	.450	5P + 48S + 3P	3-6450130-2
1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	2-6450130-9
3.250	.250	.250	2.900	1.125	3.300	-	3.600	.450	3P + 68S + 2P	2-6450130-8
2.300	.300	.250	1.950	1.275	2.350	-	2.650	.475	3ACP + 24S + 2P	2-6450130-6
2.600	.200	.200	1.925	1.175	2.650	-	2.950	.425	4HDP + 28S + 4HDP	2-6450130-4
3.200	.200	.200	2.125	1.575	3.250	-	3.550	.425	6P + 20S + 6P	2-6450130-3
2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	2-6450130-2
3.500	.200	.200	2.225	1.775	3.550	-	3.850	.425	7P + 16S + 7P	2-6450130-1
5.450	△10	△10	3.075	2.425	5.500	-	5.800	.425	10P + 24S + 12P	2-6450130-0
4.400	.250	.250	4.050	.875	4.450	-	4.750	.450	2P + 124S +2P	1-6450130-9
4.275	△10	.250	3.175	2.500	4.325	-	4.625	.475	2ACP + 6P + 24S + 5P	1-6450130-8
1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	1-6450130-7
3.300	.300	.250	1.950	1.275	3.350	-	3.650	.475	3ACP + 24S + 6P	1-6450130-4
4.050	.250	-	3.950	.875	4.100	-	4.400	.450	2P + 120S + 1P	1-6450130-3
3.250	.250	-	3.150	.875	3.300	-	3.600	.450	2P + 88S + 1P	1-6450130-2
1.400	-	-	1.300	.625	1.450	-	1.750	.450	1P + 24S + 1P	1-6450130-1
2.900	.250	.250	2.550	.875	2.950	-	3.250	.450	2P + 64S + 2P	1-6450130-0
2.550	.250	.300	1.825	1.125	2.600	-	2.900	.450	3P + 24S + 3ACP	6450130-9
2.675	.200	.200	2.375	1.650	2.725	-	3.025	.450	5P + 24S + 2P	6450130-8
3.650	.250	.250	2.550	1.875	3.700	-	4.000	.450	6P + 24S + 5P	6450130-7
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	6450130-6
4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	6450130-5
2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	6450130-4
3.050	.300	.250	1.950	1.275	3.100	-	3.400	.475	3ACP + 24S + 5P	6450130-3
2.550	.300	.250	2.200	1.525	2.600	-	2.900	.475	3ACP + 1P + 24S + 2P	6450130-2
3.650	.300	.250	2.550	1.275	3.700	-	4.000	.475	3ACP + 48S + 5P	6450130-1
DIM U	DIM S △1	DIM T △2	DIM R	DIM W	DIM D	DIM M	DIM L △4	DIM K	DESCRIPTION	PART NUMBER

L8	1.600	-	-	1.500	.625	1.650	-	1.950	.450	1P + 32S + 1P	9-6450130-9
L7	2.400	.250	.250	1.550	.875	2.450	-	2.750	.450	2P + 24S + 4P	9-6450130-8
L5	2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	9-6450130-7
	1.300	-	-	1.200	.625	1.350	-	1.650	.450	1P + 20S + 1P	9-6450130-6
L3	2.300	.250	.300	1.575	.875	2.350	-	2.650	.450	2P + 24S + 3ACP	9-6450130-5
K6	2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	9-6450130-4
	1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	9-6450130-3
	DIM U	DIM S 	DIM T 	DIM R	DIM W	DIM D	DIM M	DIM L 	DIM K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS:
INCHES

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

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

4FEB2005
4FEB2005
4FEB2005

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

Customer Drawing

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

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450130

RESTRICTED TO
-

SCALE
4:1

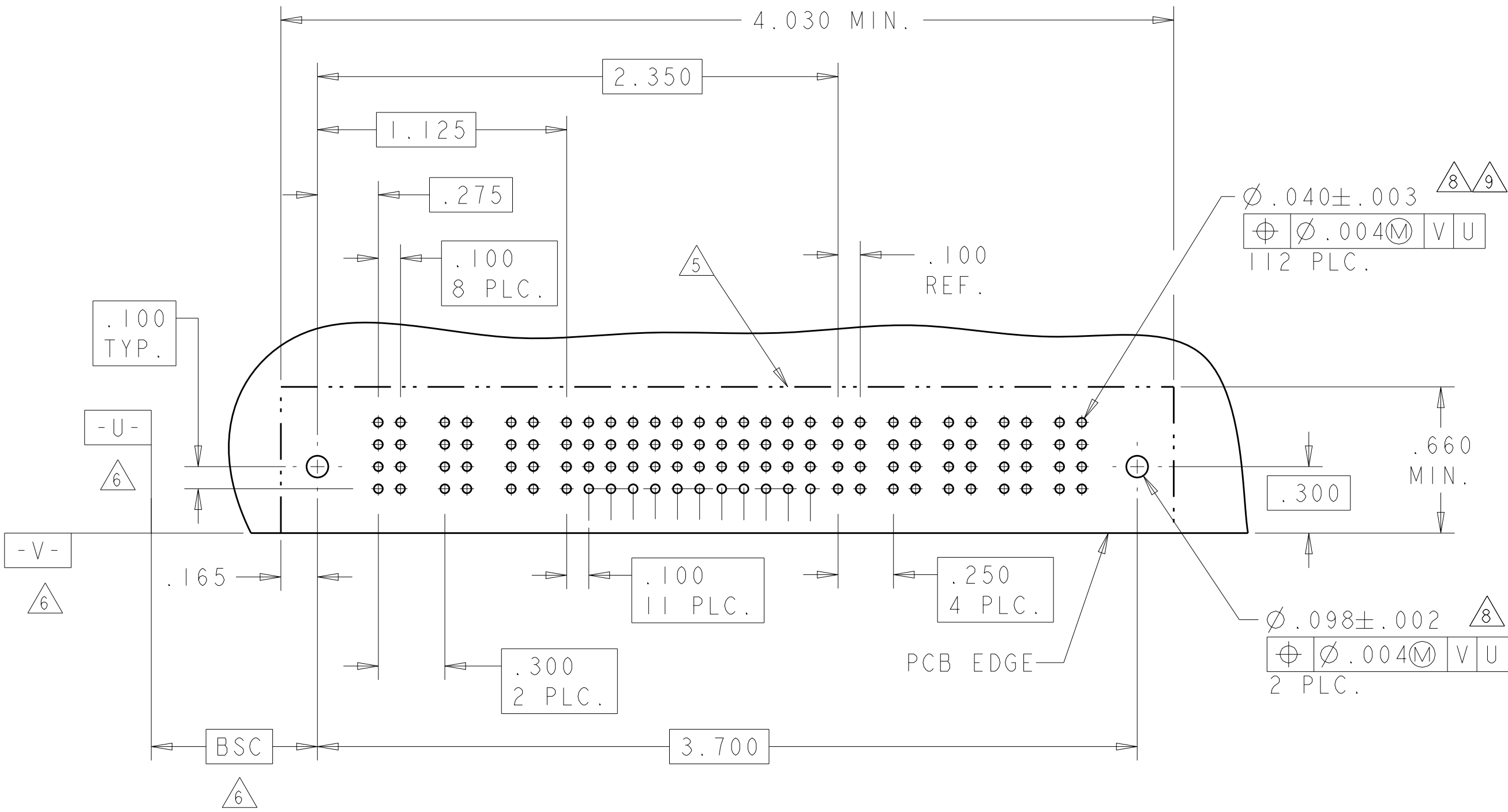
SHEET
2

OF
28

REV
M2

4805 (3/11)

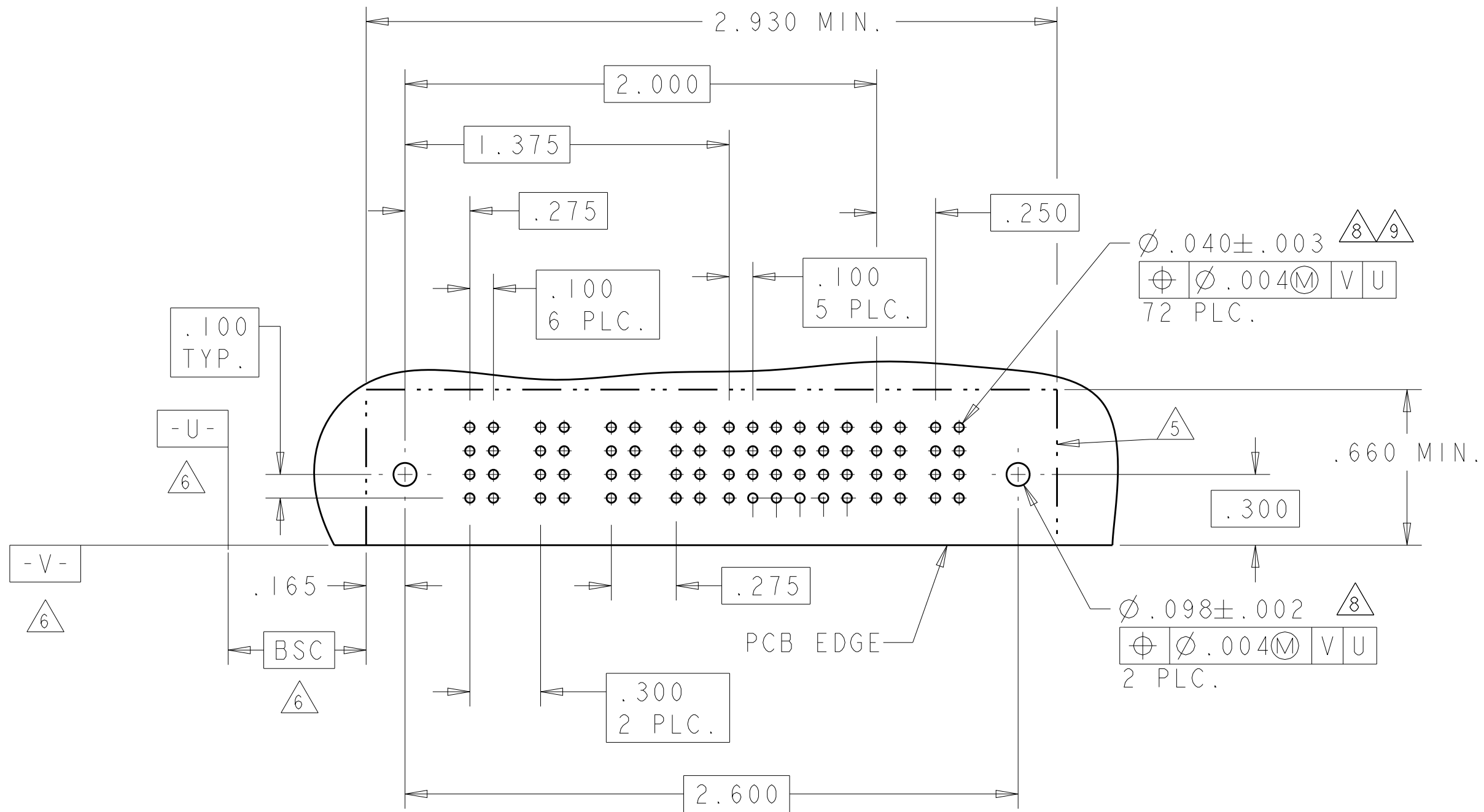
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			P1	P2	P3	1	2	3	4	5	6	7	8	9	10	11	12	P4	P5	P6	P7	P8	
6450130-1	D	HD	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM		
	K					K	K	K	K	K	K	K	K	K	K	K						K	
	N					N	N	N	N	N	N	N	N	N	N	N						N	N
	S					S	S	S	S	S	S	S	S	S	S	S						S	H
3ACP + 48S + 5P																							



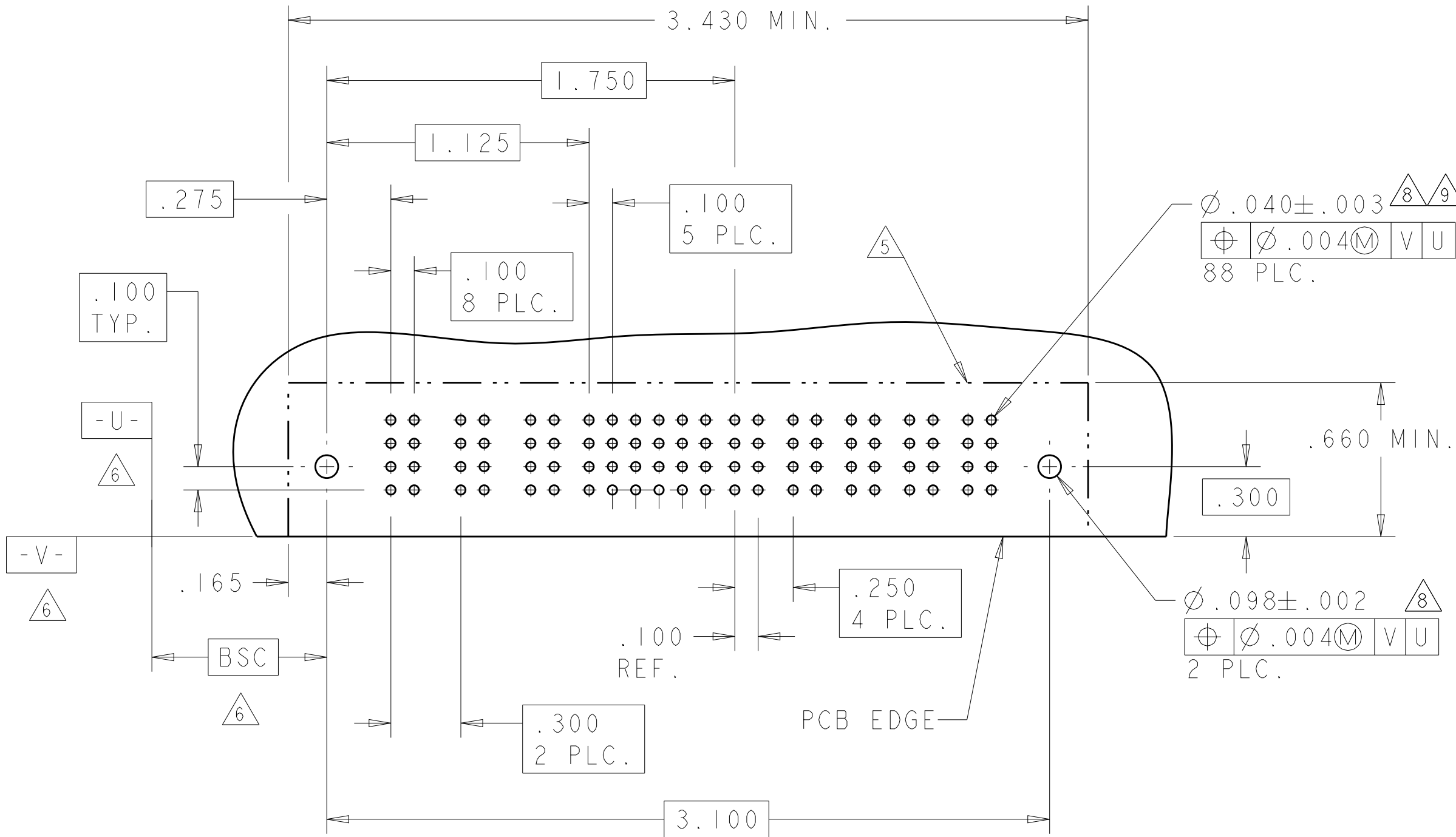
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			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	
6450130-2	D C B A	HD	PM	PM	PM		E	J	J	J	J	E	PM	PM	HD
							K	K	F	K	K	K			
							N	N	N	N	N	N			
							H	S	S	S	S	H			
3ACP + 1P + 24S + 2P															

NO CONTACT LOADED

.275 REF.



PART NUMBER	ROWS		POWER			SIGNAL						POWER					
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	
6450130-3	D	HD	PM	PM	PM	J	J	J	J	E	J	PM	PM	PM	PM	PM	HD
	K					K	F	K	K	K							
	N					N	N	N	N	N	G						
	S					S	H	S	S	S							
3ACP + 24S + 5P																	



PM	.135	MULTI-BEAM
PA	.090	MULTI-BEAM
CODE	TAIL LENGTH	DESCRIPTION
POWER CONTACT		

Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
A4	MLBF	.090	D
A3	MLBF	.090	C
A2	MLBF	.090	B
A1	MLBF	.090	A
E	MLBF	.135	D
F	MLBF	.135	C
G	MLBF	.135	B
H	MLBF	.135	A
J	STD	.135	D
K	STD	.135	C
N	STD	.135	B
S	STD	.135	A
CODE	MATING SEQUENCE	TAIL LENGTH	ROW
SIGNAL CONTACT			

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN
R. GRZYBOWSKI
CHK
M. PERCHERKE
APVD
M. PERCHERKE

4FEB2005
14FEB2005
14FEB2005

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

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

Customer Drawing

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

SIZE
A1

CAGE CODE
00779

DRAWING NO.
6450130

RESTRICTED TO
-

SCALE
4:1

SHEET
3

OF
28

REV
M2

TE Connectivity

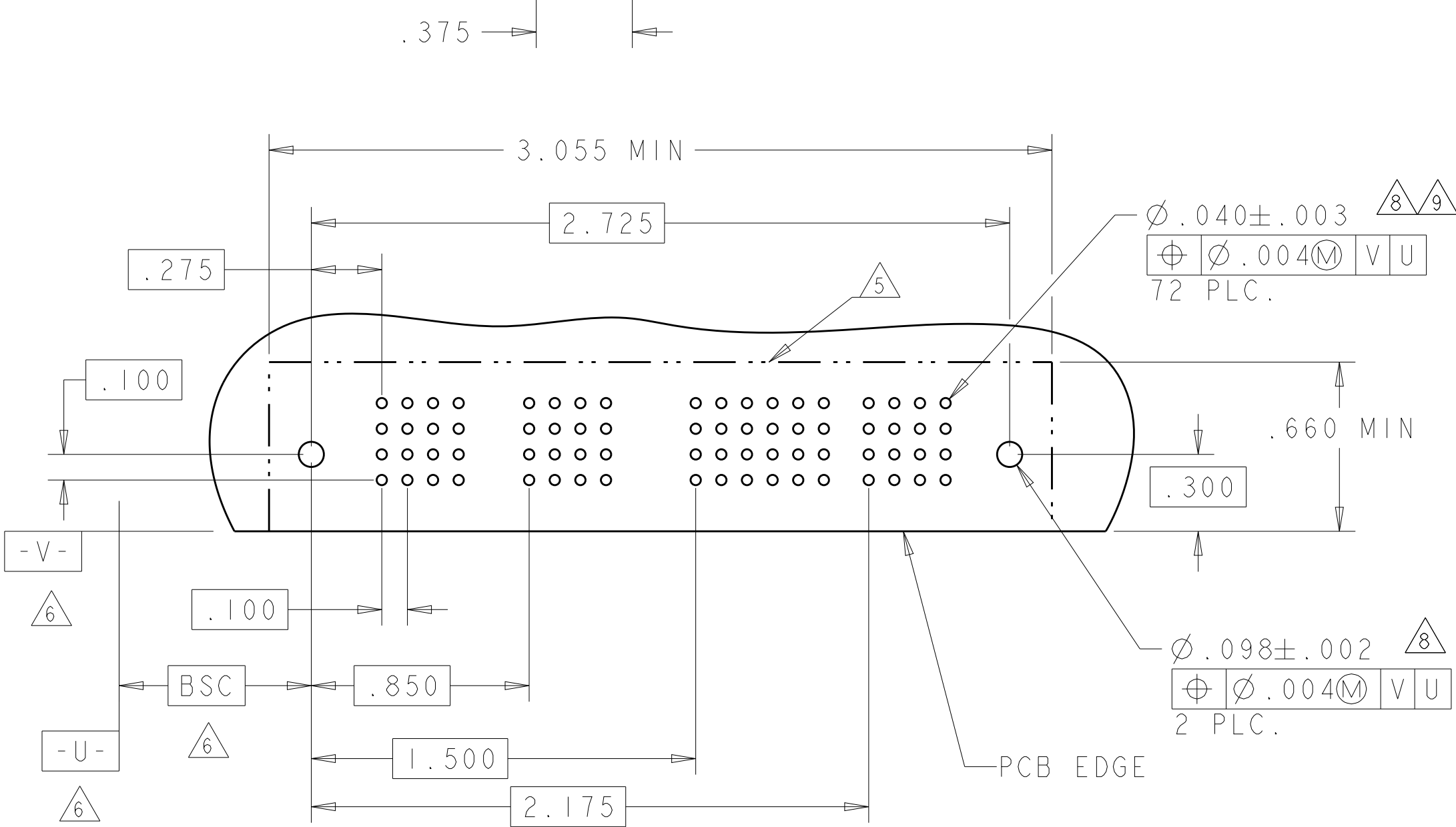
NO CONTACT LOADED																						
ROWS		POWER									SIGNAL								POWER			
		P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	7	8	P10	P11	P12	
D		PM	PM		PM	PM	PM	PM	PM	PM	J	J	J	J	J	E	E	E		PM	PM	PM
C											K	K	K	K	K	K	K	K				
B											N	N	N	N	N	N	N	N				
A		HD									S	S	S	S	S	S	S	S				
+ 4P																						

