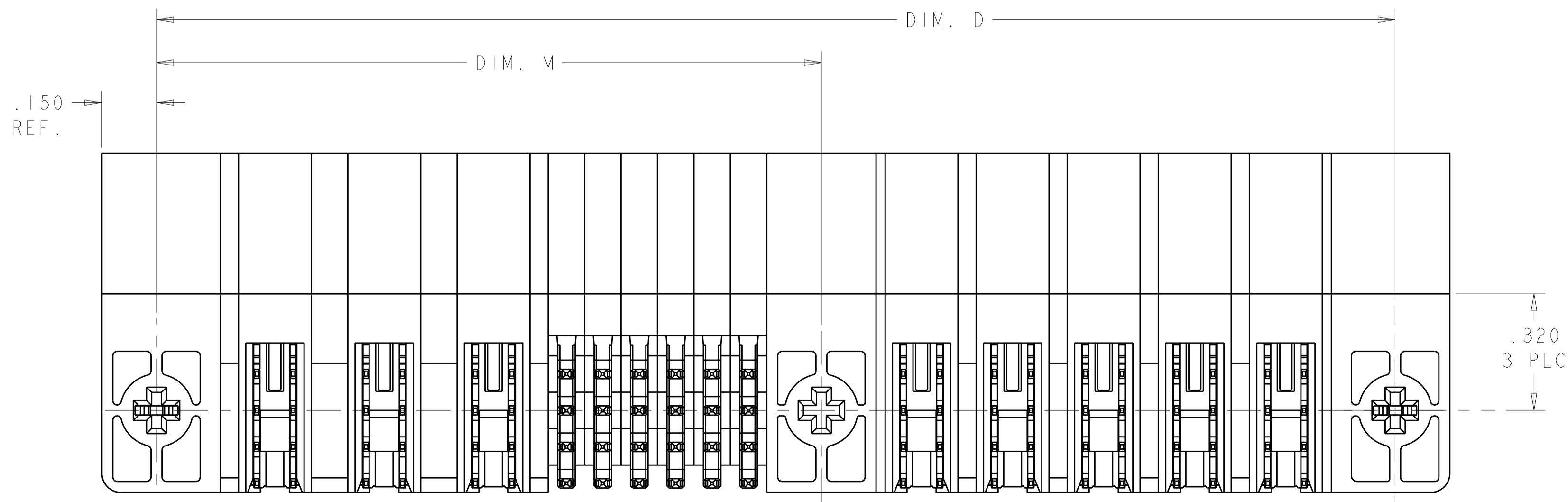
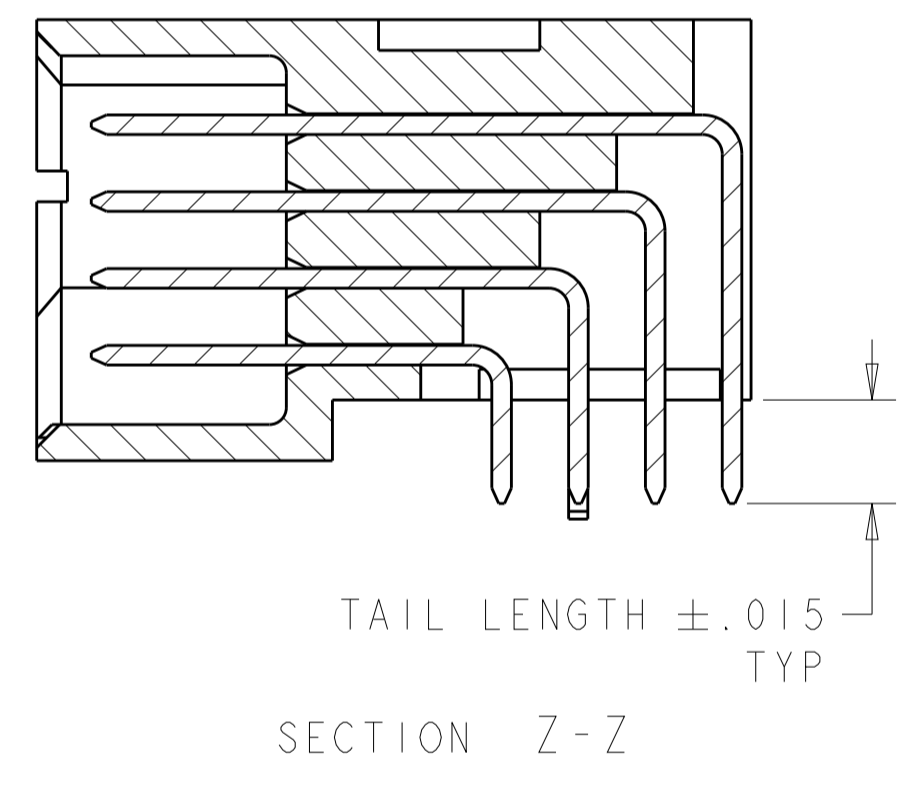
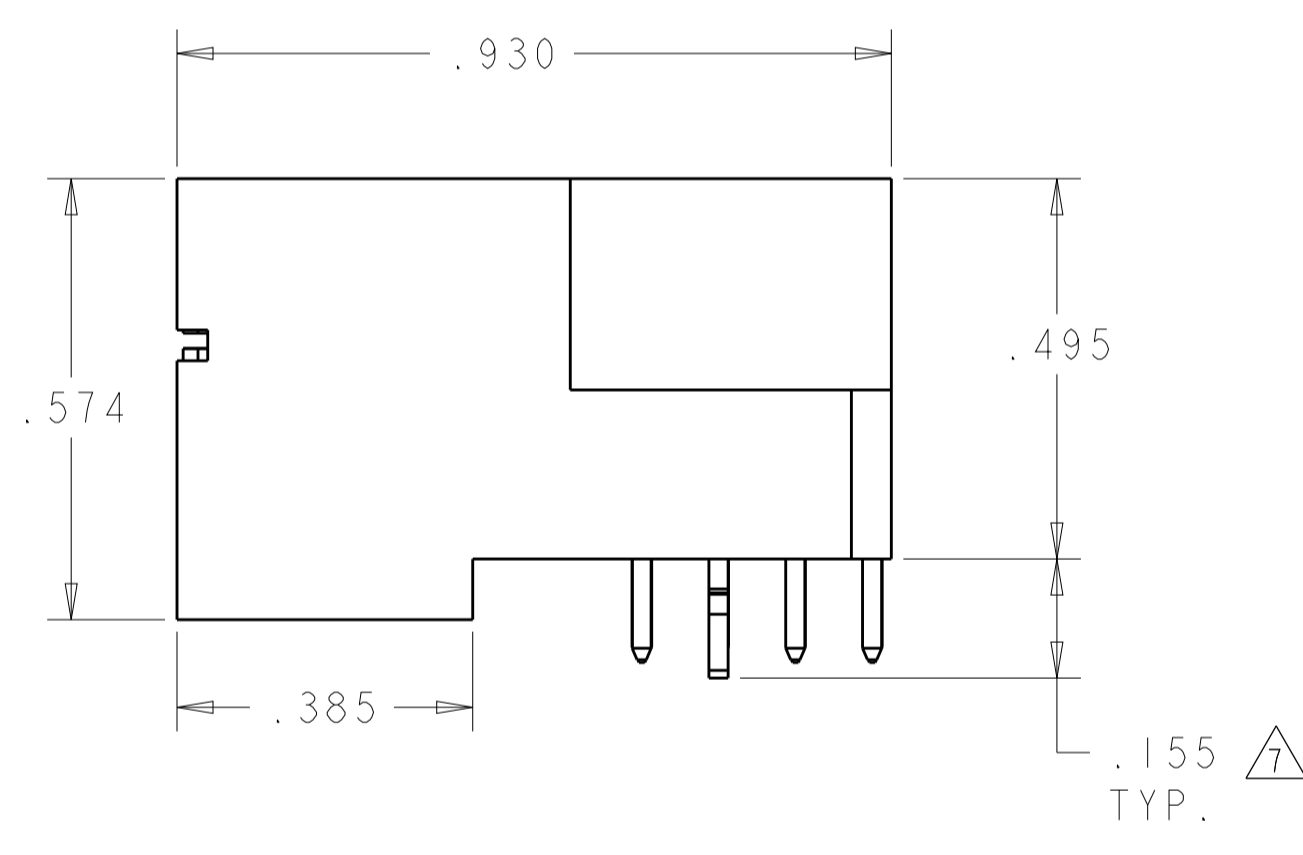
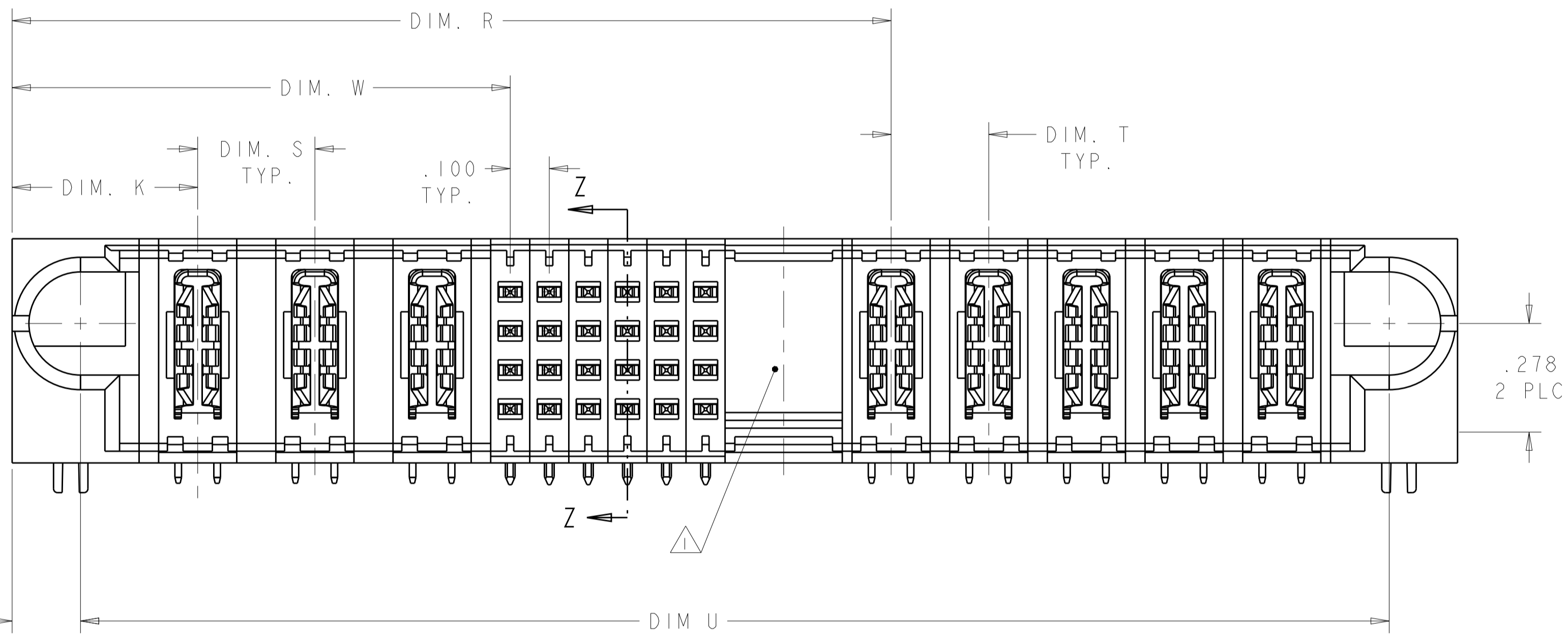
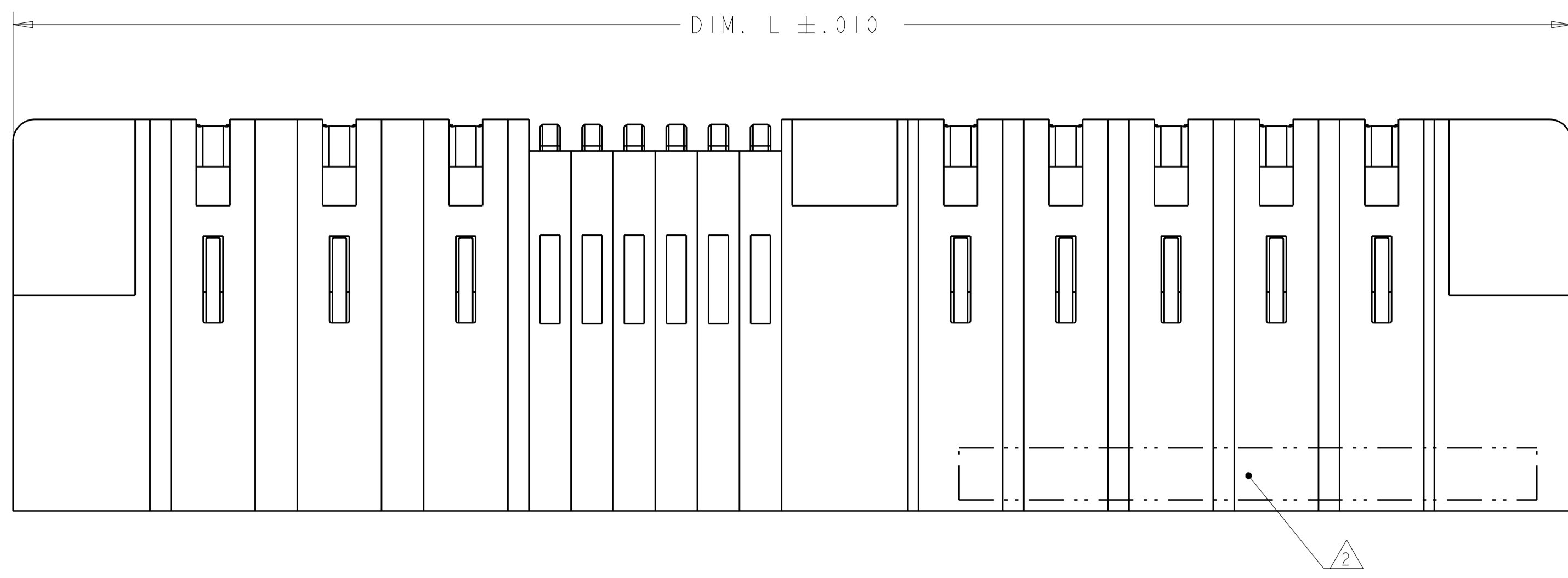


LOC		DIST		REVISIONS			
ES	00	P.	LTH	DESCRIPTION	DATE	DWN	APVD
		L9		REV PER ECR-12-010228	07JUN2012	AY	SZ
		M1		ADD 5-6450130-3	25JUL2012	OL	SZ



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 ±.7°	DWN: R.GRZYBOWSKI 4FEB2005 CHK: M.PERCHEK 14FEB2005 APVD: M.PERCHEK 14FEB2005	NAME: R.GRZYBOWSKI PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	TE Connectivity <b>RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL</b>	
MATERIAL: 3	FINISH: 4	SIZE: A1 CAGE CODE: 6450130 DRAWING NO: 100779	RESTRICTED TO: -	SCALE: 4:1	SHEET 1 OF 28

Customer Drawing

LOC	DIST	REV	DATE	BY	APPV
ES	00				

- △ OPTIONAL CENTER MODULE WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE.
- △ "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- △ MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0  
SIGNAL CONTACT - COPPER ALLOY  
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- △ CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF SIGNAL CONTACTS AND POWER CONTACTS.
- △ MECHANICAL CONNECTOR KEEP OUT ZONE.
- △ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- △ HOLD DOWN SEATING DEPTH DIMENSION FOR 6450130-4 IS .185 TYP
- △ PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- △ PCB - .0453 +/- .0010 DRILLED HOLES PLATES WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040±.003 DIA HOLE.
- △ VARIABLE DIMS. SHOWN ON VIEW

Ⓛ9 PART IS SHEET 27

DIM U	DIM S	DIM T	DIM R	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION	PART NUMBER
1.600	-	-	1.500	.625	1.650	-	1.950	.450	1P + 32S + IP	9-6450130-9
2.400	.250	.250	1.550	.875	2.450	-	2.750	.450	2P + 24S + 4P	9-6450130-8
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 + IP	9-6450130-6
2.300	.250	.300	1.575	.875	2.350	-	2.650	.450	2P + 24S + 3ACP	9-6450130-5
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
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	△	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	△	△	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	△	△	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	△	.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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL: FINISH:

Customer Drawing

SCALE: 4:1

SHEET 2 OF 28

REV: M2

STE TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL

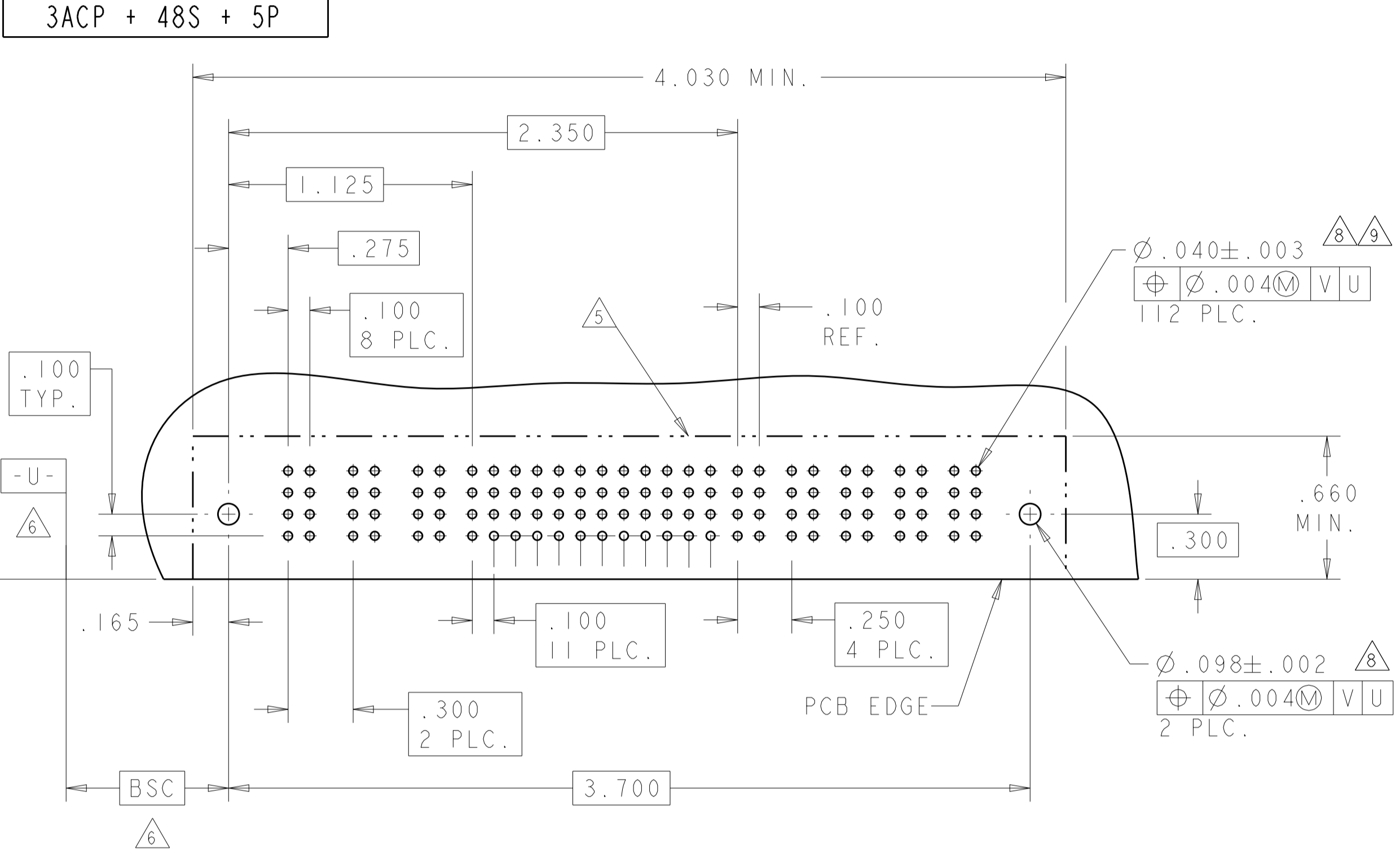
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CAGE CODE: 114-13038

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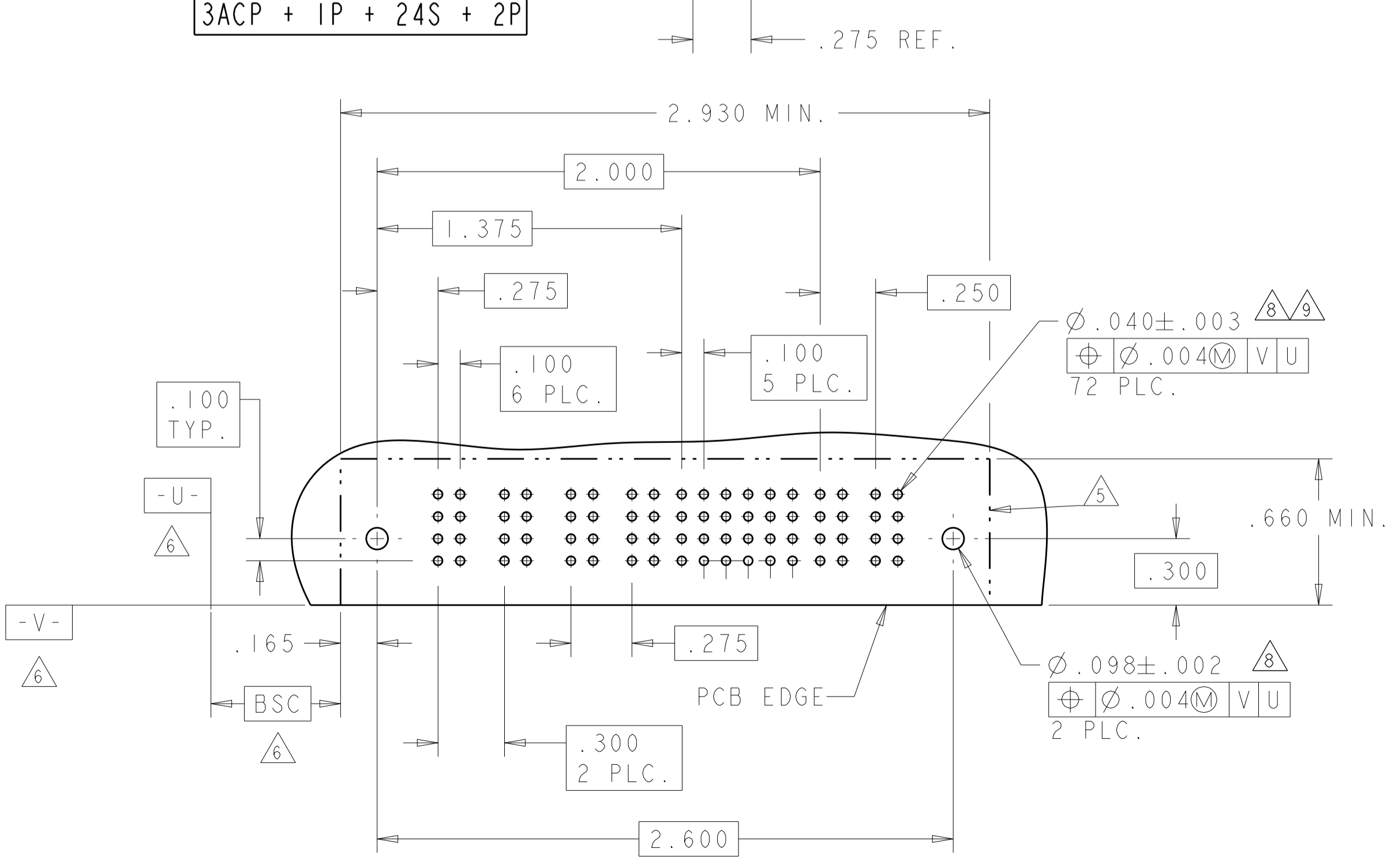
DRAWING NO: 6450130

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

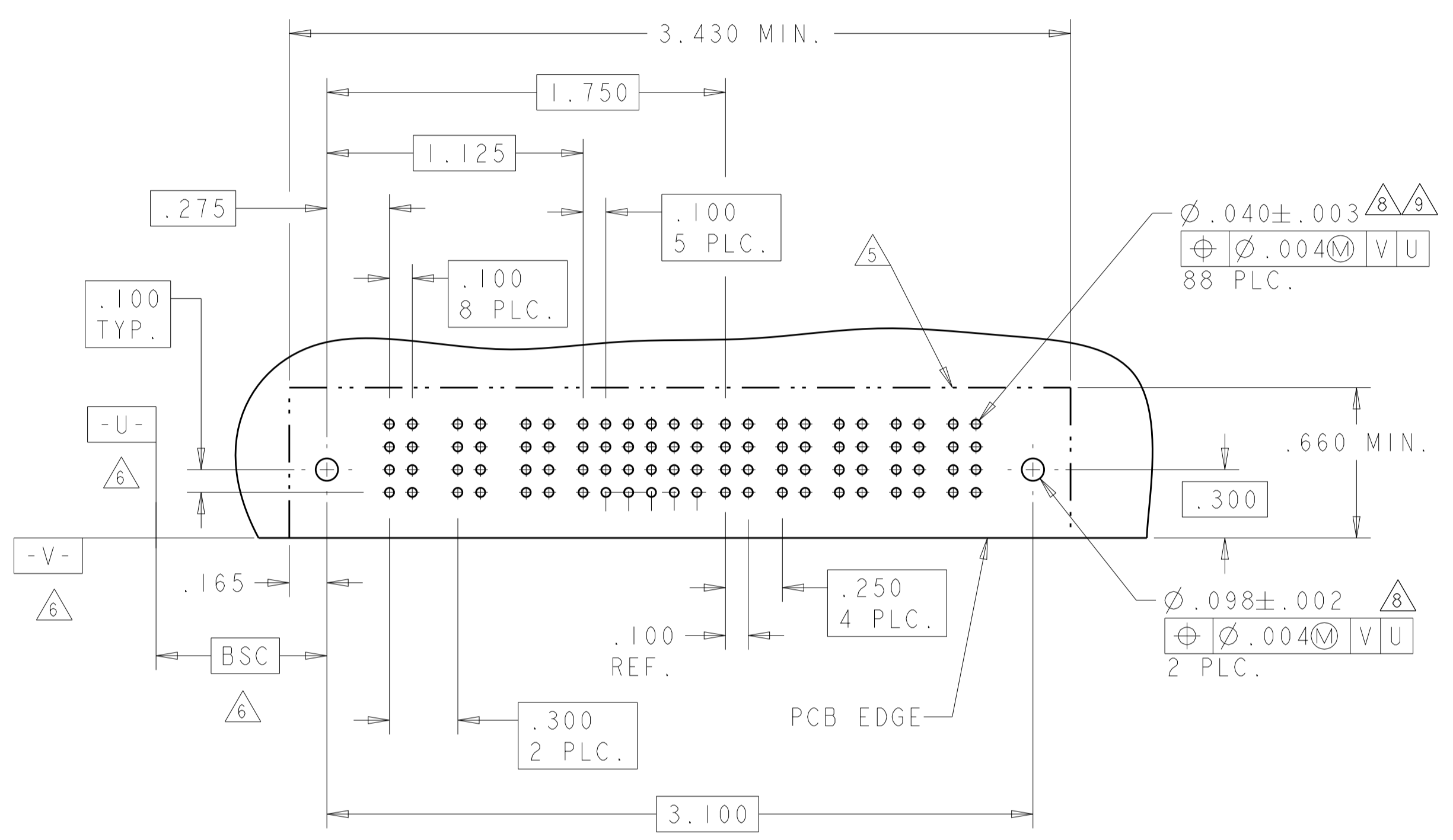


NO CONTACT LOADED

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



PART NUMBER	ROWS	POWER			SIGNAL						POWER					
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	
6450130-3	D C B A	PM	PM	PM	J	J	J	J	E	J	PM	PM	PM	PM	PM	PM
					K	K	F	K	K	K						
					N	N	N	N	N	G						
					S	S	H	S	S	S						



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

POWER CONTACT

CODE	MATING SEQUENCE	TAIL LENGTH	ROW
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

