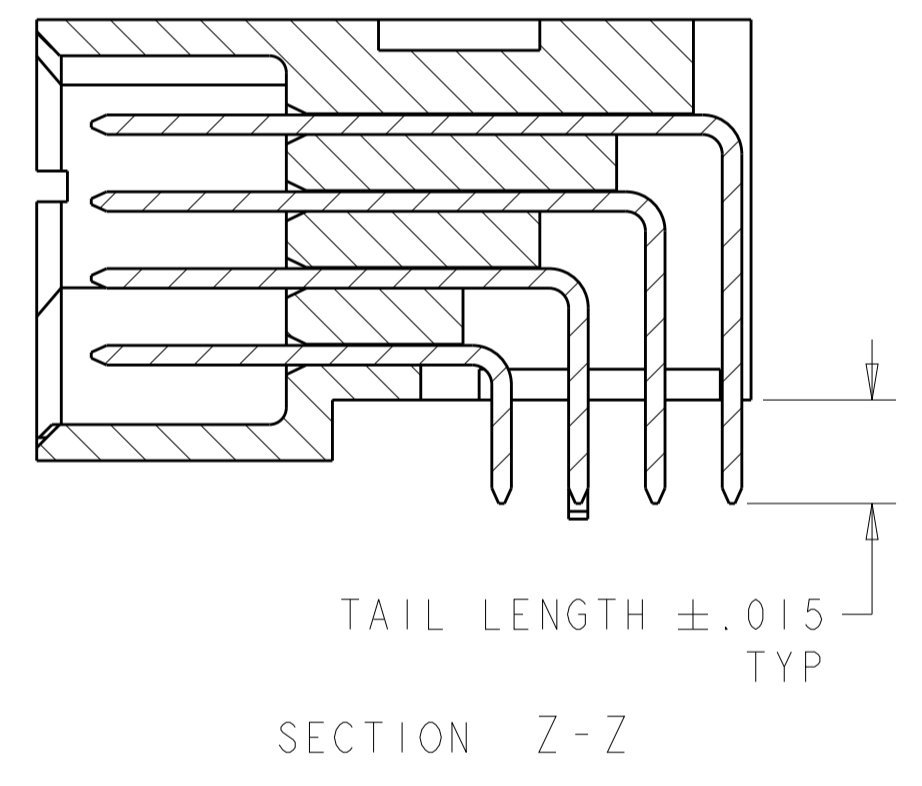