NUMBER	ROWS		POWER						SIGNAL						POWER				
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	
0-7	D C B A								   	   	   	   	   	   	   				
24S + 5P																			

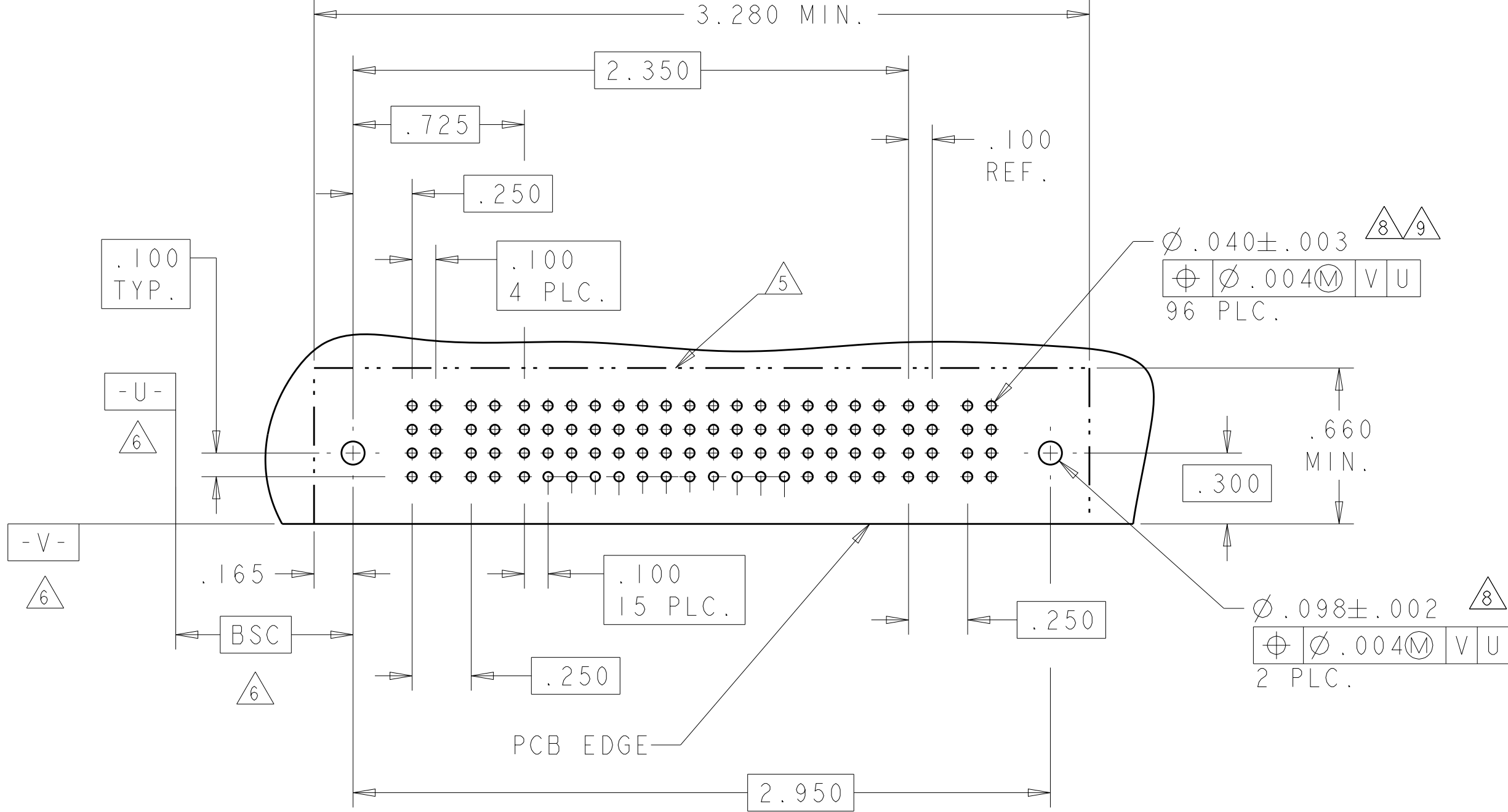
	THIS DRAWING IS A CONTROLLED DOCUMENT		DWN 14FEB2005 R. GRZYBOWSKI CHW 14FEB2005 M. PERCZERKE 14FEB2005		 RIGHT ANGLE HEADER MULTI-B
	DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		
	INCHES		0 PLC ±: 1 PLC ±: 2 PLC H: 01 3 PLC H: 005 4 PLC H: 0020 ANGLES 42°		
			PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		
MATERIAL		FINISH		WEIGHT - Customer Drawing	
-		-		SIZE A1 CAGE CODE 100779 DRAWING NO. C645013 SCALE	

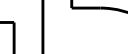
LOC		DIST		REVISONS				
ES	00	P	LTR	DESCRIPTION		DATE	DWN	APVD
		-		SEE SHEET 1		-	-	-

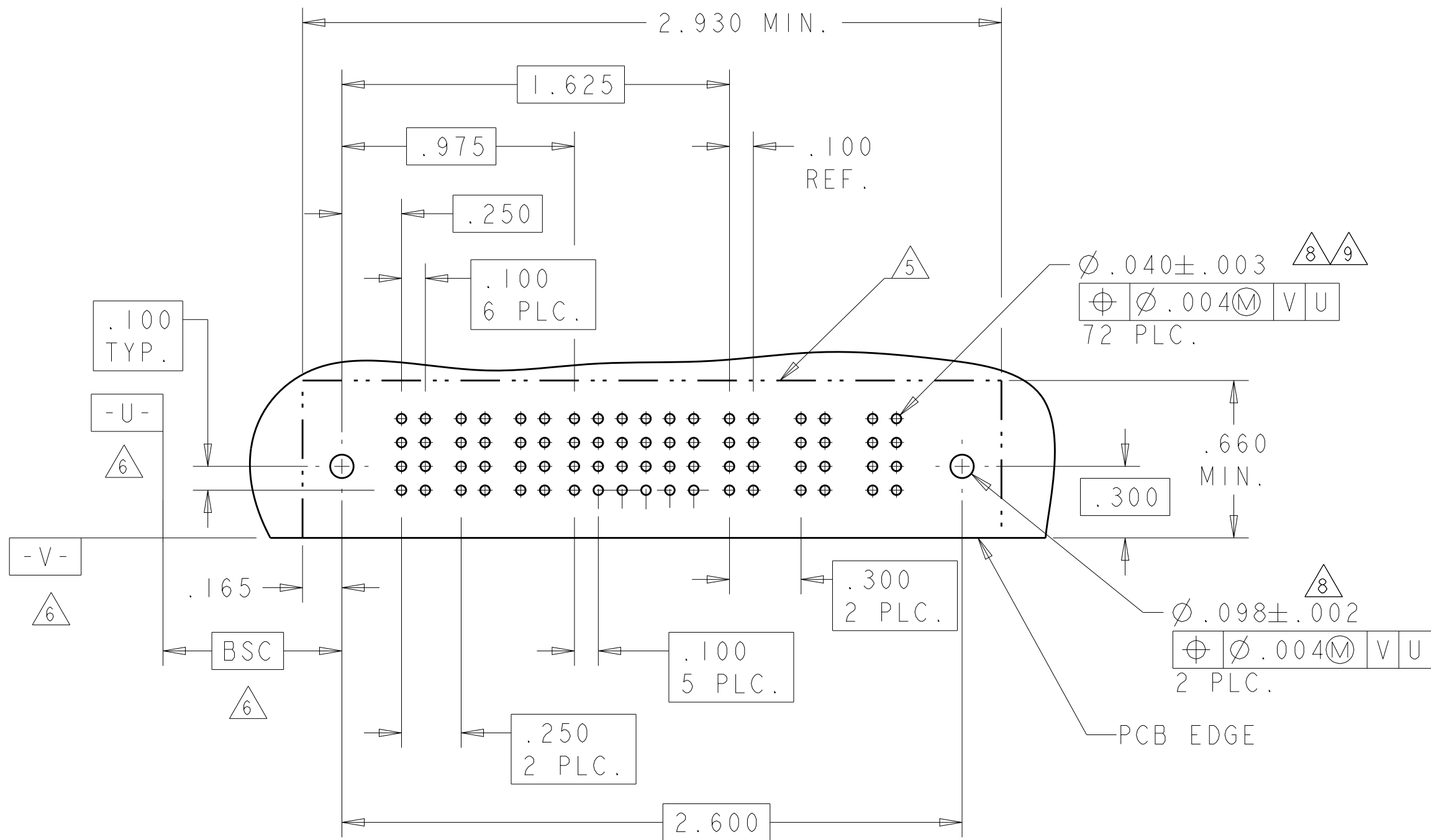
PART NUMBER	ROWS		POWER					SIGNAL						POWER		
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6450130-8	D C B A							J	J	J	J	J	J			
								K	K	K	K	K	K			
								N	N	N	N	N	G			
								S	S	S	S	S	S			
5P + 24S + 2P																

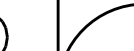


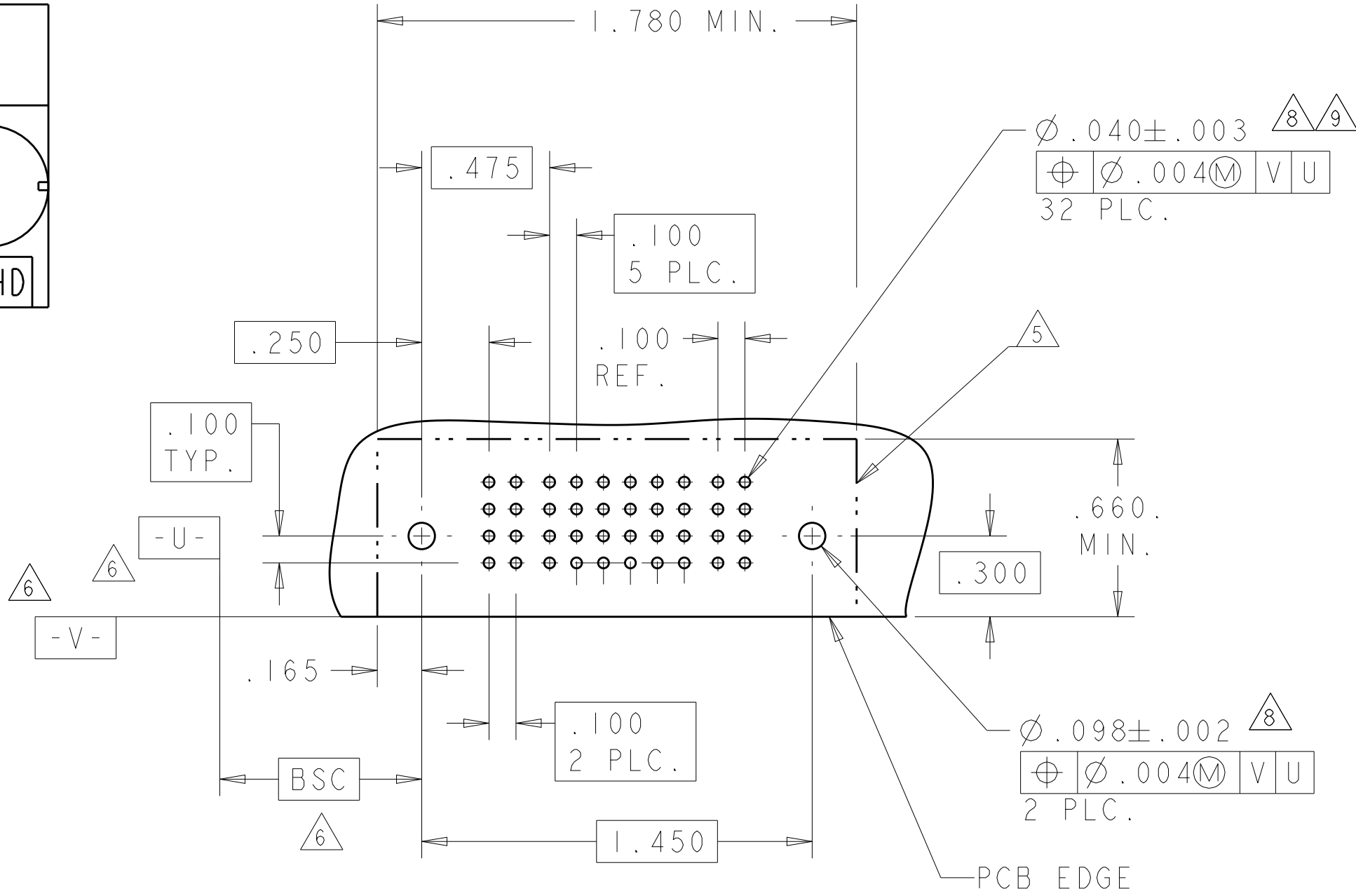
PART NUMBER	ROWS		POWER		SIGNAL																POWER		
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P3	P4	
1-6450130-0	D C B A		PA	PA	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	PA	PA	
					A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3			
					A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2			
					A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	O	O			
2P + 64S + 2P																							



PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
6450130-9	D C B A		PA	PA	PA	Z	A4	A4	A4	A4		PA	PA	PA	
						Y	A3	A3	A3	A3					
						R	A2	A2	A2	A2					
						O	A1	A1	A1	O					
3P + 24S + 3ACP															

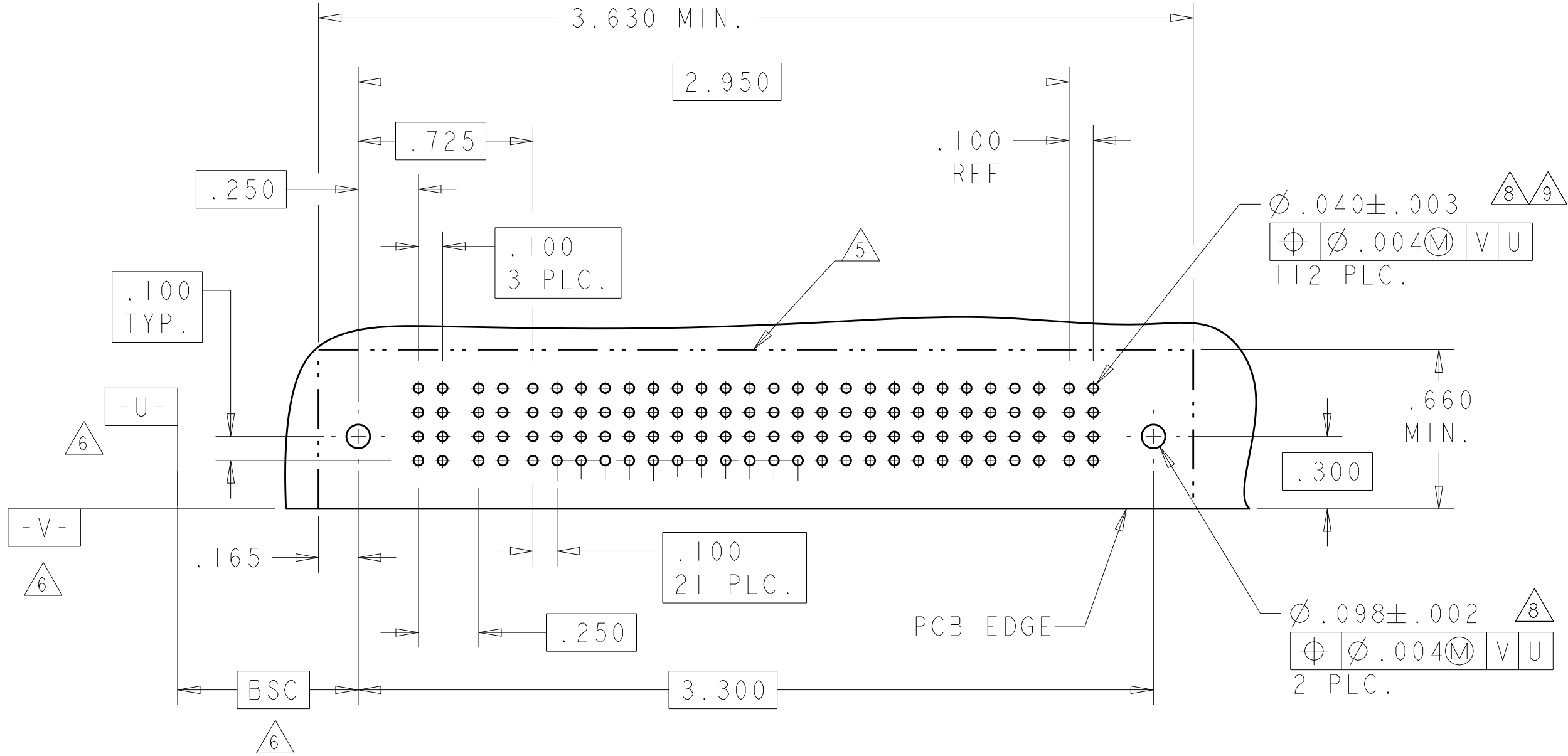


PART NUMBER	ROWS	POWER		SIGNAL						POWER		
		P1		1	2	3	4	5	6	P2		
1-6450130-1	D C B A		PA	A4	A4	A4	A4	A4	A4	A4	PA	
				A3	A3	A3	A3	A3	A3	A3		
				A2	A2	A2	A2	A2	A2	A2		
				A1	A1	A1	A1	O	O	O		
1P + 24S + 1P												

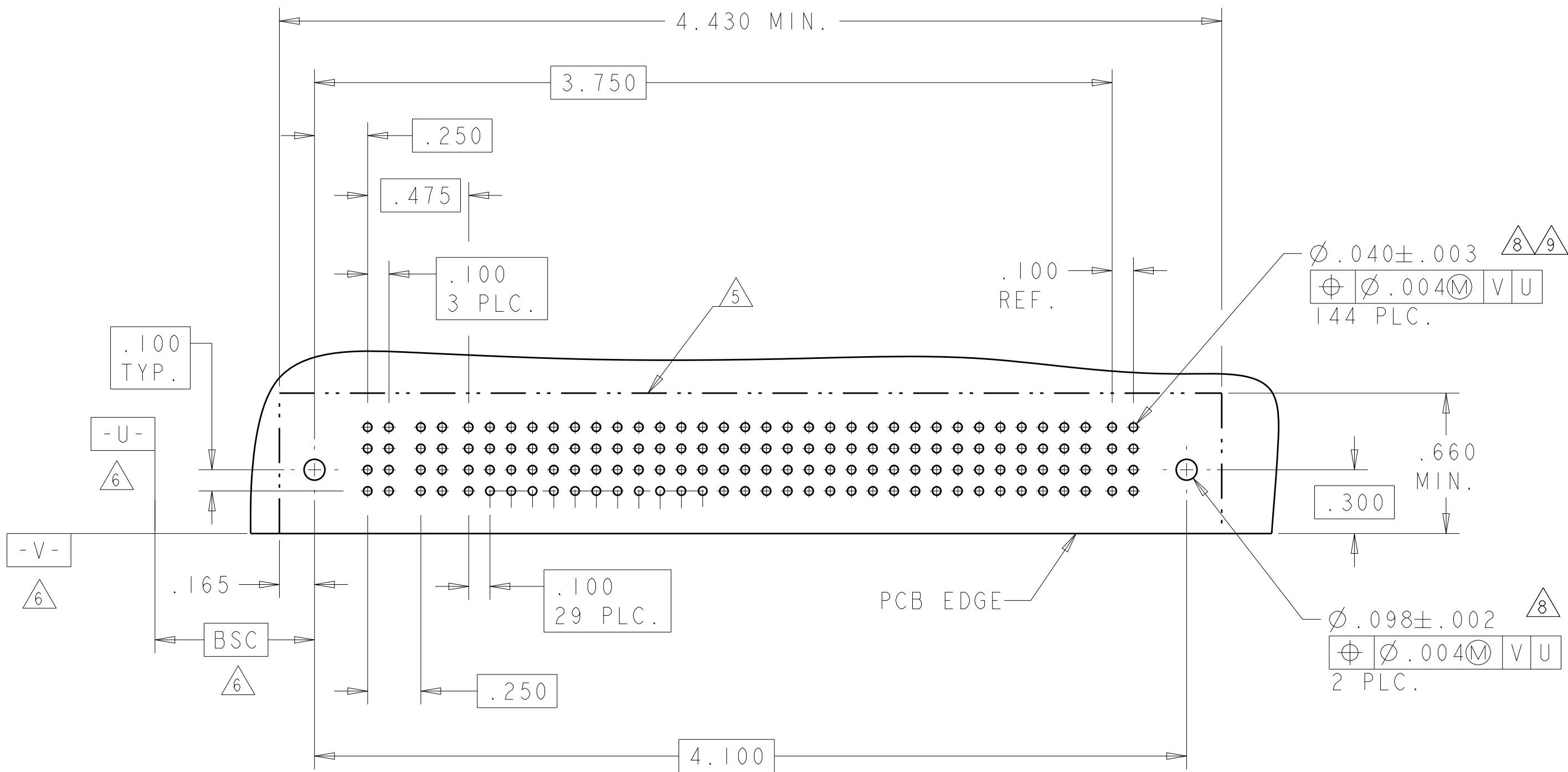


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	4FEB2005	STE TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE	14FEB2005		
		APVD M. PERCHERKE	14FEB2005	NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
		PRODUCT SPEC 108-1973		SIZE A100779	
MATERIAL -		APPLICATION SPEC 114-13038		CAGE CODE C=6450130	
FINISH -		WEIGHT -		RESTRICTED TO -	
		Customer Drawing		SCALE 4:1	
				SHEET 5 of 28	
				REV M2	