SIGNAL CONTACT

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STE TE Connectivity

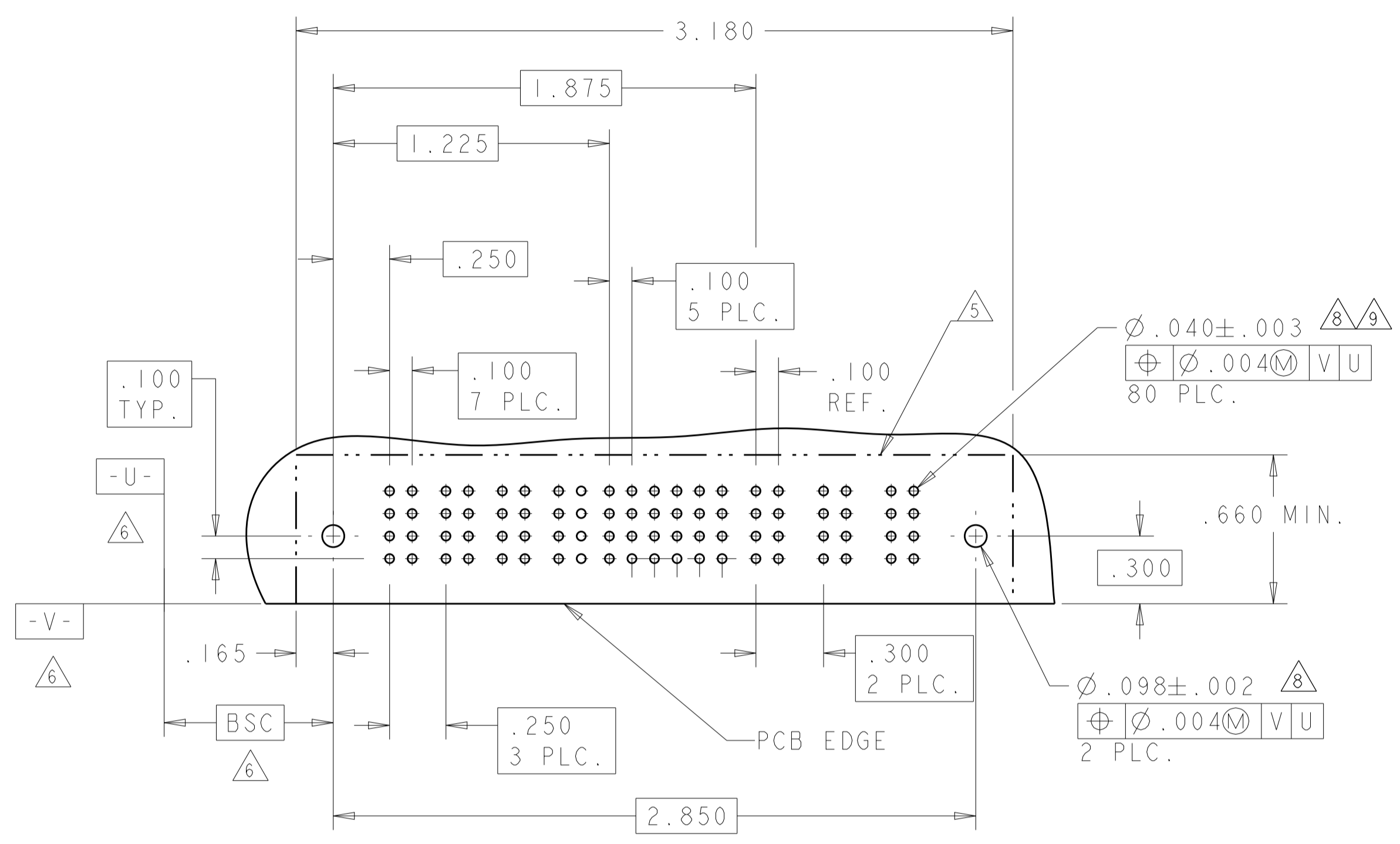
RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL

Customer Drawing

SCALE 4:1 SHEET 3 OF 28 REV M2

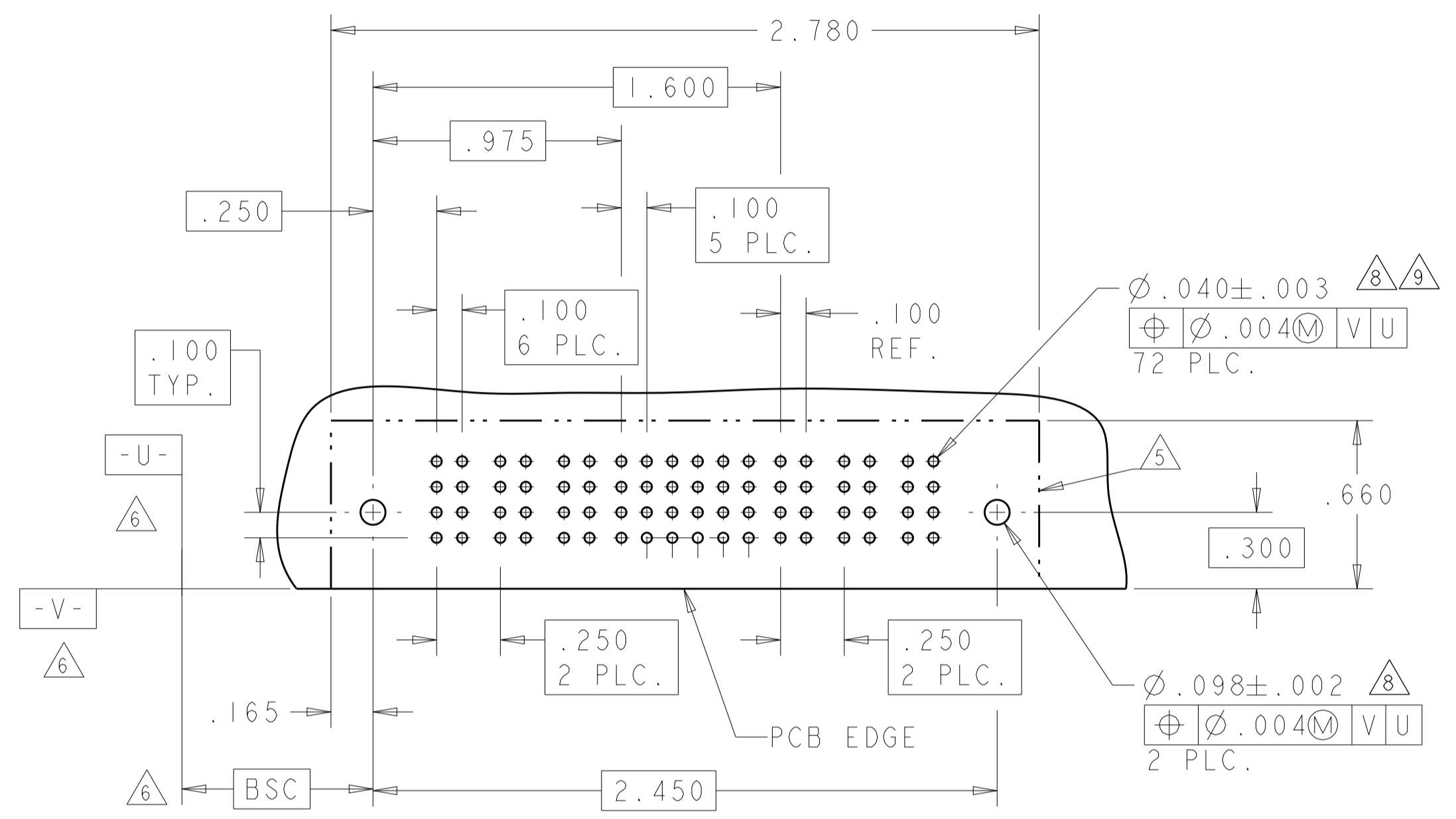
LOC	DIST	REV	DATE	BY	APPV
ES	00				

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



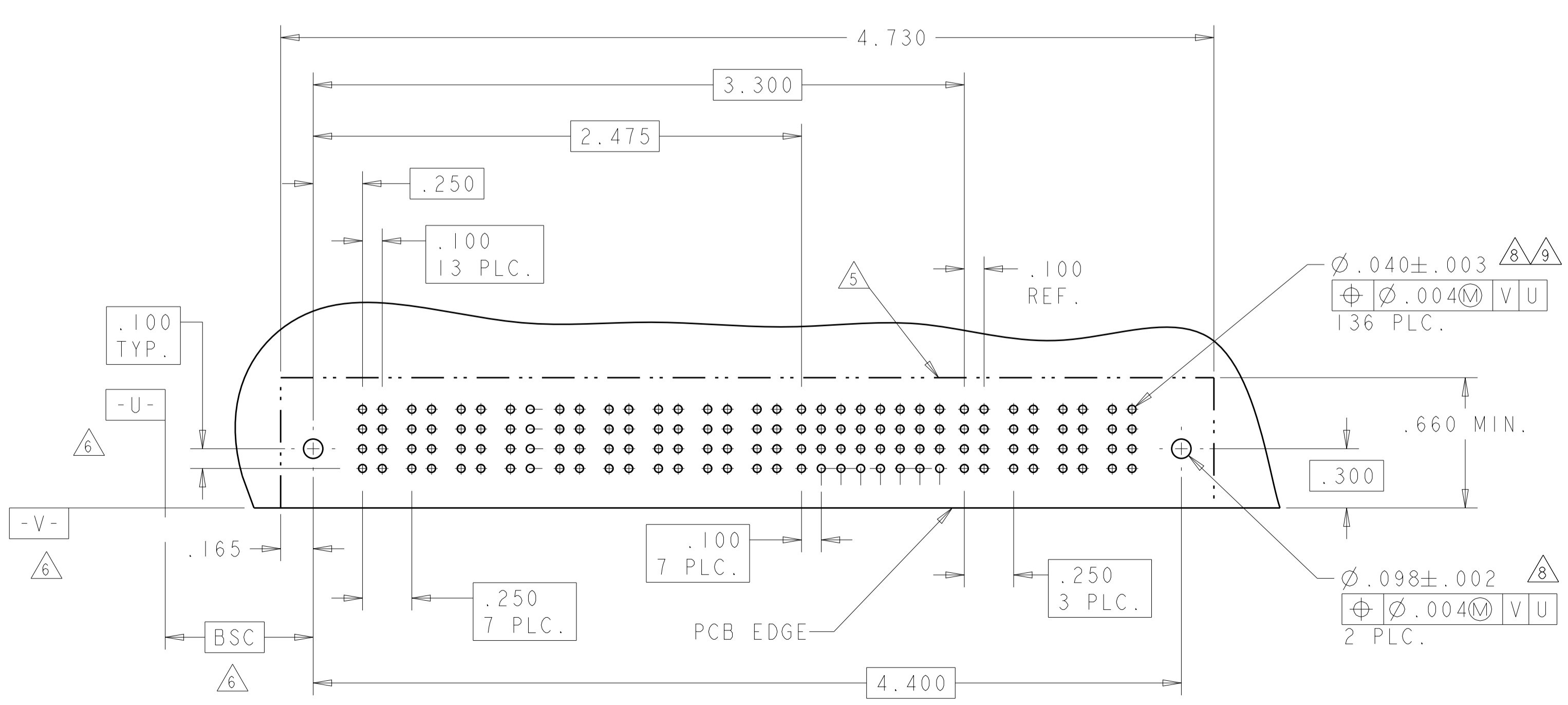
LOC	DIST	REV	DATE	APP'D
ES	00			

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

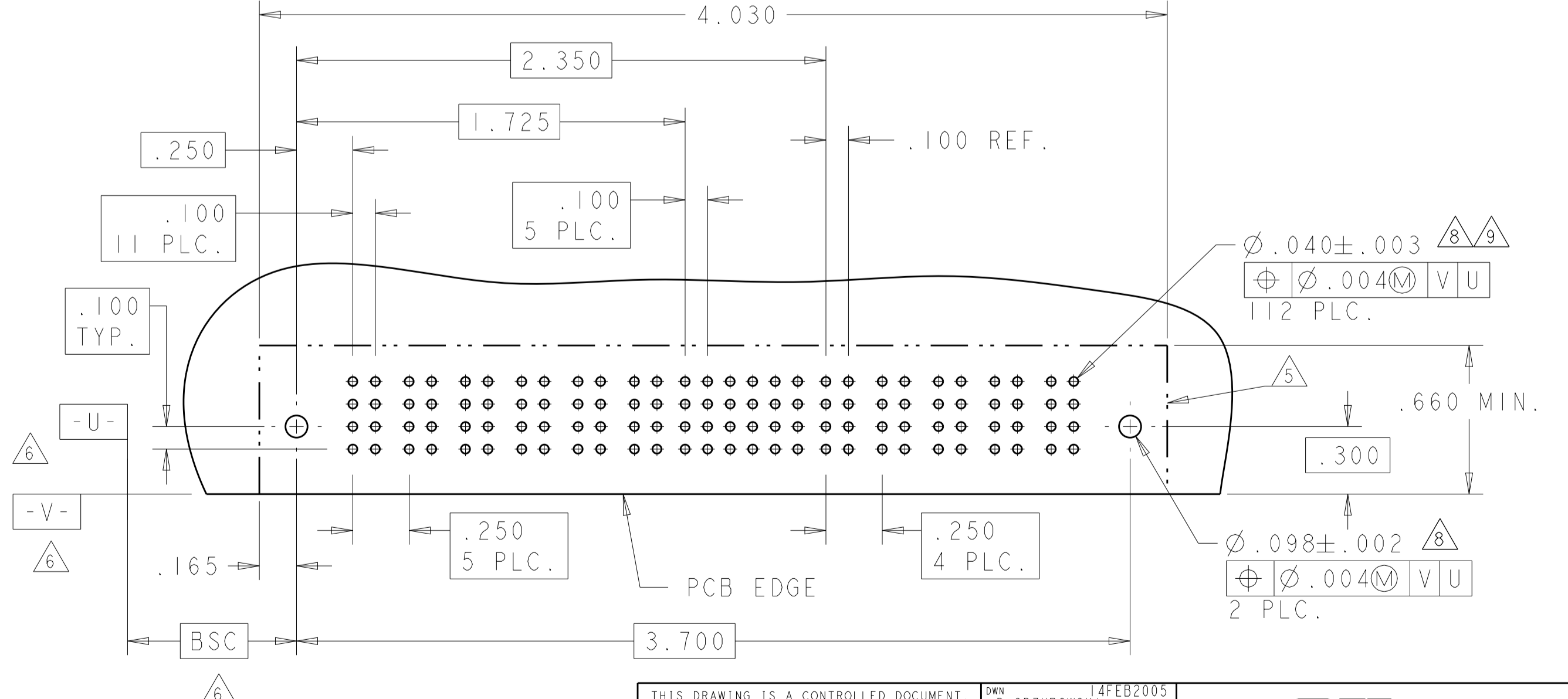


NO CONTACT LOADED

PART NUMBER	ROWS	POWER									SIGNAL								POWER					
		P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	7	8	P10	P11	P12	P13		
6450130-5	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	PM	PM	PM	PM	HD	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	1	2	3	4	5	6	P7	P8	P9	P10	P11		
6450130-7	D C B A	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	HD	HD
								K	K	F	K	K	K							
								N	N	N	N	N	G							
								S	S	H	S	S	S							
6P + 24S + 5P																				



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI 14FEB2005  
 CHK: M. PERCHERKE 14FEB2005  
 APVD: M. PERCHERKE 14FEB2005

STE TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL

SIZE: 108-1973  
 APPLICATION SPEC: 114-13038  
 WEIGHT: A100779C=6450130

Customer Drawing SCALE: 4:1 SHEET 4 OF 28 REV: M2

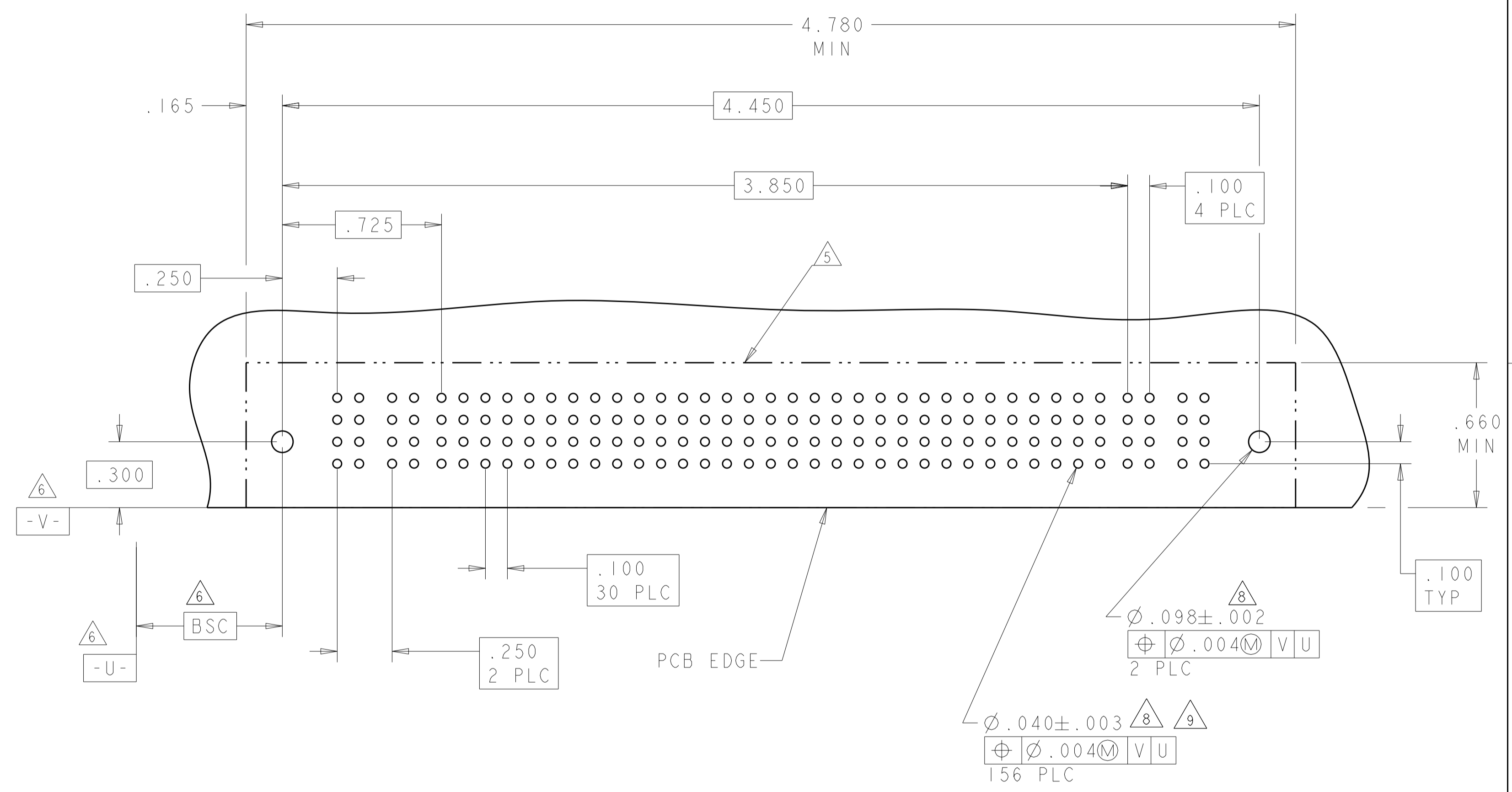
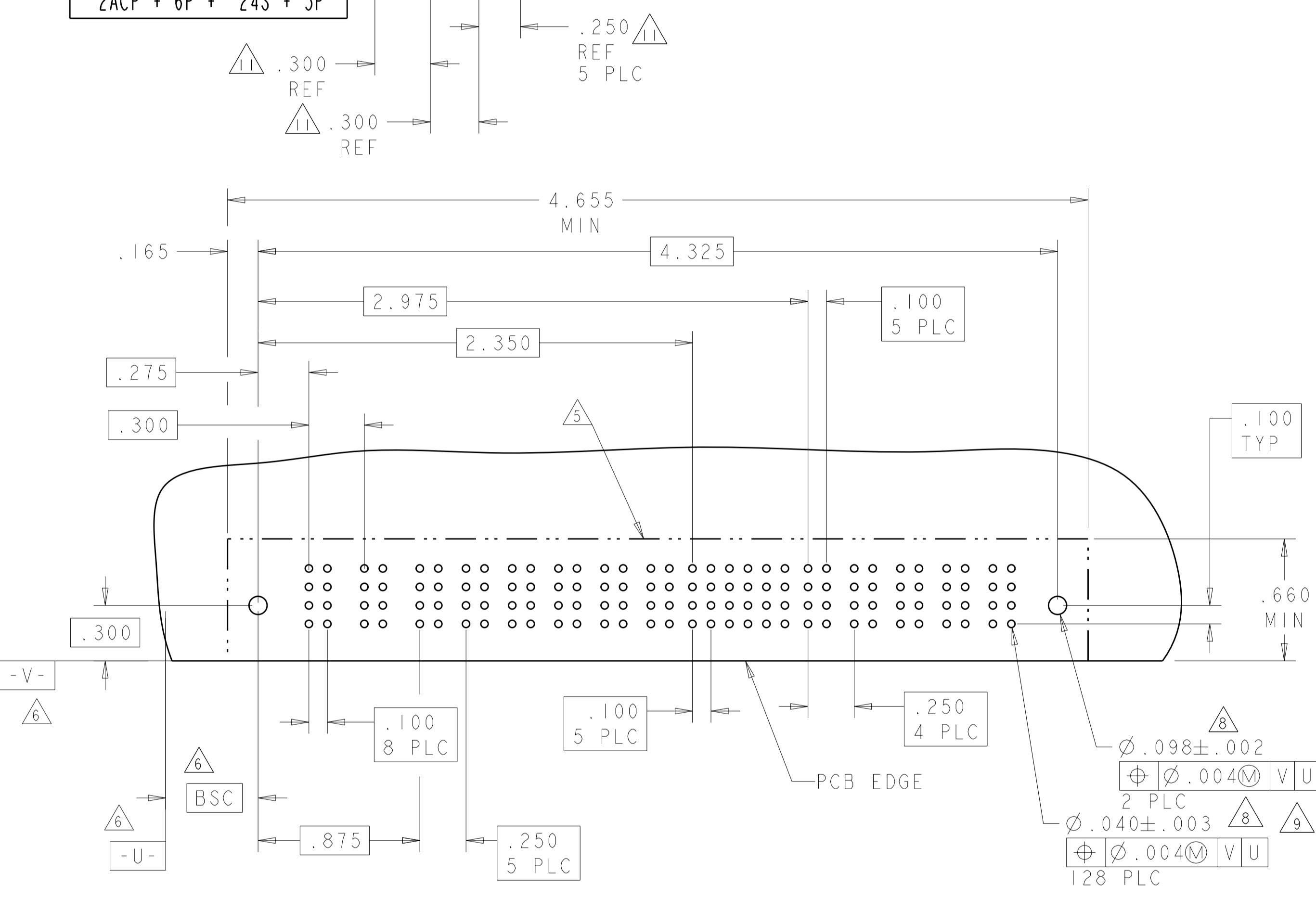




LOC	DIST	REVISIONS					
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1			

PART NUMBER	ROWS	POWER							SIGNAL						POWER				
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	P9	P10	P11	P12
I-6450130-8	D	PM	PM	PM	PM	PM	PM	PM	E	J	J	J	J	E	PM	PM	PM	PM	PM
	K								K	F	K	K	K						
	N								N	N	G	N	N						
	H								S	S	S	S	H						
C	A	PM	PM	PM	PM	PM	PM							PM	PM	PM	PM	PM	
B																			
A																			

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							
I-6450130-9	D	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	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	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	A2	A2			R	A2			
	A			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	A1	A1		
C	A	PA	PA																																			PA	PA				
B																																											
A																																											



THIS DRAWING IS A CONTROLLED DOCUMENT.