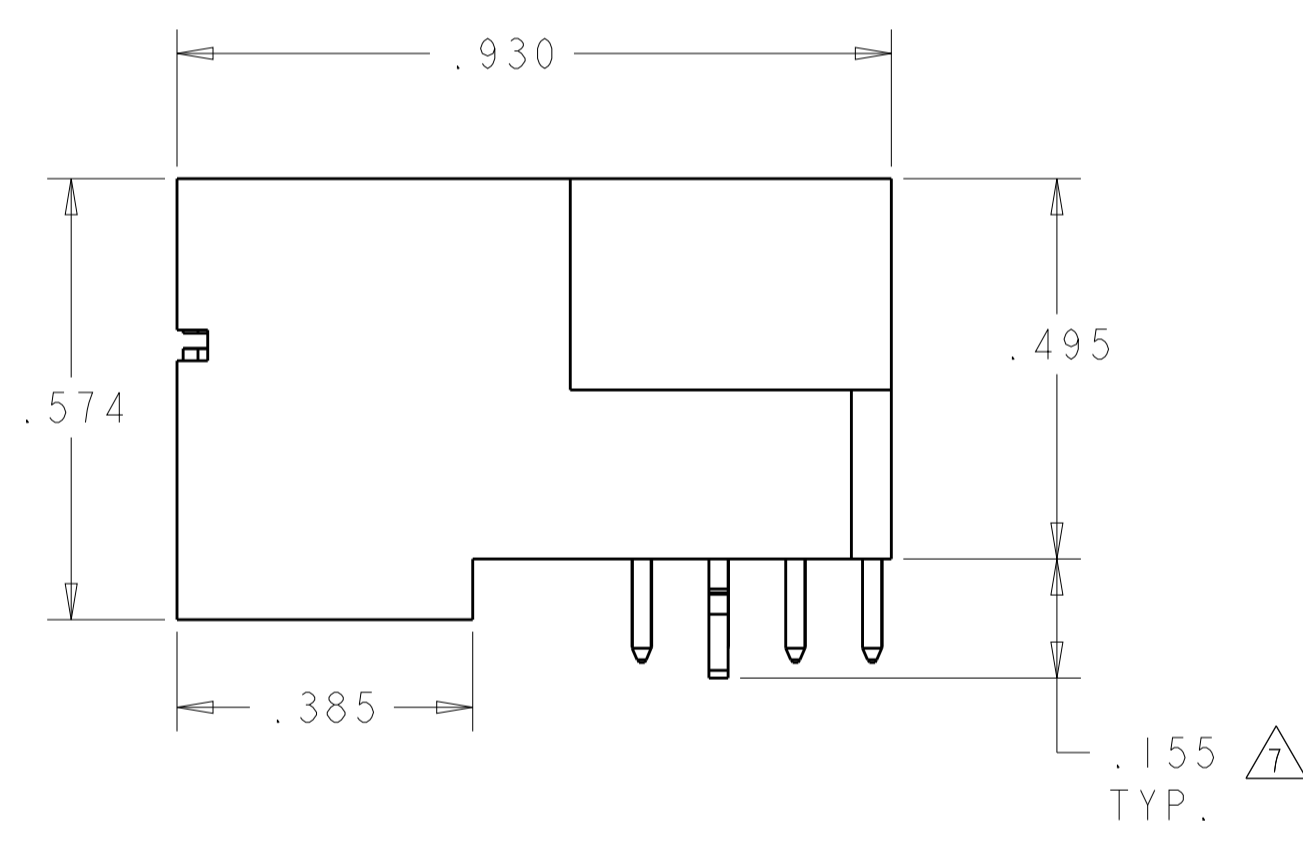
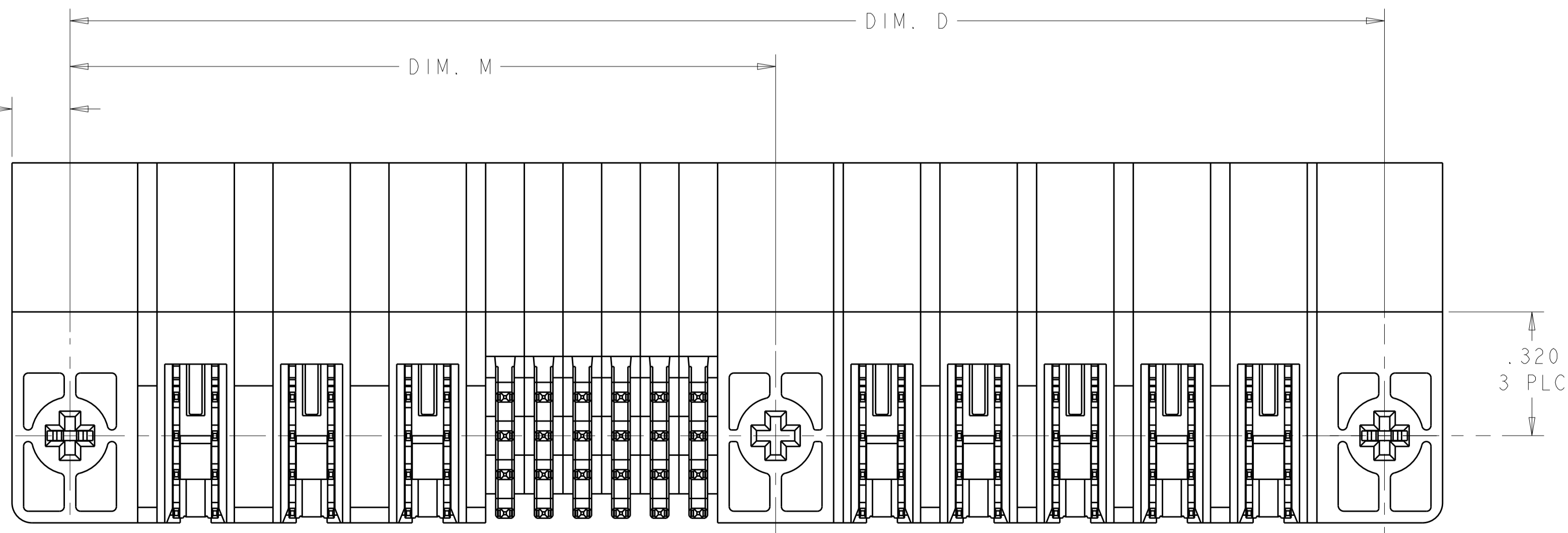