PART NUMBER	ROWS		POWER		SIGNAL																		POWER								
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	P3				
1-6450130-2	D C B A		PA	PA	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	PA				
					Y	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3			A3		
					A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2			A2		
					O	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1			A1	O	
2P + 88S + 1P																															

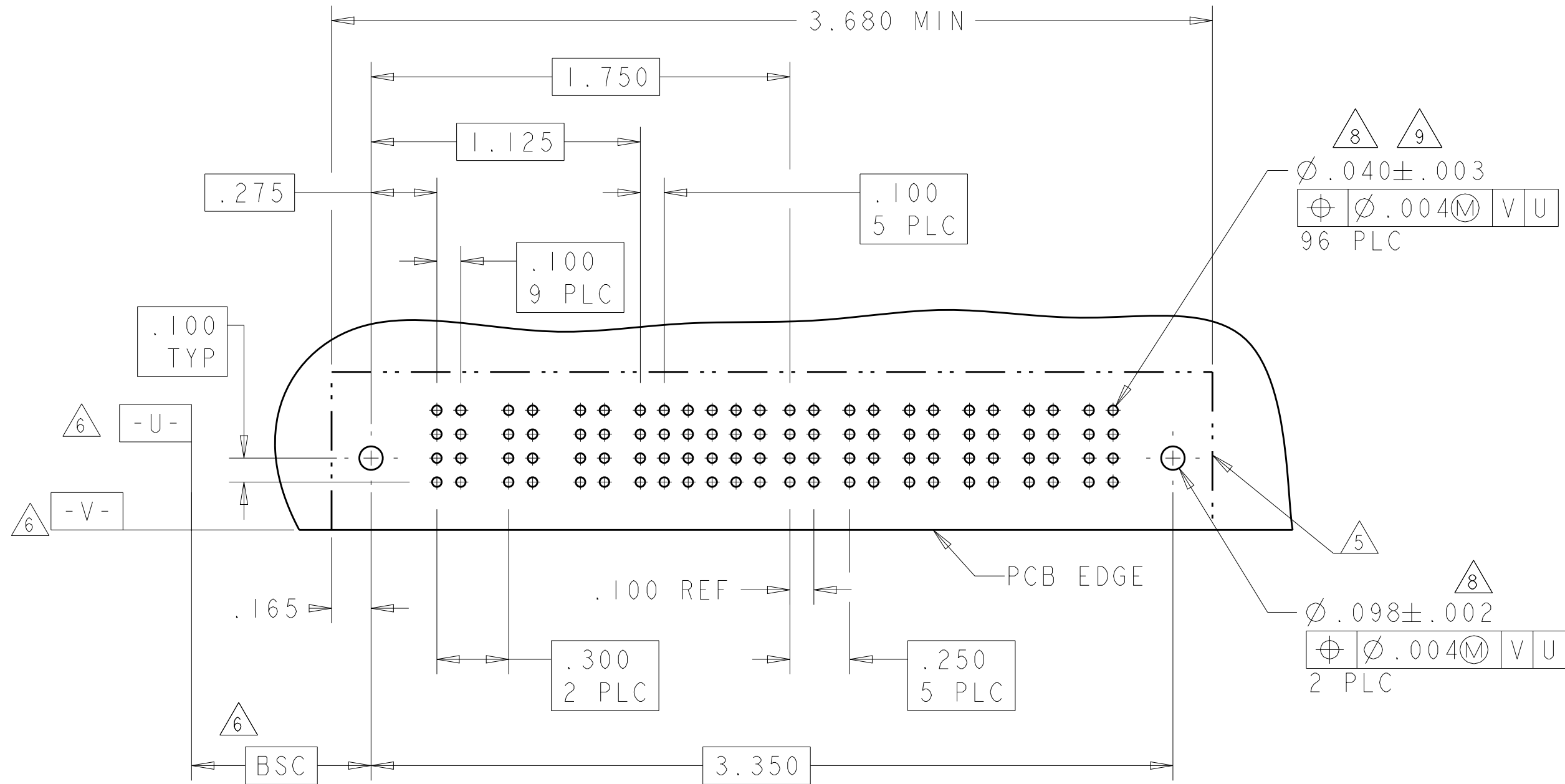


PART NUMBER	ROWS		POWER		SIGNAL																														POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			P1	P2	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	26	27	28	29	30	P3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1-6450130-3	D C B A		PA	PA	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	PA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
					Y	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	PA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	PA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					O	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	O	PA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
2P + 120S + 1P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</

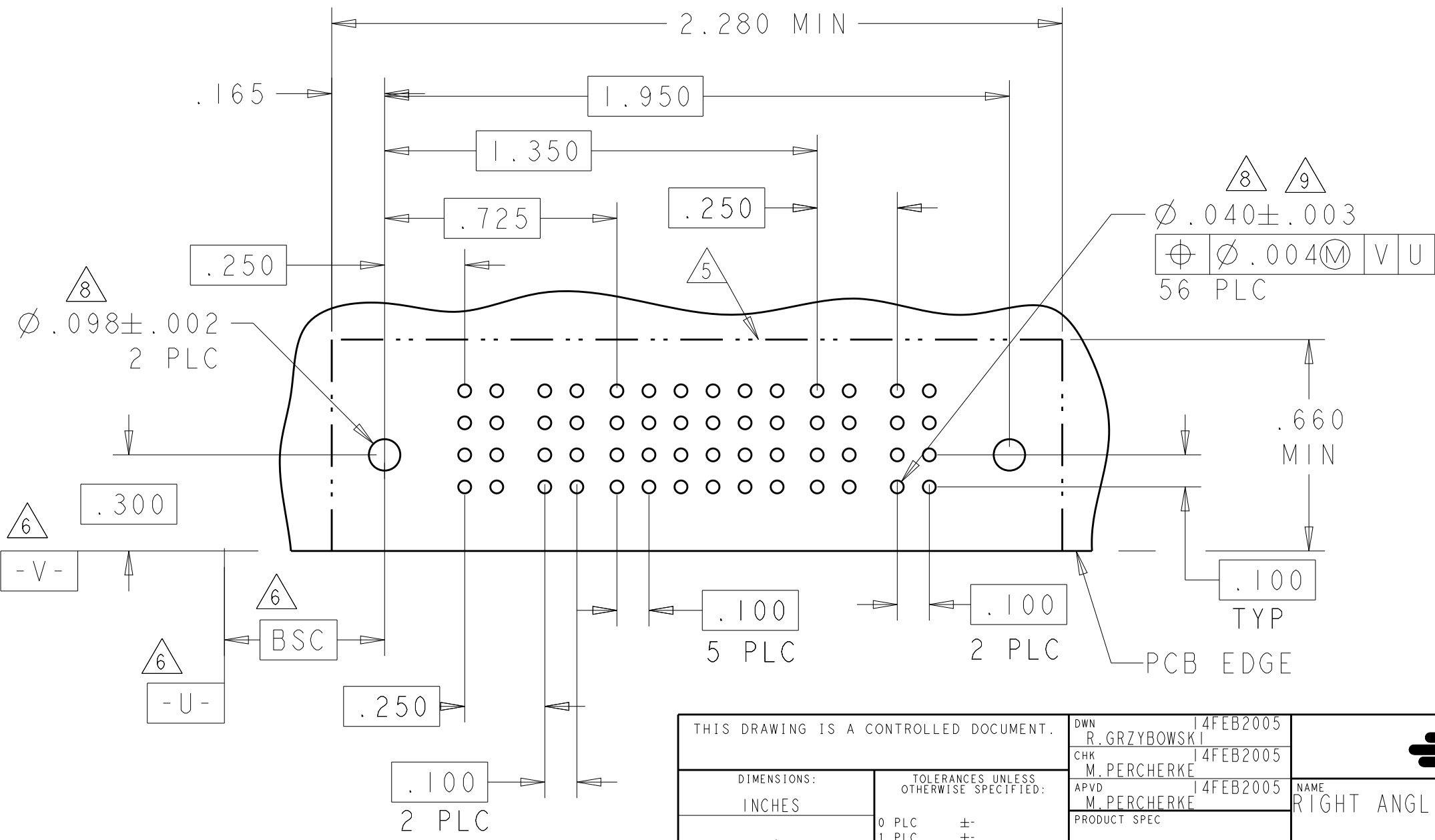


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ES		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
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					</				

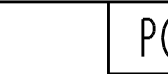
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1-6450130-4	D C B A	HD	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	HD
						K	K	K	K	K	K							
						N	N	N	N	N	N							
						H	S	S	S	S	S							
3ACP + 24S + 6P																		

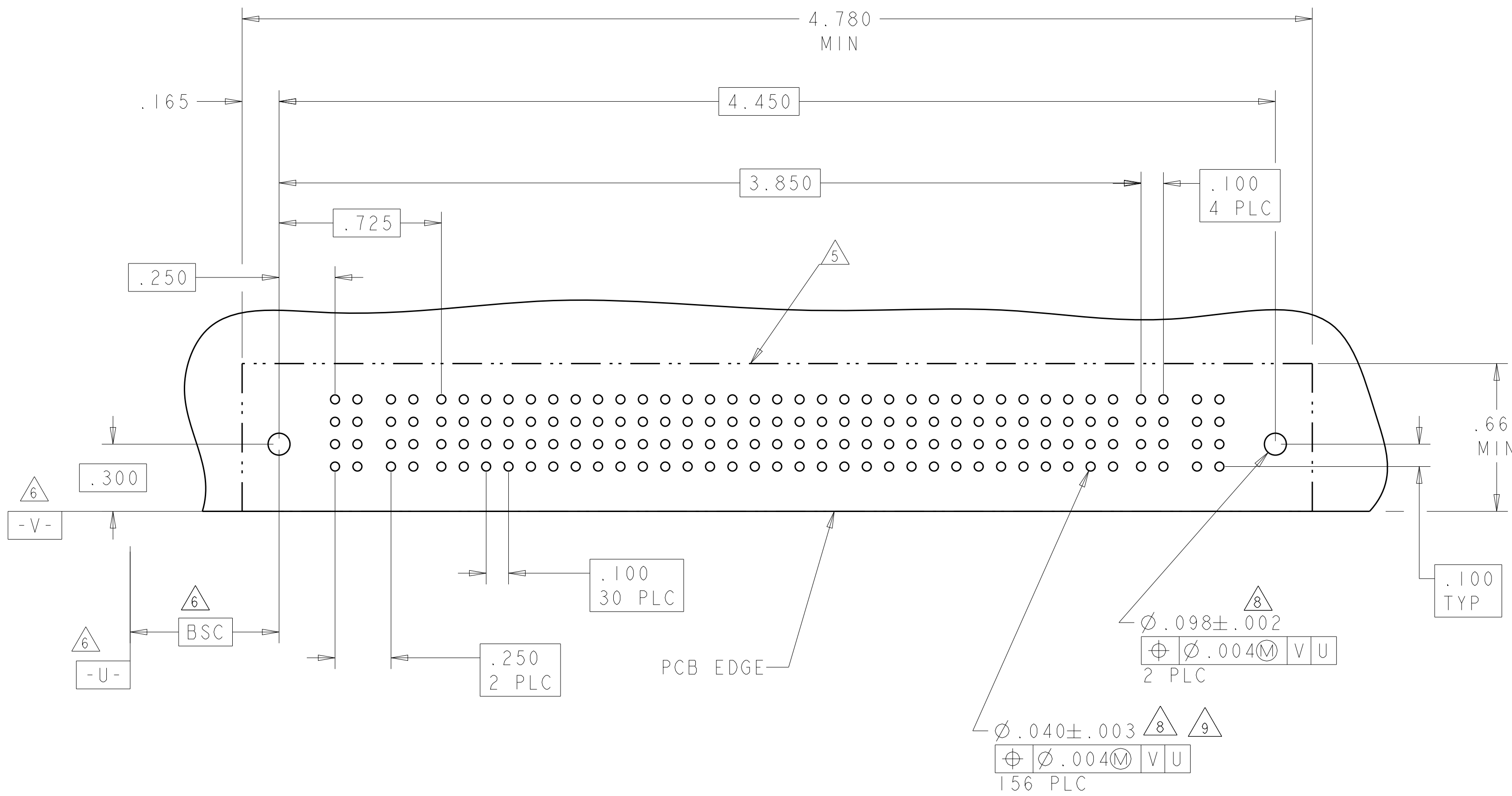


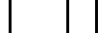
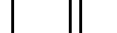
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1-6450130-7	D C B A		PM	PM	E	J	J	J	J	E	PM	PM	
					K	K	K	K	K	K			
					N	N	N	N	N	N			
					S	S	S	S	S	S			
2P + 24S + 2P													

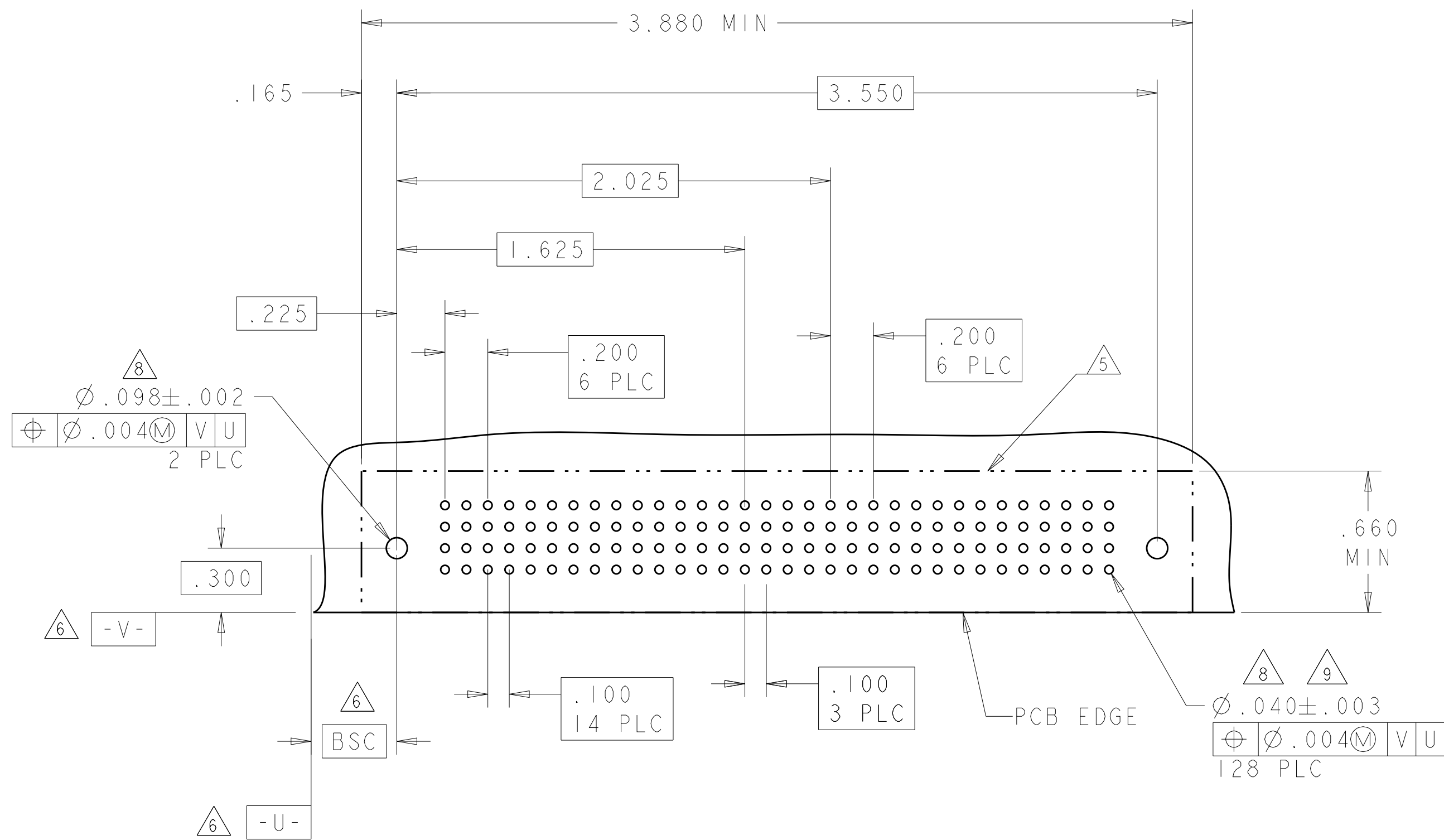


THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	R. GRZYBOWSKI	14FEB2005	 TE Connectivity	
DIMENSIONS: INCHES				CHK	M. PERCHERKE	14FEB2005		
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APVD	M. PERCHERKE	14FEB2005	NAME	
				PRODUCT SPEC			RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
				108-1973				
				APPLICATION SPEC			SIZE	
				114-13038				
MATERIAL				WEIGHT			CAGE CODE	
FINISH				Customer Drawing			DRAWING NO	
				SCALE			SHEET	
				4:1			6 OF 28	
				REV			M2	

PART NUMBER	ROWS		POWER		SIGNAL																															POWER					
			P1	P2	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	26	27	28	29	30	31	P3	P4				
1-6450130-9	D C B A		PA	PA	Z	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	Z	PA	PA				
					Y	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3				A3	Y	
					R	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2				A2	R	A2
					A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1				A1	A1	A1
2P + 124S + 2P																																									

4805 (3/11)

PART NUMBER	ROWS		POWER							SIGNAL				POWER																																																																																																																					
			P1	P2	P3	P4	P5	P6	P7	1	2	3	4	P8	P9	P10	P11	P12	P13	P14																																																																																																															
2-6450130-1	D C B A	 HD	 PM	 PM	 PM	 PM	 PM	 E F G S	 E F G S	 E F G H	 E F G H	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	