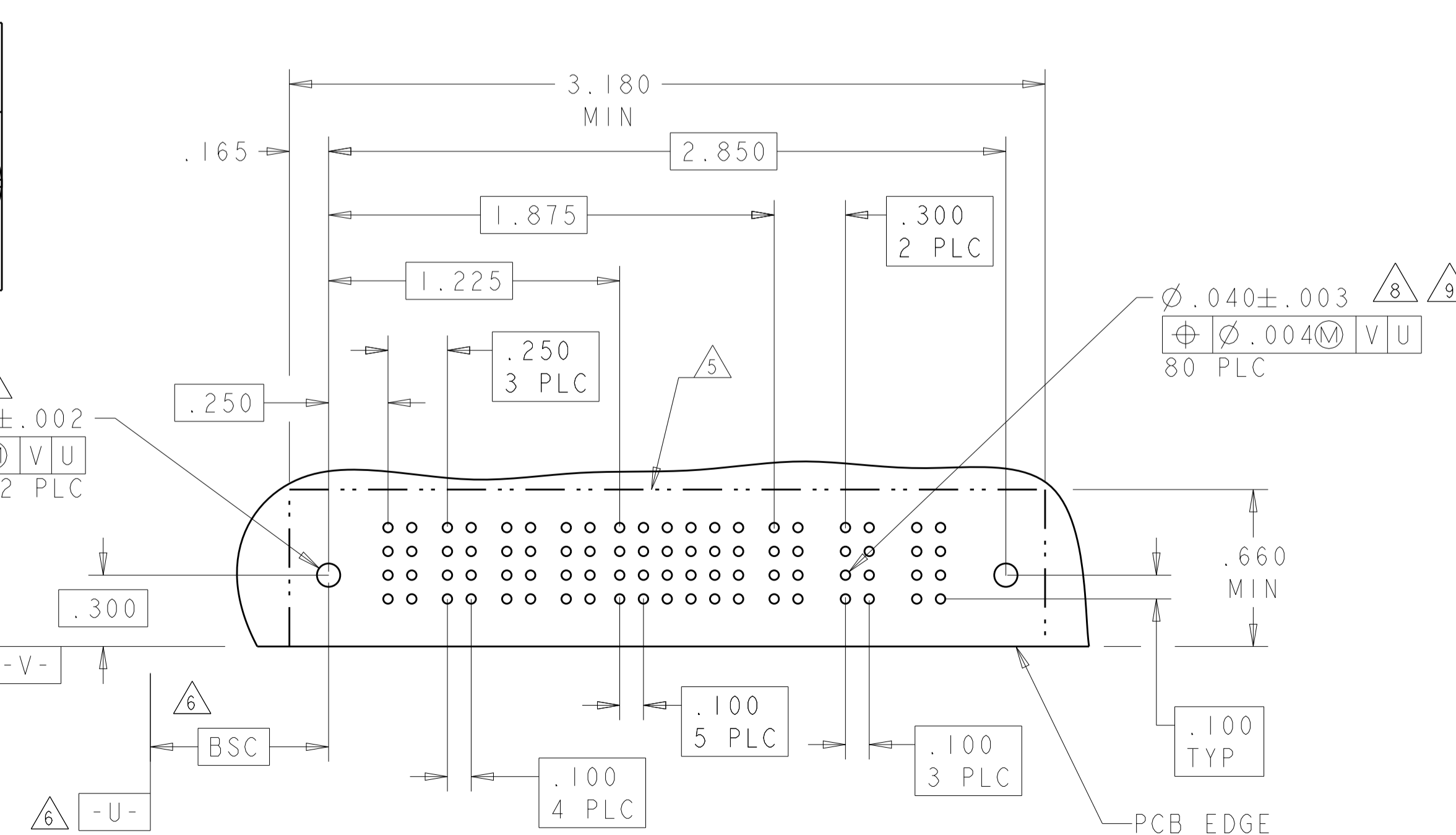
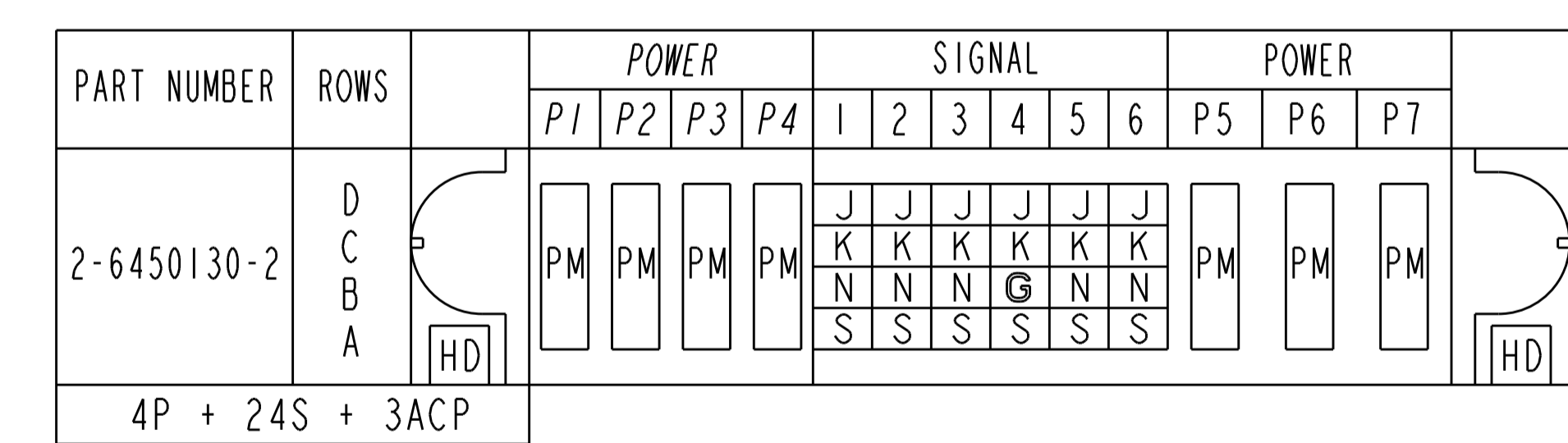
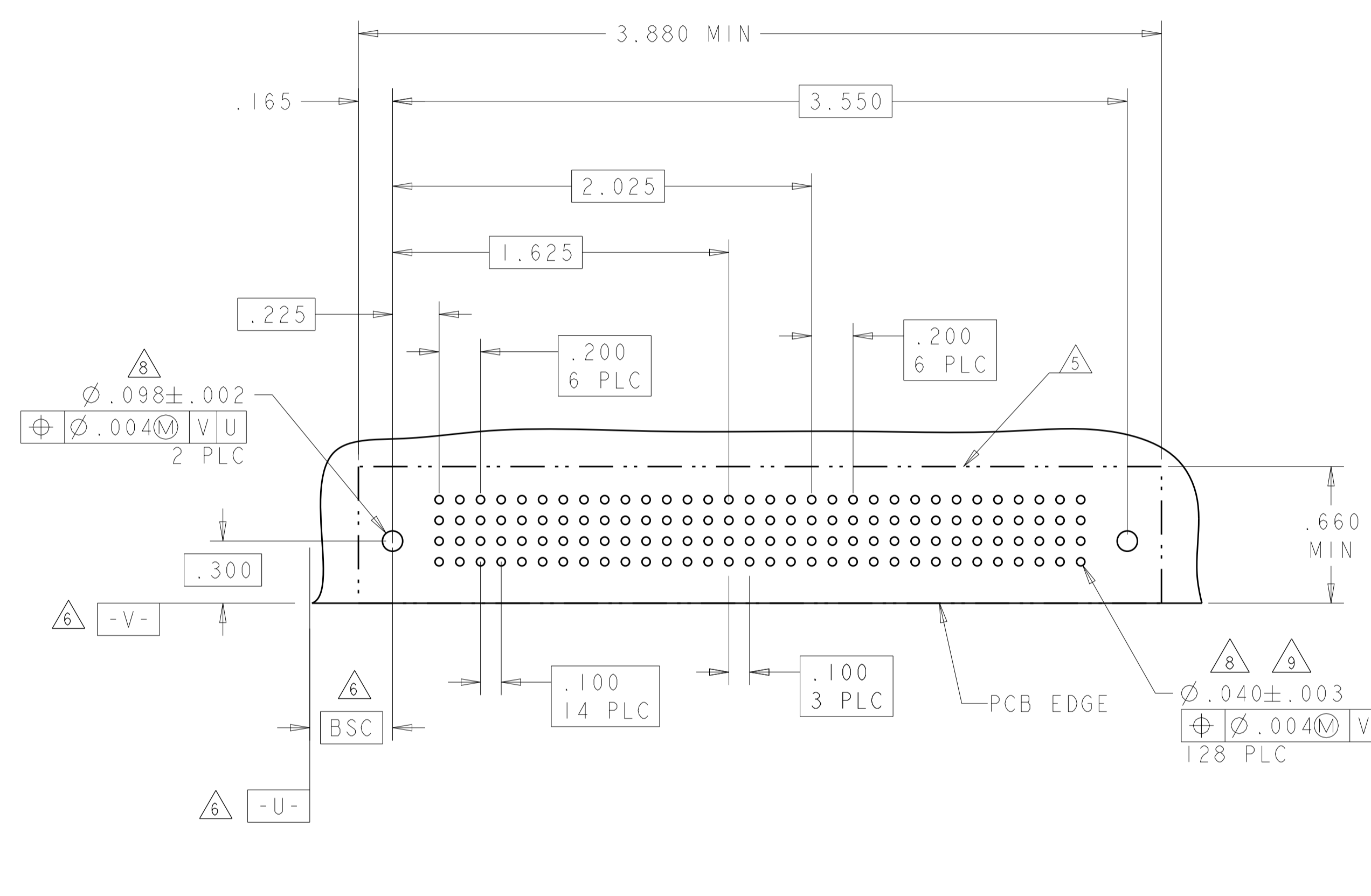
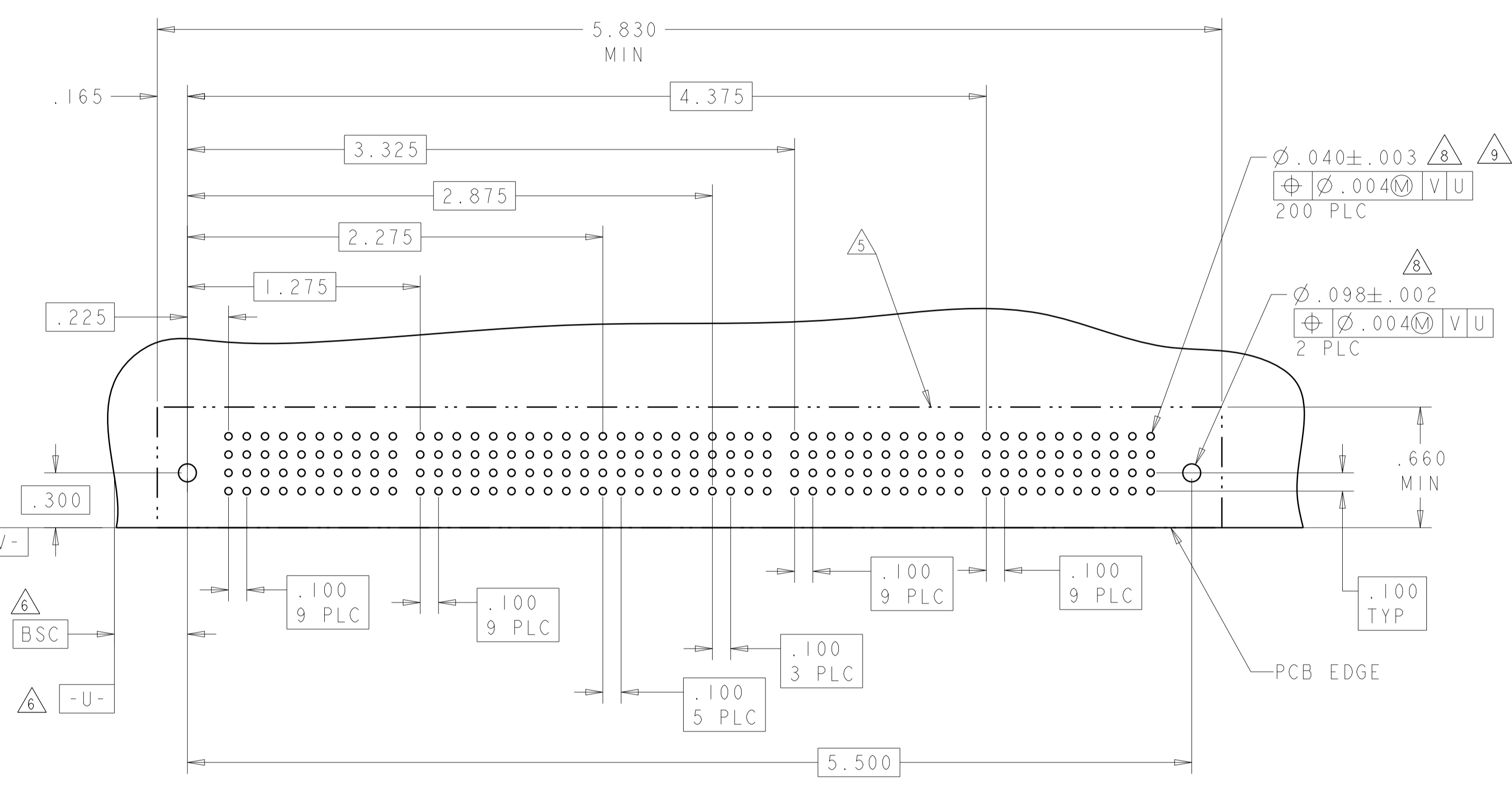
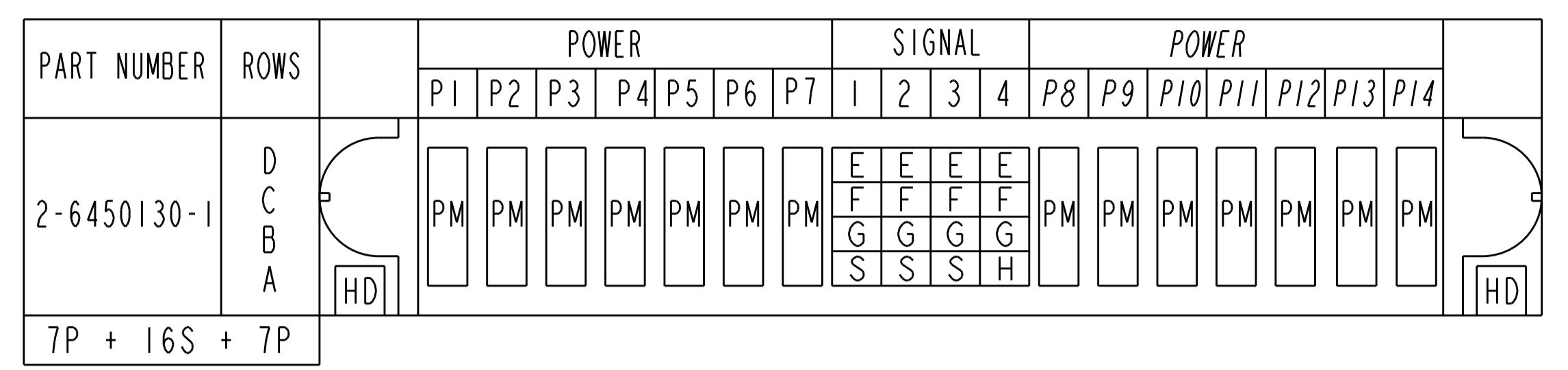
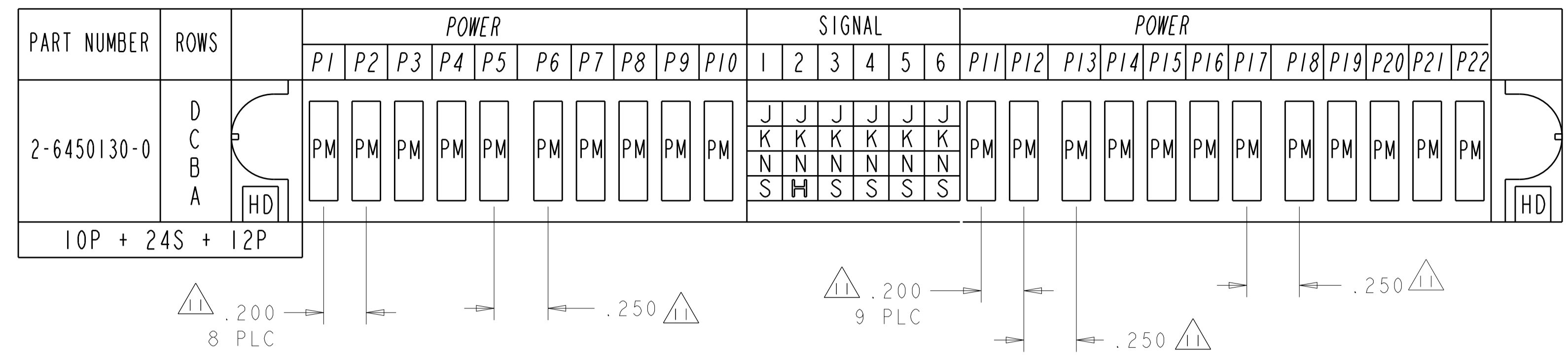
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INCHES	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	WEIGHT: -
MATERIAL: -	FINISH: -	SIZE: A1	CAGE CODE: 00779	DRAWING NO: 6450130
		Customer Drawing		SCALE: 4:1

RESTRICTED TO: -

Customer Drawing

SCALE: 4:1 SHEET 7 OF 28 REV: M2

LOC	DIST	REV	DATE	BY	APPV
ES	00				
REVISIONS			DESCRIPTION	DATE	DWN
			SEE SHEET 1		

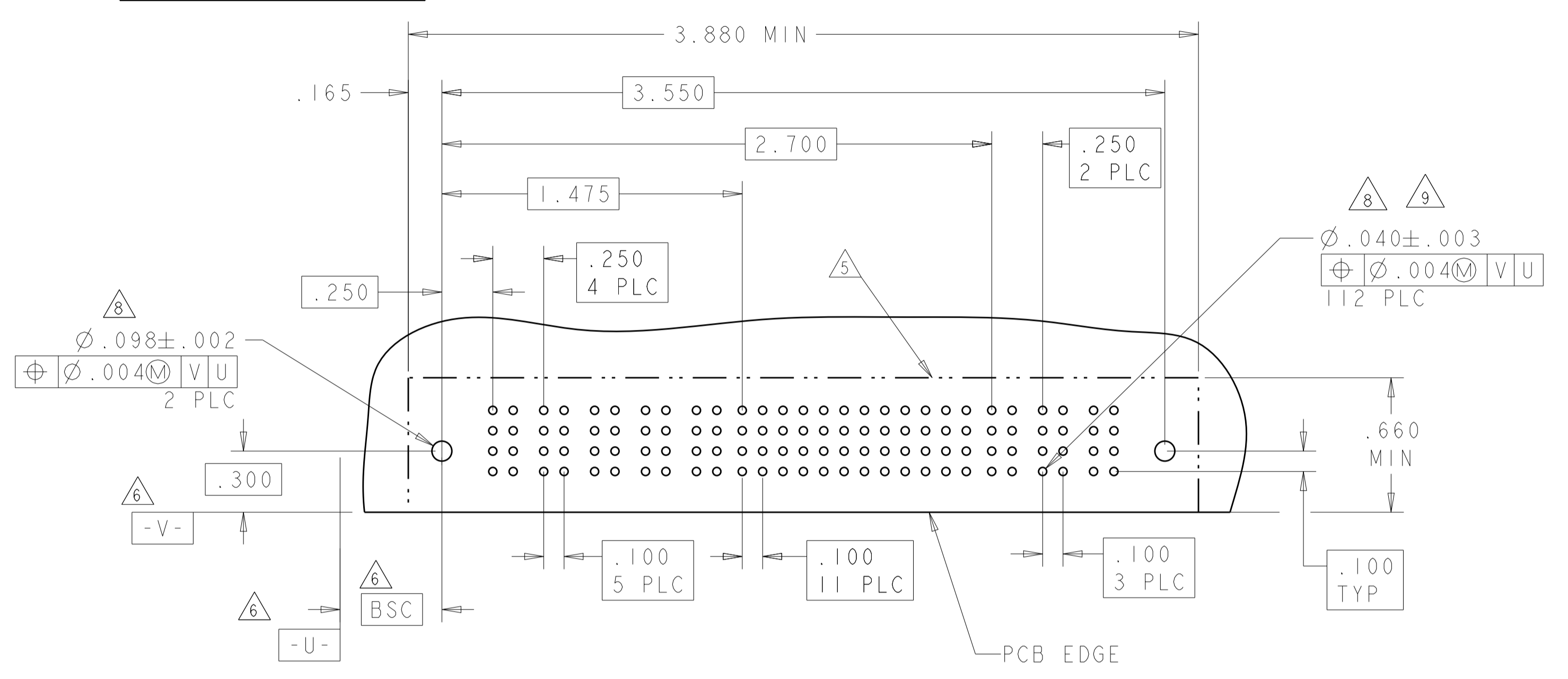
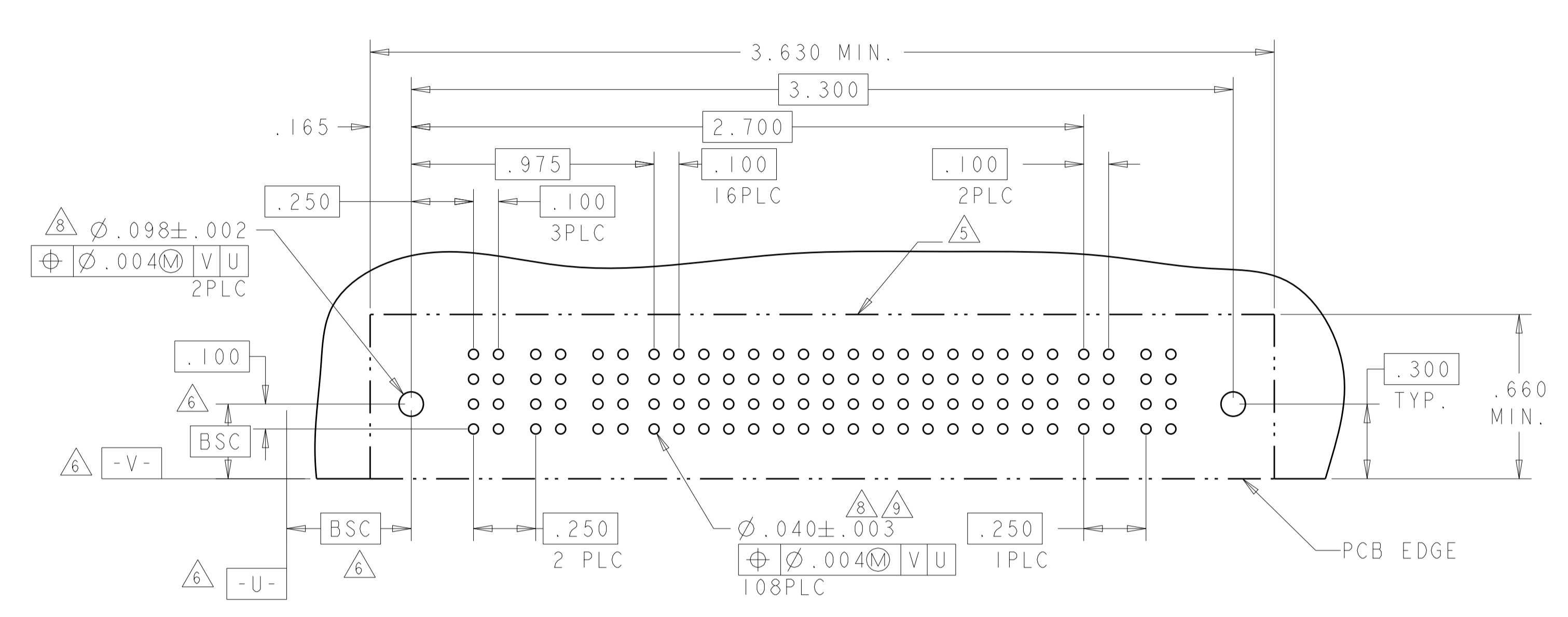


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 14FEB2005	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
0 PLC ±.01		PRODUCT SPEC	SIZE: CAGE CODE DRAWING NO
1 PLC ±.01		APPLICATION SPEC	RESTRICTED TO
2 PLC ±.01		108-1973	
3 PLC ±.005		114-13038	
4 PLC ±.002		WEIGHT	
ANGLES ±.020		Customer Drawing	
FINISH		SCALE: 4:1	SHEET 8 OF 28
MATERIAL		REV: M2	



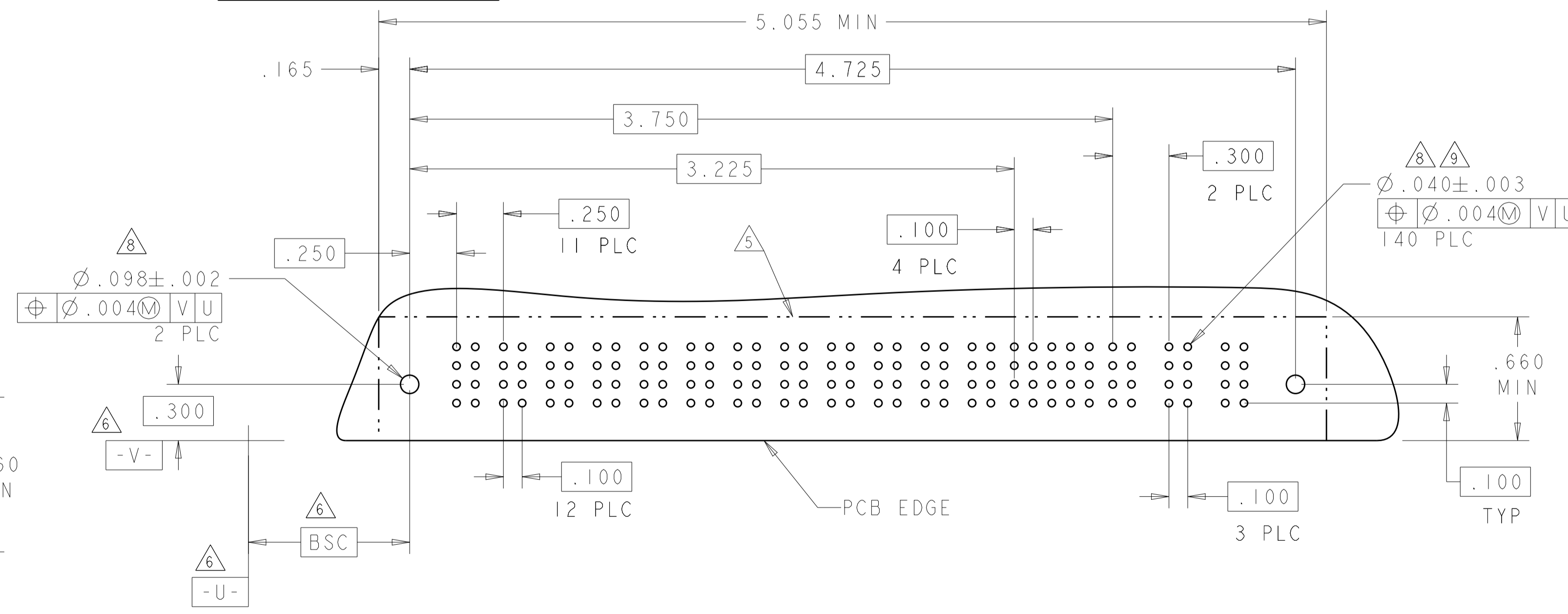
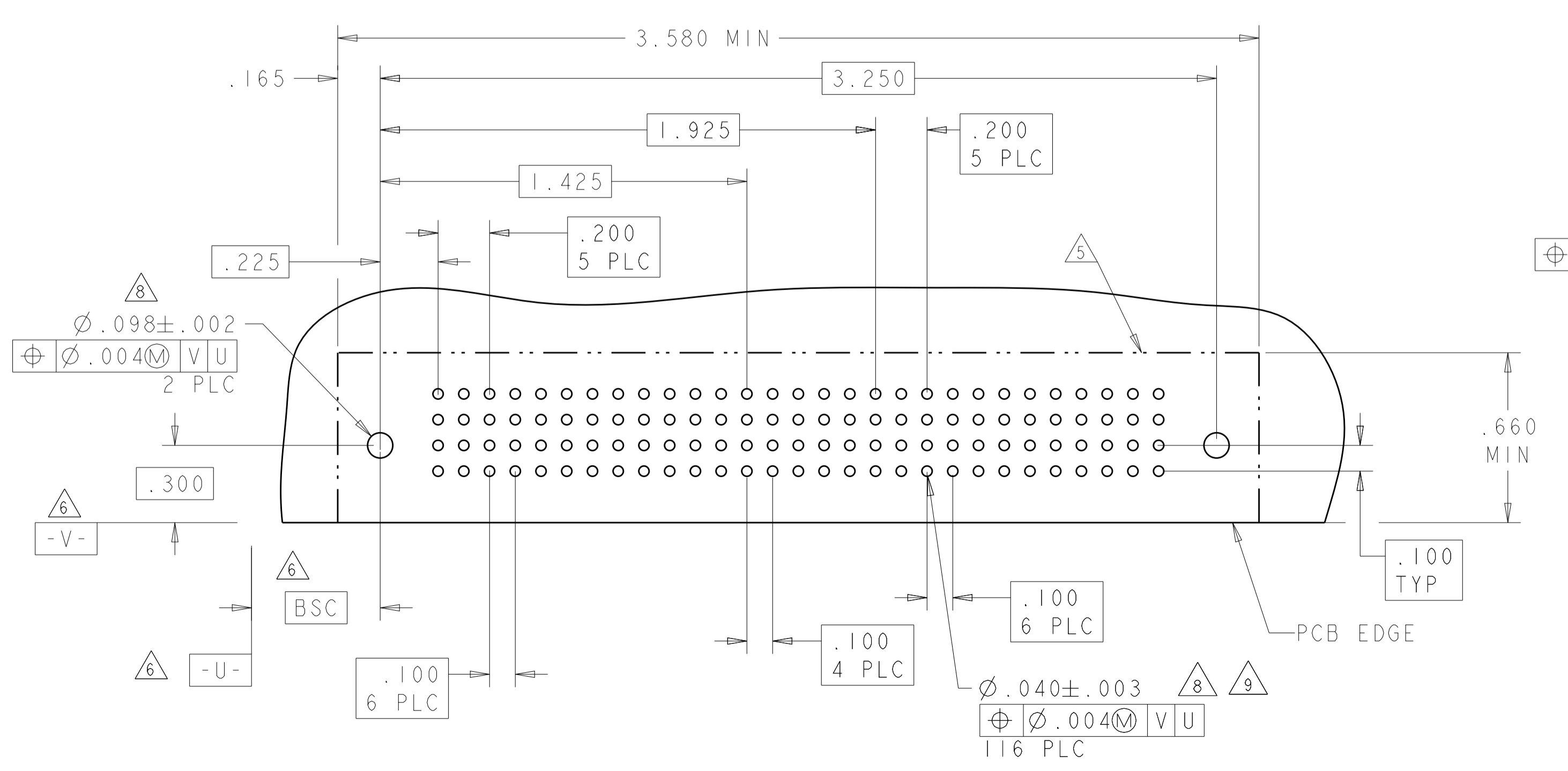
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2-6450130-8	D	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	
	C				K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K			PM
	B				N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N			
A	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	HD					
3P + 68S + 2P																										

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	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	PM		
	C						K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K				K	PM
	B						N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				N	
A	H	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	H	HD							
5P + 48S + 3P																													



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

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	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							
	C																										E	E	J	J	J	PM	
	B																										K	K	F	K	K		PM
	A																										N	N	N	N	N		
12P + 20S + 3ACP																																	

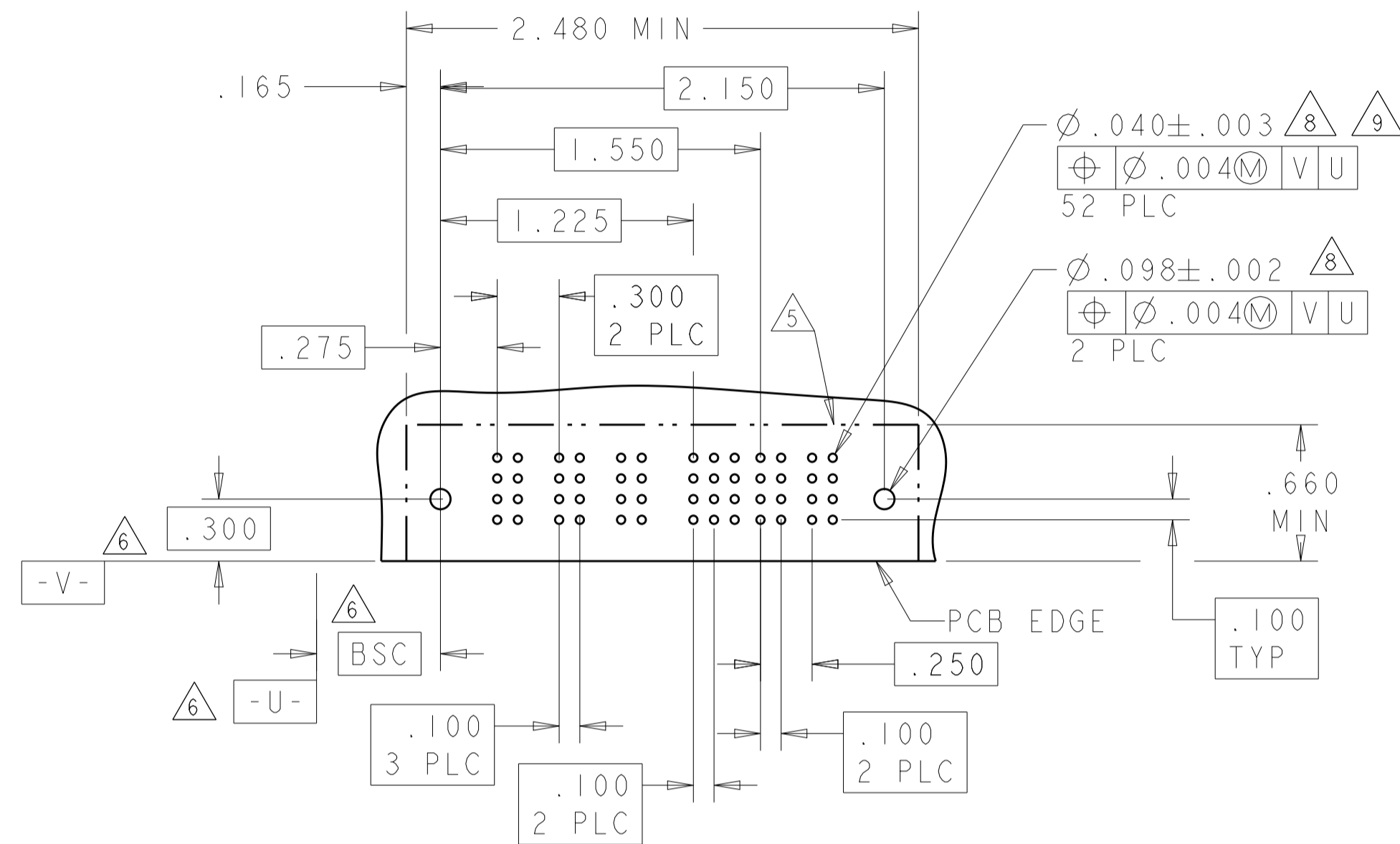


THIS DRAWING IS A CONTROLLED DOCUMENT.