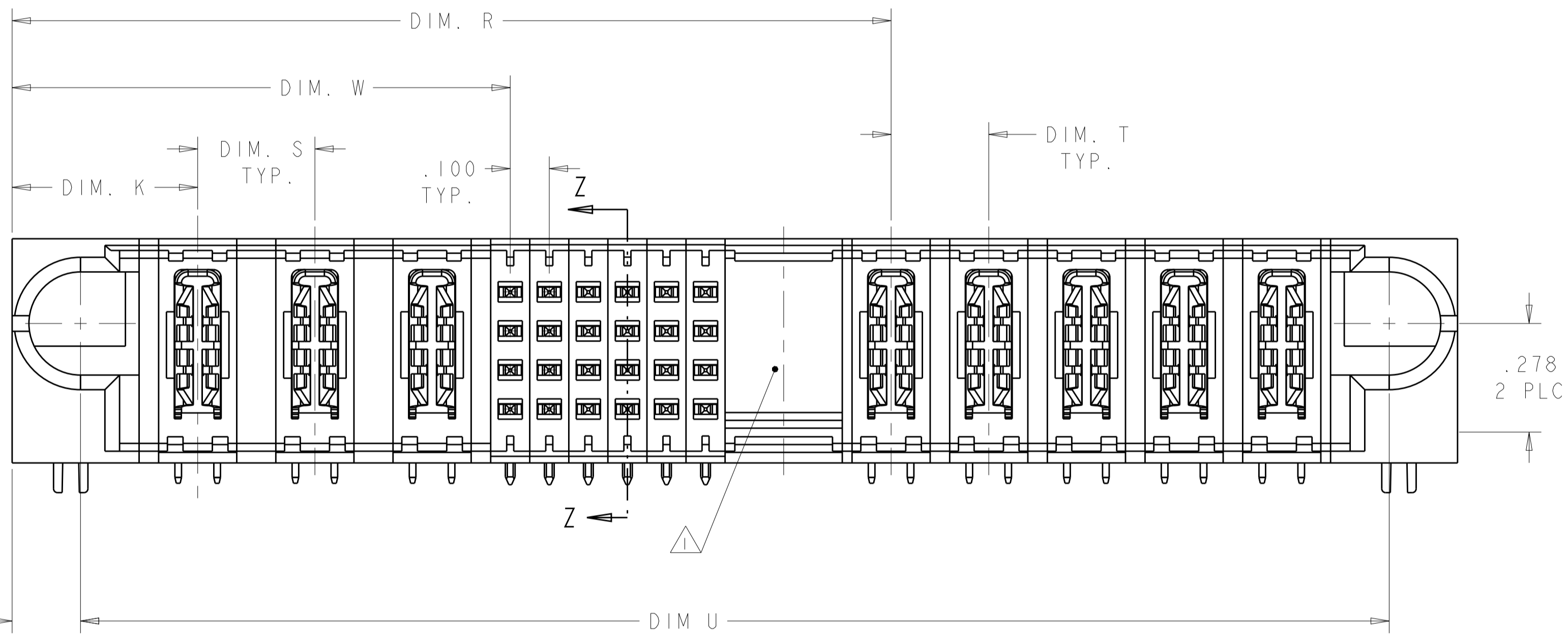