3.180 MIN

2.850

1.875

1.225

.300 2 PLC

.250 3 PLC

.250

.098 ± .002

Ø .004 (M) V U 2 PLC

.300

-V-

BSC

-U-

.100 5 PLC

.100 4 PLC

.100 3 PLC

.100 TYP

Ø .040 ± .003

Ø .004 (M) V U 80 PLC

.660 MIN

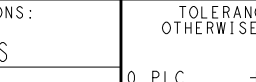
PCB EDGE

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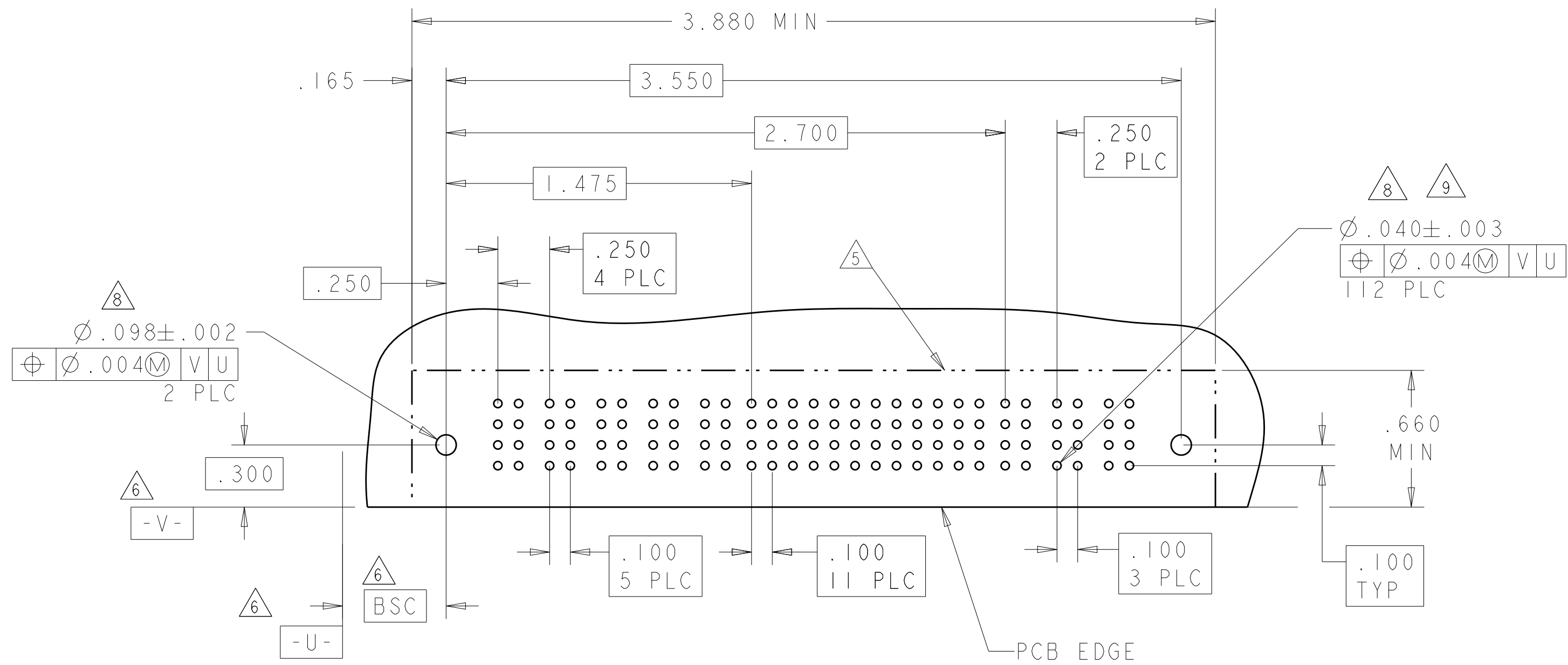
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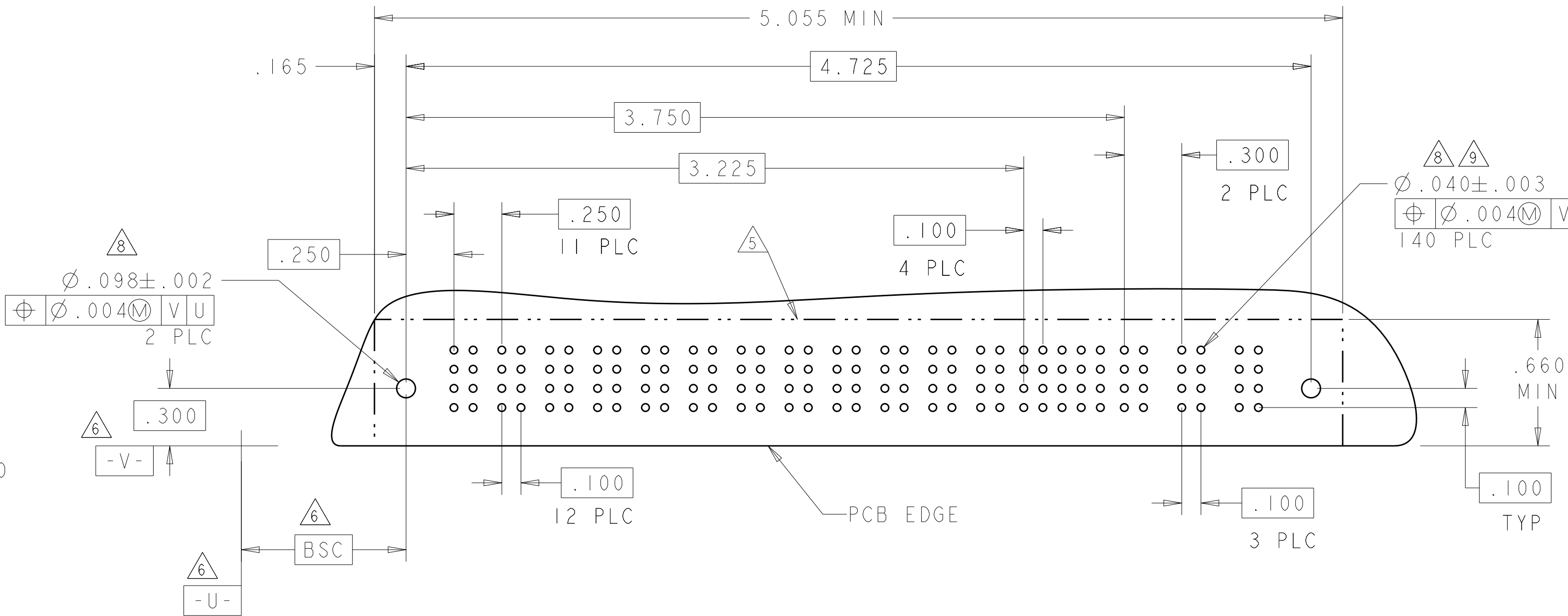
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	14FEB2005	 TE Connectivity	
		APV M. PERCZERKI	14FEB2005		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		C M. PERCZERKI		RIGHT ANGLE HEADER ASSEMBLY W/GUIDES	
		PRODUCT SPEC		MULTI-BEAM XL	
		108-1973			
		APPLICATION SPEC			
		114-13038		SIZE CASE CODE DRAWING NO	
MATERIAL		WEIGHT		A 100779 © 6450130	
FINISH				RESTRICTED TO	
				REV M2	
		Customer Drawing		SCALE 4:1 SHEET 8 OF 28	

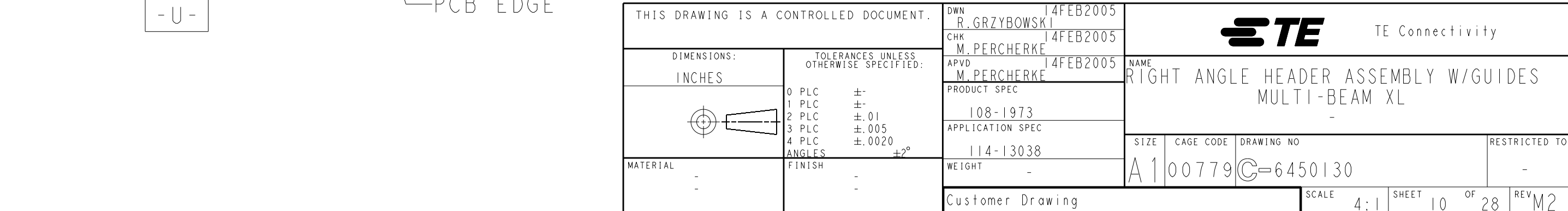
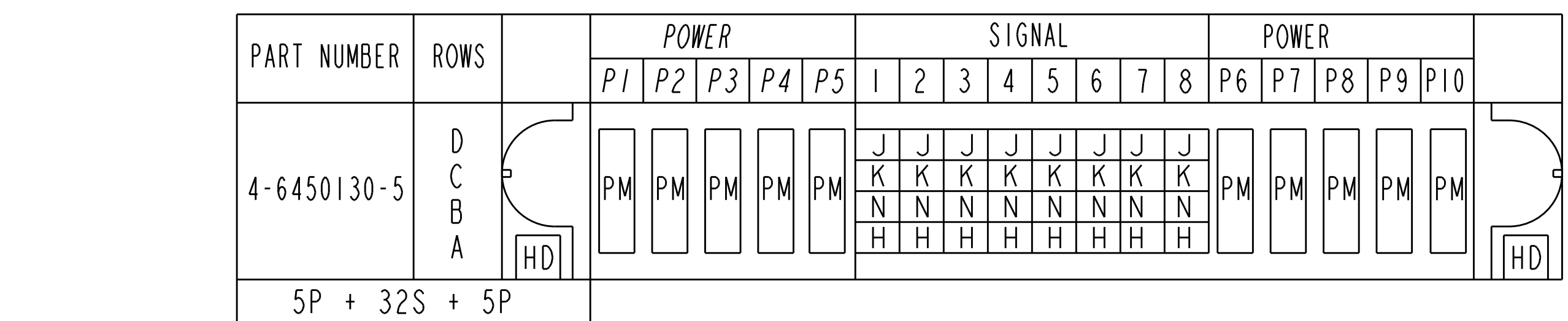
PART NUMBER	ROWS		POWER					SIGNAL												POWER				
			P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	9	10	11	12	P6	P7	P8		
3-6450130-2	D C B A	 HD	 PM	 PM	 PM	 PM	J	J	J	J	J	J	J	J	J	J	J	J	 PM	 PM	 PM	 HD		
							K	K	K	K	K	K	K	K	K	K	K	K					K	
							N	N	N	N	N	N	N	N	N	N	N	N					N	N
							H	S	S	S	S	S	S	S	S	S	S	S					S	H
5P + 48S + 3P																								



PART NUMBER	ROWS		POWER												SIGNAL					POWER				
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4	5	P13	P14	P15		
3-6450130-6	D C B A	 HD	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 E  K  N  H	 E  K  N  S	 J  F  N  H	 J  K  N  S		PM	PM	PM	HD	
12P + 20S + 3ACP																								

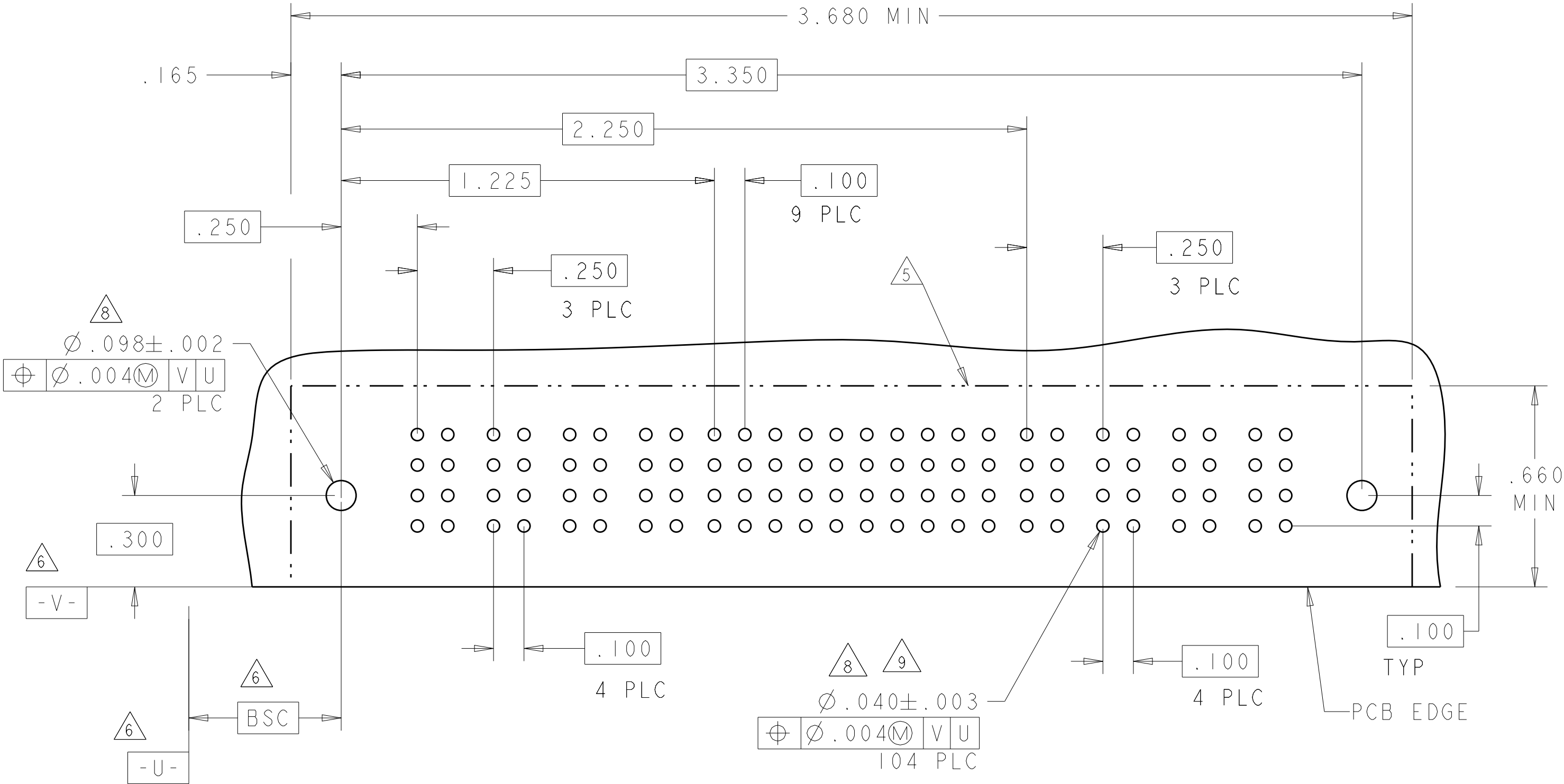
4805 (3/11)

PART NUMBER	ROWS		POWER			SIGNAL				POWER		
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4-6450130-3	D											
	C											
	B											
	A											
HD												
3ACP + 16S + 2P												

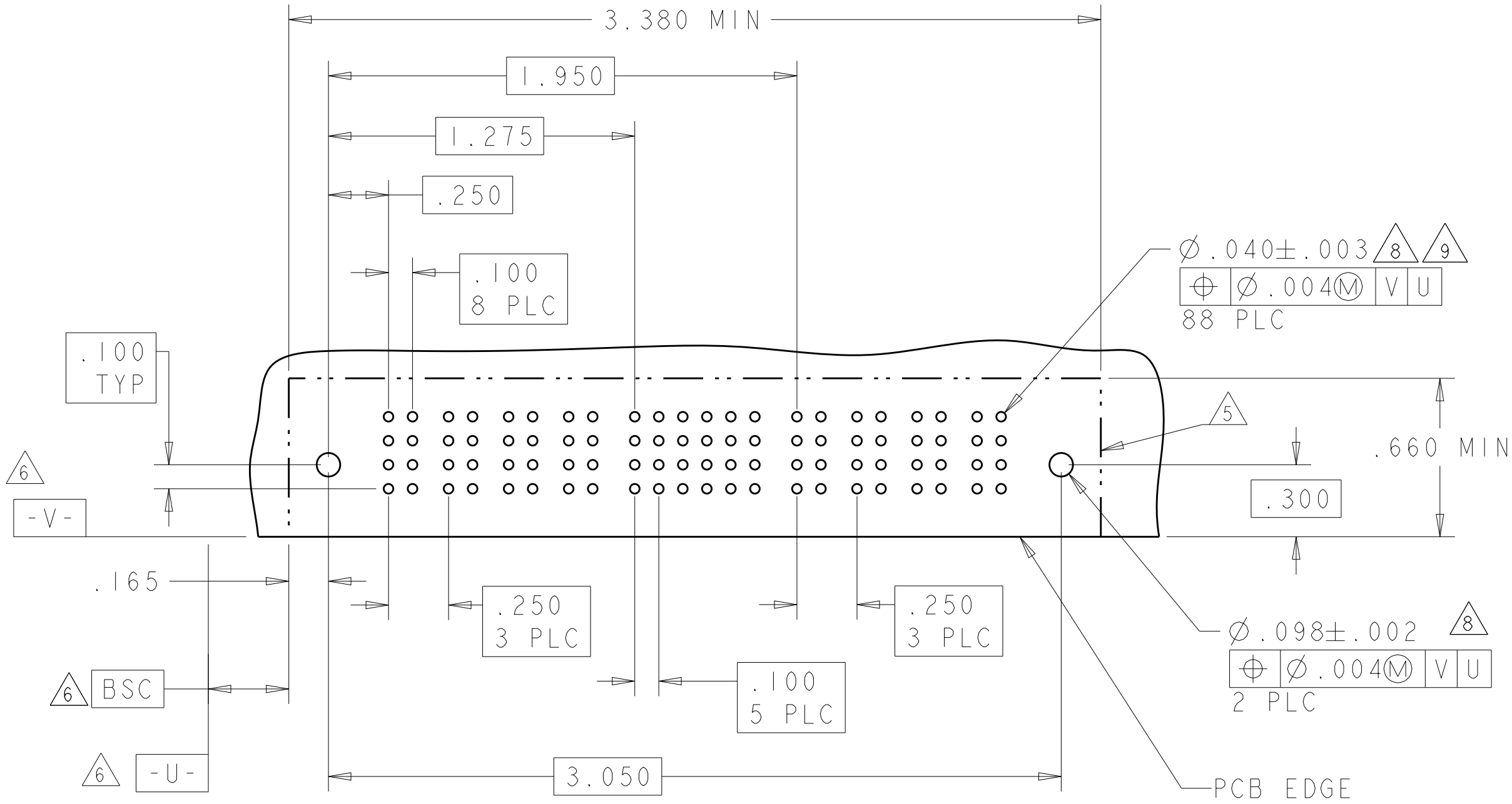
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LOC		DIST		REVISIONS				
ES	00	P	LTR	DESCRIPTION		DATE	DWN	APVD
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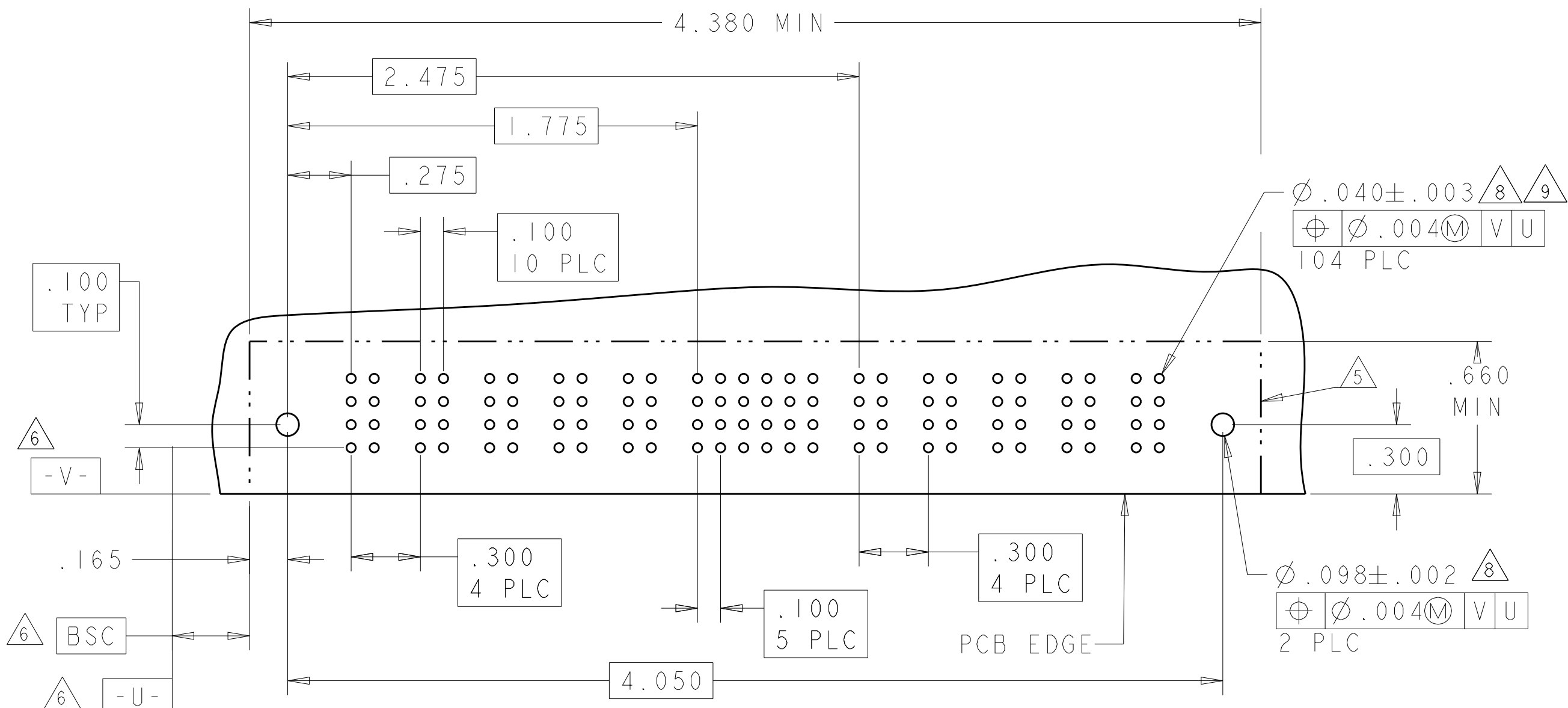
PART NUMBER	ROWS		POWER				SIGNAL										POWER							
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4-6450130-8	D C B A			PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM			
								K	K	K	K	K	K	K	K	K	K						K	K
								N	N	N	N	N	N	N	N	N	N						N	N
								H	S	S	S	S	S	S	S	S	S						H	
4P + 40S + 4P																								