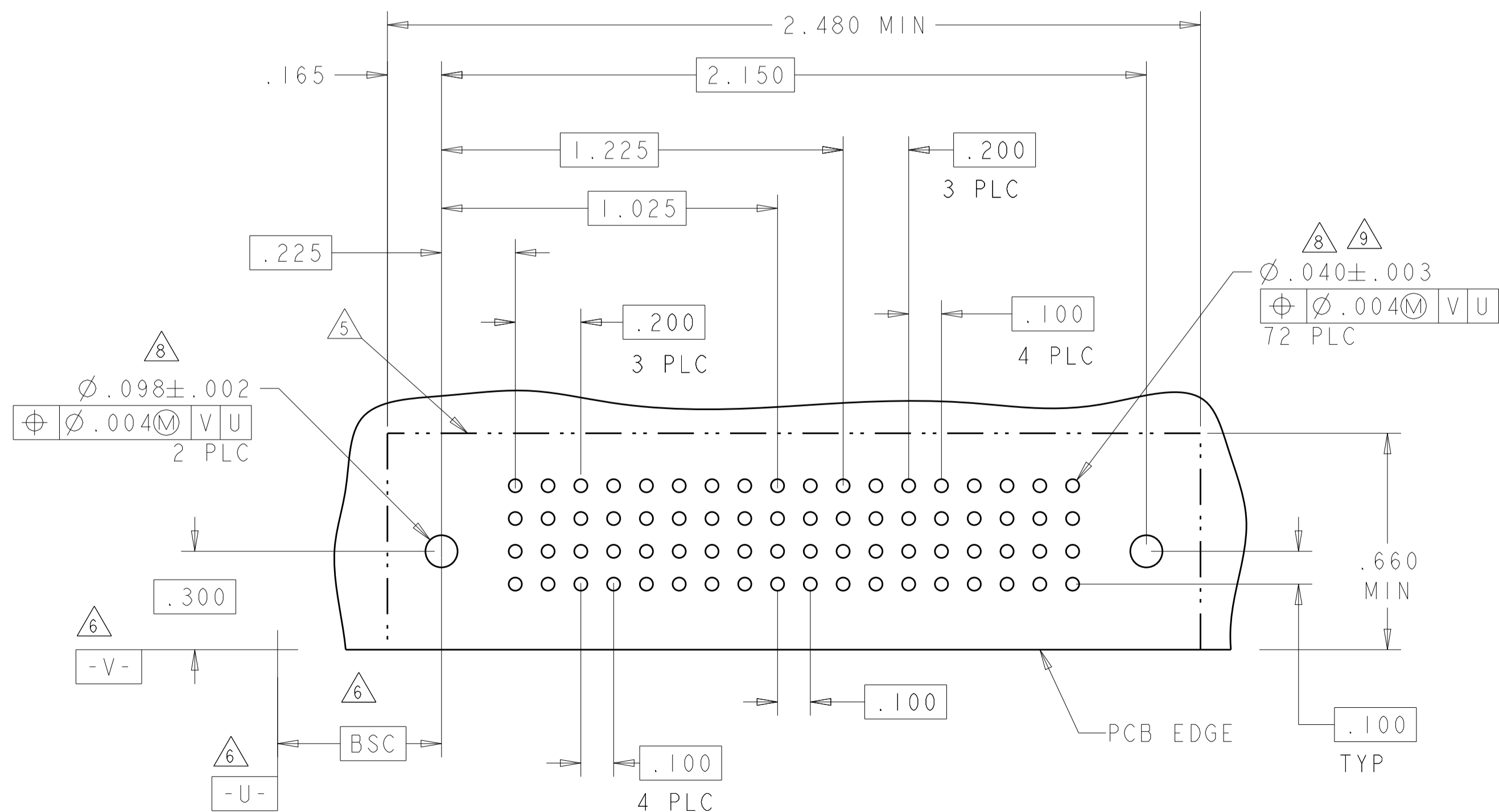
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INCHES:	0 PLC ± .010 1 PLC ± .008 2 PLC ± .007 3 PLC ± .006 4 PLC ± .005 ANGLES ± .0020	CHK: R.GRZYBOWSKI APVD: M.PERCHEKKE PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038	SIZE: CAGE CODE DRAWING NO: 100779C=6450130
MATERIAL:	FINISH:	WEIGHT:	RESTRICTED TO: Customer Drawing
SCALE: 4:1		SHEET 9 OF 28 REV M2	

PART NUMBER	ROWS	POWER			SIGNAL				POWER	
		P1	P2	P3	1	2	3	4	P4	P5
3-6450130-9	D C B A	PM	PM	PM	J	J	J	PM	PM	HD
					K	K	K			
					N	N	N			
					S	S	H			
3ACP + 16S + 2P										

CONTACTS NOT LOADED



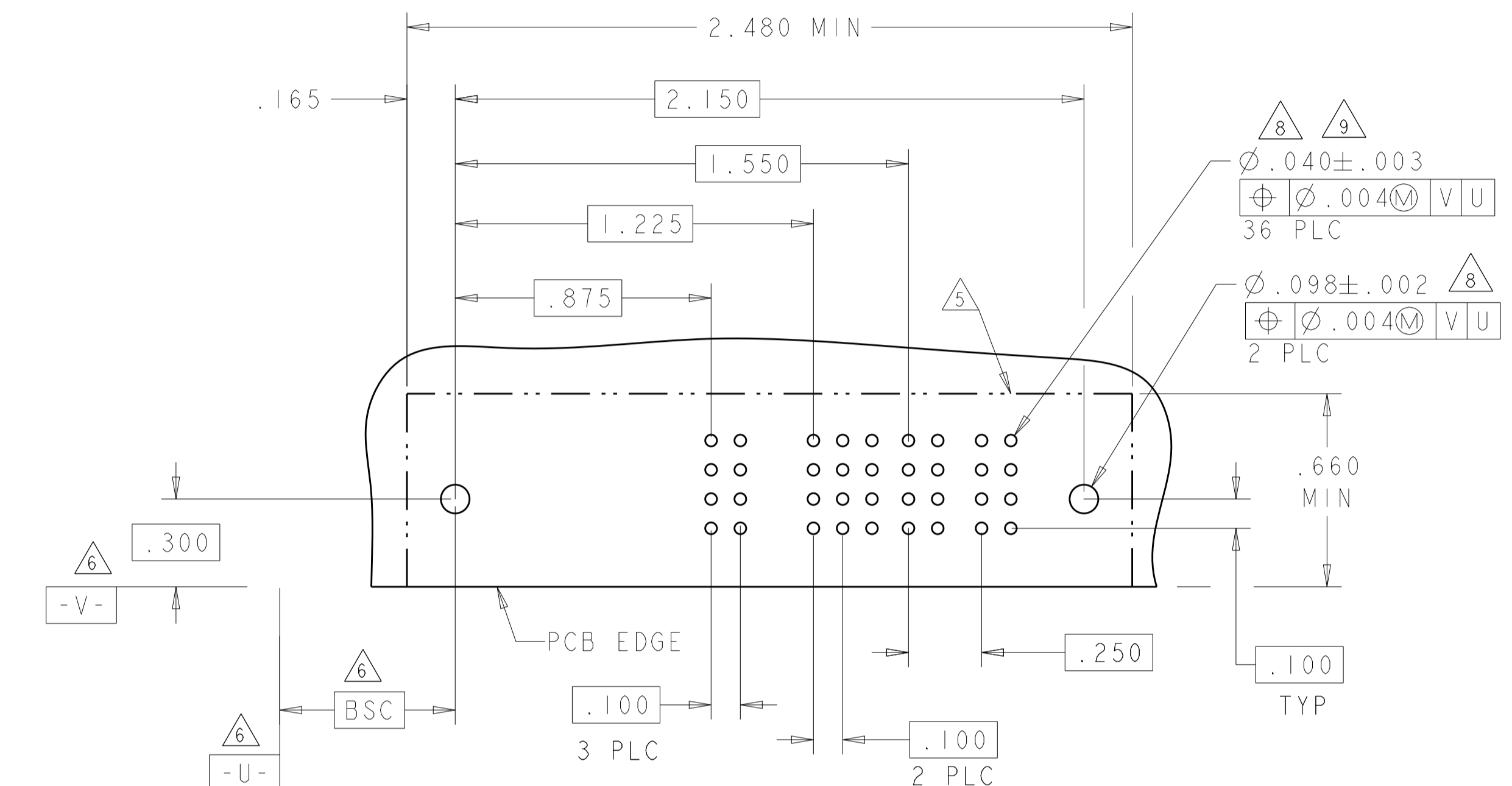
PART NUMBER	ROWS	POWER				SIGNAL				POWER			
		P1	P2	P3	P4	1	2	P5	P6	P7	P8		
4-6450130-0	D C B A	PA	PA	PA	PA	Z	Z	PA	PA	PA	PA	HD	
						Y	Y						
						R	R						
						O	O						
4P + 8S + 4P													



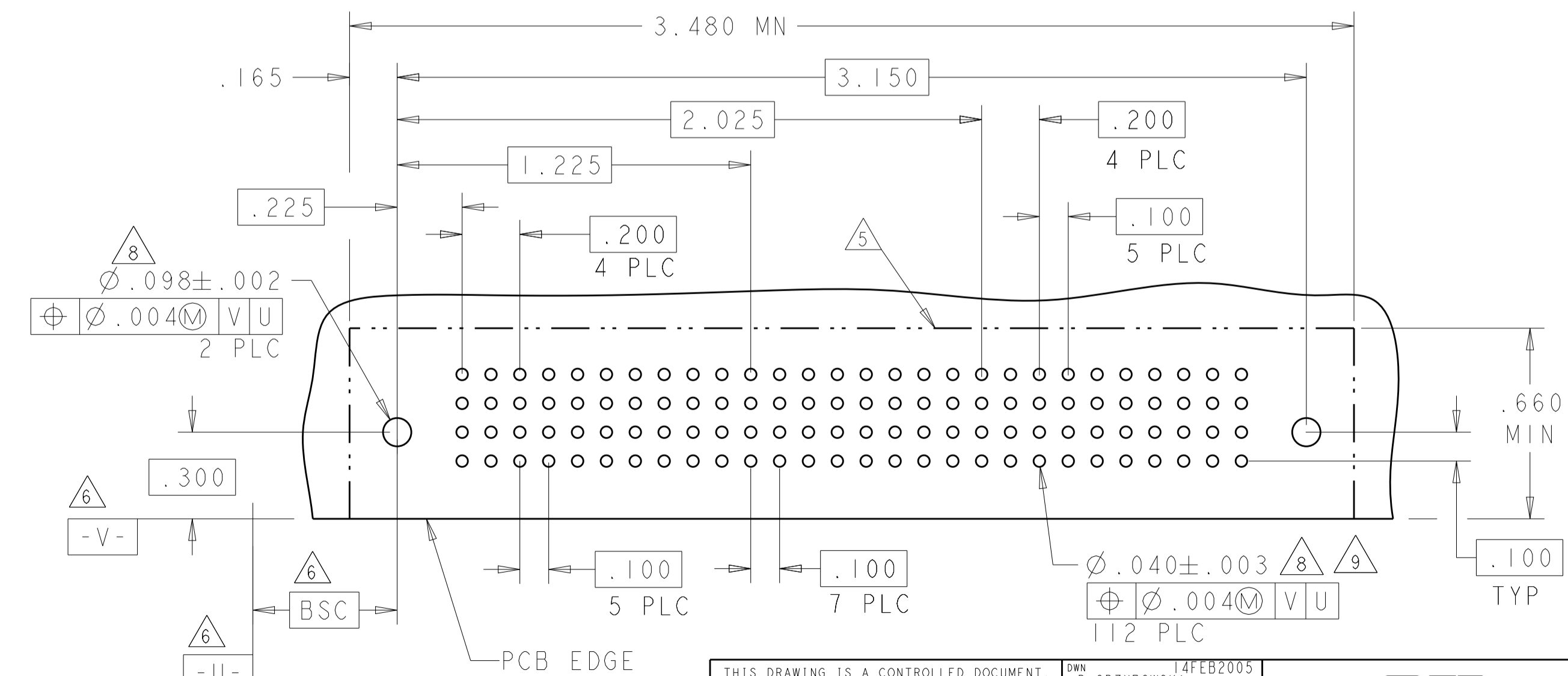
LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS		DATE	BY	APPV
1	SEE SHEET 1			

PART NUMBER	ROWS	POWER			SIGNAL				POWER	
		P1	P2	P3	1	2	3	4	P4	P5
4-6450130-3	D C B A	PM	PM	PM	J	J	J	PM	PM	HD
					K	K	K			
					N	N	N			
					S	S	H			
3ACP + 16S + 2P										

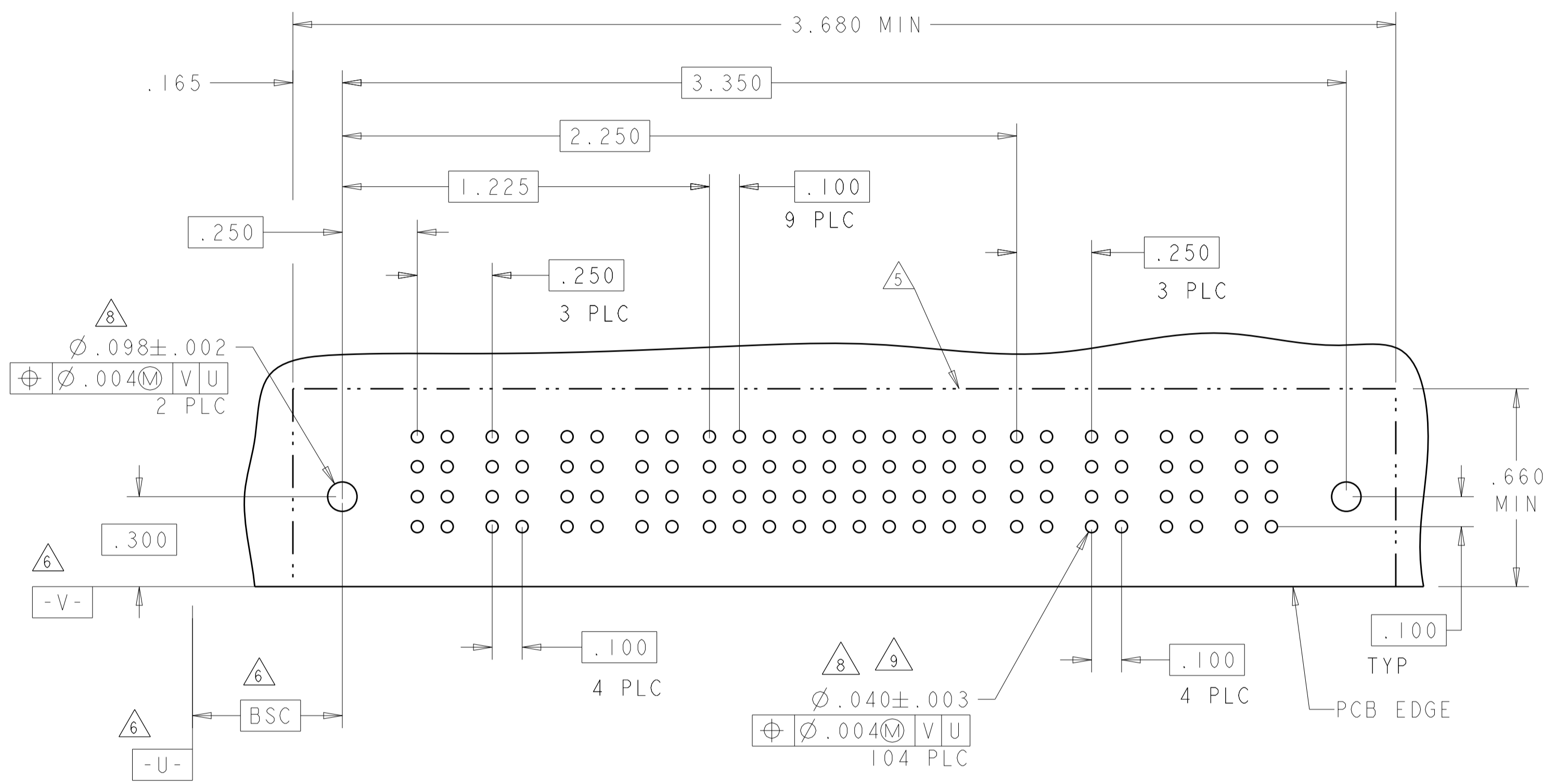


PART NUMBER	ROWS	POWER					SIGNAL								POWER					
		P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	P6	P7	P8	P9	P10	
4-6450130-5	D C B A	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	HD
							K	K	K	K	K	K	K	K						
							N	N	N	N	N	N	N	N						
							H	H	H	H	H	H	H	H						
5P + 32S + 5P																				

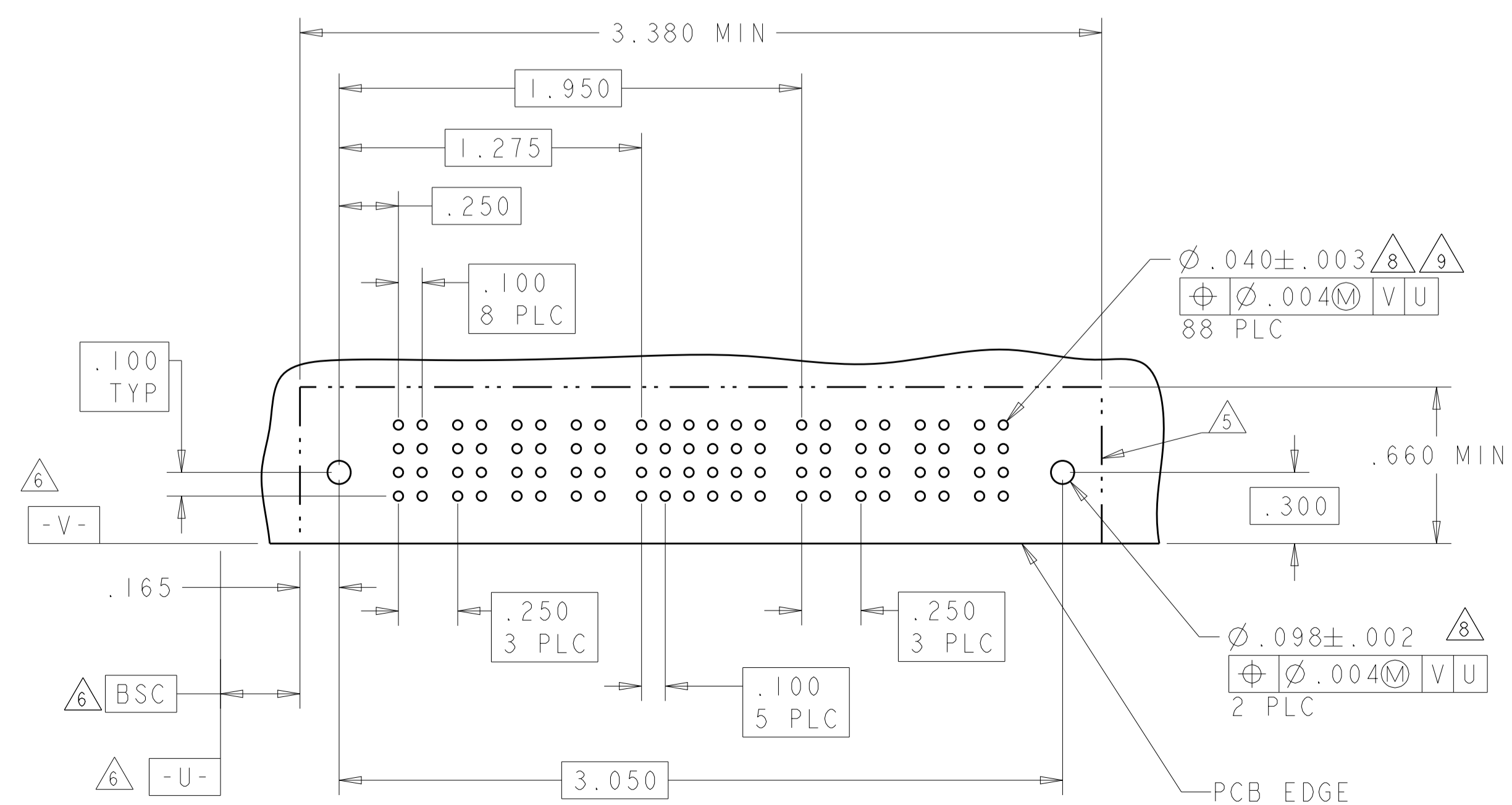


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 14FEB2005		TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005		RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE 14FEB2005	NAME	
0 PLC ±.01		PRODUCT SPEC	SIZE	
1 PLC ±.01		APPLICATION SPEC	CAGE CODE	
2 PLC ±.005		108-1973	DRAWING NO	
3 PLC ±.002		114-13038	REV	
4 PLC ±.002		WEIGHT	SCALE	
ANGLES ±.002		Customer Drawing	4:1	
		Customer Drawing	SHEET 10 OF 28	

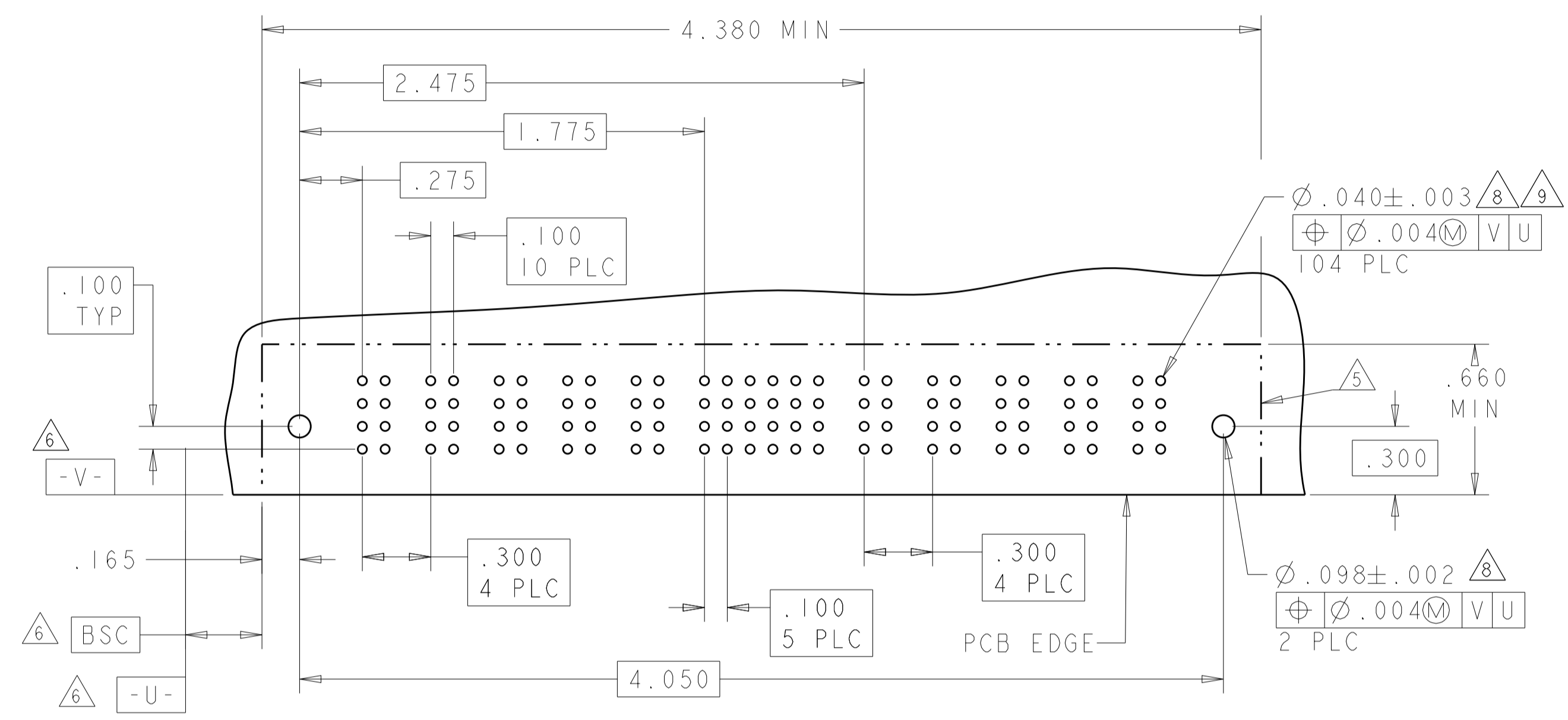
PART NUMBER	ROWS	POWER				SIGNAL										POWER						
		P1	P2	P3	P4	1	2	3	4	5	6	7	8	9	10	P5	P6	P7	P8			
4-6450130-8	D C B A	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	
						K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
						N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4P + 40S + 4P		HD		HD		HD		HD		HD		HD		HD		HD		HD				



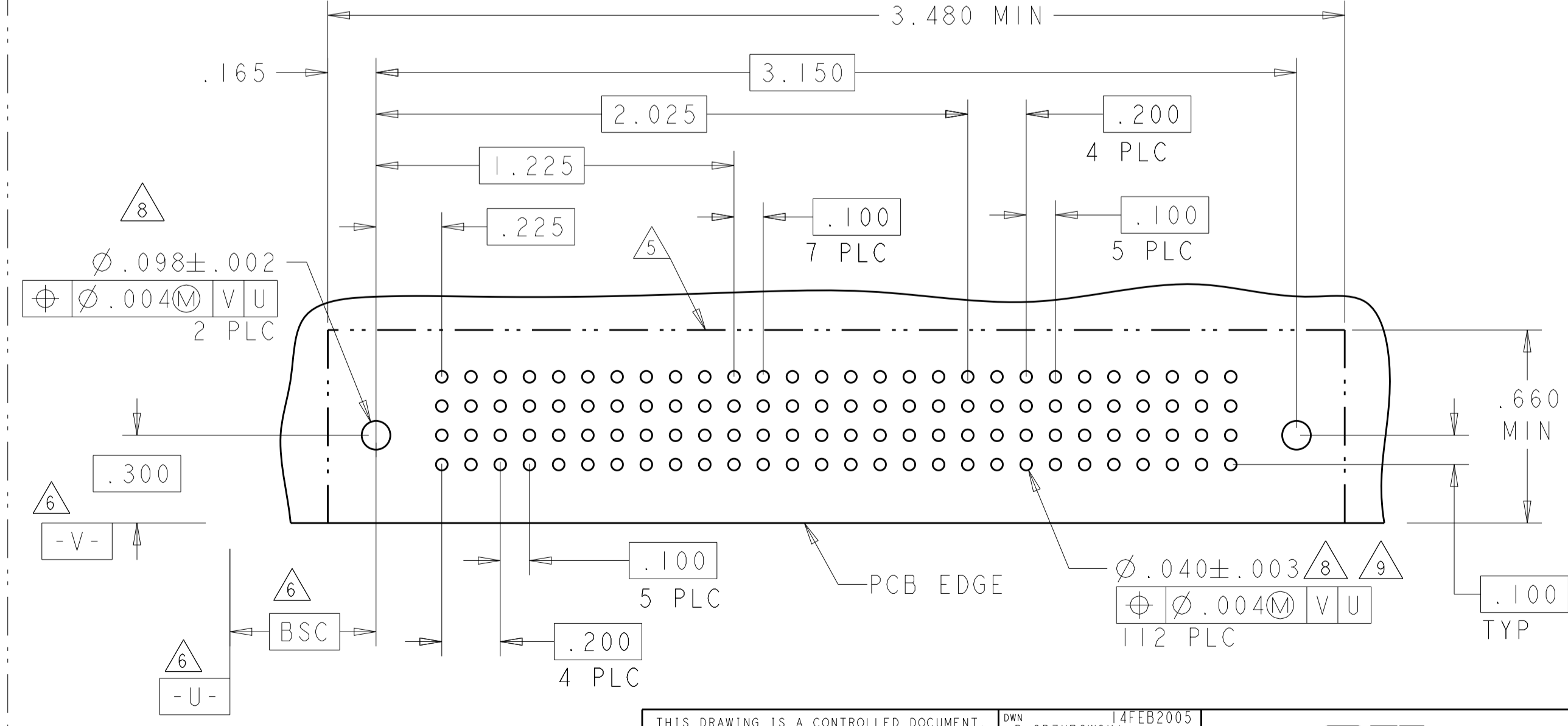
PART NUMBER	ROWS	POWER				SIGNAL										POWER					
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8						
4-6450130-9	D C B A	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	
						K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
						N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4P + 24S + 4P		HD		HD		HD		HD		HD		HD		HD		HD		HD			



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	PM	PM	PM	PM	PM	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
							N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5ACP + 24S + 5ACP		HD		HD		HD		HD		HD		HD		HD		HD		HD			



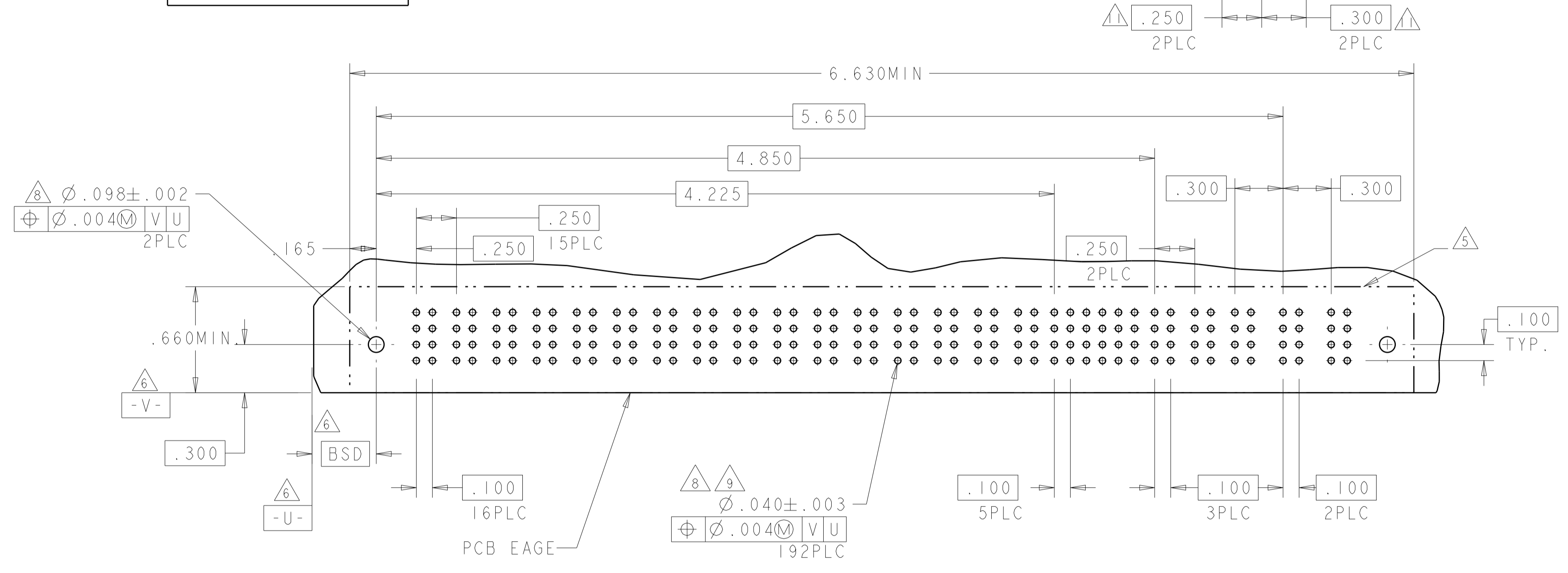
PART NUMBER	ROWS	POWER					SIGNAL										POWER					
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5-6450130-5	D C B A	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J		
							K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
							N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5P + 32S + 5P		HD		HD		HD		HD		HD		HD		HD		HD		HD				