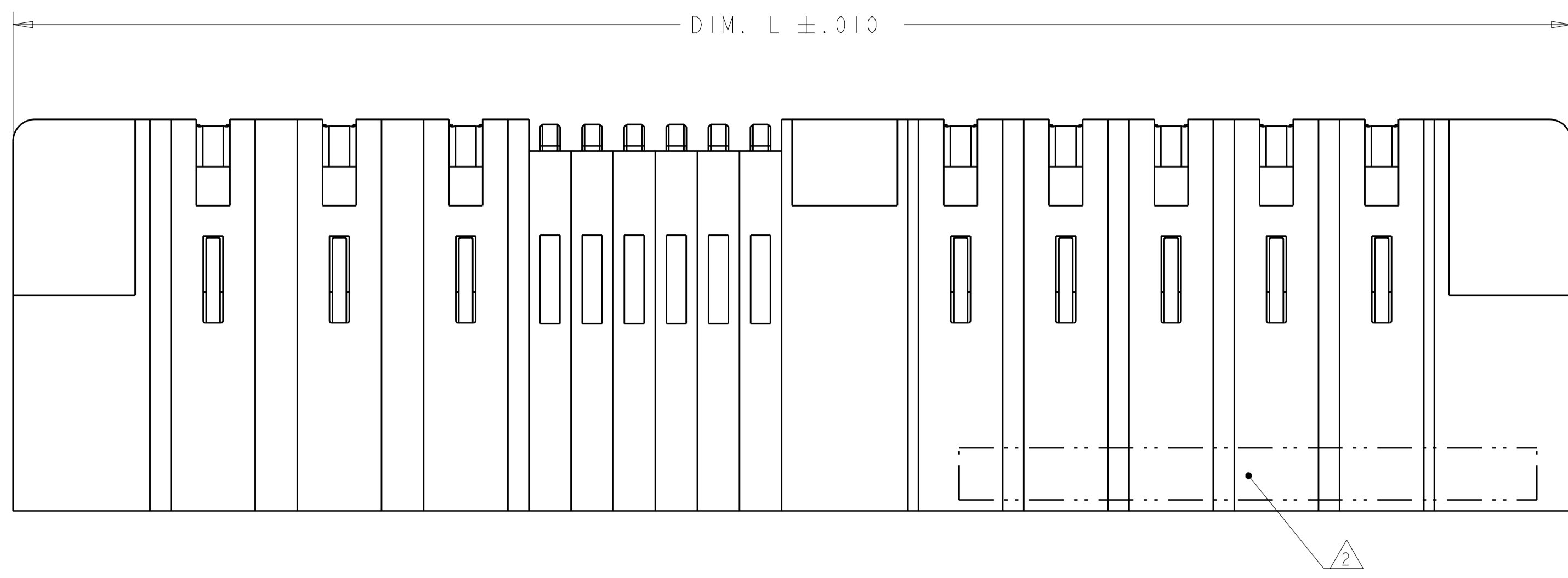


LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD		
L9		REV PER ECR-12-010228	07JUN2012	AY	SZ		
M1		ADD 5-6450130-3	25JUL2012	OL	SZ		



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm .01$ 1 PLC $\pm .01$ 2 PLC $\pm .01$ 3 PLC $\pm .005$ 4 PLC $\pm .0020$ ANGLES $\pm 30^\circ$	DWN: R.GRZYBOWSKI 4FEB2005 CHK: M.PERCHEK 14FEB2005 APVD: M.PERCHEK 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
MATERIAL: 3	FINISH: 4	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	SIZE: A1 CAGE CODE: C=6450130 DRAWING NO: 100779
Customer Drawing		SCALE: 4:1	SHEET 1 OF 28 REV M2

STE TE Connectivity

LOC	DIST	REV	DATE	BY	APPV
ES	00				
REVISIONS					
DESCRIPTION					
DATE					
BY					
APPV					

- △ 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

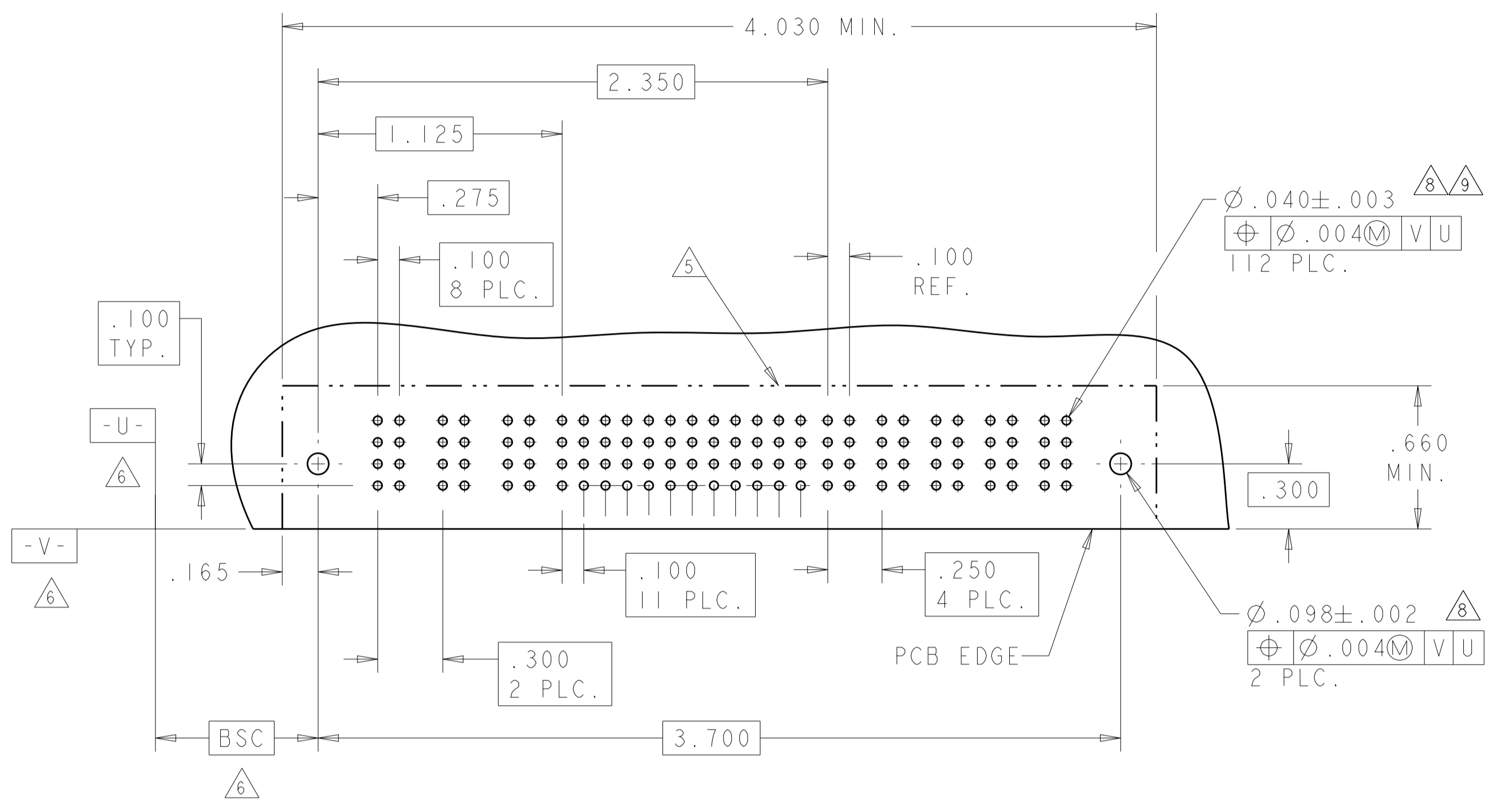
(L9) PART IS SHEET 27

DIM U	DIM S	DIM T	DIM R	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION	PART NUMBER
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

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 + 1P	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 + 1P	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