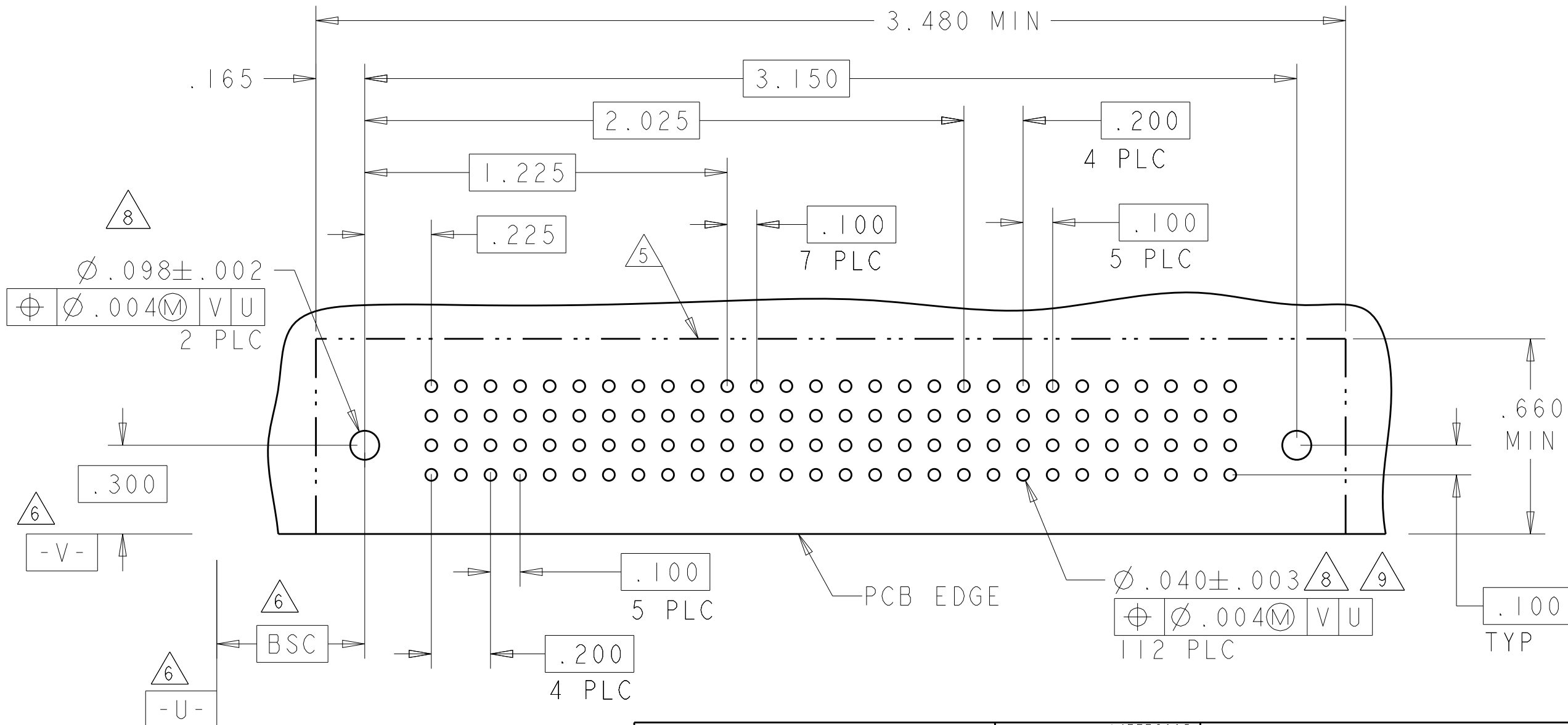
PART NUMBER	ROWS		POWER				SIGNAL						POWER						
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4-6450130-9	D C B A		PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM			
							K	K	K	K	K	K							
							N	N	N	N	N	N							
							H	H	H	H	H	H							
4P + 24S + 4P																			



PART NUMBER	ROWS		POWER					SIGNAL						POWER							
			P1	P2	P3	P4	P5	1	2	3	4	5	6	P6	P7	P8	P9	P10			
5-6450130-0	D C B A	 HD	 PM	 PM	 PM	 PM	 PM	J	J	J	J	J	J	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM
								K	K	K	K	K	K								
								N	N	N	N	N	N								
								H	H	H	H	H	H								
5ACP + 24S + 5ACP																					

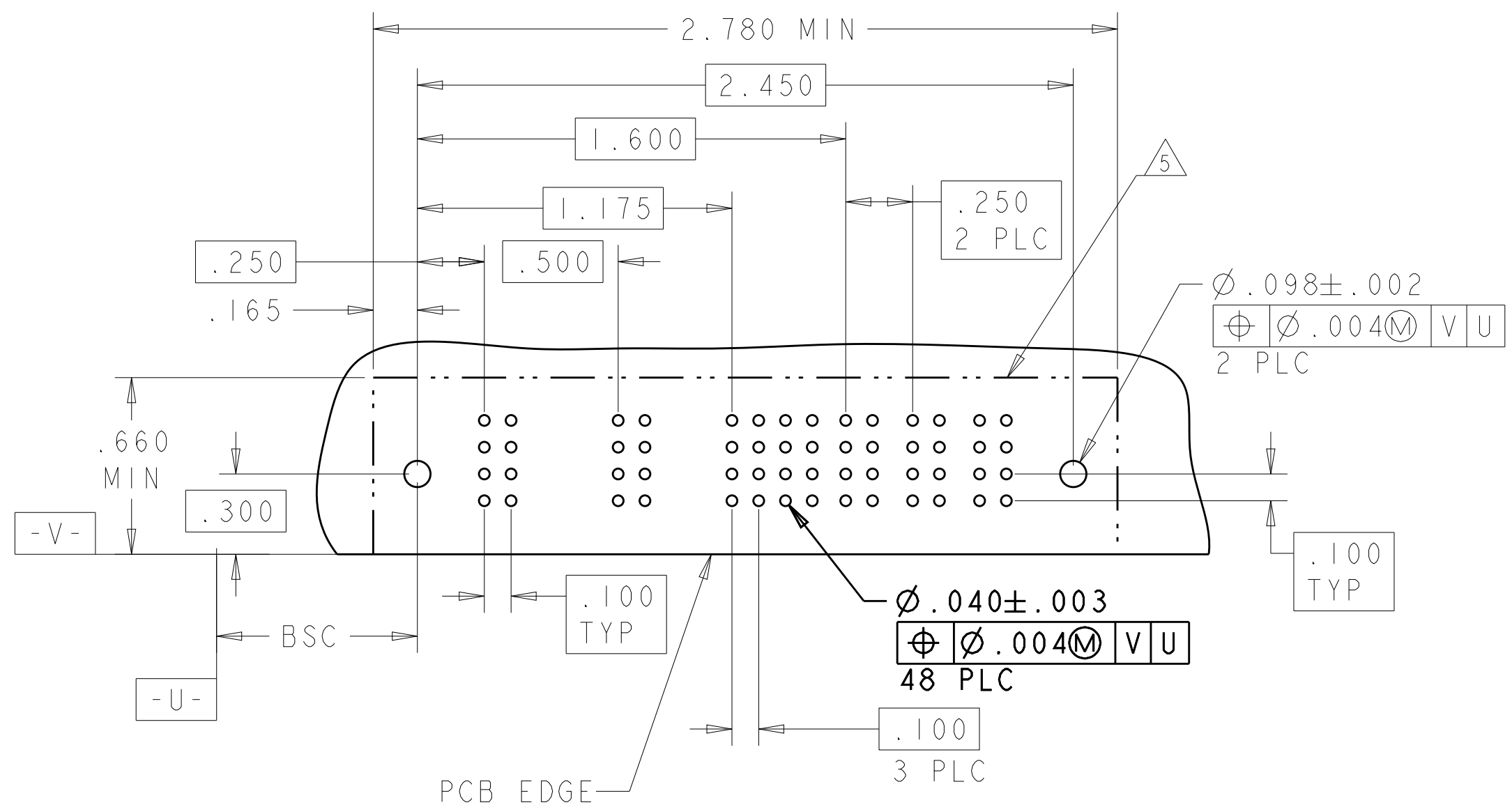
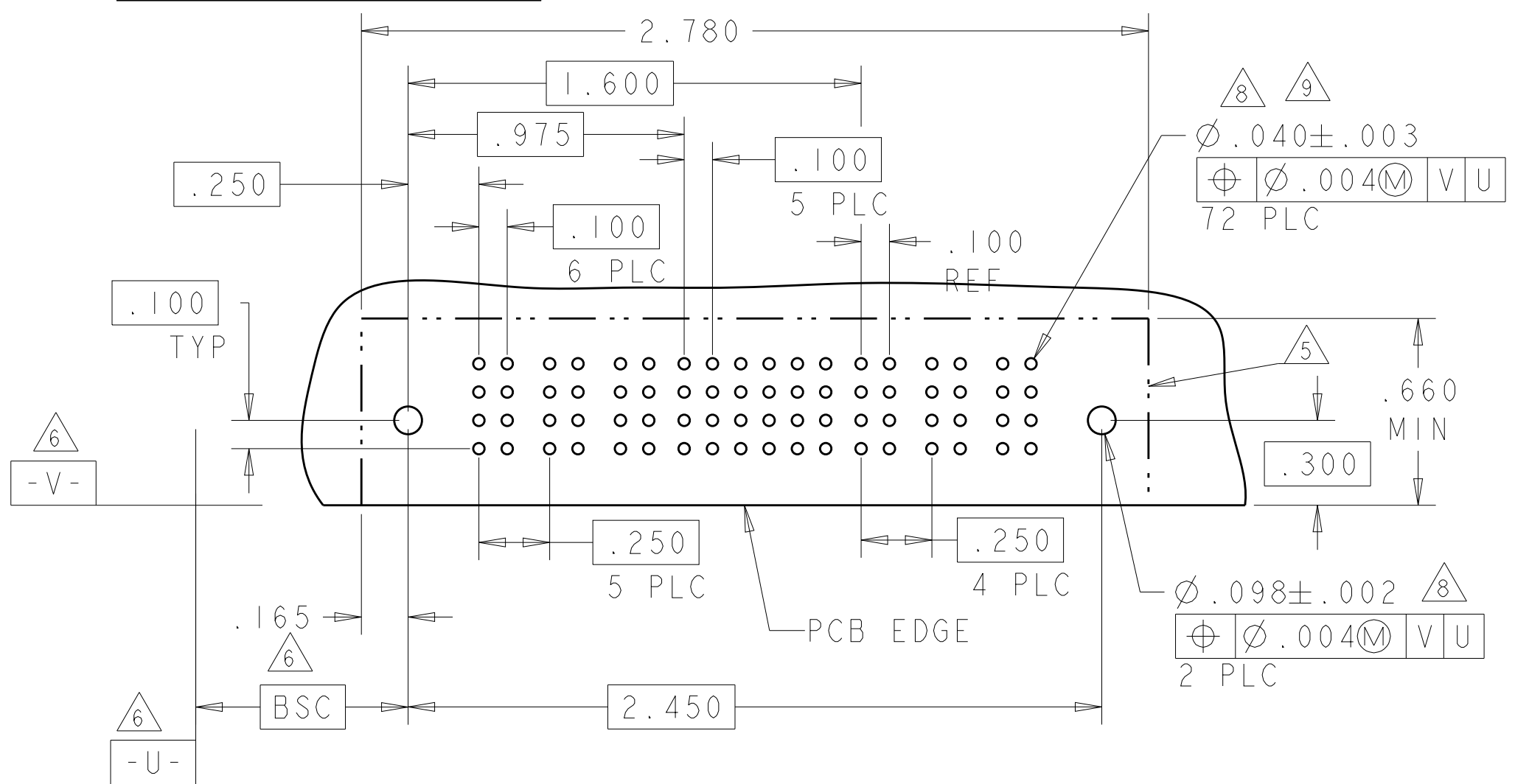


PART NUMBER	ROWS		POWER					SIGNAL								POWER													
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5-6450130-5	D C B A																												
																						J	J	J	J	J	J	J	J
																						K	K	K	K	K	K	K	K
																						N	N	N	N	N	N	N	N
								H	H	H	H	H	H	H															
5P + 32S + 5P																													

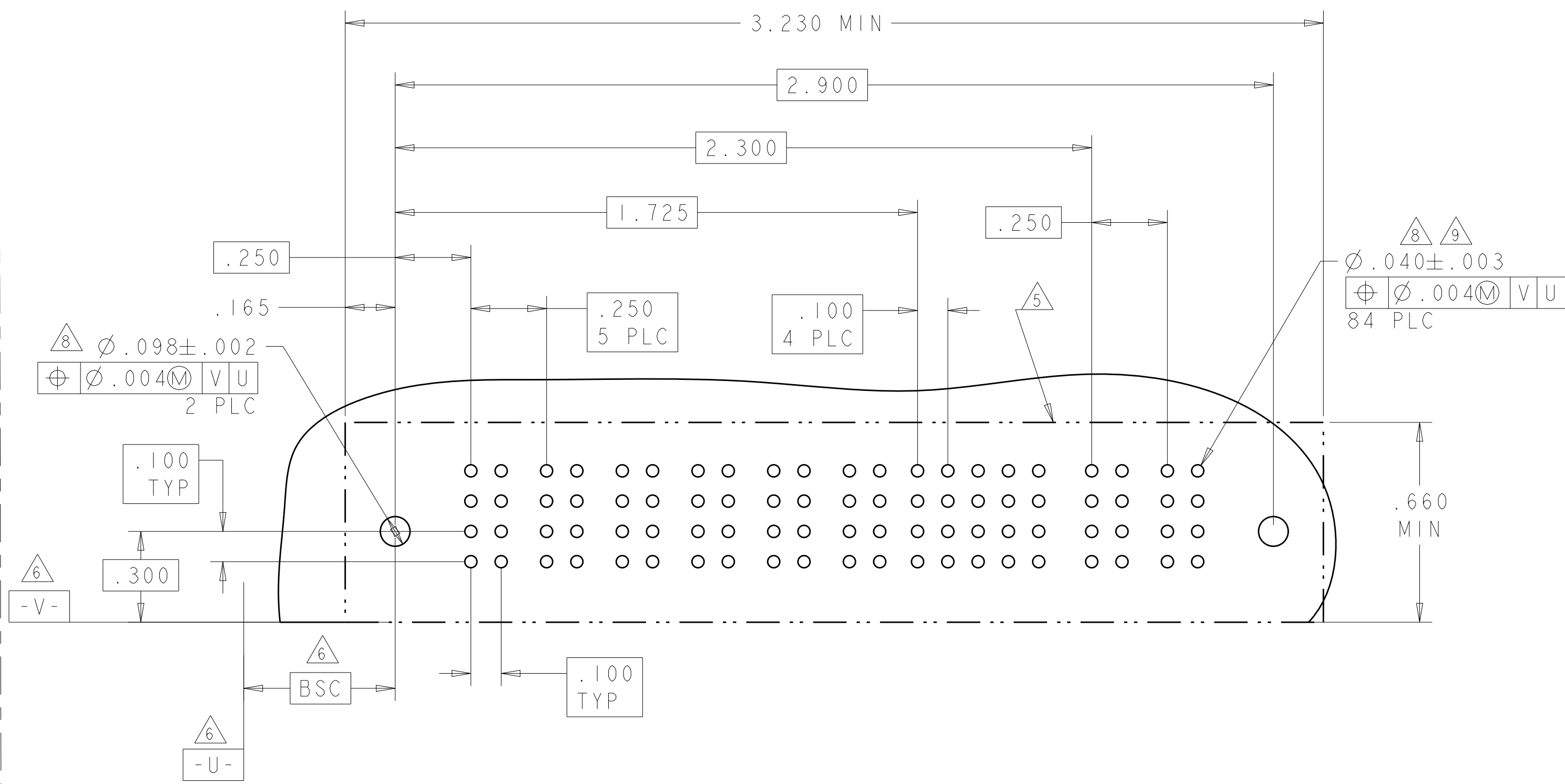


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	4FEB2005	TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE	4FEB2005		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE	4FEB2005	NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
0 PLC ± .01		PRODUCT SPEC		SIZE 108-1973	
1 PLC ± .01		APPLICATION SPEC		CAGE CODE 114-13038	
2 PLC ± .005		WEIGHT		DRAWING NO A100779	
3 PLC ± .002		Customer Drawing		REV M2	
4 PLC ± .002		SCALE 4:1		SHEET 11	
ANGLES ± .002		SHEET 11		OF 28	
FINISH		SHEET 11		REV M2	

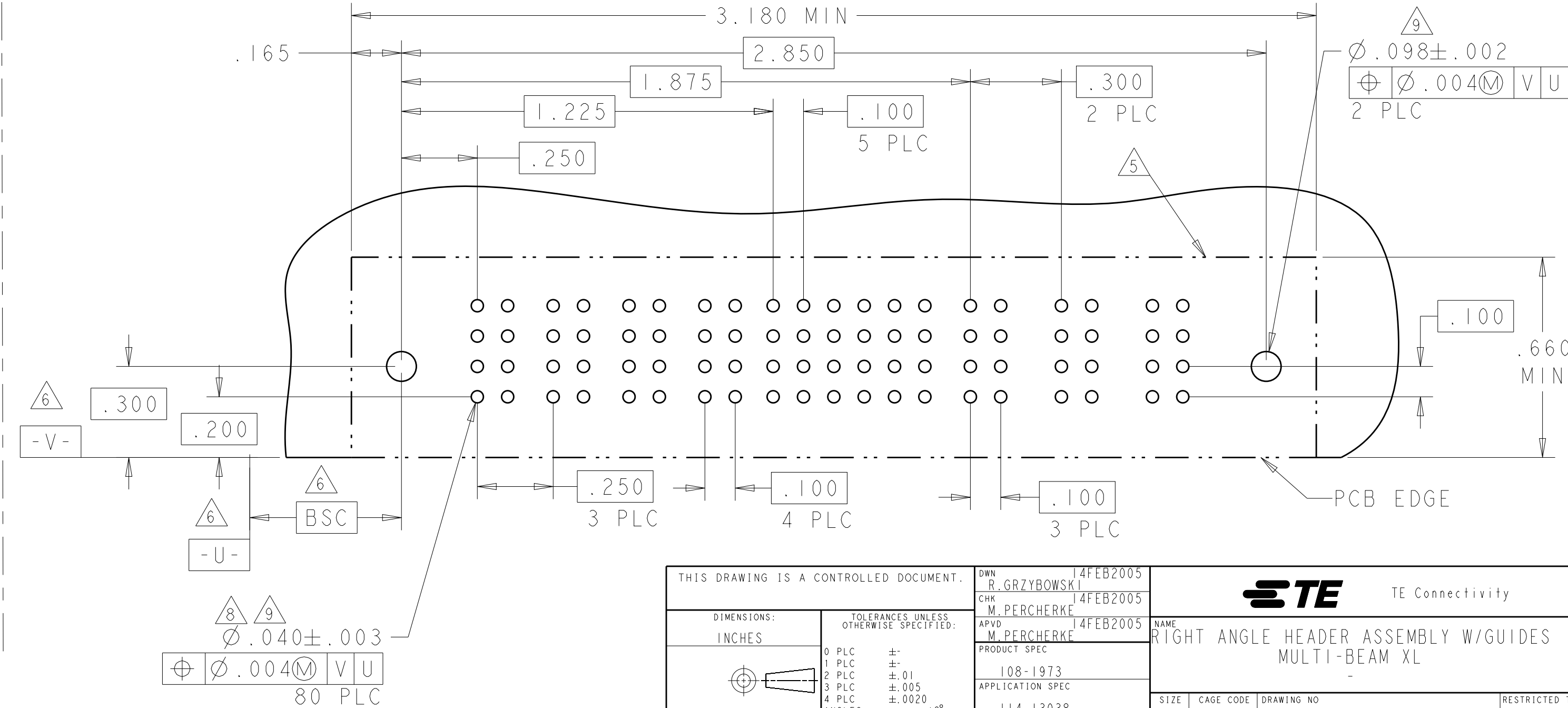
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7-6450130-5	D C B A	 HD	PM		PM			J	J	J	J	PM	PM	PM	HD
								K	K	K	K				
								N	N	N	N				
								S	S	S	S				
3P + 24S + 3P			NO CONTACTS LOADED												