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 14FEB2005		TE Connectivity																									
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:																											
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±.01</td></tr> <tr><td>2 PLC</td><td>±.01</td></tr> <tr><td>3 PLC</td><td>±.005</td></tr> <tr><td>4 PLC</td><td>±.002</td></tr> <tr><td>ANGLES</td><td>±.0020</td></tr> </table>		0 PLC	±	1 PLC	±.01	2 PLC	±.01	3 PLC	±.005	4 PLC	±.002	ANGLES	±.0020	<table border="1"> <tr><td>PRODUCT SPEC</td><td>108-1973</td></tr> <tr><td>APPLICATION SPEC</td><td>114-13038</td></tr> <tr><td>WEIGHT</td><td></td></tr> </table>		PRODUCT SPEC	108-1973	APPLICATION SPEC	114-13038	WEIGHT		<table border="1"> <tr><td>NAME</td><td>RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL</td></tr> <tr><td>SIZE</td><td>CAGE CODE DRAWING NO</td></tr> <tr><td>SCALE</td><td>4:1</td></tr> </table>		NAME	RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	SIZE	CAGE CODE DRAWING NO	SCALE	4:1
0 PLC	±																												
1 PLC	±.01																												
2 PLC	±.01																												
3 PLC	±.005																												
4 PLC	±.002																												
ANGLES	±.0020																												
PRODUCT SPEC	108-1973																												
APPLICATION SPEC	114-13038																												
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NAME	RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL																												
SIZE	CAGE CODE DRAWING NO																												
SCALE	4:1																												
MATERIAL: .		FINISH: .		<table border="1"> <tr><td>REV</td><td>DATE</td><td>BY</td><td>APPV</td></tr> <tr><td>1</td><td>14FEB2005</td><td>M. PERCHERKE</td><td></td></tr> <tr><td>2</td><td>14FEB2005</td><td>M. PERCHERKE</td><td></td></tr> </table>		REV	DATE	BY	APPV	1	14FEB2005	M. PERCHERKE		2	14FEB2005	M. PERCHERKE													
REV	DATE	BY	APPV																										
1	14FEB2005	M. PERCHERKE																											
2	14FEB2005	M. PERCHERKE																											
Customer Drawing		A100779		<table border="1"> <tr><td>SHEET</td><td>11</td><td>OF</td><td>28</td></tr> <tr><td>REV</td><td>M2</td><td></td><td></td></tr> </table>		SHEET	11	OF	28	REV	M2																		
SHEET	11	OF	28																										
REV	M2																												

PART NUMBER	ROWS	POWER																SIGNAL						POWER					
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	1	2	3	4	5	6	P17	P18	P19	P20	P21	
7-6450130-4	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	E	J	J	J	J	J	PM	PM	PM	PM	PM		
																	K	K	K	K	K	K							
																	N	N	N	N	N	N							
		HD																											

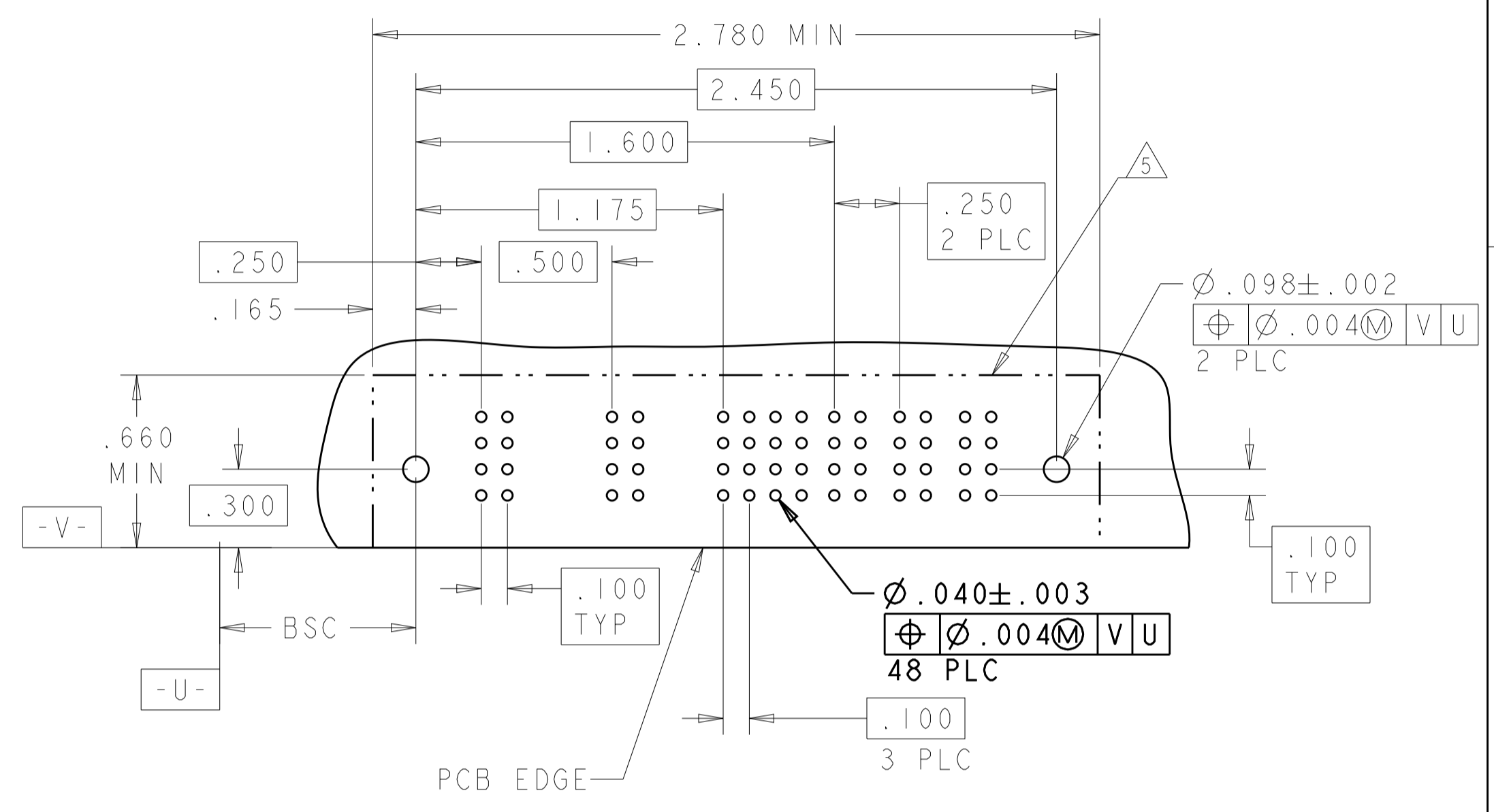
16P + 24S + 2P + 3ACP



PART NUMBER	ROWS	POWER			SIGNAL						POWER			
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7-6450130-5	D C B A	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	
					K	K	K	K	K	K				
					N	N	N	N	N	N				
		HD												

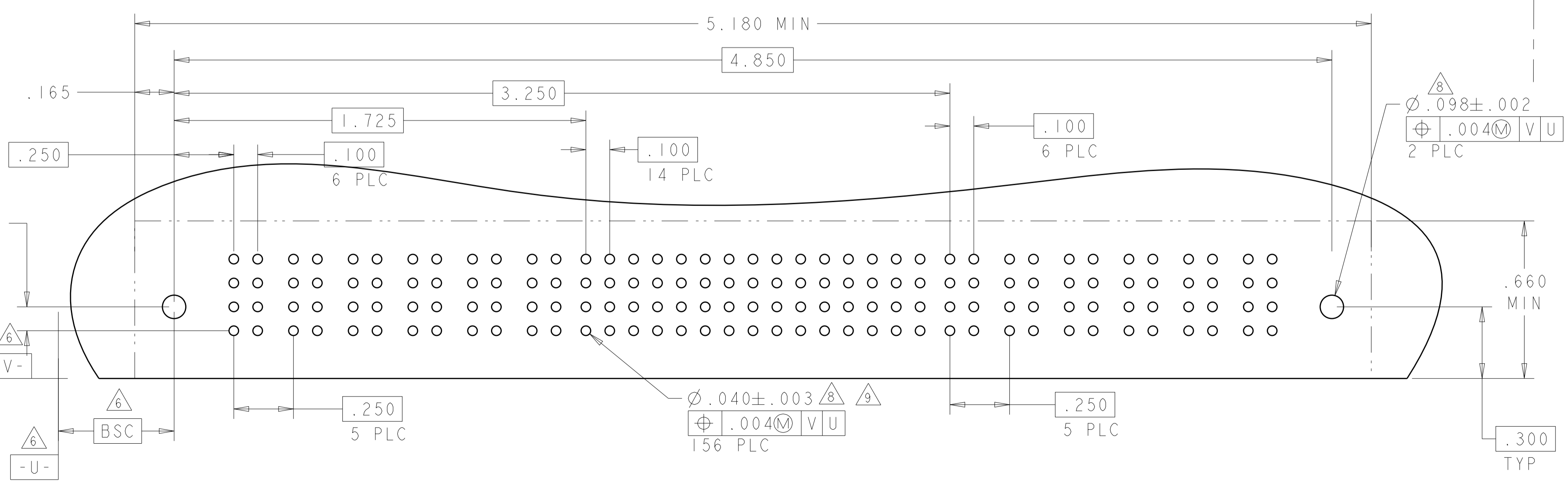
3P + 24S + 3P

NO CONTACTS LOADED



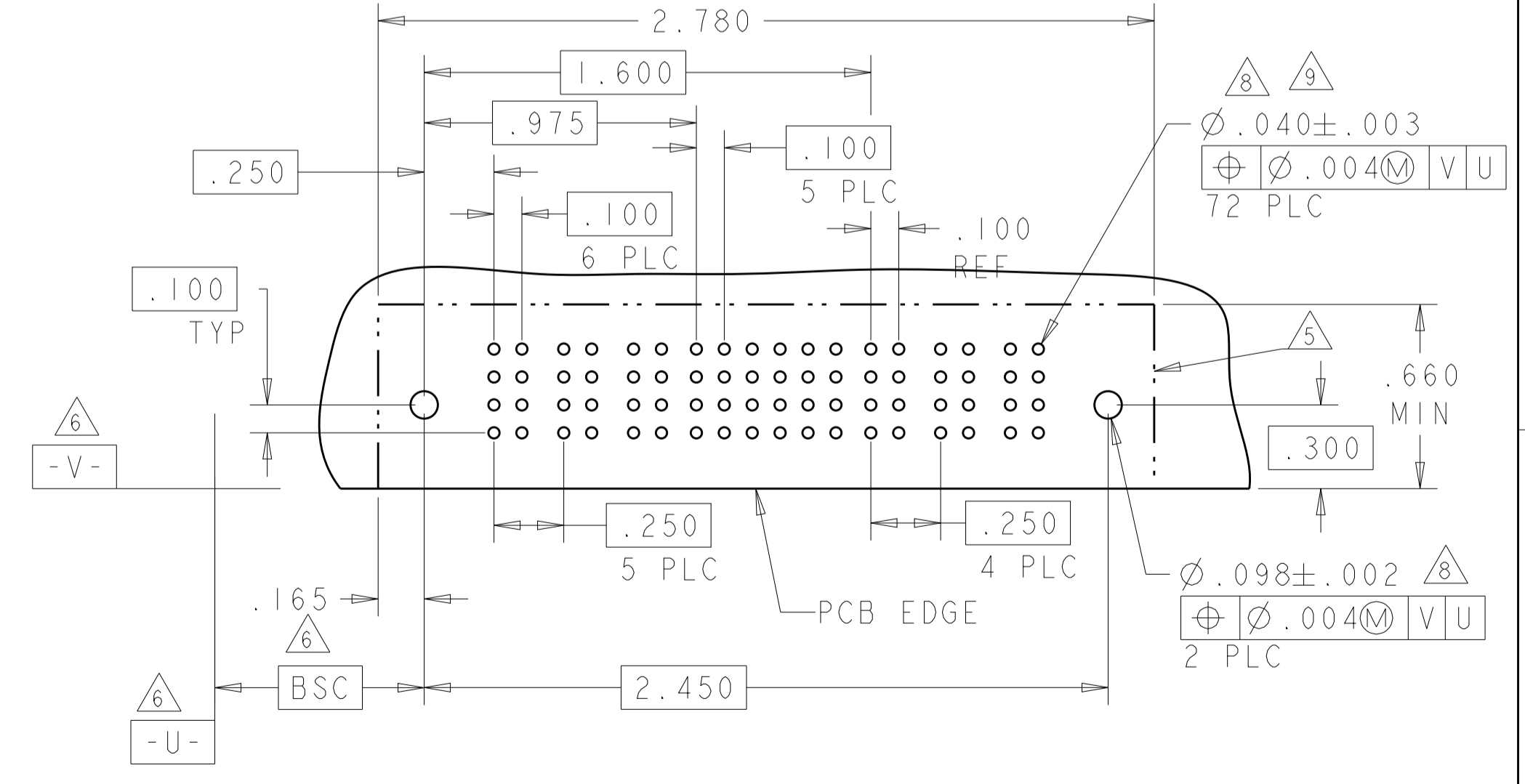
PART NUMBER	ROWS	POWER						SIGNAL															POWER												
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	P7	P8	P9	P10	P11	P12							
7-6450130-7	D C B A	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM			
								K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K							K	K	K
								N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							N	N	N
		HD																																	

6P + 60S + 6P



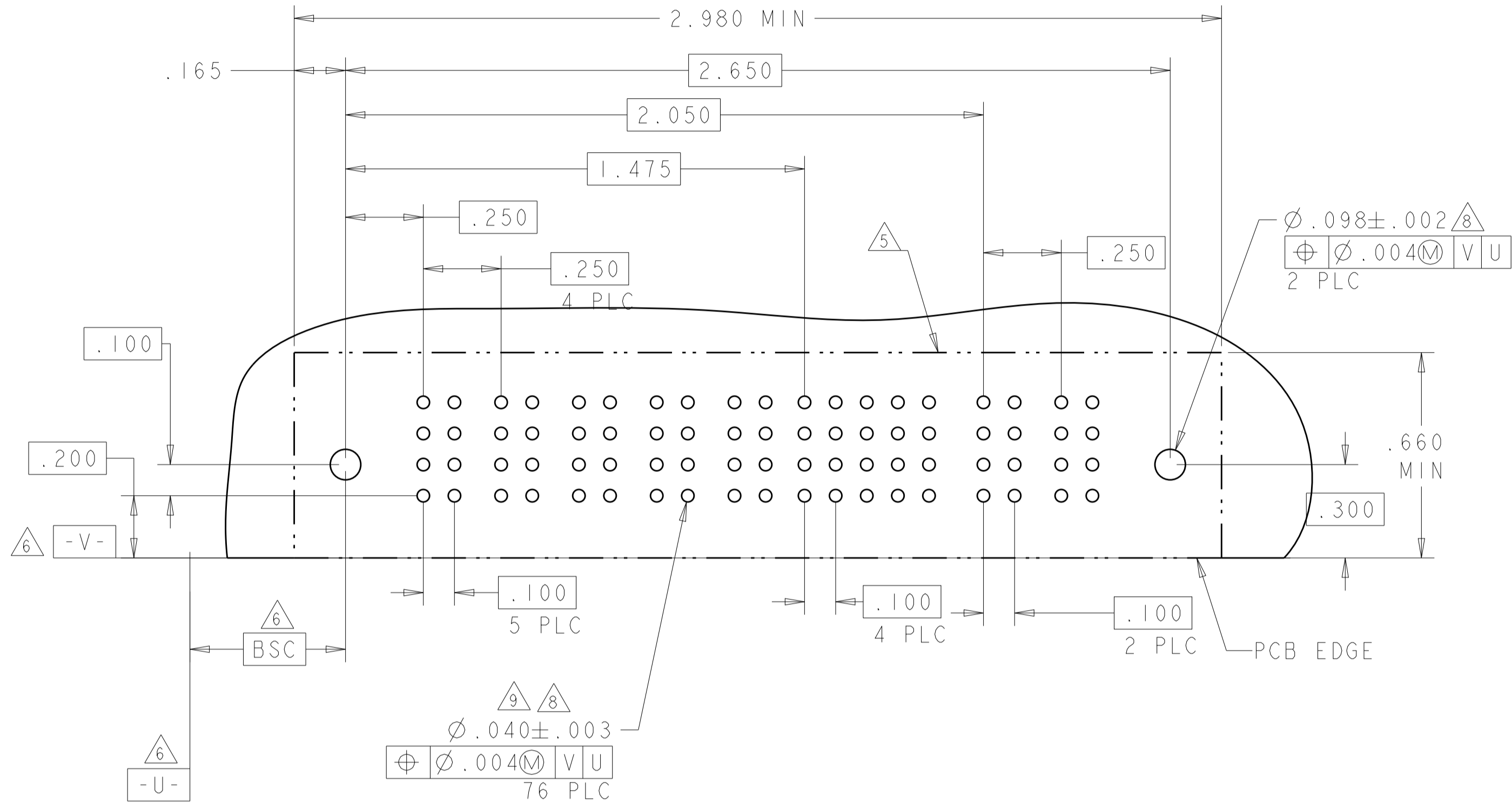
PART NUMBER	ROWS	POWER			SIGNAL						POWER			
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7-6450130-8	D C B A	PM	PM	PM	J	J	J	J	J	E	PM	PM	PM	
					K	K	K	K	K	K				
					N	N	N	N	N	N				
		HD												

3P + 24S + 3P



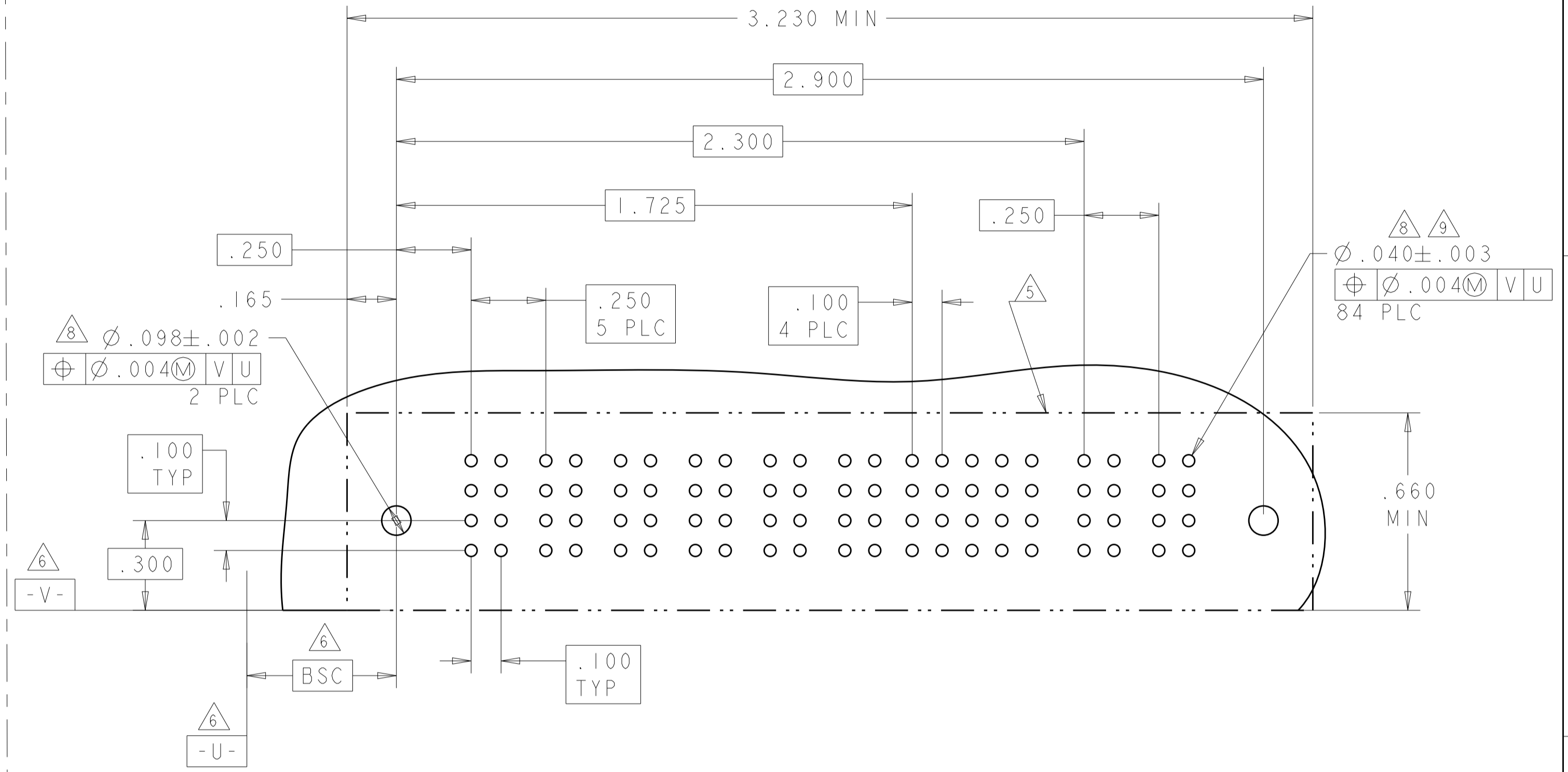
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: P. GRZYBOWSKI 14FEB2005	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPV: M. PERCHERKE 14FEB2005	
0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT	
MATERIAL:		FINISH:	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL SIZE: CAGE CODE DRAWING NO: A100779C=6450130 RESTRICTED TO:
		Customer Drawing	SCALE: 4:1 SHEET 12 OF 28 REV: M2

PART NUMBER	ROWS	POWER					SIGNAL					POWER	
		P1	P2	P3	P4	P5	1	2	3	4	5	P6	P7
7-6450130-9	D C B A	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		
5P + 20S + 2P													



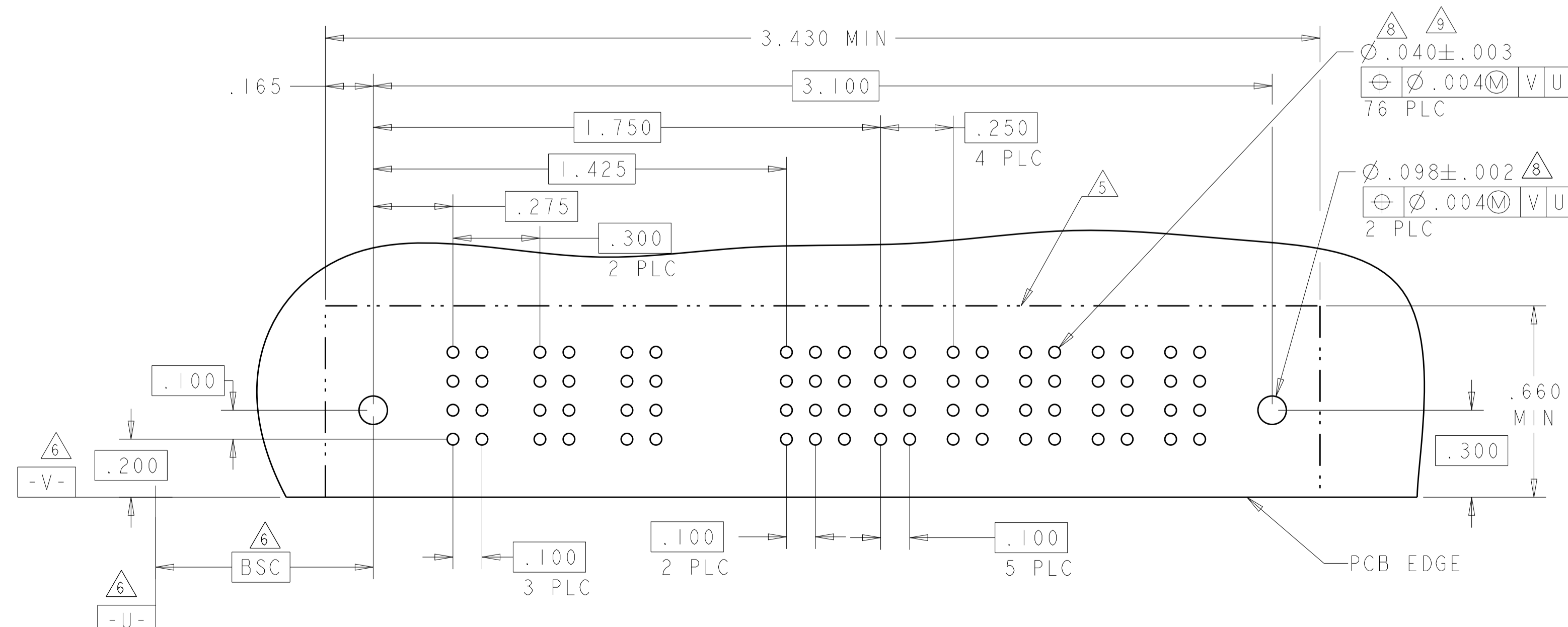
LOC	DIST	REV	DATE	APPV
ES	00			

PART NUMBER	ROWS	POWER						SIGNAL					POWER	
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8-6450130-0	D C B A	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			
6P + 20S + 2P														

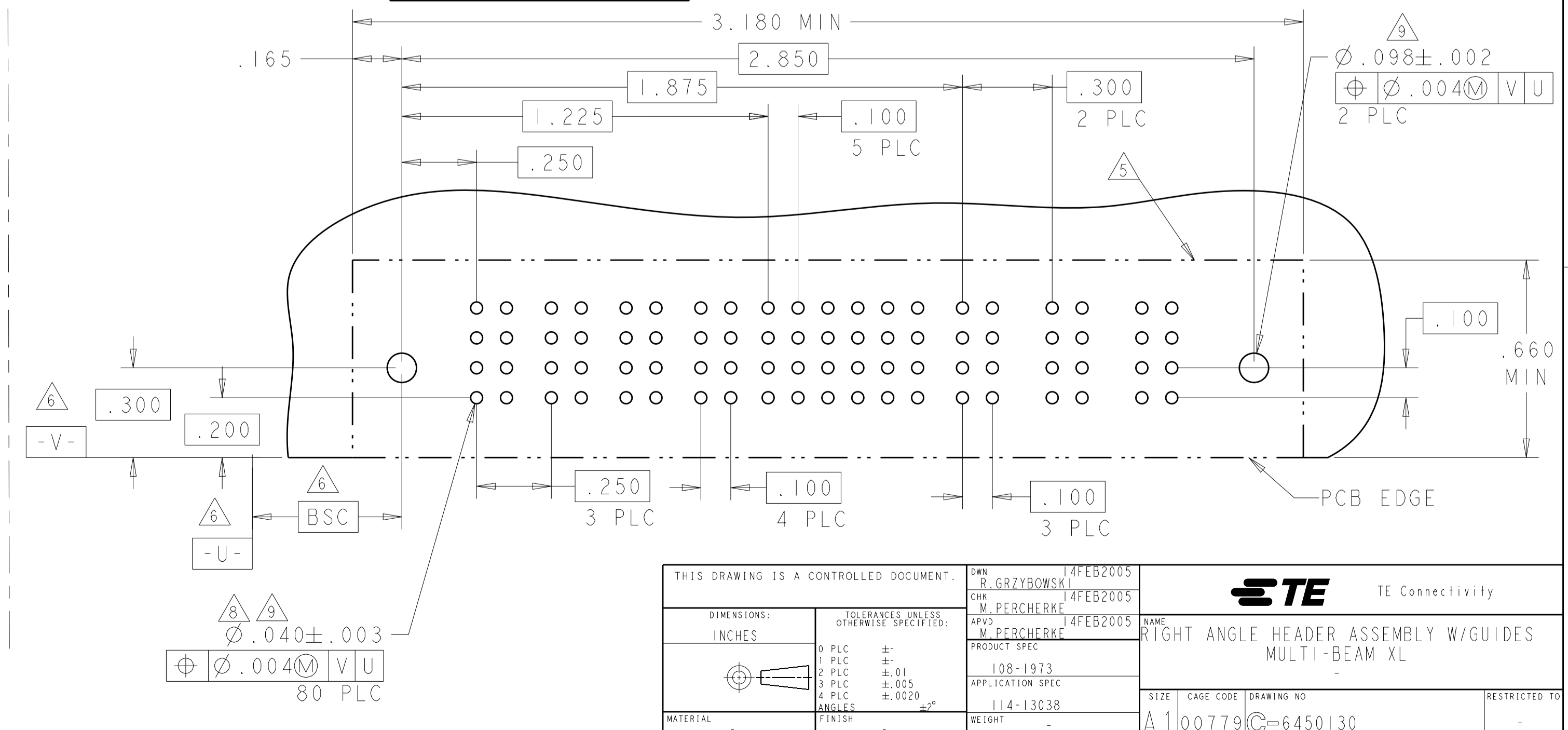


PART NUMBER	ROWS	POWER			SIGNAL						POWER				
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8
7-6450130-6	D C B A	PM	PM	PM	J	J	J				PM	PM	PM	PM	PM
					K	K	K								
					N	N	N								
					S	S	S								
3ACP + 24S + 5P															

NO CONTACTS LOADER



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	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM
						K	K	K	K	K	K			
						N	N	N	N	N	N			
						S	S	S	S	S	H			
4P + 24S + 3ACP														