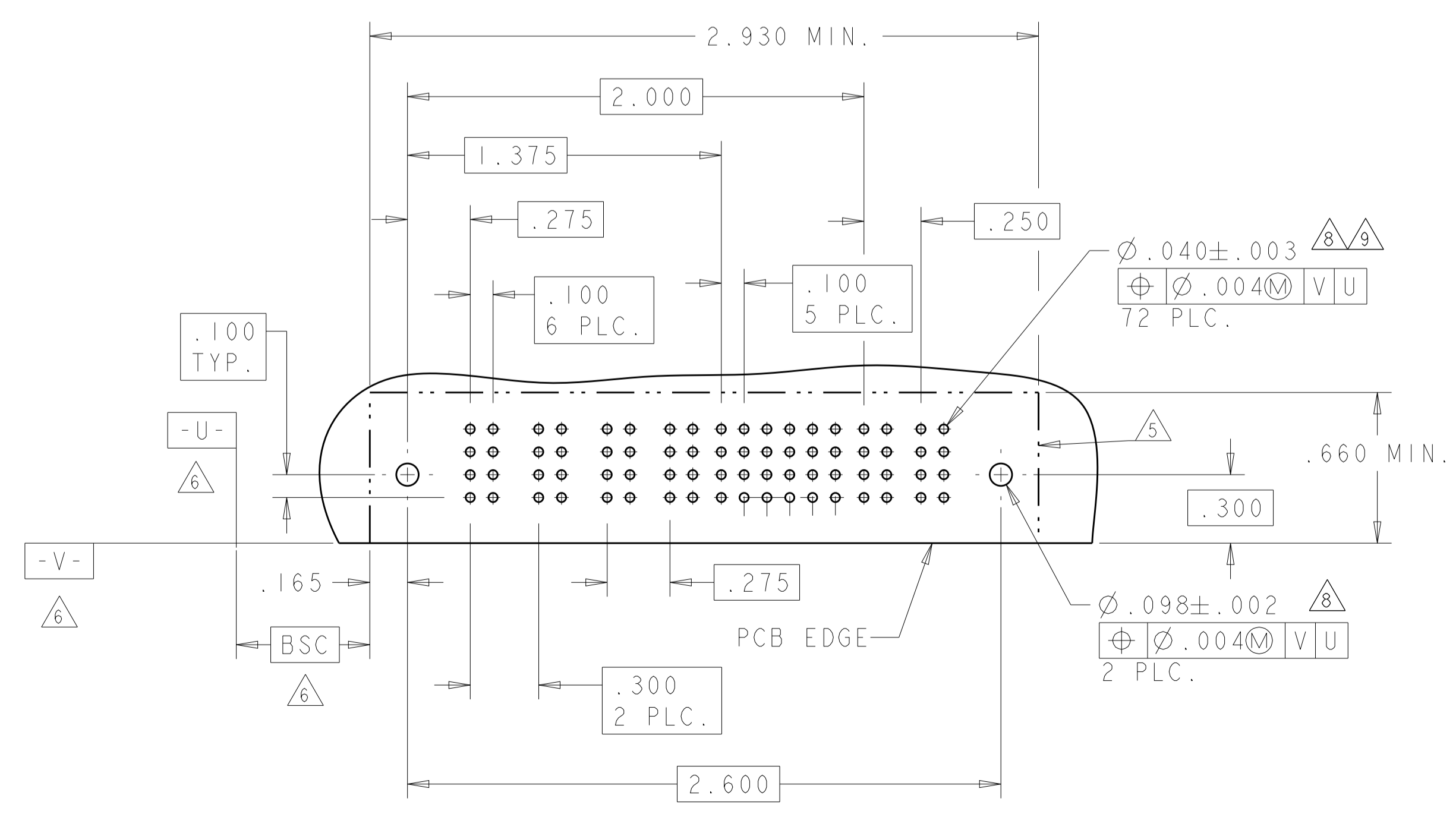
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01, 1 PLC ±.01, 2 PLC ±.01, 3 PLC ±.005, 4 PLC ±.002, ANGLES ±.002. MATERIAL: FINISH: THIS DRAWING IS A CONTROLLED DOCUMENT. DWG: R. GRZYBOWSKI, CHK: M. PERCHERKE, APVD: M. PERCHERKE, DATE: 4FEB2005, NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL, PRODUCT SPEC: 108-1973, APPLICATION SPEC: 114-13038, WEIGHT: A100779, SCALE: 4:1, SHEET 2 OF 28, REV: M2