[illegible]4805 (3/11)

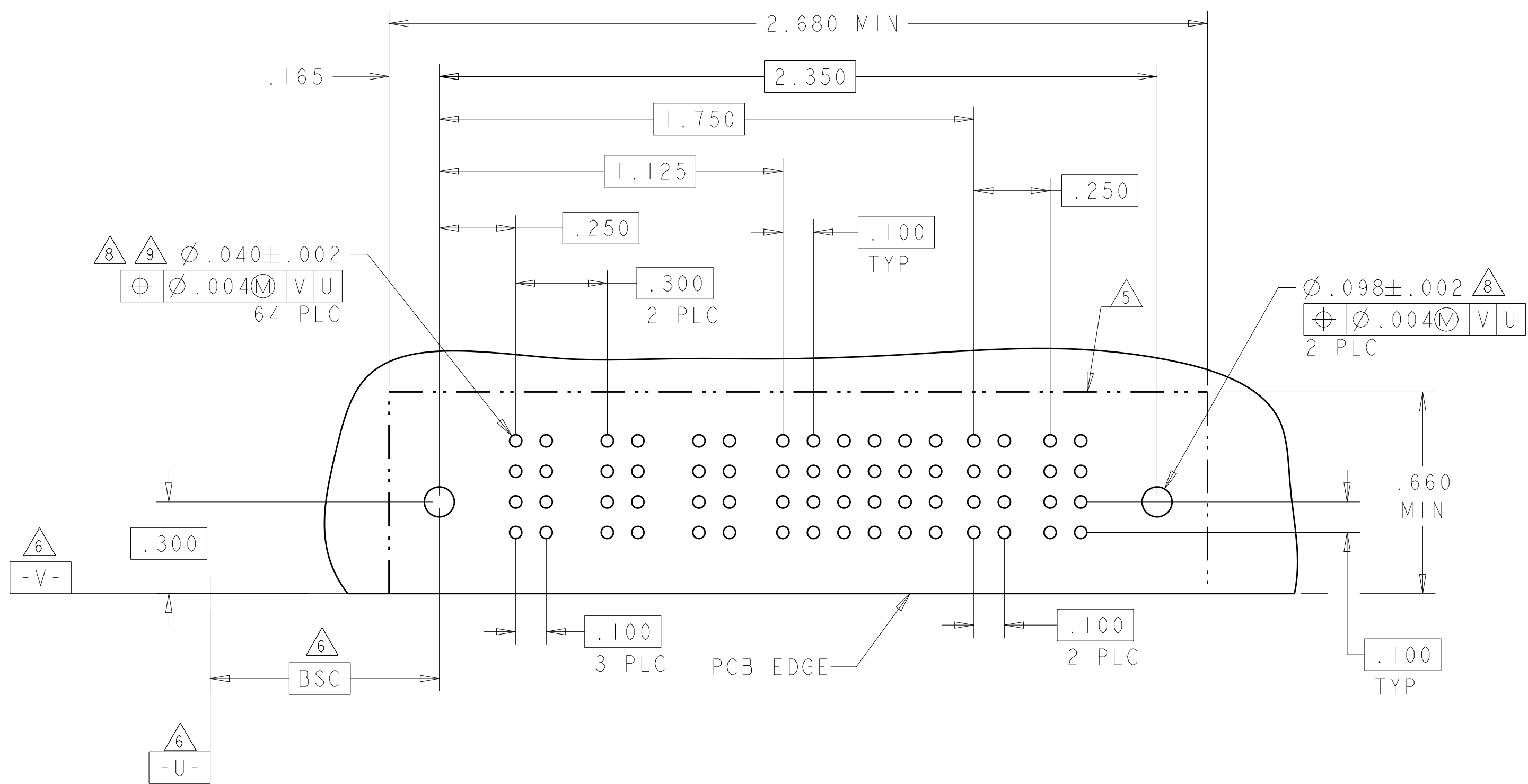
PART NUMBER	ROWS		POWER						SIGNAL					POWER		
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8-6450130-0	D		PM	PM	PM	PM	PM	J	J	J	J	J	PM	PM		
	K							K	K	K	K					
	N							G	N	N	N					
	S							S	S	S	S					
A	HD														HD	
6P + 20S + 2P																



PART NUMBER	ROWS		POWER				SIGNAL						POWER			
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	
8-6450130-2	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	H					
4P + 24S + 3ACP																

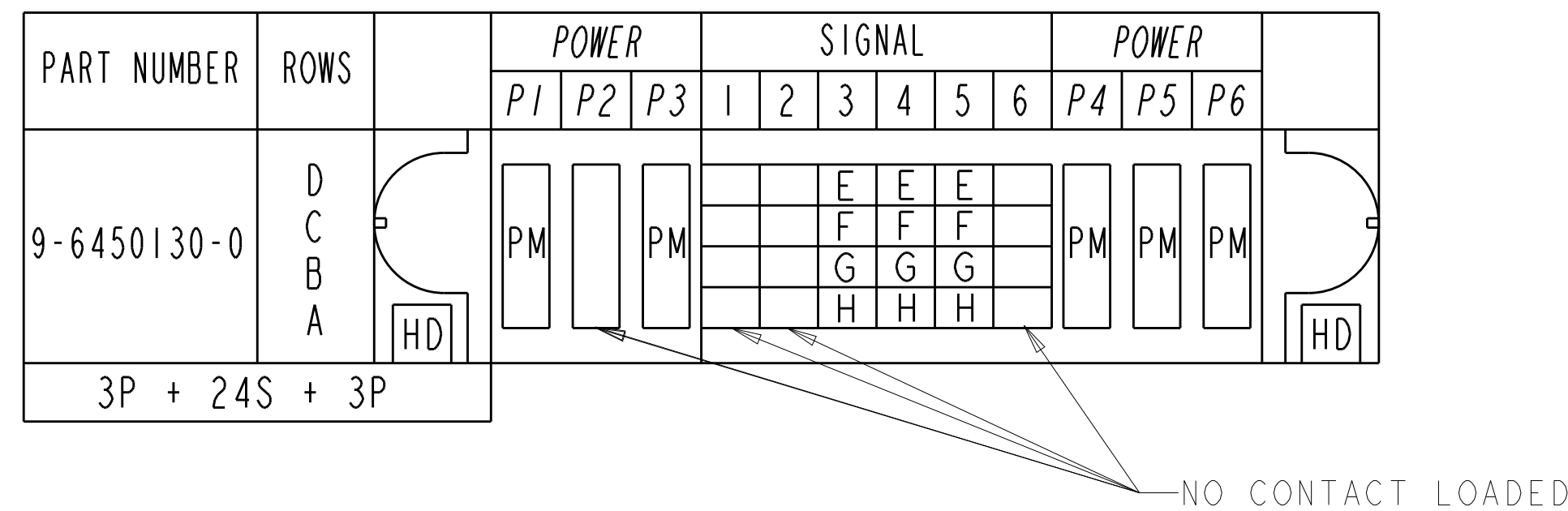
4805 (3/11)

PART NUMBER	ROWS		POWER			SIGNAL						POWER		
			P1	P2	P3	1	2	3	4	5	6	P4	P5	
5-6450130-1	D C B A	 				J K N S	J K N S	E K G S	J K N S	J K N S	J K N S			
3ACP + 24S + 2P														



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 141EB2005 GRZYBOWSKI CHK 141EB2005 M. PERCHERKE APP'D 141EB2005 M. PERCHERKE		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±0°		NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CAGE CODE DRAWING NO A100779C6450130	
MATERIAL -		WEIGHT -		RESTRICTED TO -	
FINISH -		Customer Drawing		SCALE 4:1 SHEET 14 of 28 REV M	

PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
8-6450130-6	D		PM		PM			J	J	J		PM	PM	PM	
	C							K	K	K					
	B							N	N	N					
	A							S	S	S					
3P + 24S + 3P															

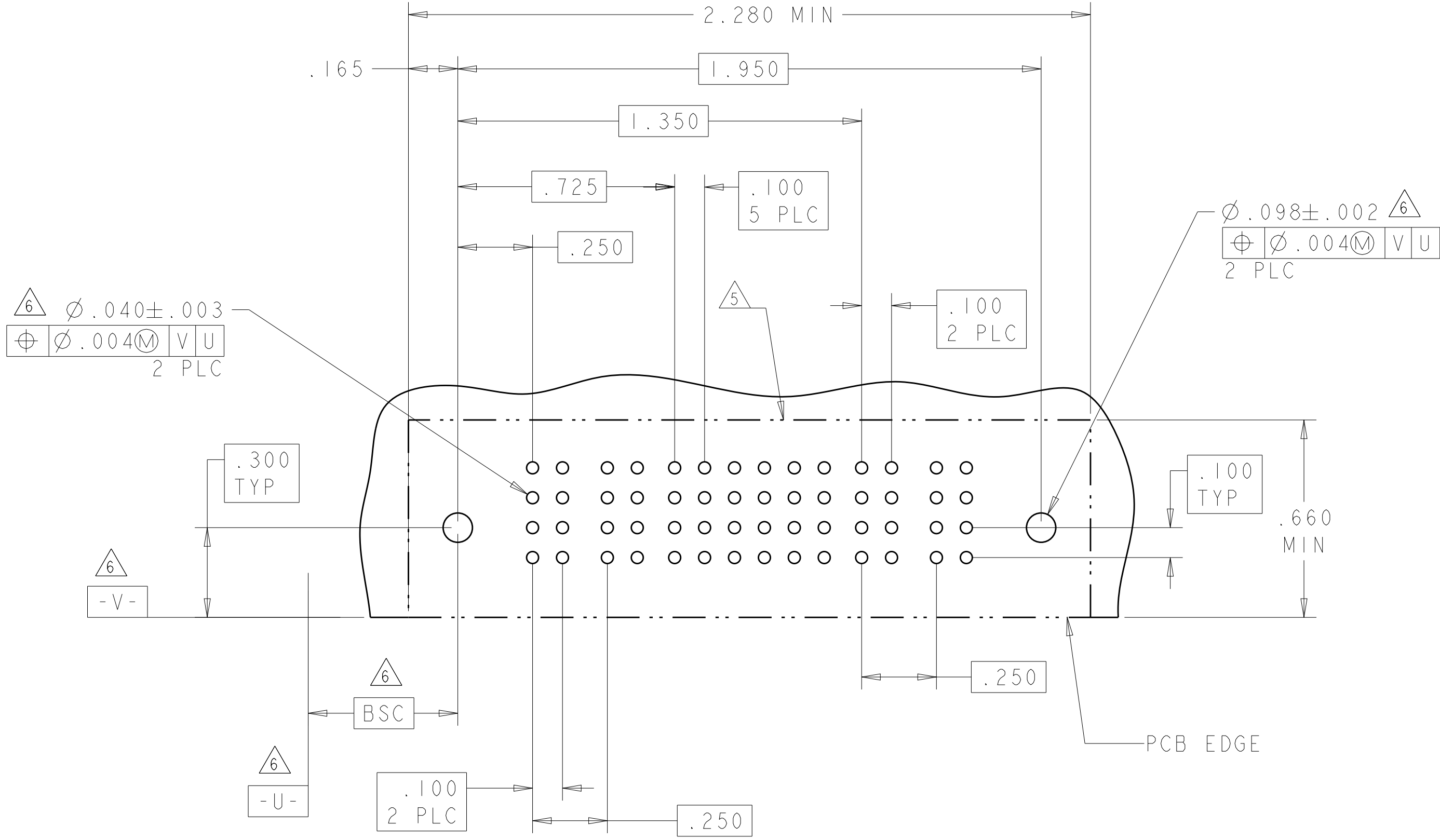


The drawing shows a top-down view of a PCB layout. Key dimensions and features include:

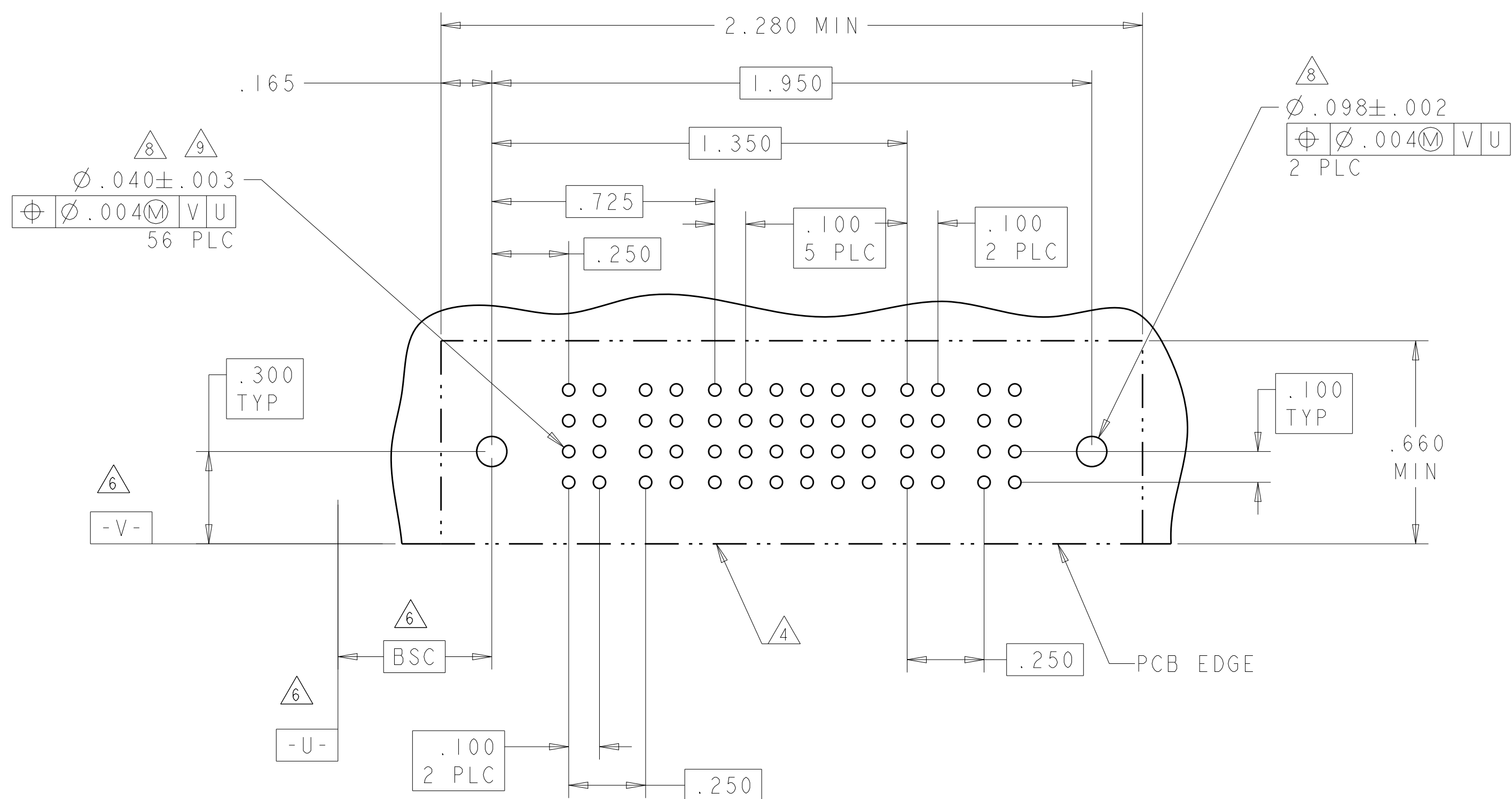
- Overall Dimensions:**
 - Top width: 2.780 MIN
 - Top left offset: .165
 - Right side height: .660 MIN
- Internal Dimensions and Spacing:**
 - Top horizontal segments: 2.450, 1.600, 1.175, .750, .250
 - Vertical segments on the right: .250, .100 (2 PLC)
 - Bottom horizontal segments: .300, .100, .100 (3 PLC), .100 (TYP)
- Material and Surface Finish Specifications:**
 - Top left: $\varnothing .098 \pm .002$, $\varnothing .004$ (M), V, U, 2 PLC, triangle 8
 - Top right: $\varnothing .040 \pm .003$, triangle 7, triangle 8, $\varnothing .004$ (M), V, U, 52 PLC
 - Bottom left: triangle 6, -V-, BSC, triangle 6
 - Bottom right: triangle 6, -U-, triangle 6
- Other Features:**
 - A large rounded rectangle in the center represents the main PCB area.
 - A dashed line runs horizontally through the center of the rounded rectangle.
 - Arrows point from labels like "PCB EDGE" and "5" to specific features.

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PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
2-6450130-9	D C B A	      											

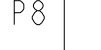
4805 (3/11)

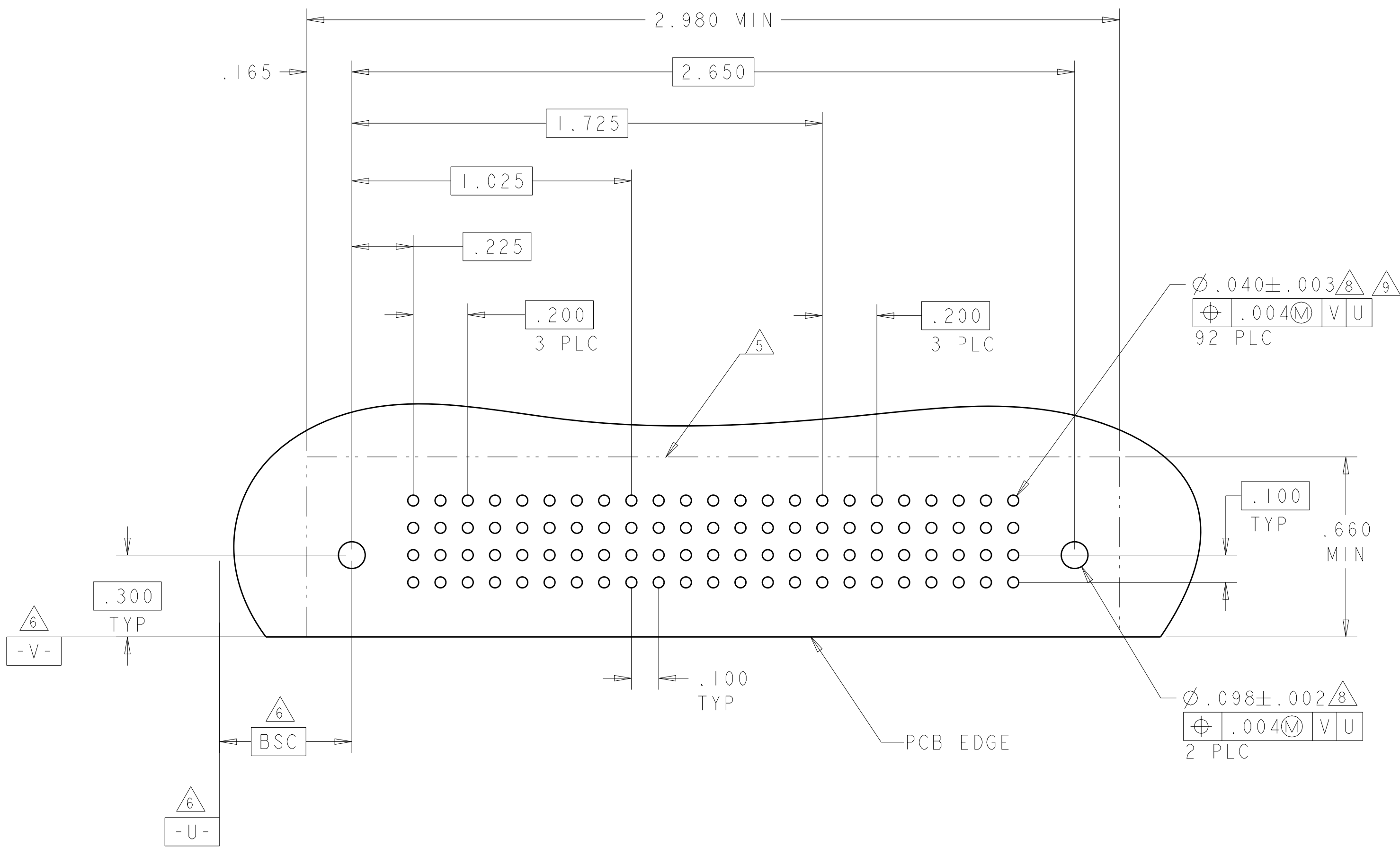
PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
6-6450130-7	D C B A	 			 J K N S	 J K N S	 J K N S	 J K G S	 J K N S	 J K N S			 
2P + 24S + 2P													



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 141EB2005 GRZYBOWSKI CHK 141EB2005 M. PERCHERRE APP'D 141EB2005 M. PERCHERRE		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±0°		NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CAGE CODE DRAWING NO A100779C6450130	
MATERIAL -		WEIGHT -		RESTRICTED TO -	
FINISH -		Customer Drawing		SCALE 4:1 SHEET 17 of 28 REV M	

LAYOUT OF PART 8-6450130-8 IS SAME AS 6-6450130-7.