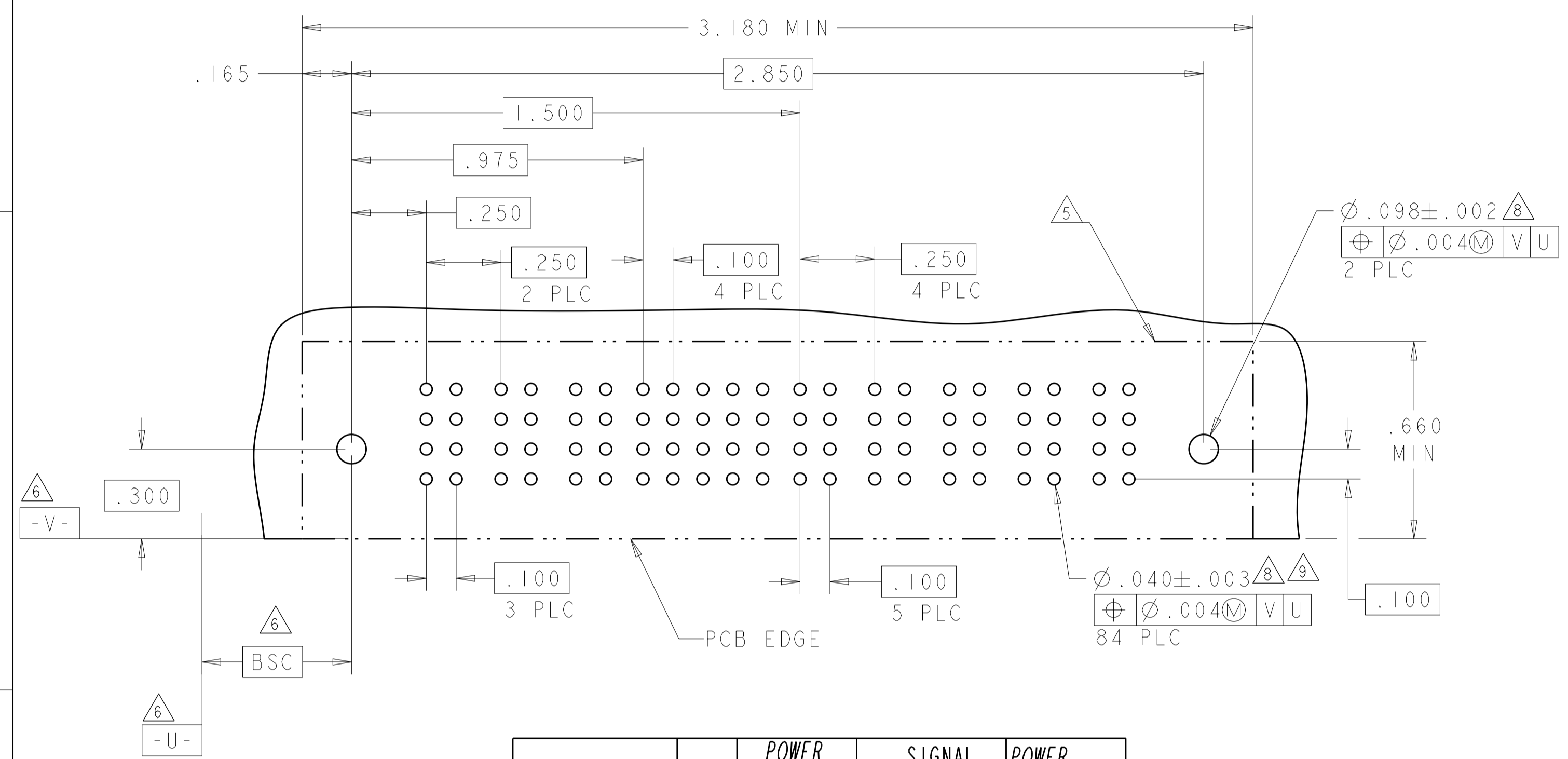


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 4FEB2005		TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005		RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE 14FEB2005	NAME: 108-1973 APPLICATION SPEC	
0 PLC ±.01		PRODUCT SPEC	SIZE: 114-13038	
5 PLC ±.005		REVISIONS	CAGE CODE: A100779	
4 PLC ±.002		DATE: 114-13038	DRAWING NO: C=6450130	
ANGLES ±.020		WEIGHT	SHEET 13 OF 28	
MATERIAL		FINISH	REV: M2	
		Customer Drawing	SCALE: 4:1	

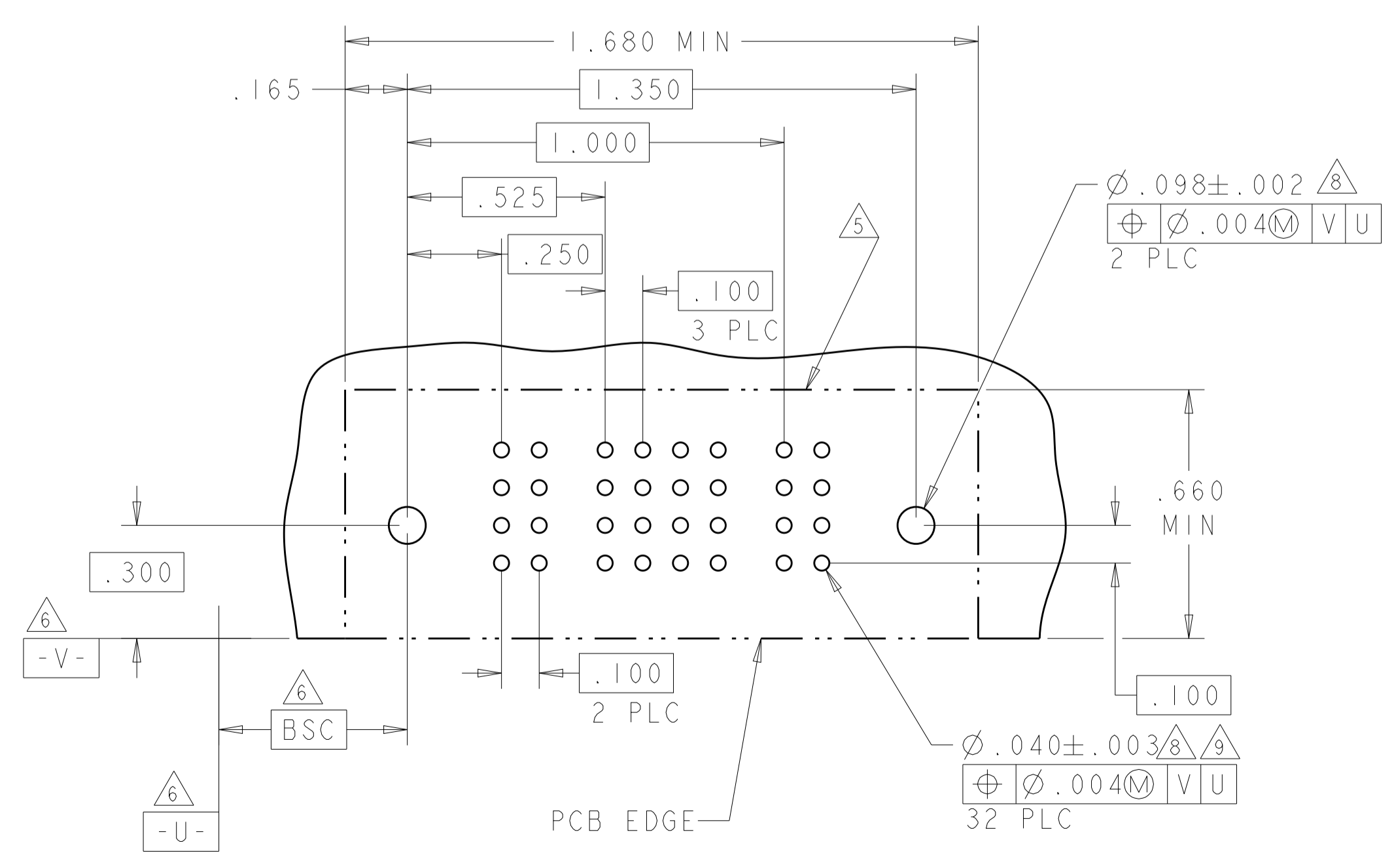
LOC	DIST	REV	DATE	BY	APPD
ES	00				
DESCRIPTION			DATE	BY	APPD
SEE SHEET 1					

PART NUMBER	ROWS	POWER			SIGNAL					POWER				
		P1	P2	P3	1	2	3	4	5	P4	P5	P6	P7	P8
8-6450130-4	D C B A	PM	PM	PM	J	J	J		J	PM	PM	PM	PM	
					K	K	K		K					
					N	N	N		N					
					S	S	S		H					
3P + 20S + 5P														

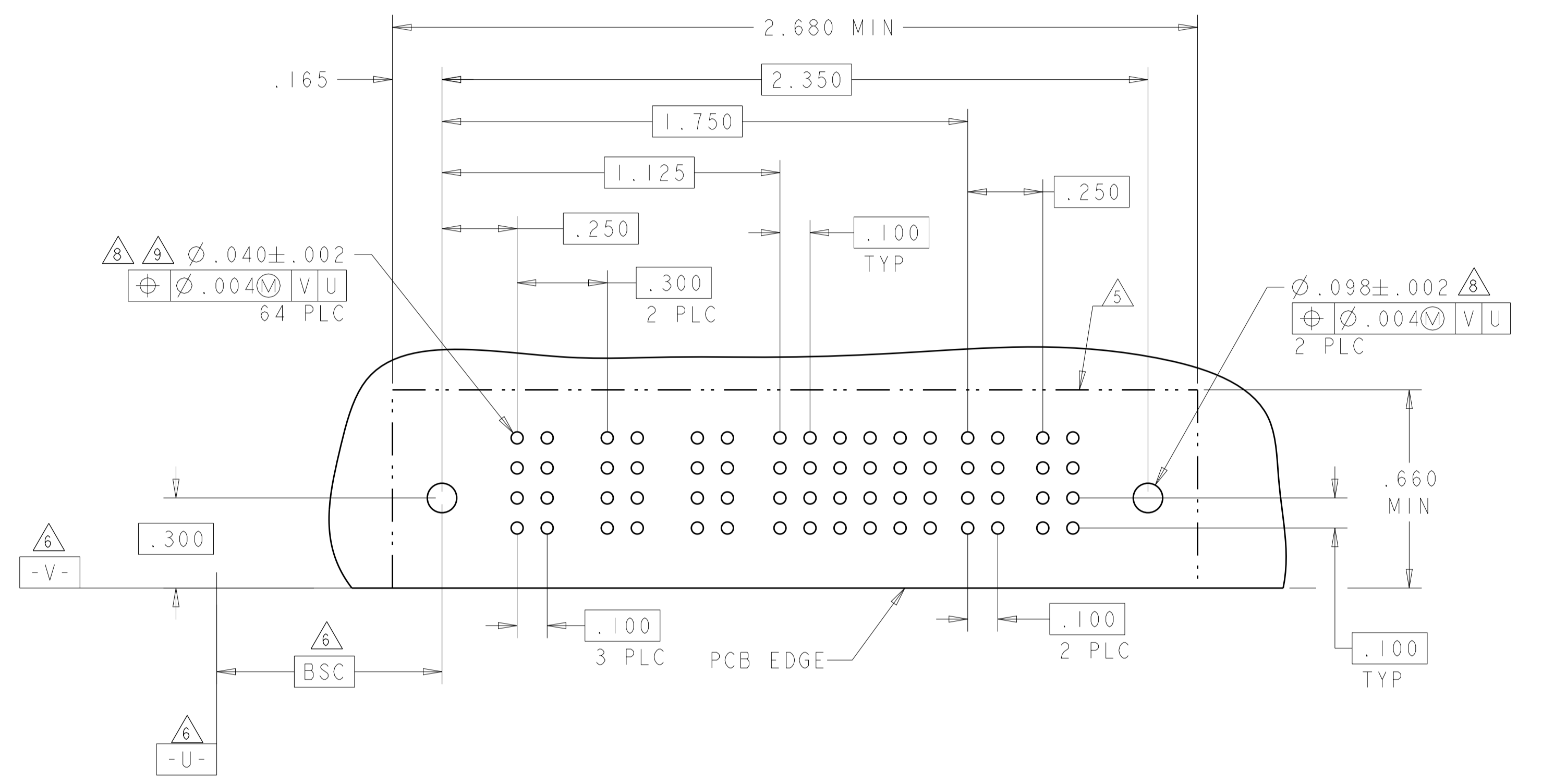
NO CONTACTS LOADED



PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P1	P2	1	2	3	4	P2	P1
8-6450130-5	D C B A	PM	PM	J	E	J	E	PM	PM
				K	K	K	K		
				N	N	N	N		
				S	S	S	S		
IP + 16S + IP									



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

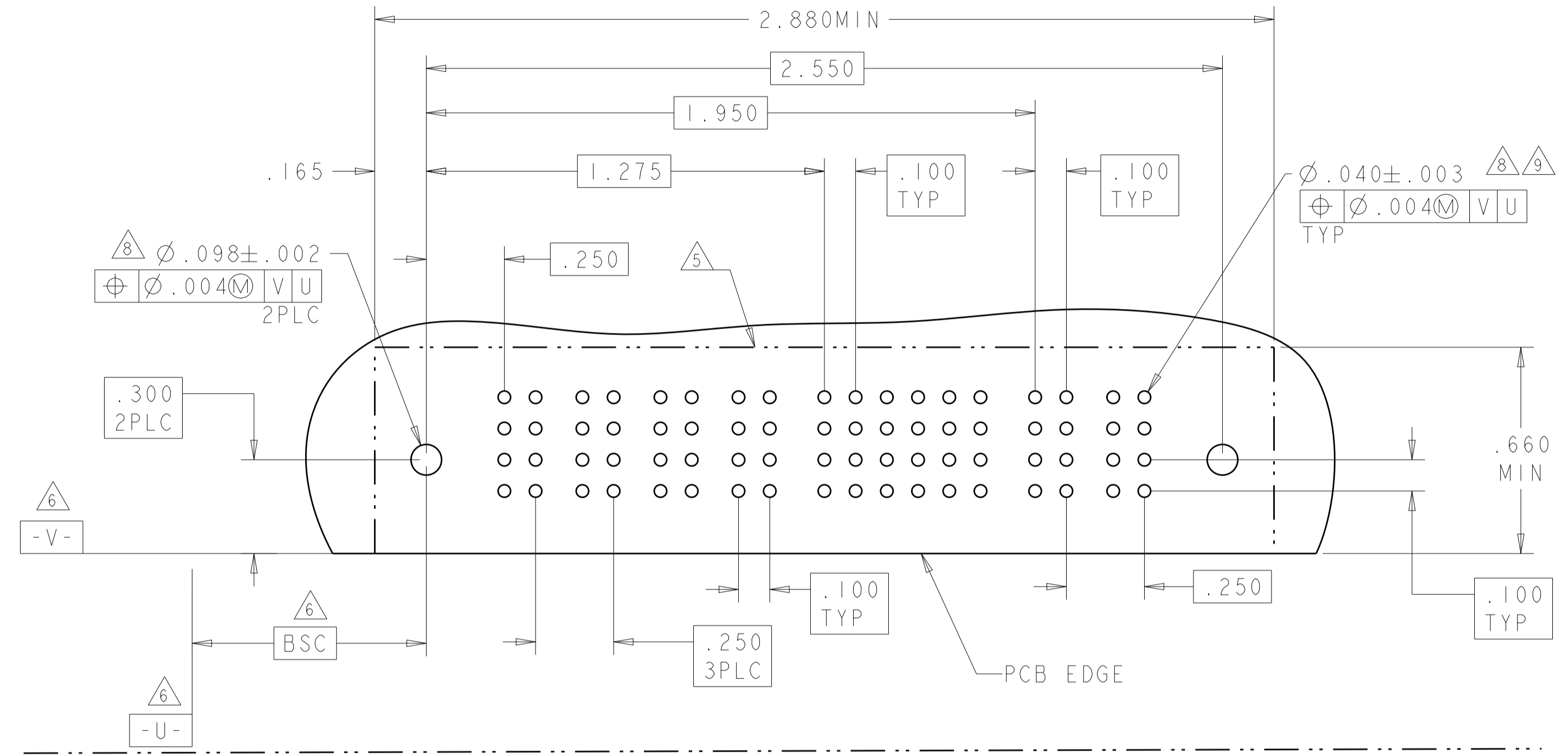


THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 14FEB2005	CHK: M. PERCHERKE 14FEB2005	APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
INCHES	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	WEIGHT: -	SIZE: A100779
MATERIAL:	FINISH:	RESTRICTED TO:	SCALE: 4:1	SHEET: 14 OF 28	REV: M2

Customer Drawing

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



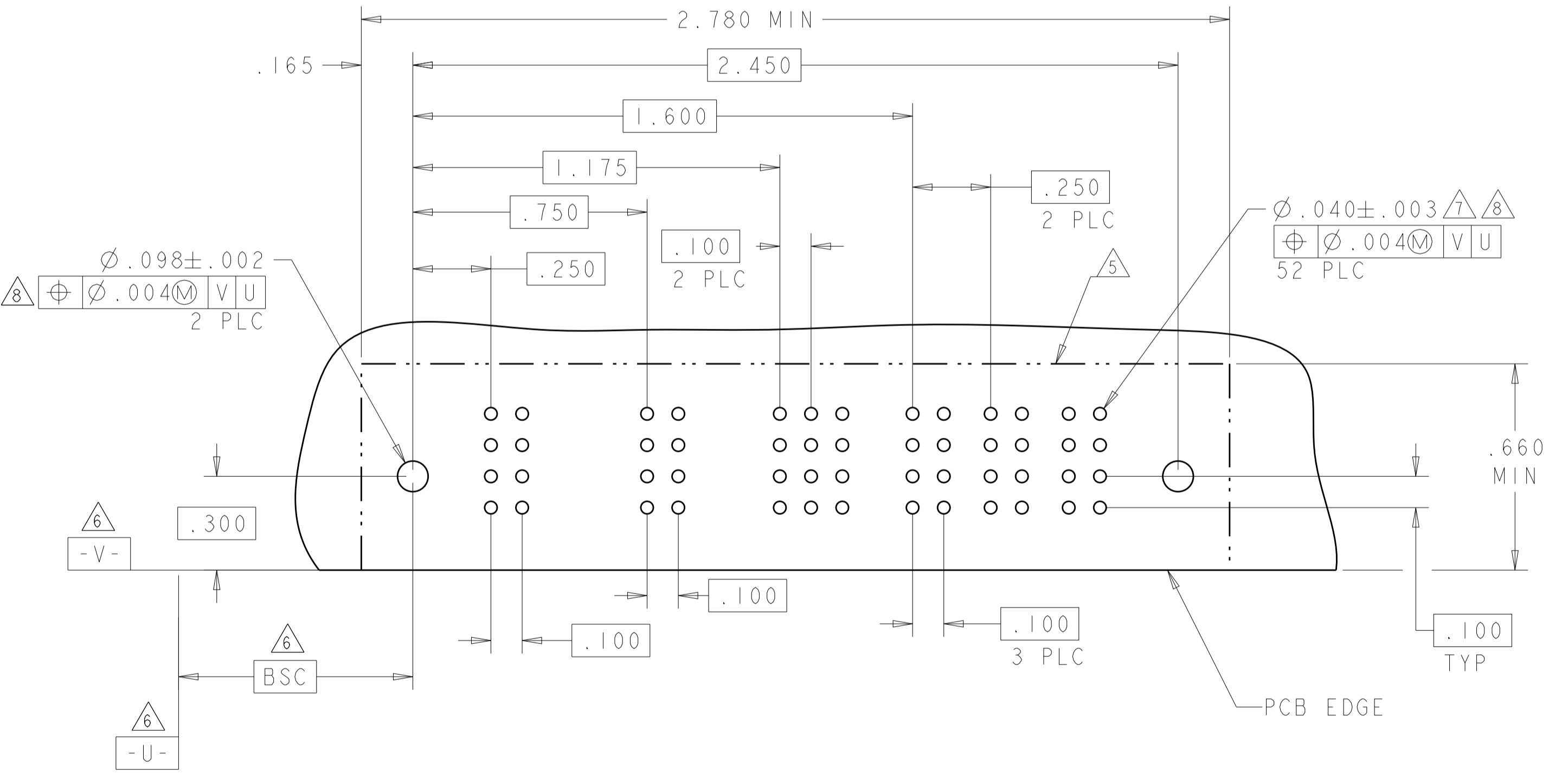
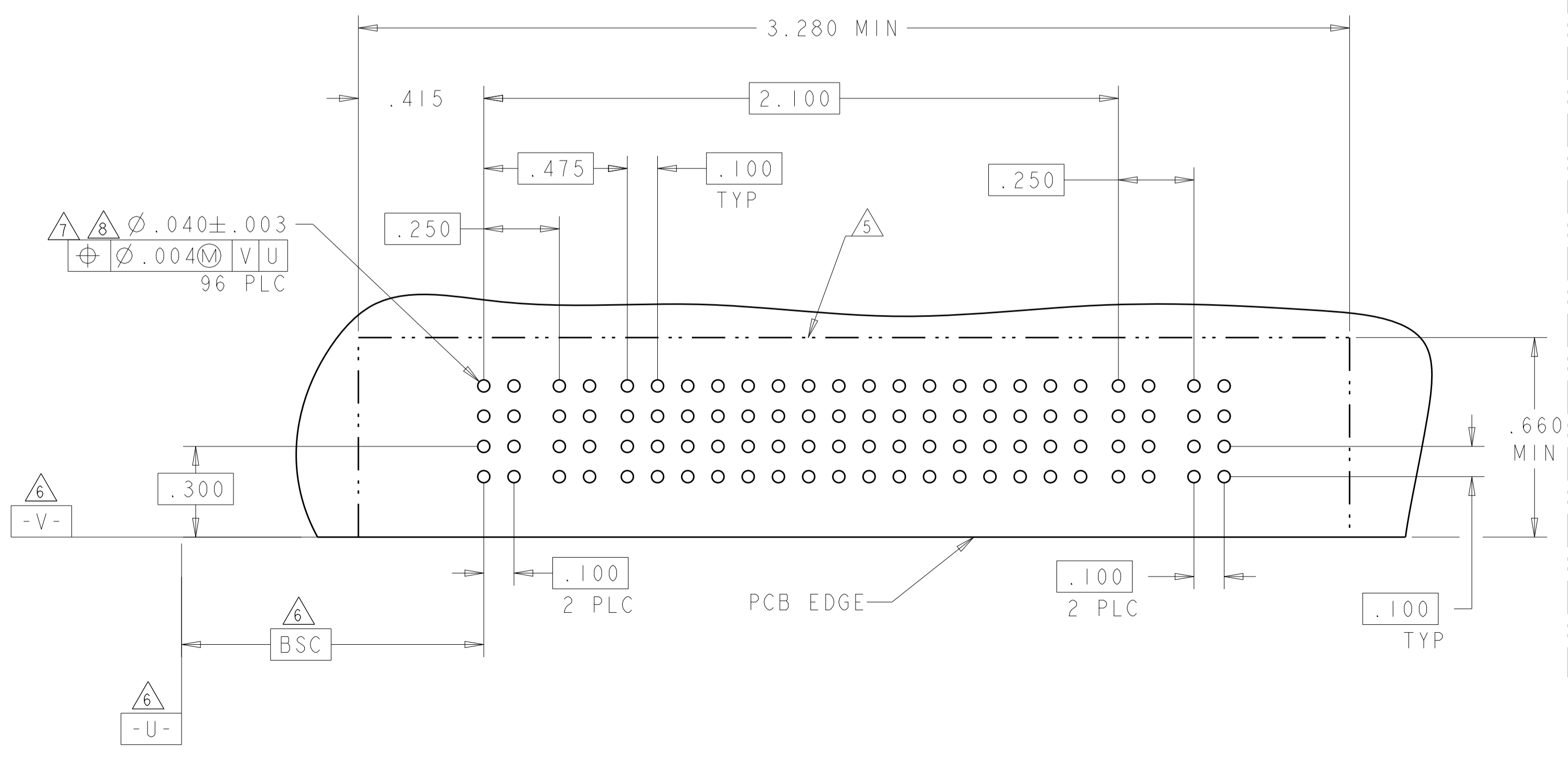
PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
8-6450130-6	D C B A	PM	PM	PM	PM	J	J	J	PM	PM	PM	PM	
						K	K	K					
						N	N	N					
						S	S	S					
3P + 24S + 3P													

NO CONTACTS LOADED

PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
9-6450130-0	D C B A	PM	PM	PM	PM	E	E	E	PM	PM	PM	PM	
						F	F	F					
						G	G	G					
						H	H	H					
3P + 24S + 3P													

NO CONTACT LOADED

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						
8-6450130-7	D C B A	PA	PA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	PA	PA			
				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3			3		
				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			2	2	2
				A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			A	A	O
2P + 64S + 2P																											



8-6450130-6 AND 9-6450130-0 HAVE THE SAME PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 14FEB2005	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
0 PLC ±.01		PRODUCT SPEC	SIZE: CAGE CODE DRAWING NO
1 PLC ±.01		108-1973	RESTRICTED TO
2 PLC ±.01		APPLICATION SPEC	A100779
3 PLC ±.005		114-13038	SCALE: 4:1 SHEET 15 OF 28 REV: M2
4 PLC ±.0020		WEIGHT	Customer Drawing
ANGLES			

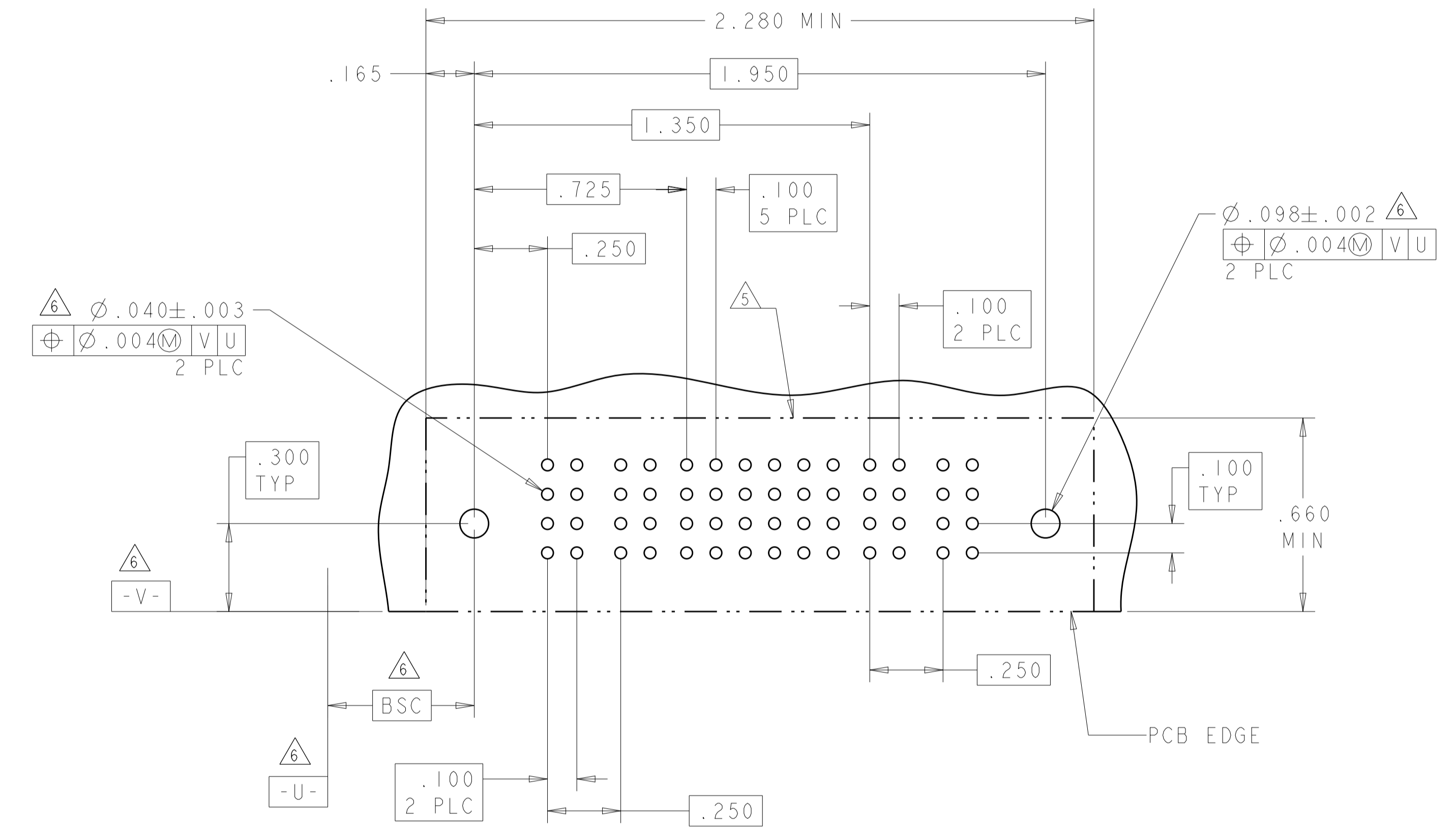
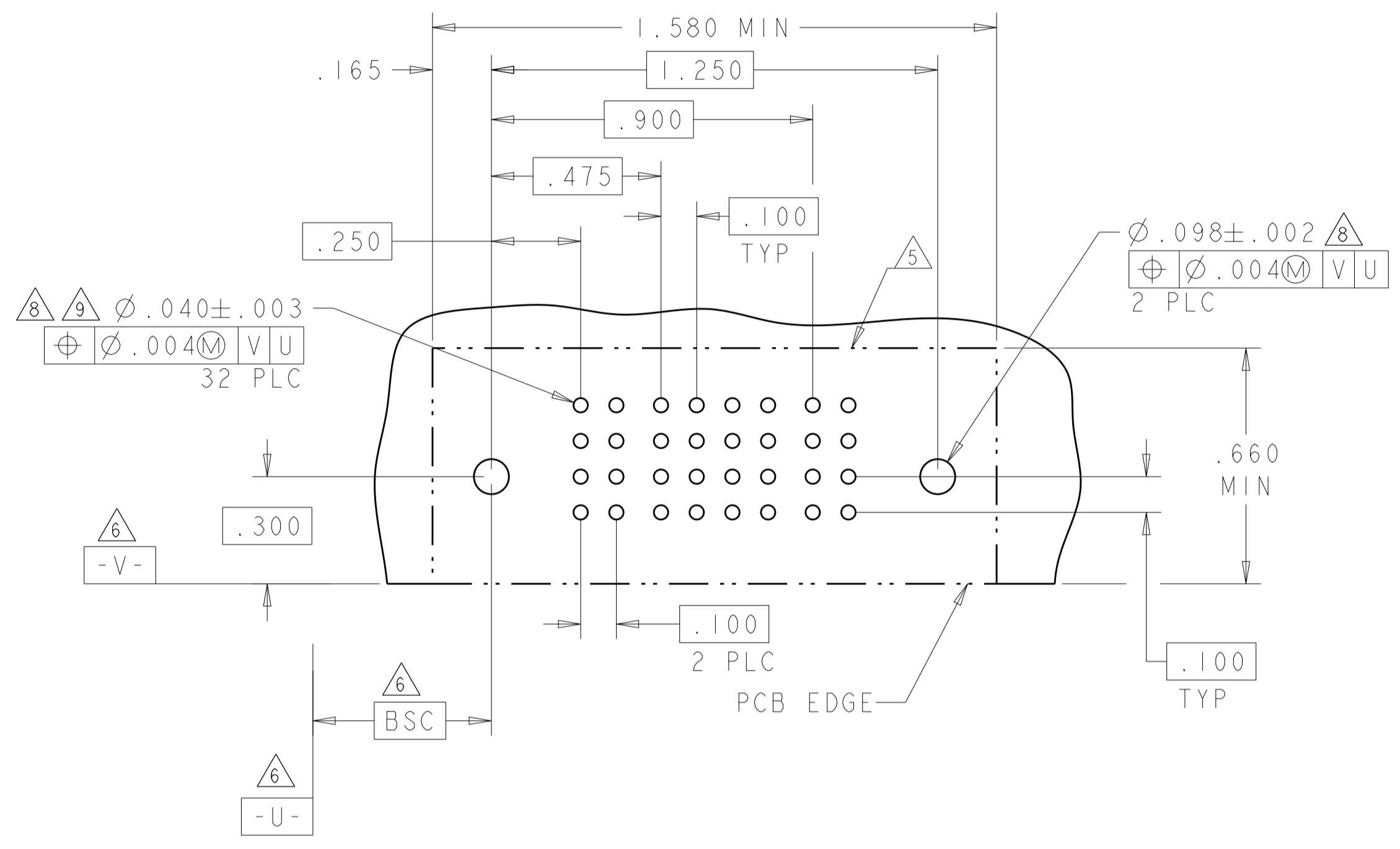
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	OWN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P1	P2	1	2	3	4	P3	P4
8-6450130-9	D	PM	PM	J	J	J	J	PM	PM
	C			K	K	F	K		
	B			N	N	G	N		
	A			S	S	S	S		