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
3ACP + 48S + 5P																								



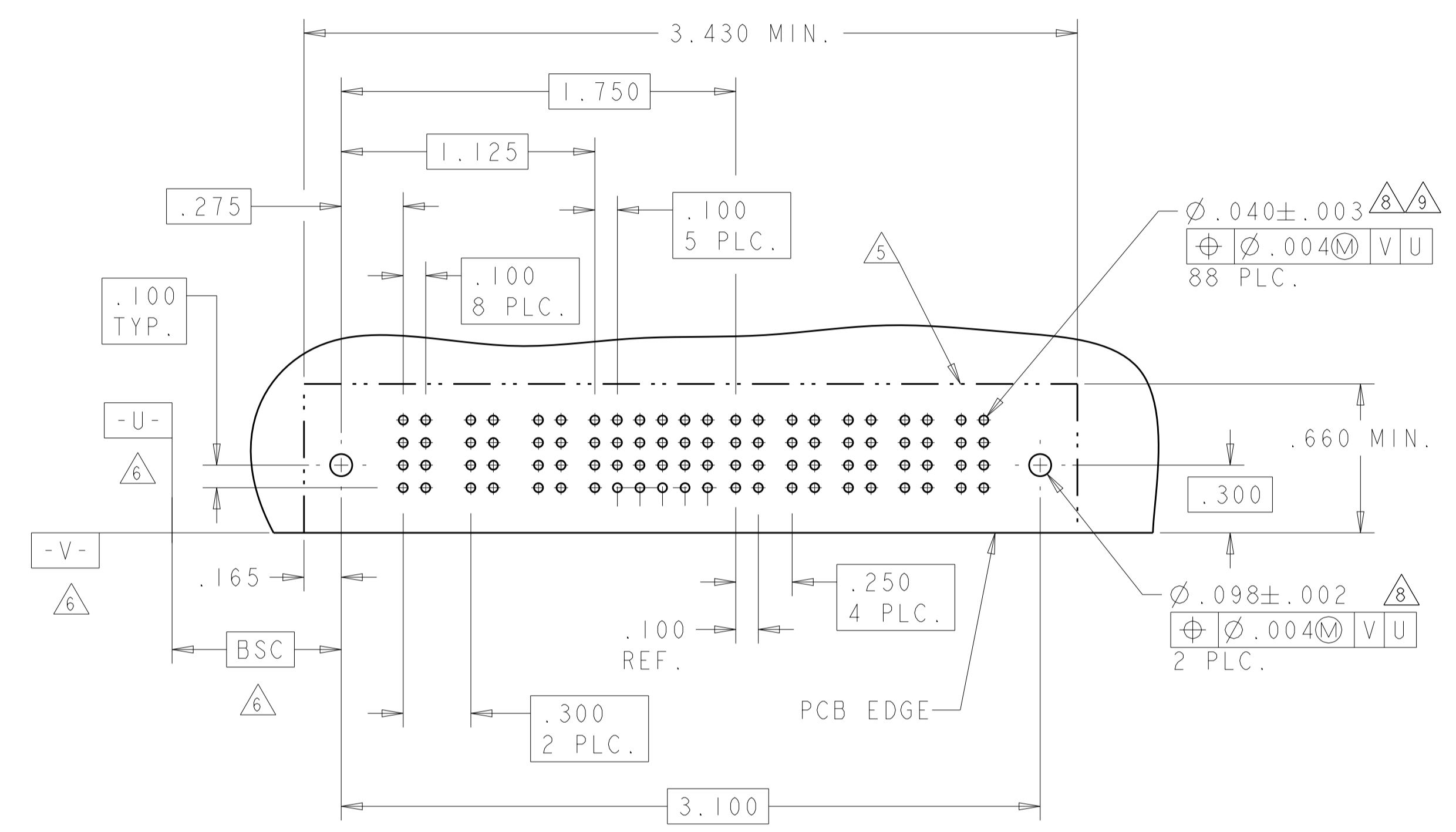
NO CONTACT LOADED

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				
3ACP + 1P + 24S + 2P															



LOC	DIST	REV	DATE	BY	APPV
ES	00				

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	PM
					K	K	F	K	K	K							
					N	N	N	N	N	G							
					S	S	H	S	S	S							
3ACP + 24S + 5P																	