PART NUMBER	ROWS		POWER				SIGNAL							POWER				
			P1	P2	P3	P4	1	2	3	4	5	6	7	P5	P6	P7	P8	
2-6450130-4	D		PA	PA	PA	PA	A4	A4	A4	A4	A4	A4	A4	PA	PA	PA	PA	
	C						A3	A3	A3	A3	A3	A3	A3					
	B						A2	A2	A2	A2	A2	A2	A2					
	A	A1					A1	A1	A1	A1	A1	A1	HD					
4HDP + 2S + 4HDP																		

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

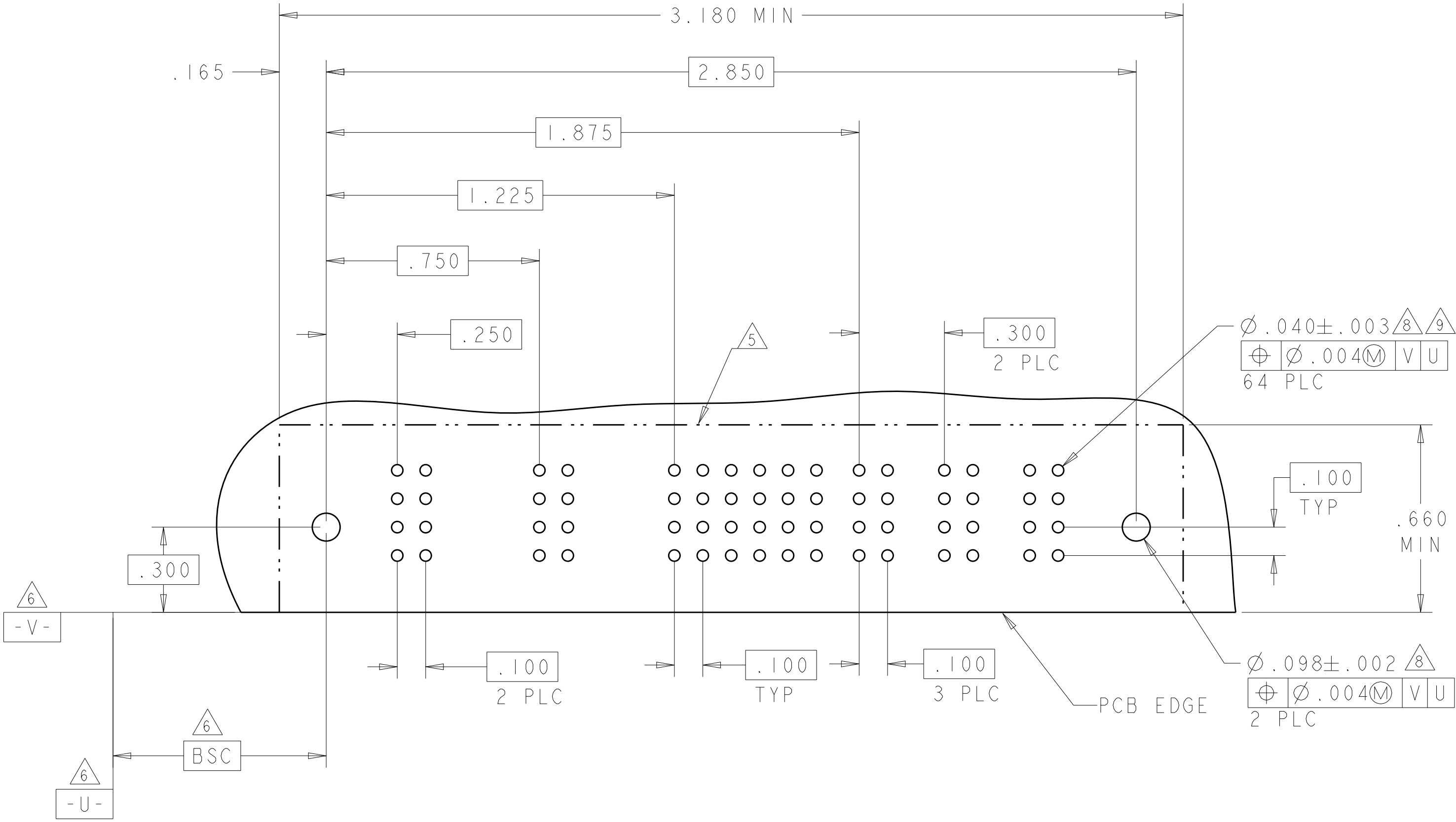
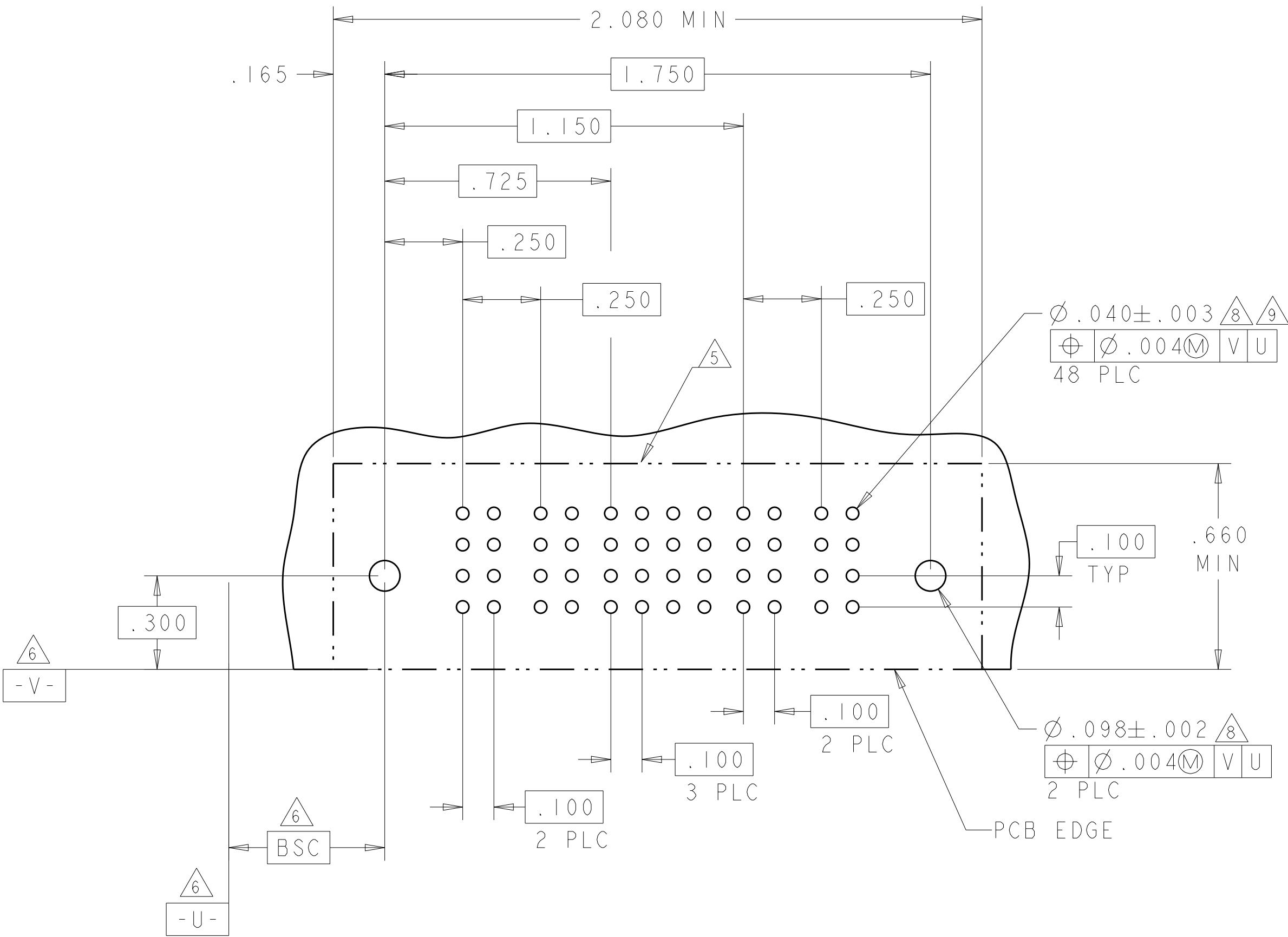
K5

PART NUMBER	ROWS		POWER		SIGNAL				POWER		
			P1	P2	1	2	3	4	P3	P4	
9-6450130-3	D C B A		PM	PM	E	J	J	J	PM	PM	
					K	K	K	K			
					N	N	N	N			
					S	S	S	S			
2P + 16S + 2P											

K6

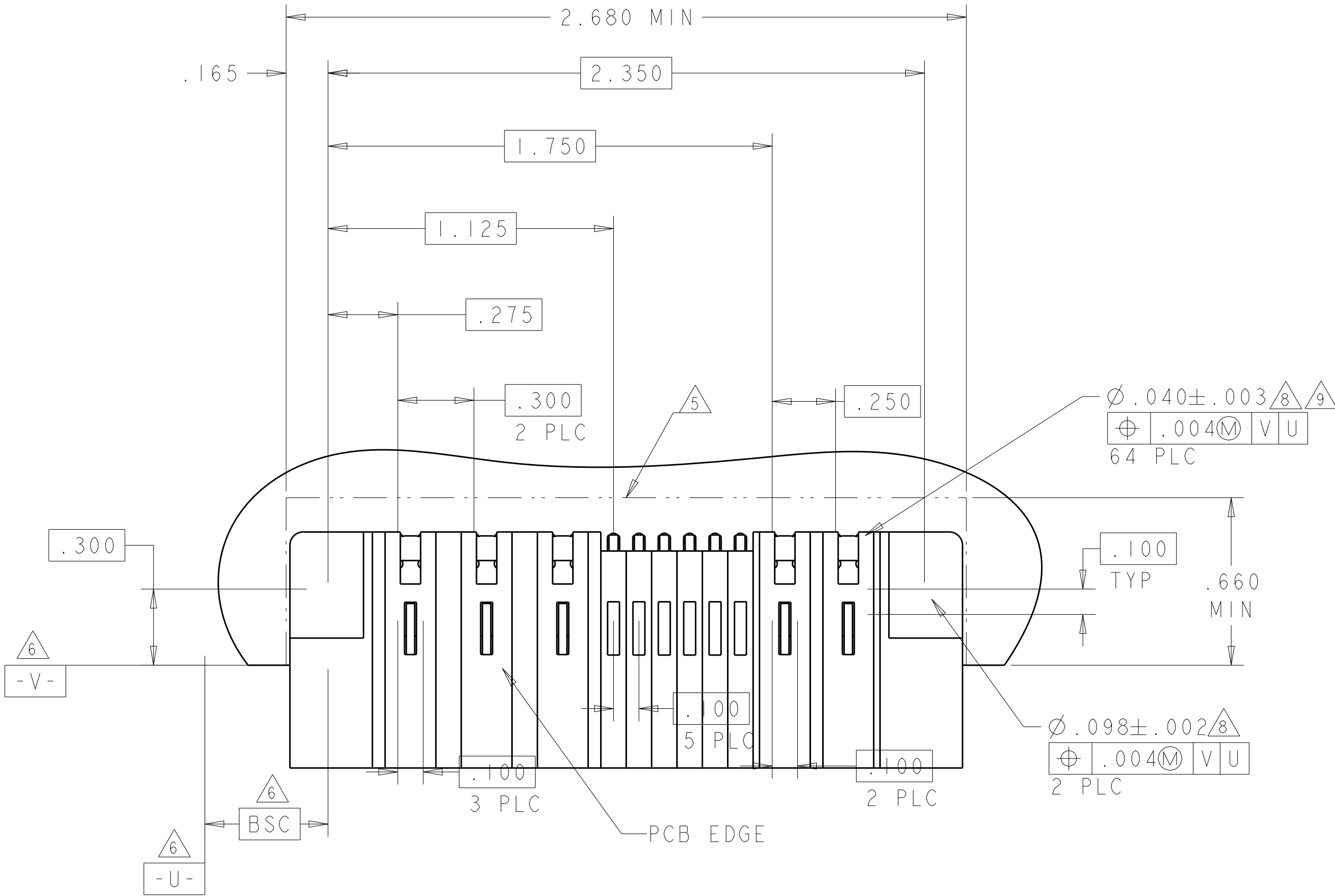
PART NUMBER	ROWS		POWER				SIGNAL						POWER			
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	
9-6450130-4	D C B A						J	J	J	J	J	J				
							K	K	K	K	K	K				
							N	N	N	N	N	N				
							S	S	S	S	S	H				
4P + 24S + 3ACP																

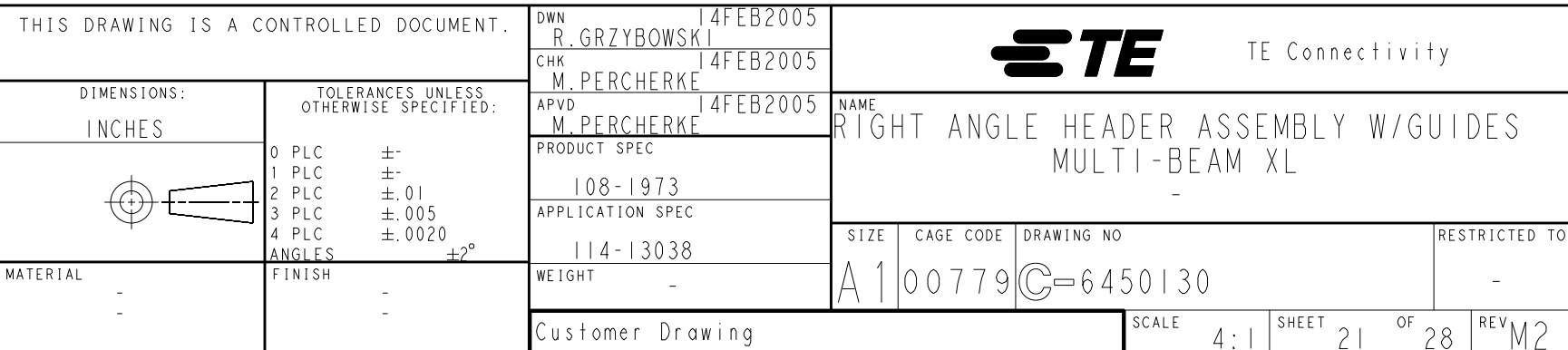
NO CONTACT LOADED



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

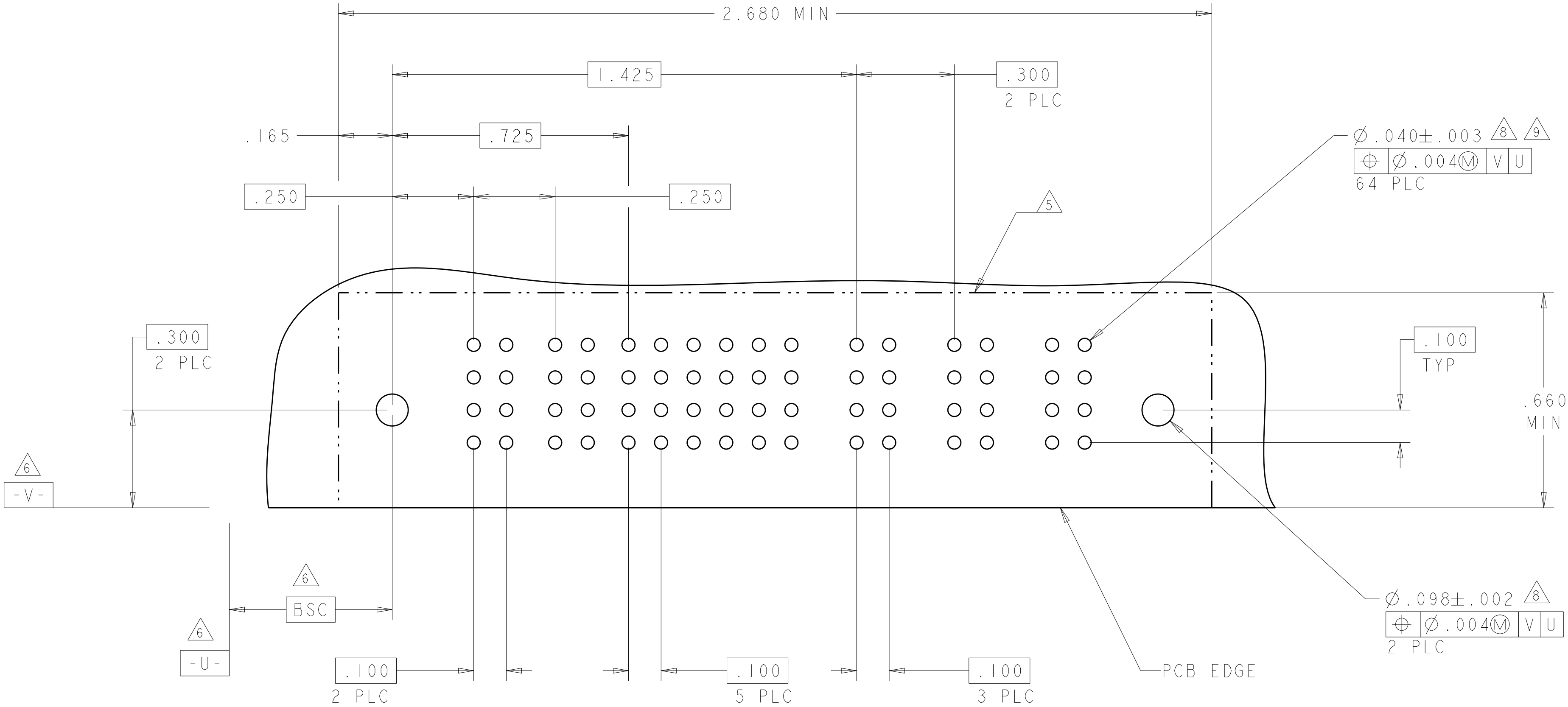
PART NUMBER	ROWS		POWER			SIGNAL						POWER		
			P1	P2	P3	1	2	3	4	5	6	P4	P5	
2-6450130-6	D		PM	PM	PM	J	J	J	J	J	J	PM	PM	
	K					K	K	K	K	K				
	N					N	N	N	N	N				
	S					S	S	S	S	S				
3ACP + 24S + 2P														