IP + 16S + IP

PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P3	P4
2-6450130-9	D	PM	PM	J	J	J	J	J	J	PM	PM
	C			K	K	K	K	F			
	B			N	N	N	N	N			
	A			S	S	S	S	S			

2P + 24S + 2P



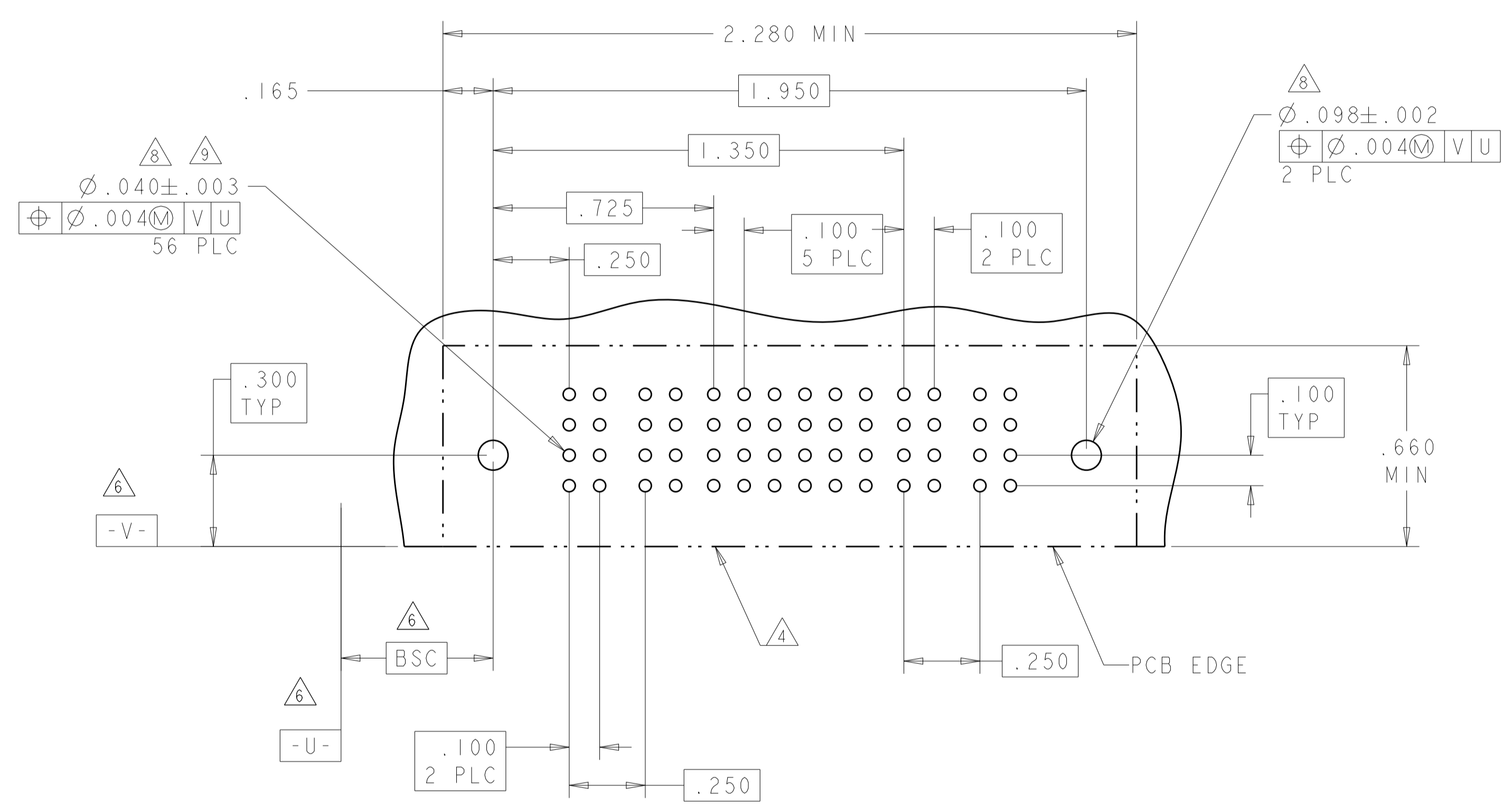
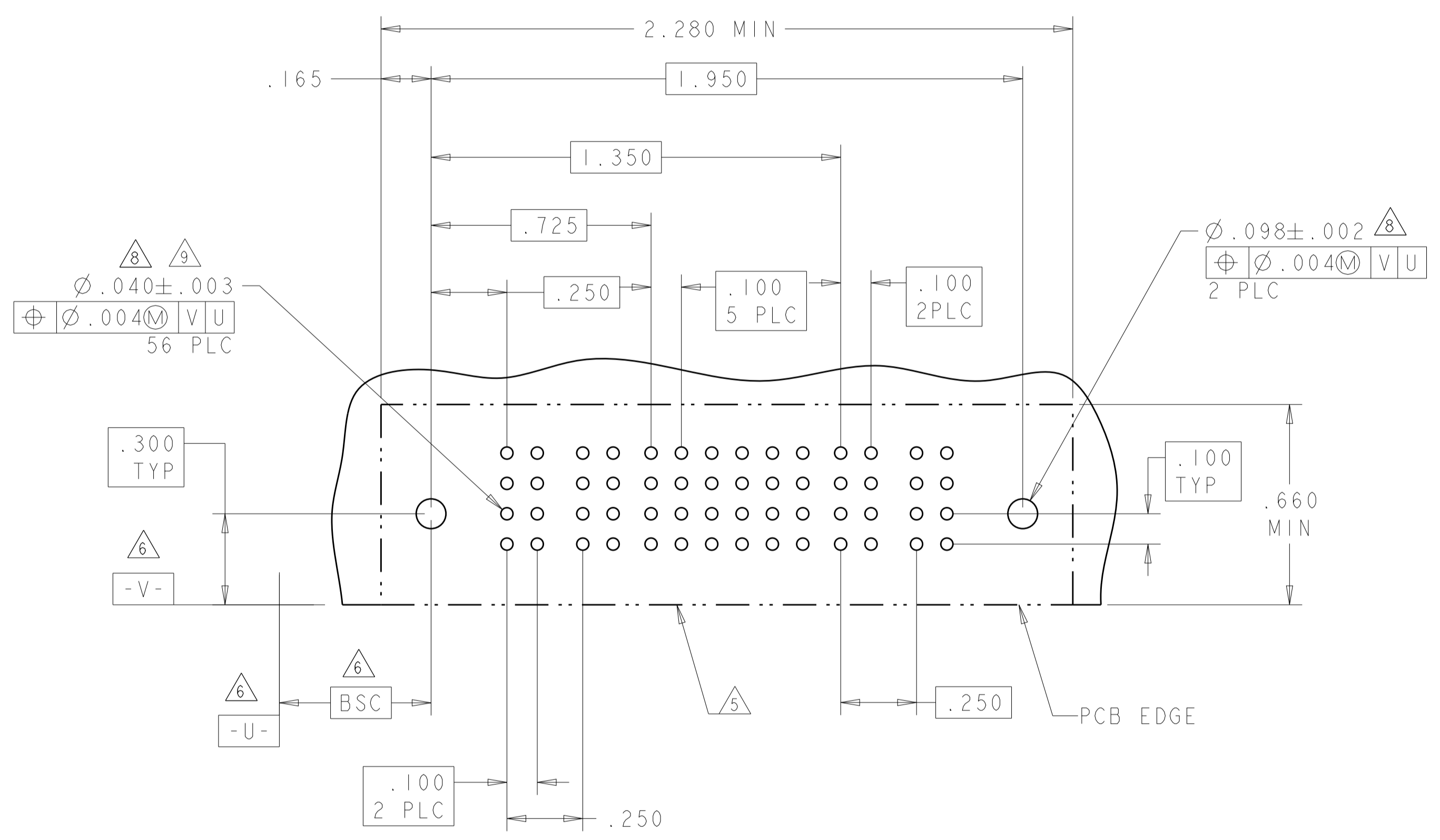
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 14FEB2005	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
0 PLC ±.01	1 PLC ±.01	PRODUCT SPEC: 108-1973	SIZE: CAGE CODE DRAWING NO: A100779C=6450130
2 PLC ±.01	3 PLC ±.005	APPLICATION SPEC: 114-13038	RESTRICTED TO: -
4 PLC ±.0020	ANGLES ±.0020	WEIGHT: -	SCALE: 4:1 SHEET 16 OF 28 REV: M2
MATERIAL: -	FINISH: -	Customer Drawing	



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

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

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



PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P3	P4
8-6450130-8	D	PM	PM	E	E	E	E	E	E	PM	PM
	C			F	F	F	F	F			
	B			G	G	G	G	G			
	A			H	H	H	H	S			
		HD									HD
2P + 24S + 2P											

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

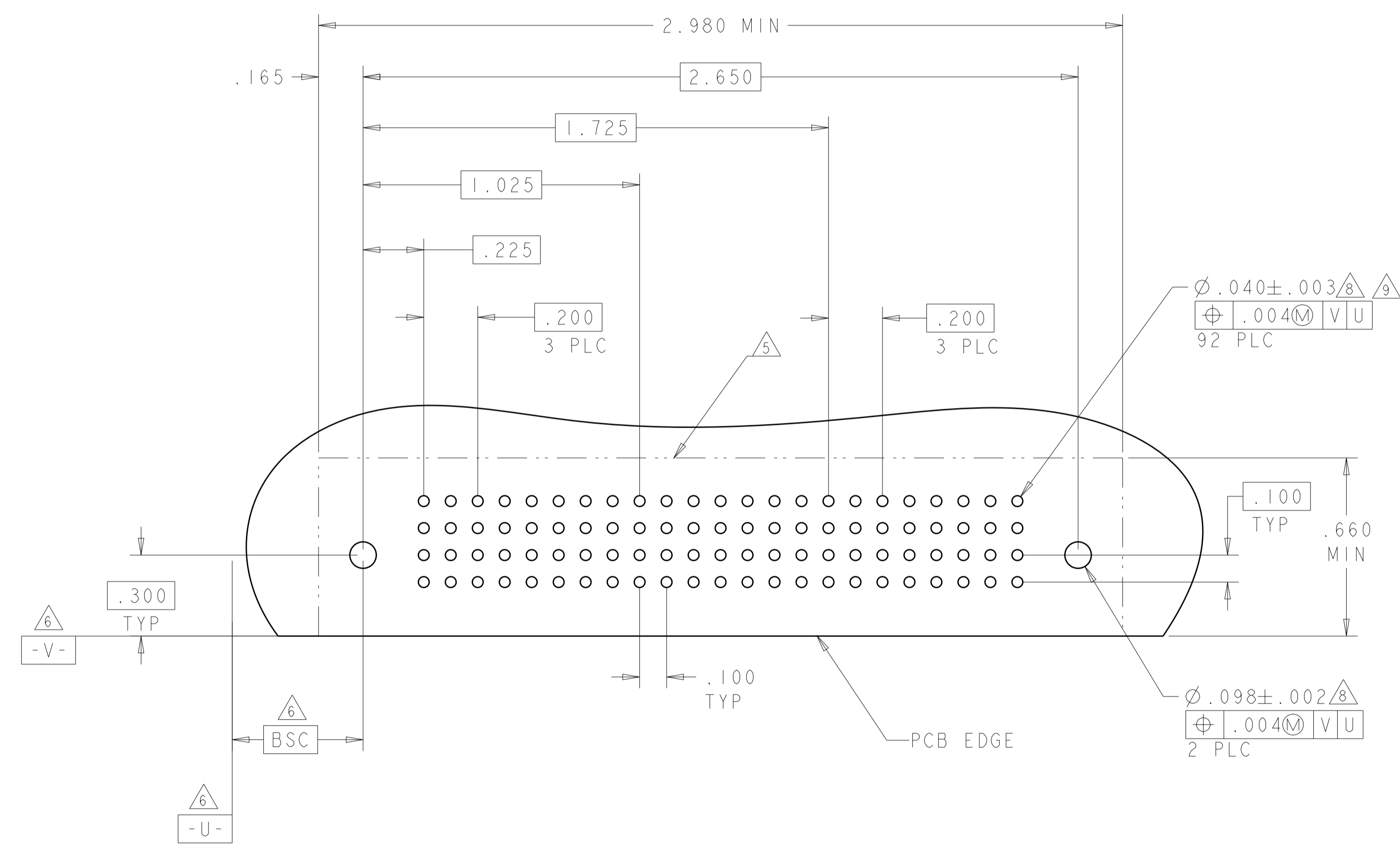
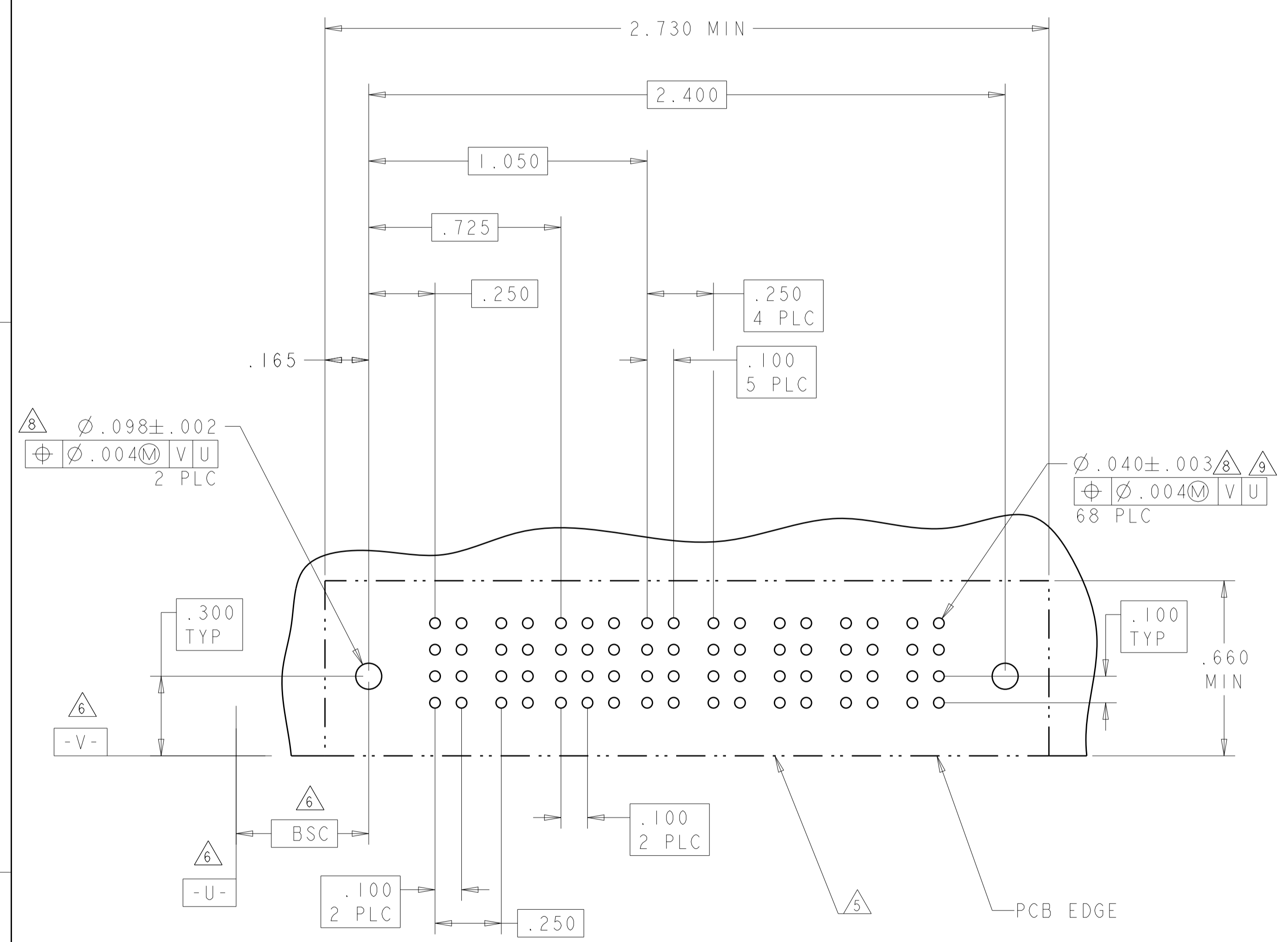
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 14FEB2005	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005	
 TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
MATERIAL: .		PRODUCT SPEC: 108-1973	SIZE: CAGE CODE DRAWING NO: A100779C=6450130
FINISH: .		APPLICATION SPEC: 114-13038	RESTRICTED TO: .
		WEIGHT: .	SCALE: 4:1 SHEET 17 OF 28 REV: M2
		Customer Drawing	

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER		SIGNAL			POWER					
		P1	P2	1	2	3	P3	P4	P5	P6	P7	
9-6450130-2	D	PM	PM	J	J	J	PM	PM	PM	PM	PM	HD
	C			K	K	K						
	B			N	N	N						
	A			S	S	S						
2P + 12S + 5P												

(K2)

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	HD
	C					A3	A3	A3	A3	A3	A3						
	B					A2	A2	A2	A2	A2	A2						
	A					A1	A1	A1	A1	A1	A1						
4HDP + 28S + 4HDP																	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 14FEB2005	TE Connectivity	
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		PRODUCT SPEC: 108-1973	SIZE: A1	
MATERIAL: -		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450130	
FINISH: -		WEIGHT: -	RESTRICTED TO: -	
		Customer Drawing	SCALE: 4:1 SHEET 18 OF 28 REV: M2	

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	SEE SHEET 1			

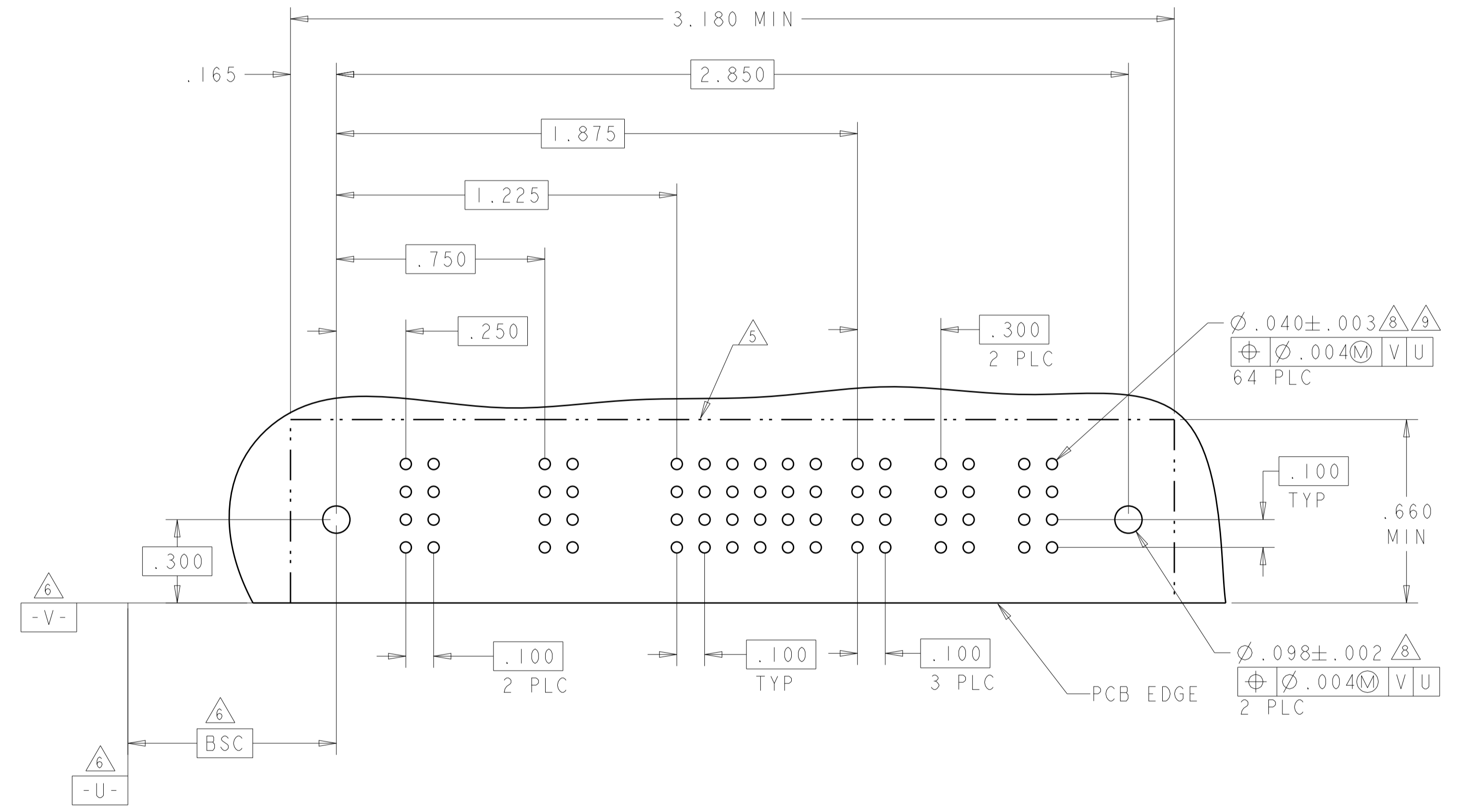
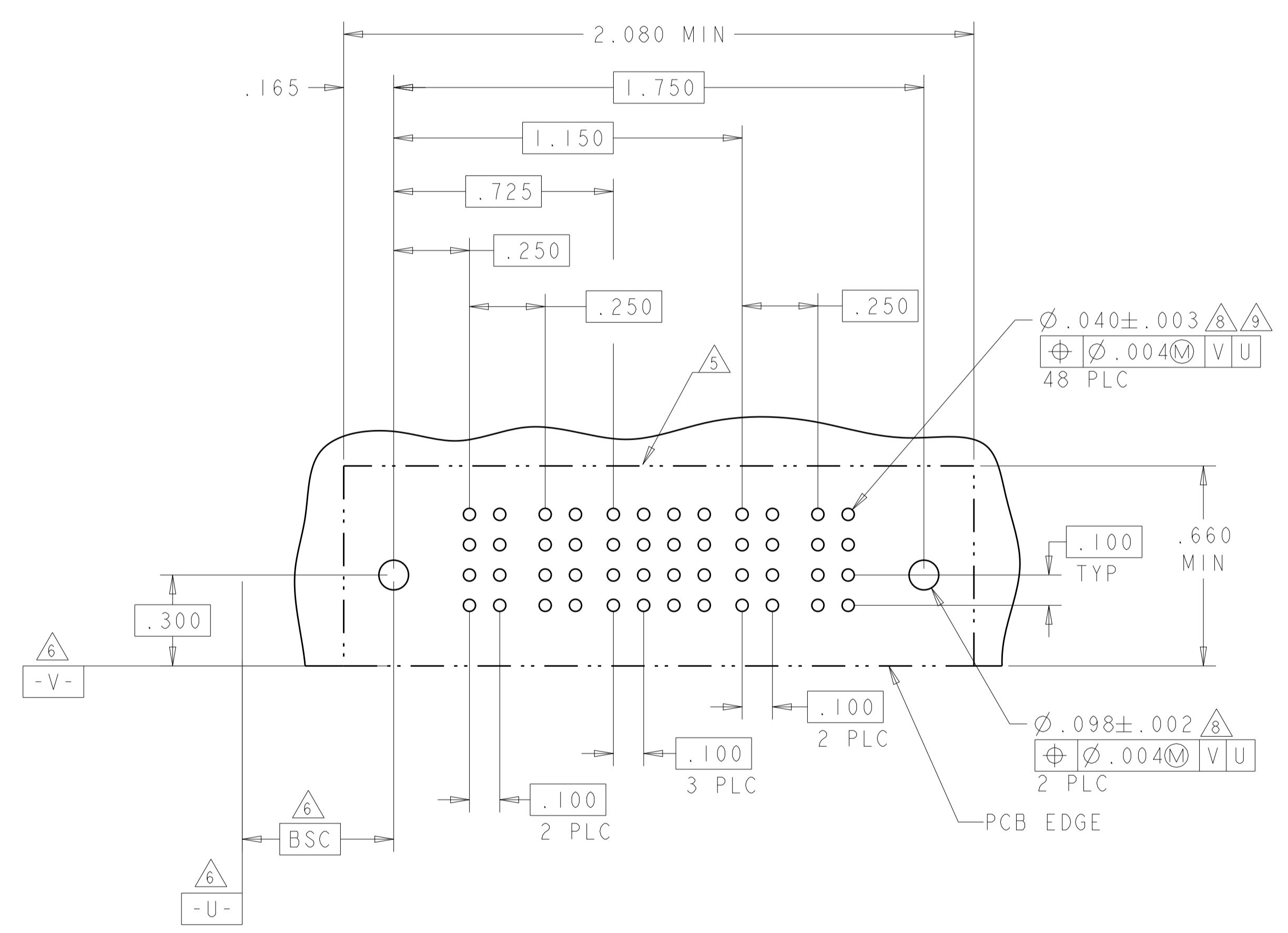
(K5)

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

(K6)

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

NO CONTACT LOADED



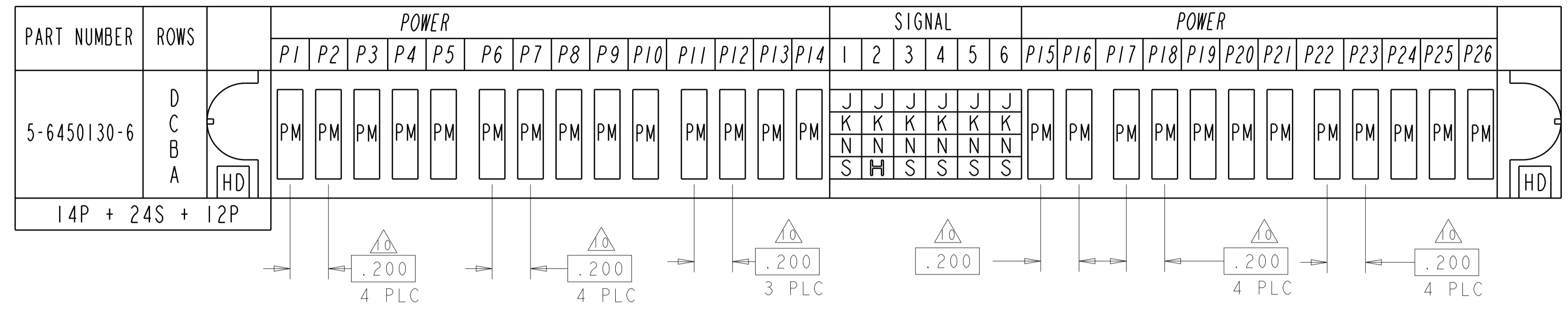
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DMN: R. GRZYBOWSKI 14FEB2005	CHK: M. PERCHERKE 14FEB2005	APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
INCHES	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	SIZE: A	CAGE CODE: 6450130
MATERIAL:	FINISH:	WEIGHT:	Customer Drawing	SCALE: 4:1	SHEET 19 OF 28

RESTRICTED TO



LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	OWN	APVD
-	-	SEE SHEET 1	-	-	-



L2

L6

THIS DRAWING IS A CONTROLLED DOCUMENT.