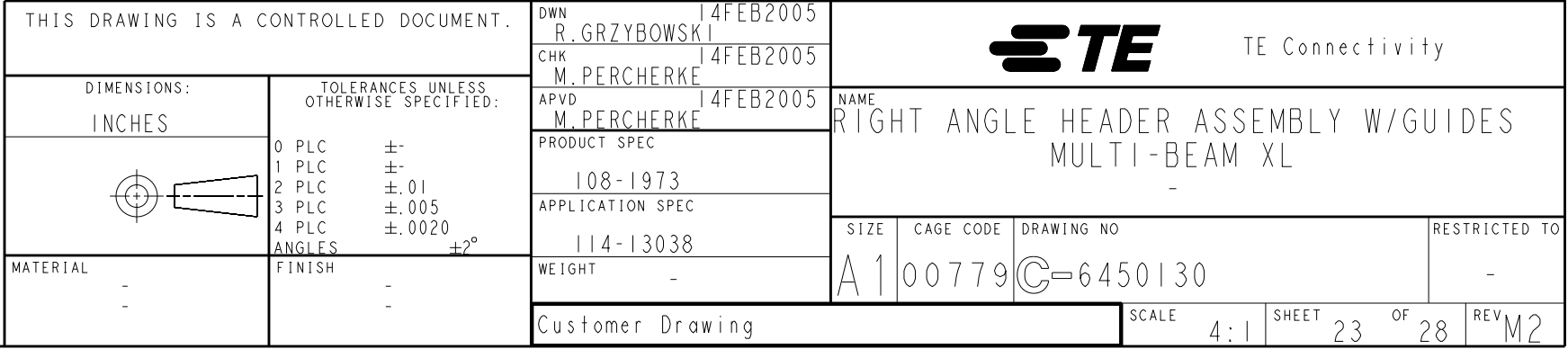
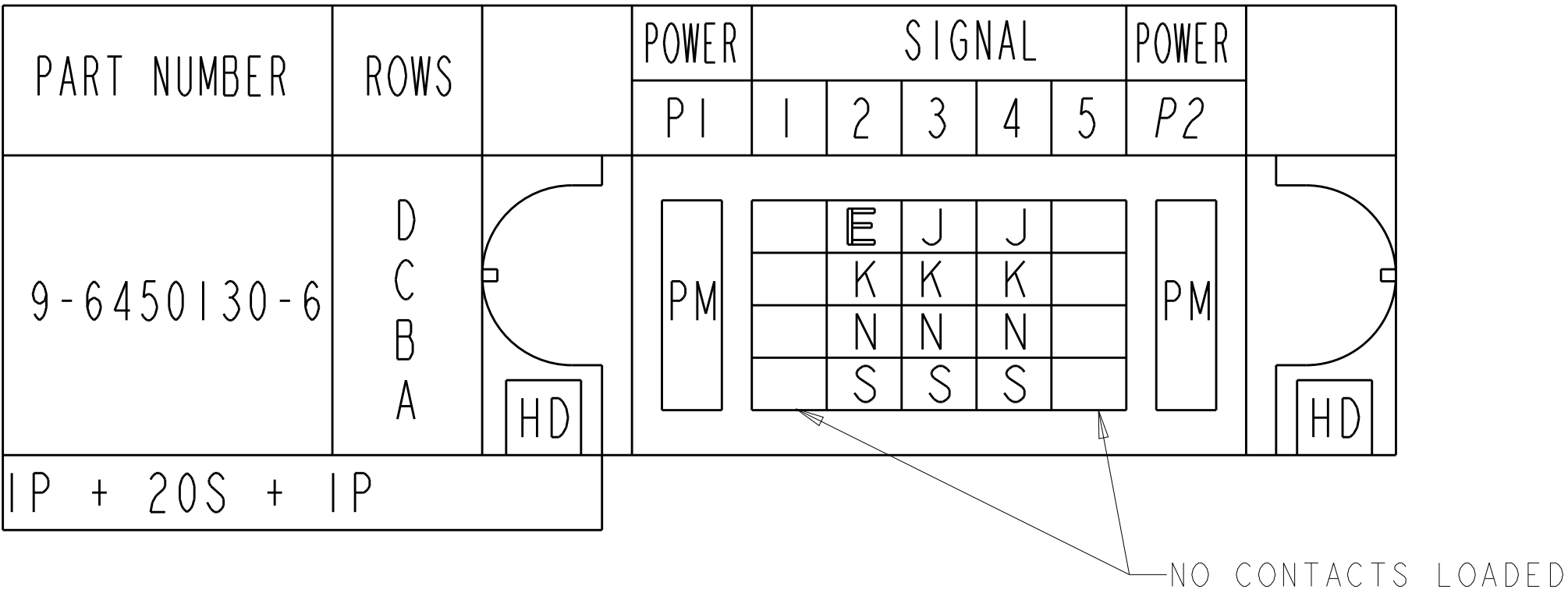


LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER		SIGNAL						POWER			
			P1	P2	1	2	3	4	5	6	P3	P4	P5	
9-6450130-5	D		PM	PM	J	J	E	J	J	J	PM	PM	PM	
	K				K	K	K	K	K					
	N				N	G	N	N	N					
	S				S	S	S	S	S					
2P + 24S + 3ACP														



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHERKE APVD M.PERCHERKE	4FEB2005 14FEB2005 14FEB2005	TE Connectivity	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH	$\pm .01$ $\pm .01$ $\pm .005$ $\pm .0020$ $\#2^\circ$ -	PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
MATERIAL -		WEIGHT -	Customer Drawing	SIZE A1	CAGE CODE 00779
				DRAWING NO C=6450130	RESTRICTED TO -
				SCALE 4:1	SHEET 22
				OF 28	REV M2

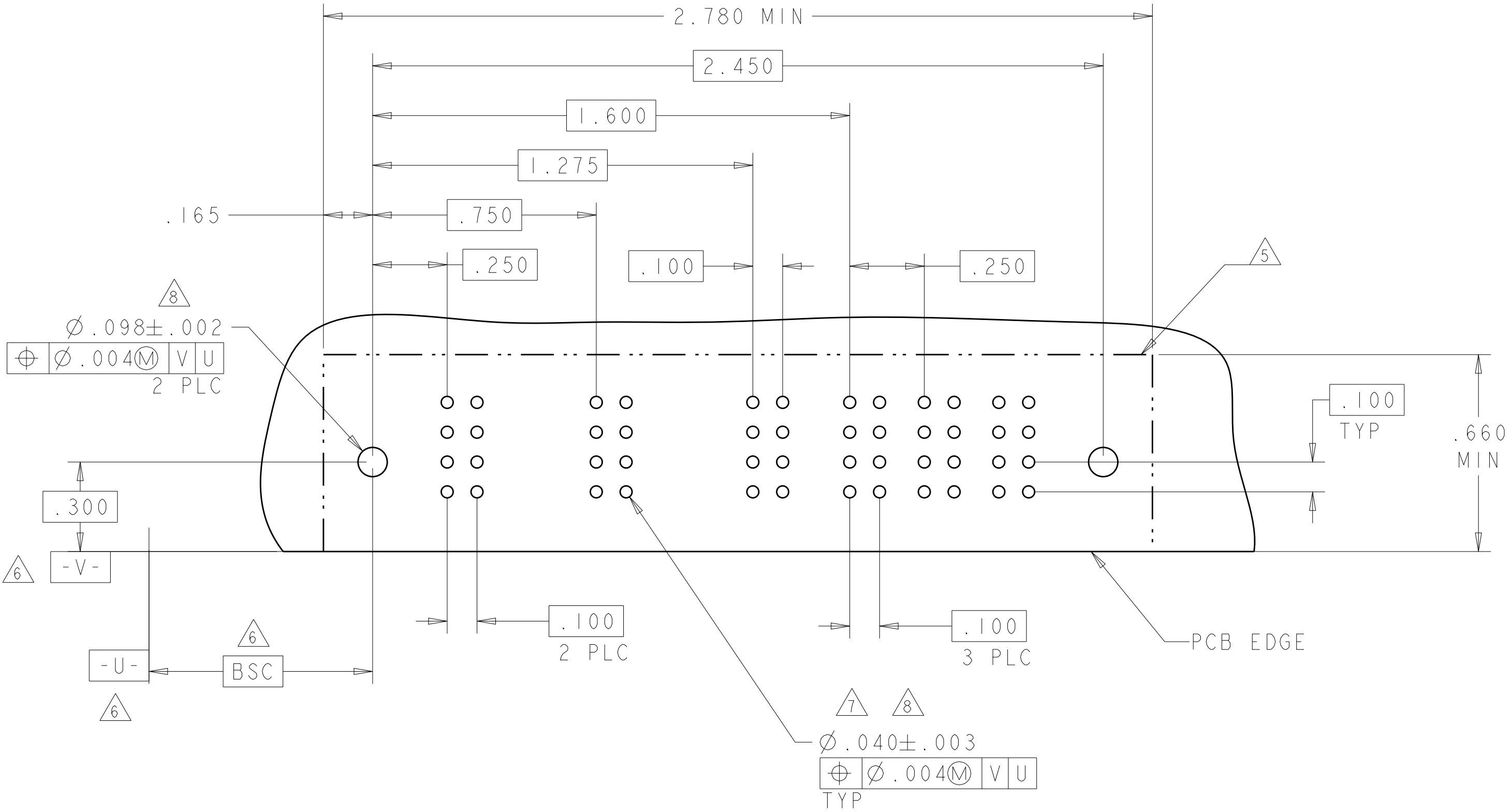
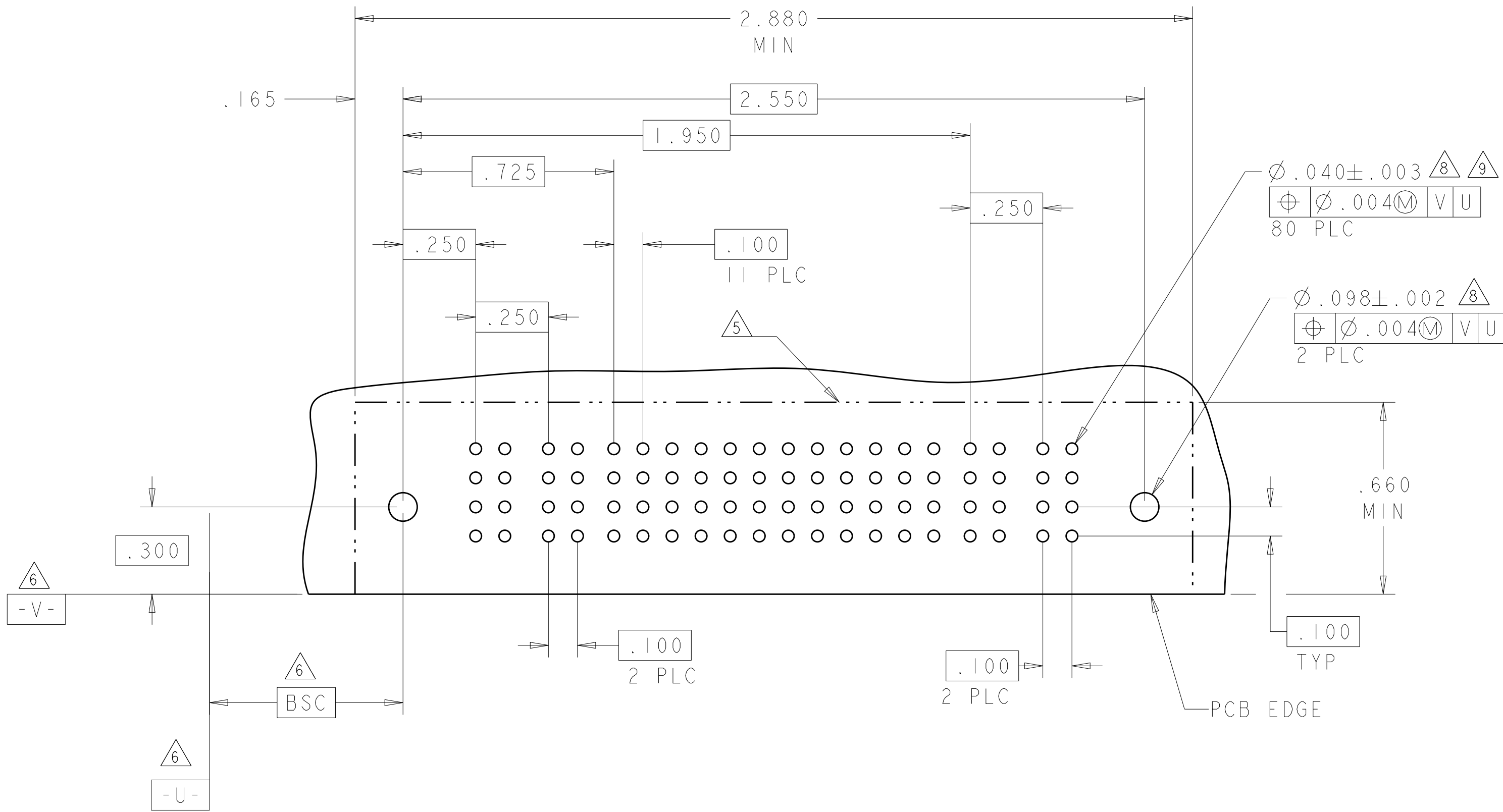


LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION			DATE	DWN	APVD	
-	-	SEE SHEET 1			-	-	-	

PART NUMBER	ROWS		POWER		SIGNAL												POWER		
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	P3	P4	
6-6450130-9	D		PM	PM	E	J	J	J	J	J	J	J	J	J	E	PM	PM		
	K				K	K	K	K	K	K	K	K	K	K					
	N				N	N	N	N	N	N	N	N	N	N					
	H				S	S	S	S	S	S	S	S	S	H					
2P + 48S + 2P																			

PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
9-6450130-7	D		PM		PM				E	E		PM	PM	PM	
	C								F	F					
	B								G	G					
	A								H	H					
3P + 24S + 3P															

NO CONTACT LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 14FEB2005	 TE Connectivity	
DIMENSIONS: INCHES		CHK M.PERCHERKE 14FEB2005		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W.PERCHERKE 14FEB2005	NAME
			PRODUCT SPEC	RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -
			108-1973	
			APPLICATION SPEC	
			114-13038	
MATERIAL	FINISH	WEIGHT	SIZE CAGE CODE DRAWING NO	RESTRICTED TO
-	-	-	A100779C=6450130	-
Customer Drawing			SCALE 4:1	SHEET 24 OF 28 REV M2

L7



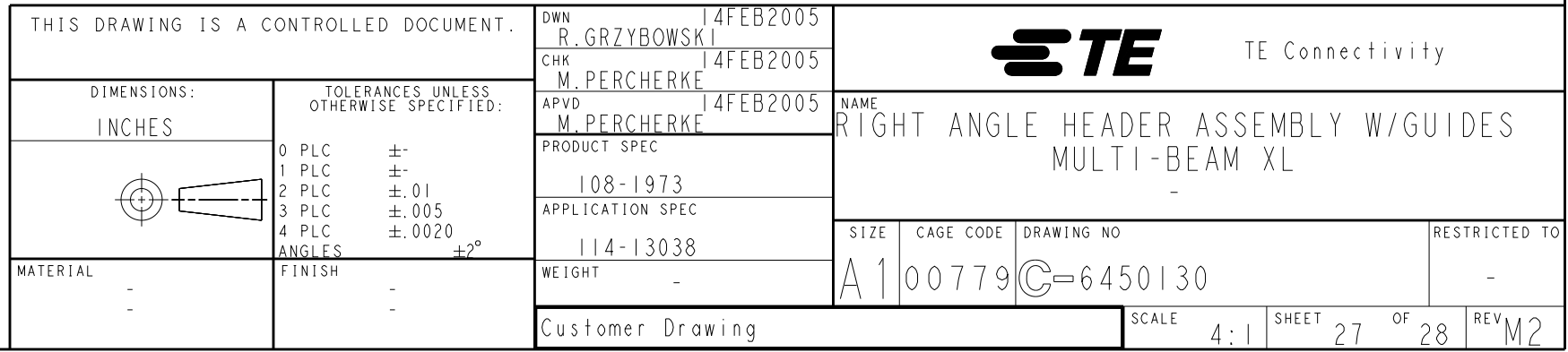
—PCB EDAGE

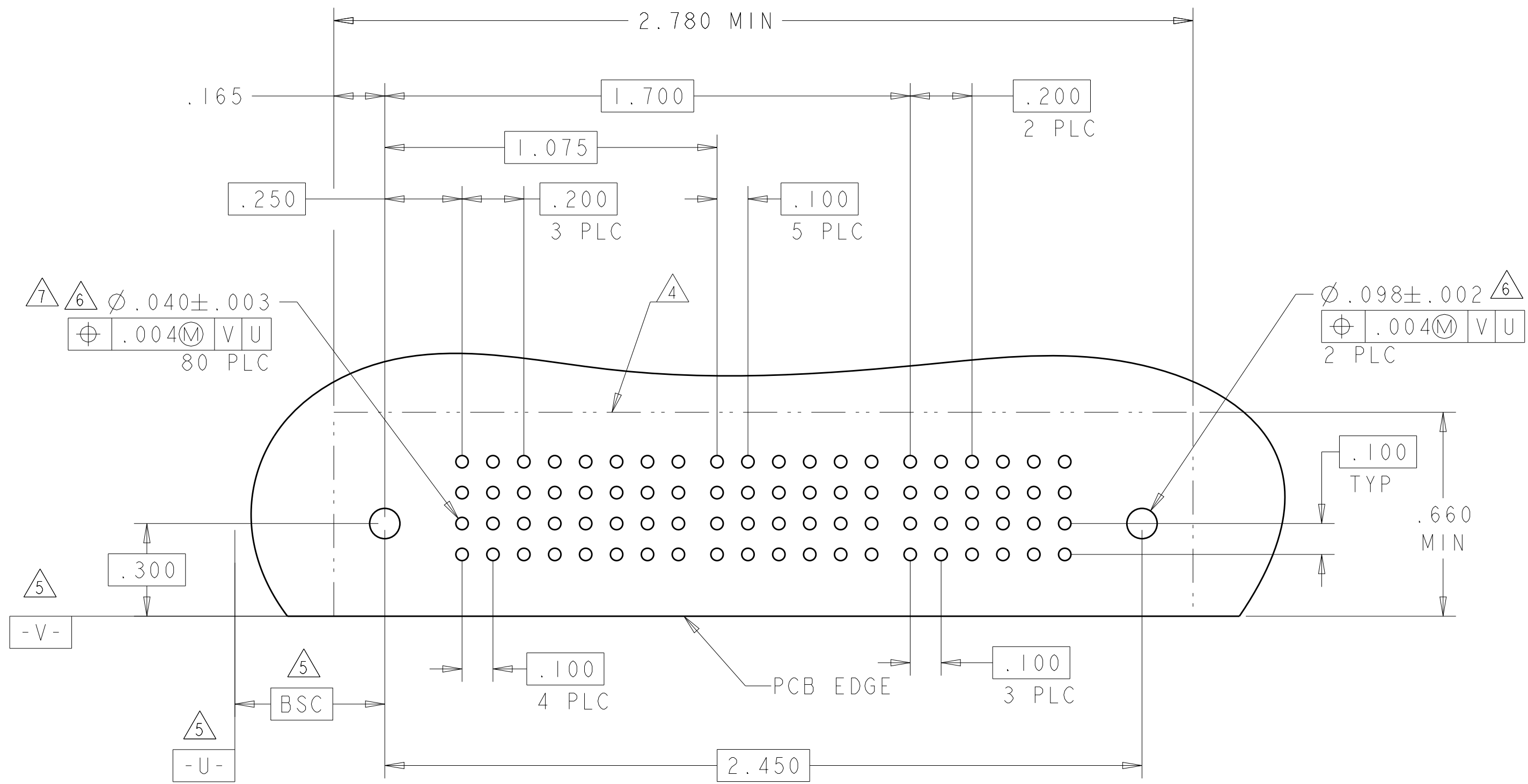
4805 (3/11)

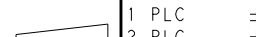
L8

4805 (3/11)

L9



[illegible]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 14FEB2005 R. GRZYBOWSKI		TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		RIGHT ANGLE HEATER ASSEMBLY W/GUIDES MULTI-BEAM XL	
		0 PLC ± 1 PLC ± 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±?°		NAME CHW 14FEB2005 M. PERCHERKT APVD 14FEB2005 PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT - Customer Drawing	
MATERIAL		FINISH		SIZE CAGE CODE DRAWING NO RESTRICTED TO A 100779 © 6450130 - SCALE 4:1 SHEET 28 OF 28 REV M2	



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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