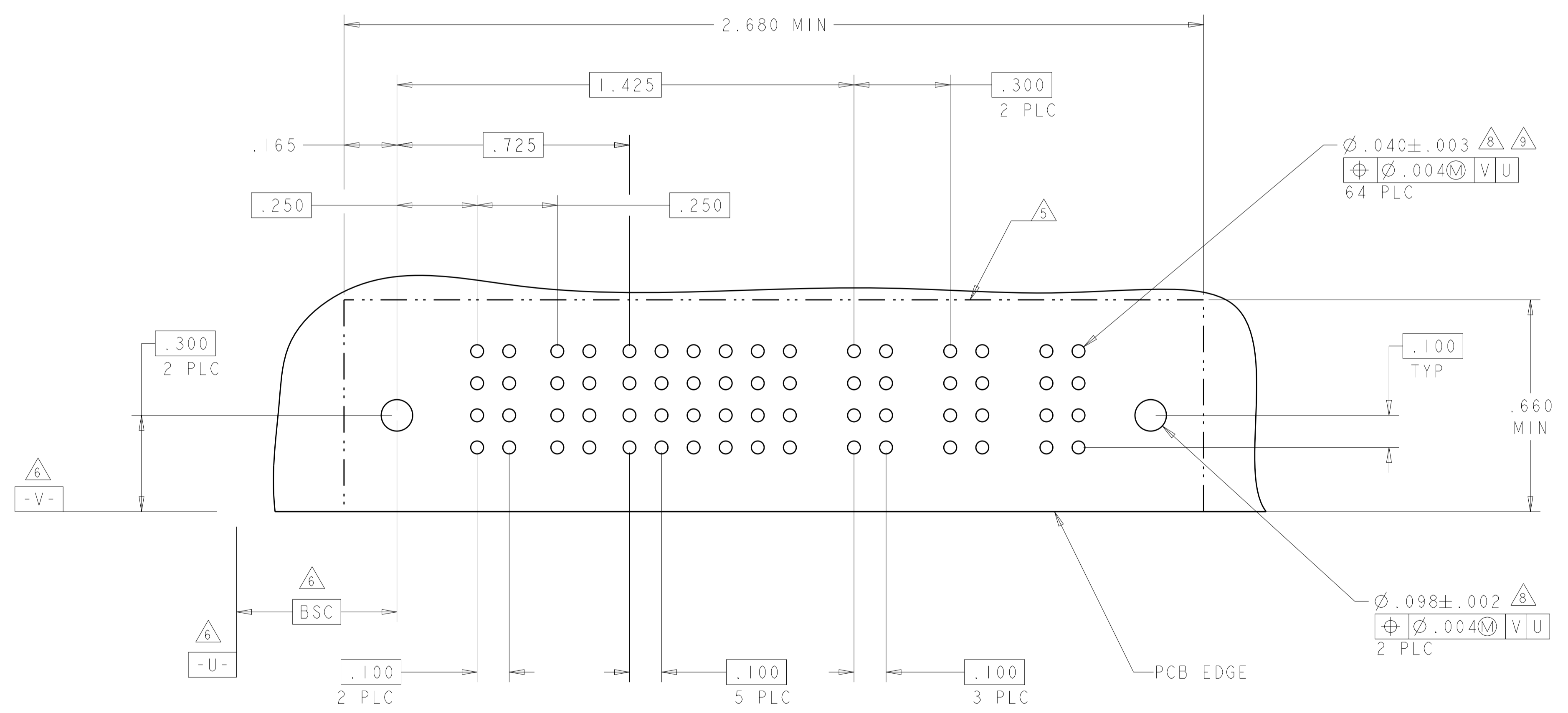
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°	OWN: R. GRZYBOWSKI 14FEB2005 CHK: M. PERCHERKE 14FEB2005 APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
MATERIAL: -	FINISH: -	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	SIZE: A1 CAGE CODE: 100779 DRAWING NO: C=6450130
Customer Drawing		SCALE: 4:1	SHEET 21 OF 28 REV: M2

4805 (3/11)

LOC	DIST	REVISIONS					
		P	LTN	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
9-6450130-5	D	PM	PM	J	J	E	J	J	J	PM	PM	PM
	C			K	K	K	K	K				
	B			N	N	G	N	N	N			
	A			S	S	S	S	S	S			

2P + 24S + 3ACP



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 14FEB2005	CHK: M. PERCHERKE 14FEB2005	APVD: M. PERCHERKE 14FEB2005
MATERIAL: -		NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL		
FINISH: -		SIZE: A1	CAGE CODE: 114-13038	DRAWING NO: 6450130
Customer Drawing		SCALE: 4:1	SHEET: 22	OF: 28



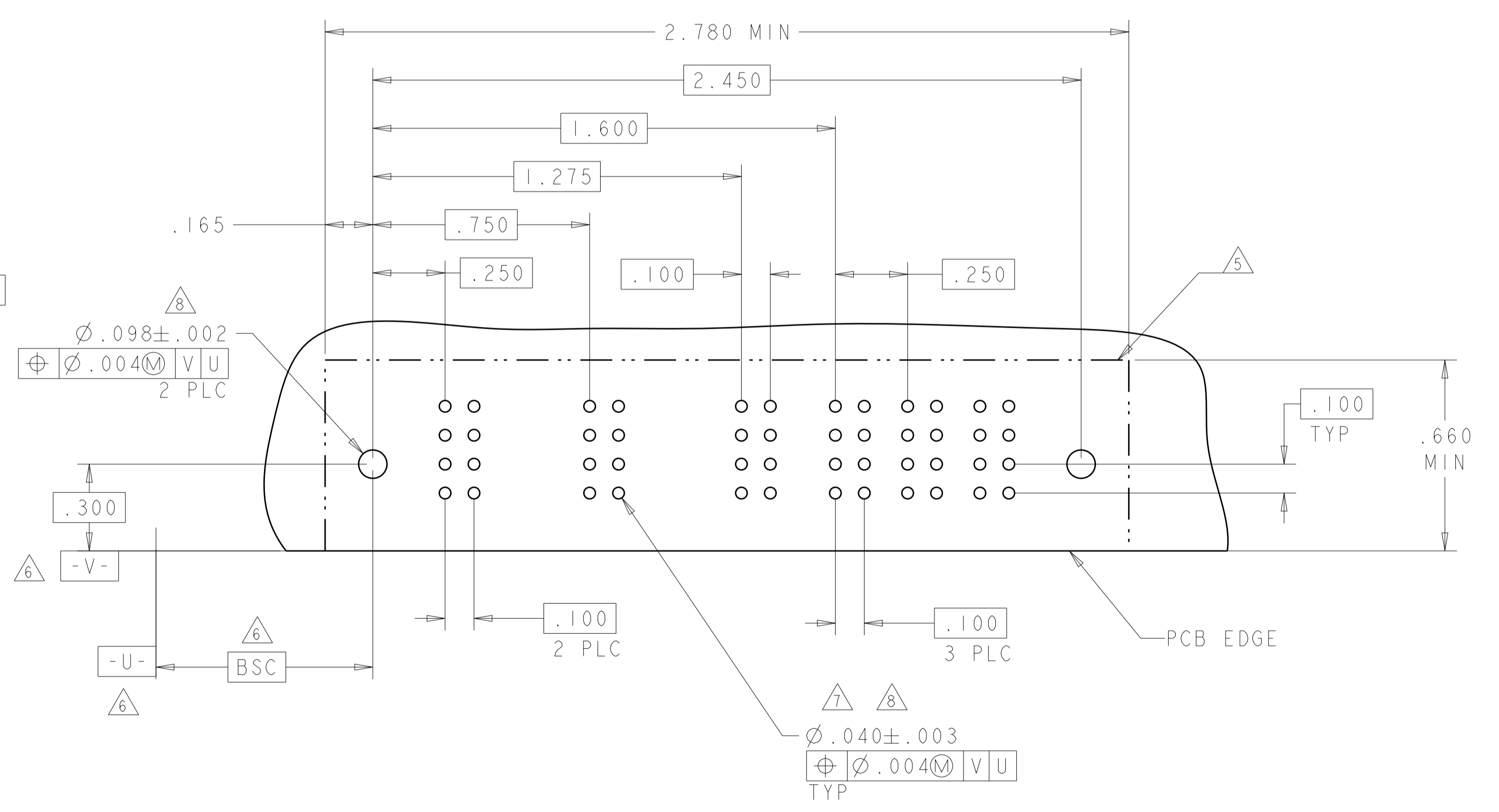
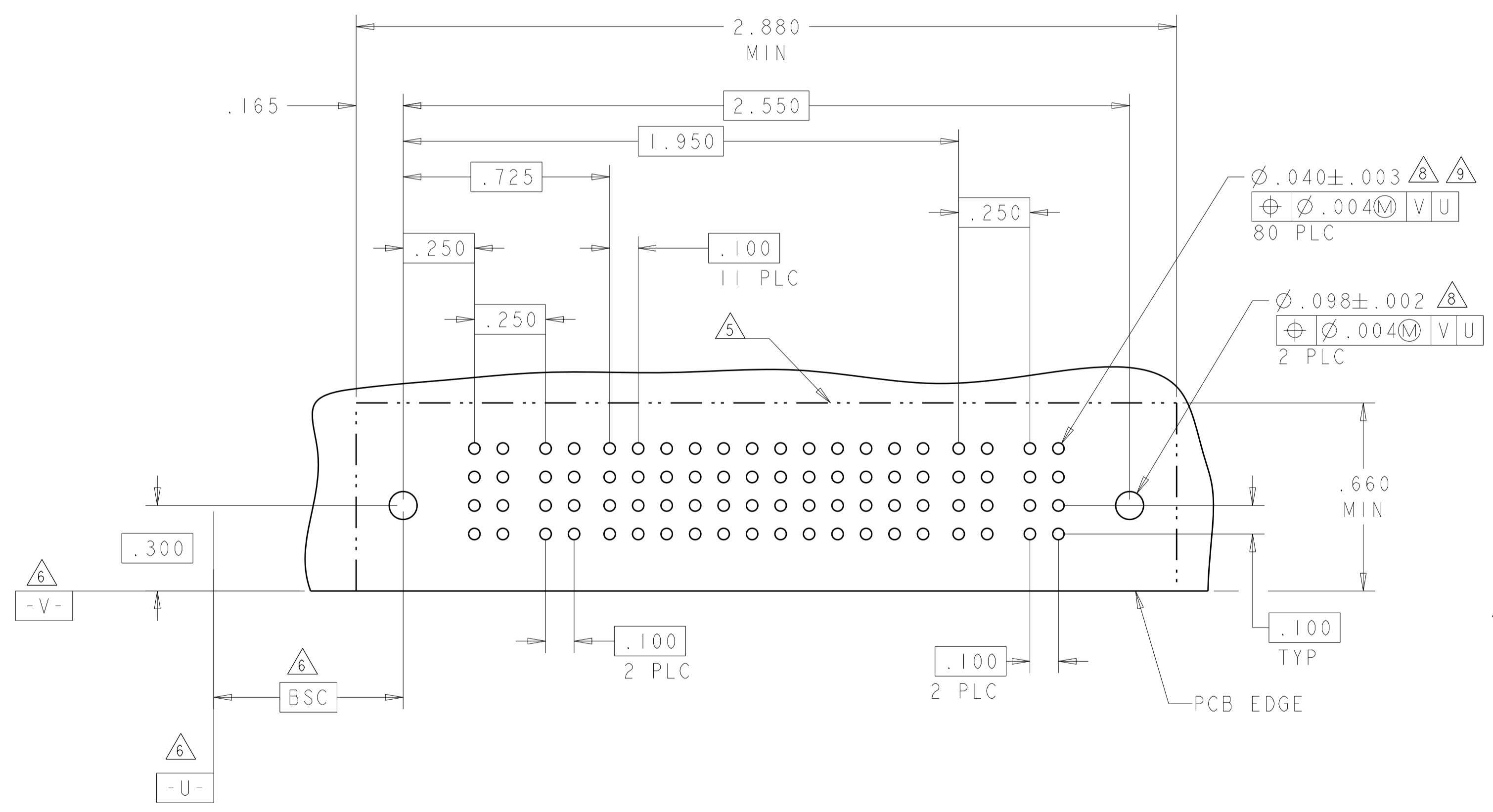
LOC	DIST	REV	DATE	BY	APPV
ES	00				
REVISIONS			DESCRIPTION	DATE	BY
			SEE SHEET 1		

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	J	J	E	PM	PM	
	C			K	K	K	K	K	K	K	K	K	K	K	K	K			
	B			N	N	N	N	N	N	N	N	N	N	N	N	N			N
	A			H	S	S	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	PM				E	E										
	C							F	F										
	B							G	G										
	A							H	H										
3P + 24S + 3P																			

(L5)

NO CONTACT LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 14FEB2005	CHK: M. PERCHERKE 14FEB2005	APV: M. PERCHERKE 14FEB2005
INCHES	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020	NAME: R. GRZYBOWSKI	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038
MATERIAL:	FINISH:	SIZE: A1	CAGE CODE: 6450130	DRAWING NO: 100779
		Customer Drawing	SCALE: 4:1	SHEET: 24 OF 28

STE TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL

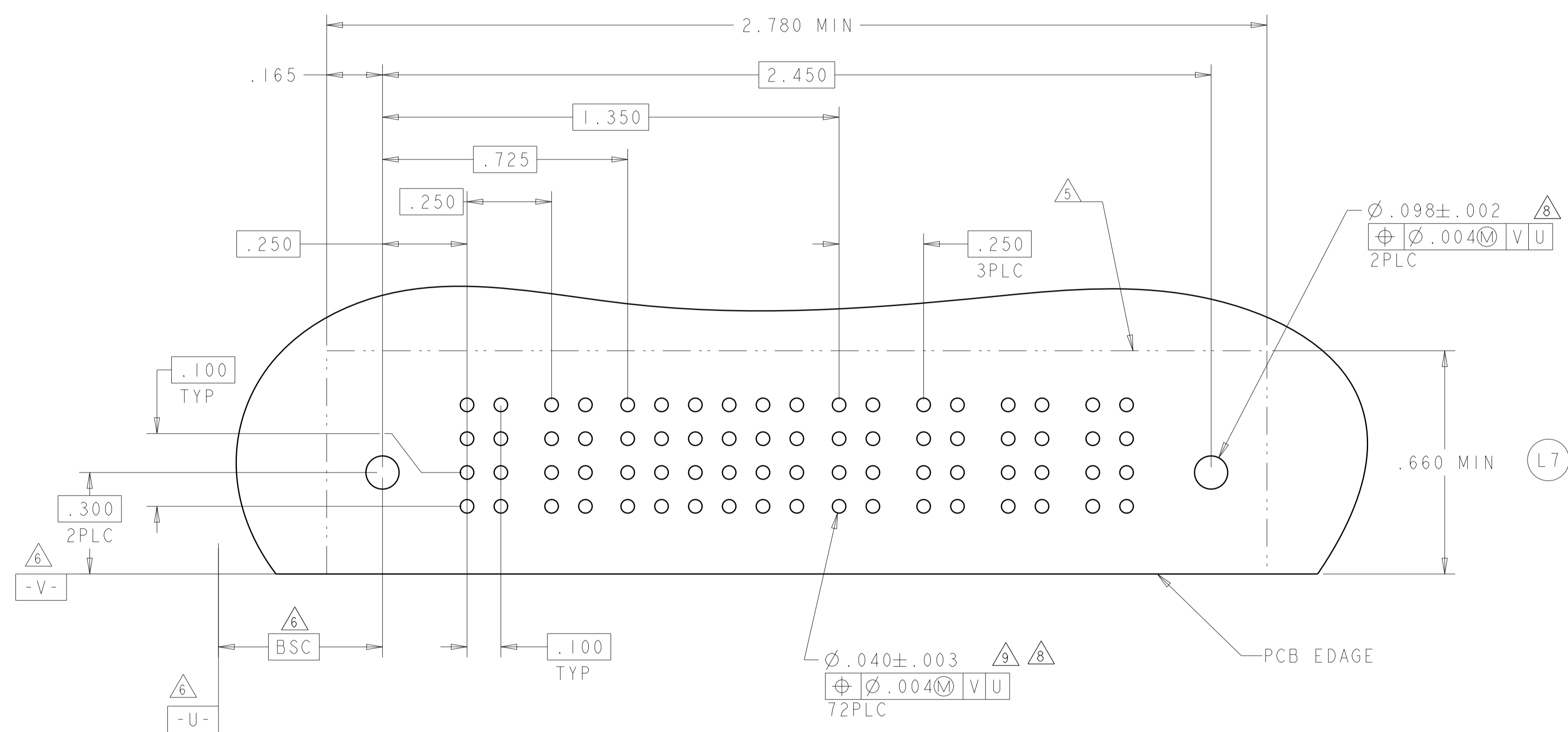
RESTRICTED TO



LOC	DIST	REVISIONS			
P	LTH	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
9-6450130-8	D	PM	PM	E	J	J	J	J	E	PM	PM	PM	PM
	C			F	K	K	K	K	F				
	B			N	N	N	N	N	N				
	A			S	S	S	S	S	S				

2P + 24S + 4P



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°	DWN: R. GRZYBOWSKI 14FEB2005 CHK: M. PERCHERKE 14FEB2005 APVD: M. PERCHERKE 14FEB2005	NAME: R. GRZYBOWSKI PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	RESTRICTED TO: -
MATERIAL: -	FINISH: -	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=6450130	SCALE: 4:1 SHEET: 25 OF 28 REV: M2	Customer Drawing

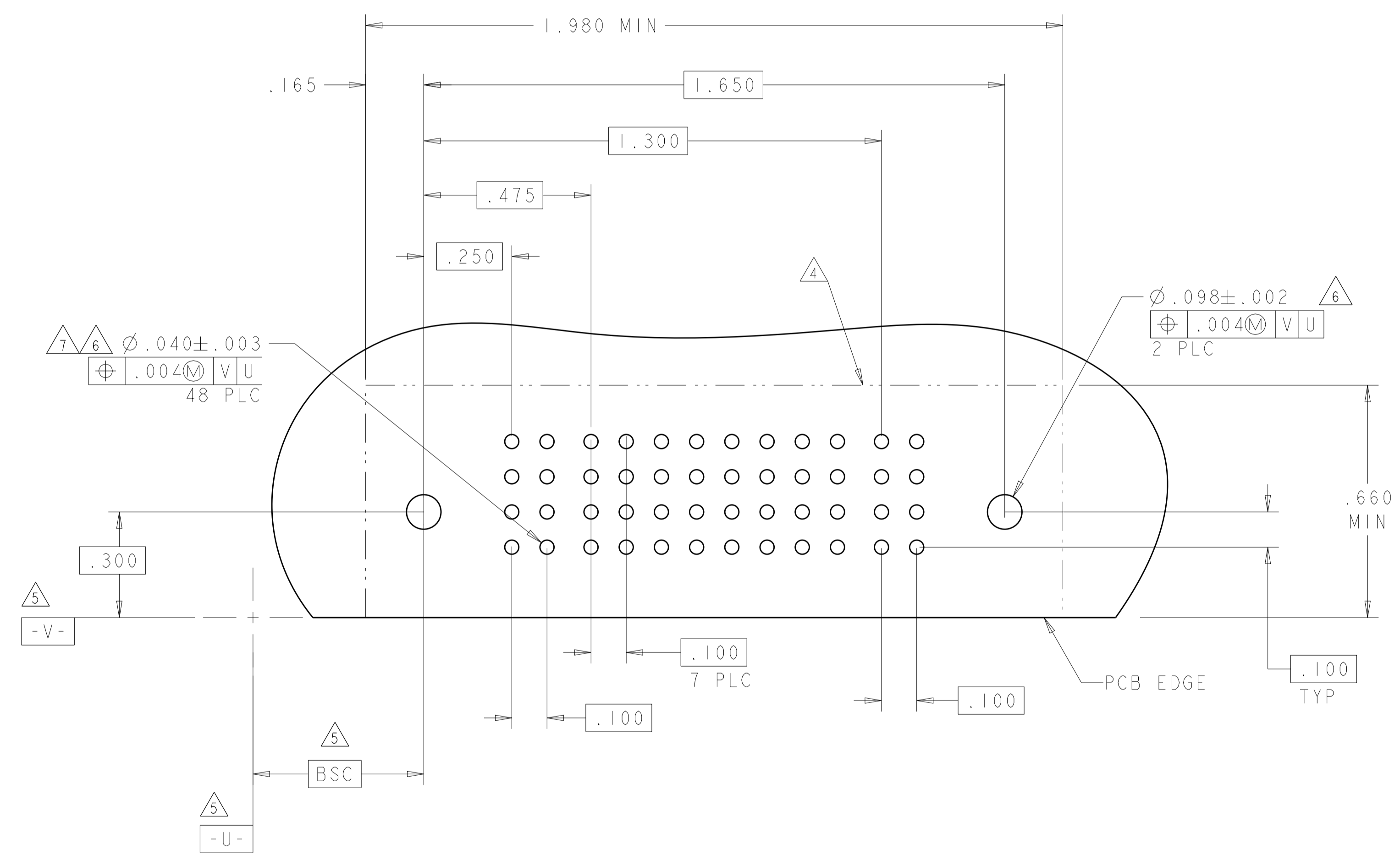
TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL

LOC		DIST		REVISIONS			
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER		SIGNAL								POWER		
		PI	P2	1	2	3	4	5	6	7	8	PI	P2	
9-6450130-9	D	PM	PM	J	J	J	J	J	J	J	J	J	J	
	C			K	K	K	F	K	K	K	K	K	K	
	B			N	N	N	N	N	N	N	N	N	N	N
	A			S	S	S	S	S	S	S	S	S	S	S
IP + 32S + IP		HD	HD									HD	HD	

(L8)

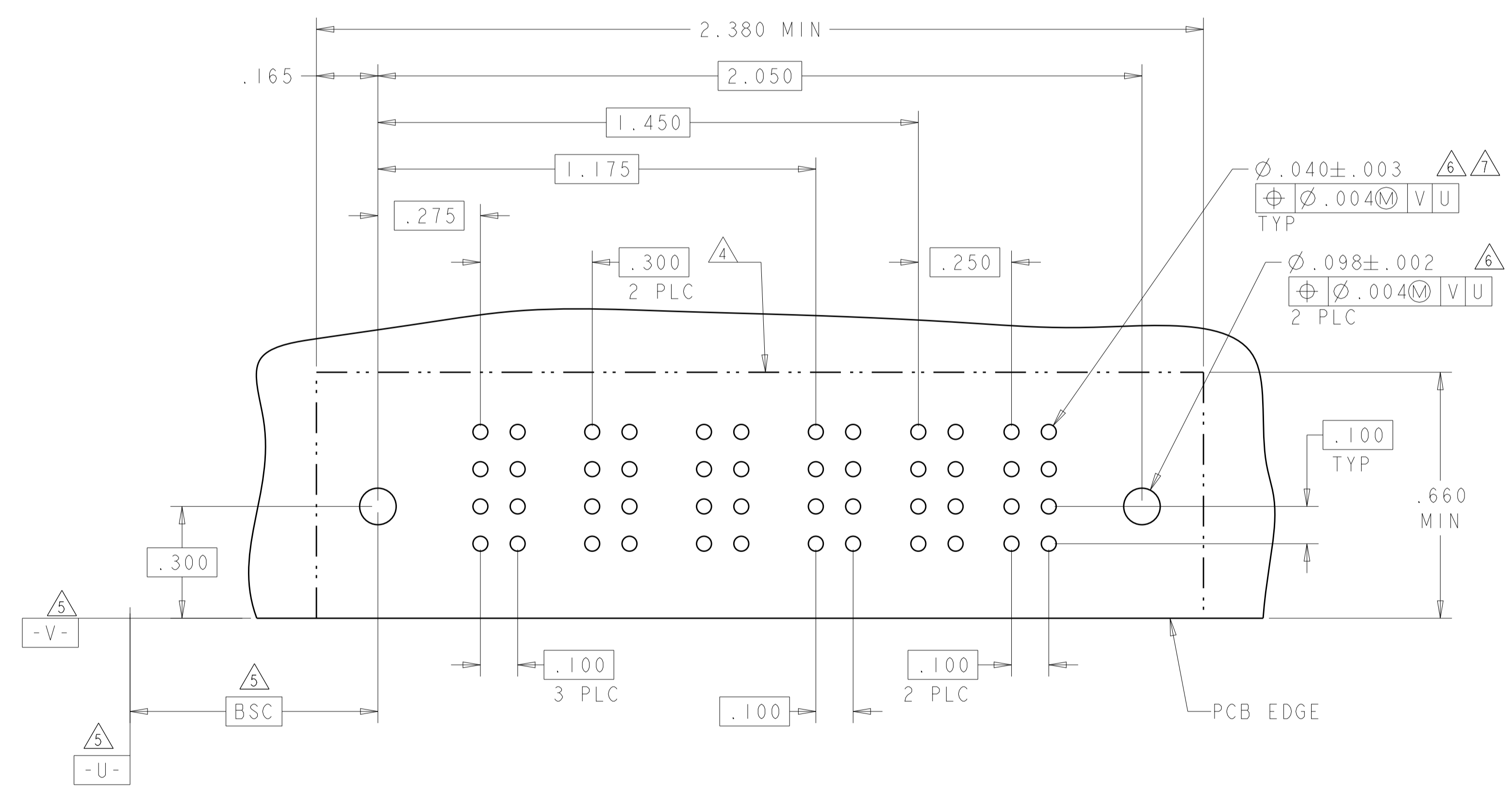


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 14FEB2005	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
0 PLC ± 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		PRODUCT SPEC: 108-1973	SIZE: A1
MATERIAL: -		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450130
FINISH: -		WEIGHT: -	RESTRICTED TO: -
Customer Drawing		SCALE: 4:1	SHEET 26 OF 28 REV: M2

LOC	DIST	REVISIONS					
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1			

(L9)

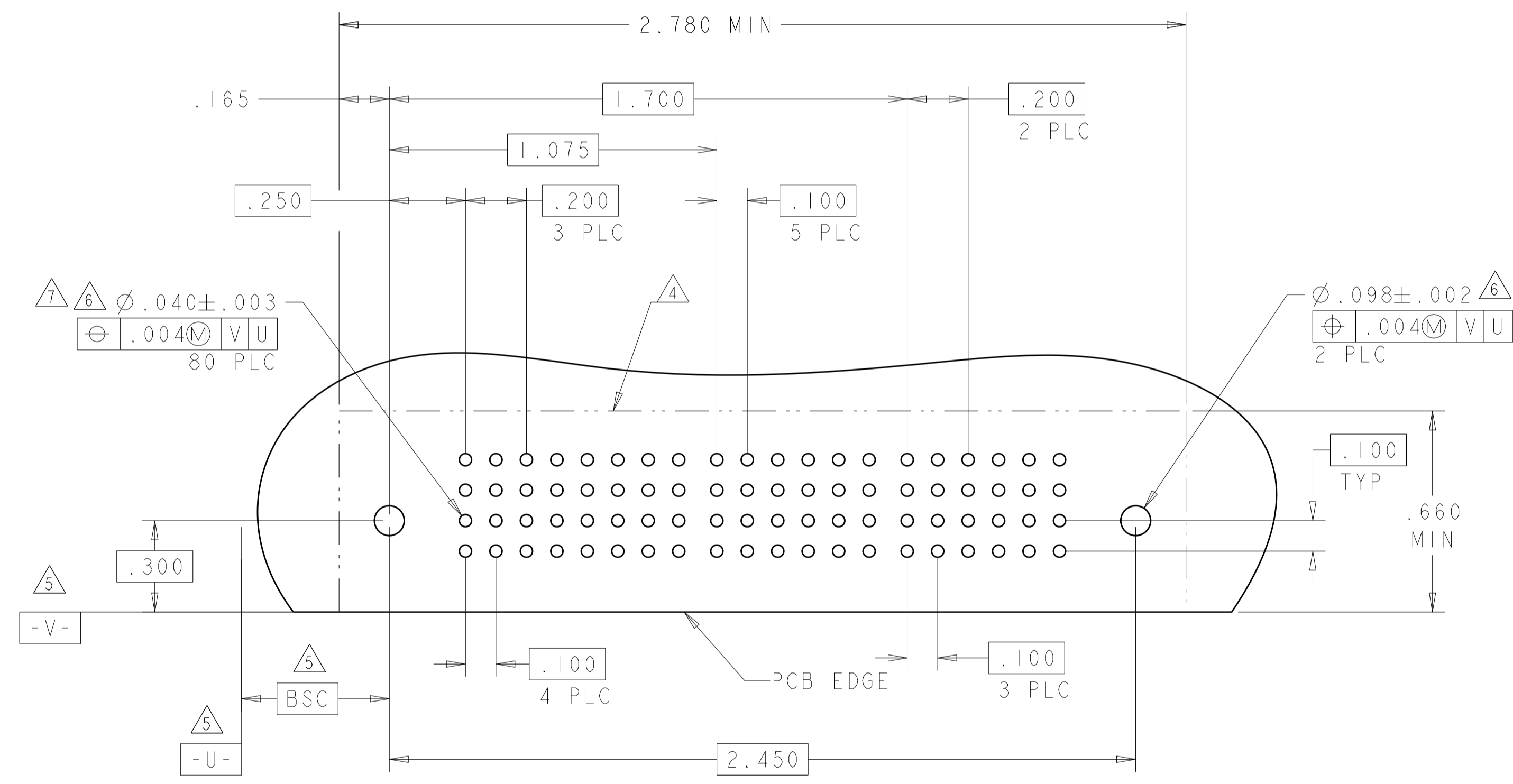
PART NUMBER	ROWS	POWER			SIGNAL		POWER	
		P1	P2	P3	1	2	P4	P5
7-6450130-1	D	PM	PM	PM	J	J	PM	PM
	C				K	K		
	B				N	N		
	A				H	S		
3ACP + 8S + 2P		HD					HD	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 14FEB2005	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
		PRODUCT SPEC: 108-1973	SIZE: CAGE CODE: DRAWING NO: 114-13038
MATERIAL: . . . FINISH: . . .		APPLICATION SPEC: 114-13038	RESTRICTED TO: A100779C=6450130
		WEIGHT: . . .	Customer Drawing
		SCALE: 4:1	SHEET 27 OF 28 REV: M2

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 14FEB2005	TE Connectivity												
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005													
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL												
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±.01</td></tr> <tr><td>2 PLC</td><td>±.01</td></tr> <tr><td>3 PLC</td><td>±.005</td></tr> <tr><td>4 PLC</td><td>±.0020</td></tr> <tr><td>ANGLES</td><td>±.2°</td></tr> </table>		0 PLC	±	1 PLC	±.01	2 PLC	±.01	3 PLC	±.005	4 PLC	±.0020	ANGLES	±.2°	PRODUCT SPEC: 108-1973	SIZE: A
0 PLC	±														
1 PLC	±.01														
2 PLC	±.01														
3 PLC	±.005														
4 PLC	±.0020														
ANGLES	±.2°														
MATERIAL: -		APPLICATION SPEC: 114-13038	CAGE CODE: -												
FINISH: -		WEIGHT: -	DRAWING NO: 6450130												
Customer Drawing		SCALE: 4:1	SHEET 28 OF 28 REV: M2												

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

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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