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			

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

DIMENSIONS: INCHES
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±.
 1 PLC ±.01
 2 PLC ±.01
 3 PLC ±.005
 4 PLC ±.0020
 ANGLES ±.020

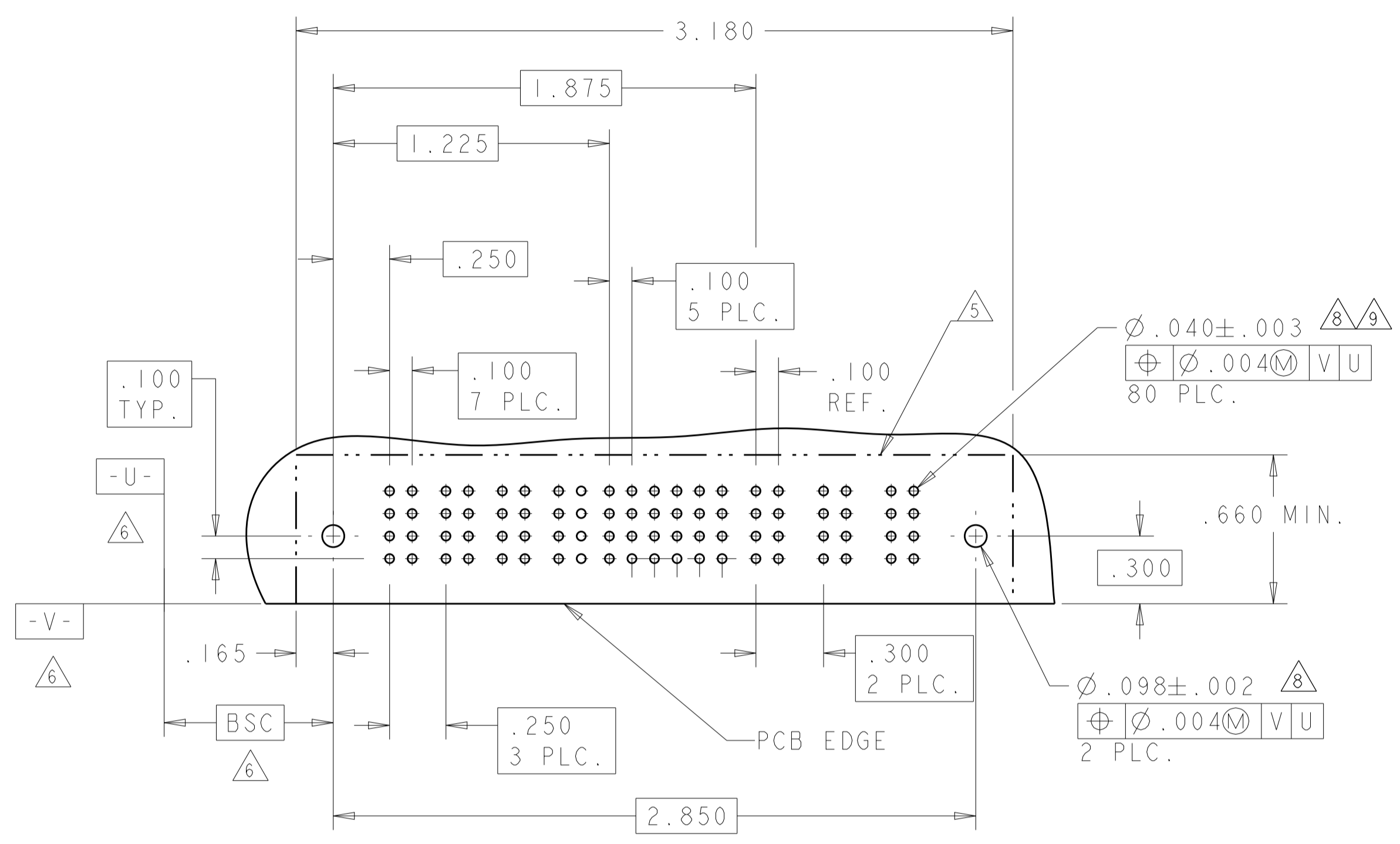
MATERIAL: FINISH:

Customer Drawing

SCALE: 4:1 SHEET 3 OF 28 REV: M2

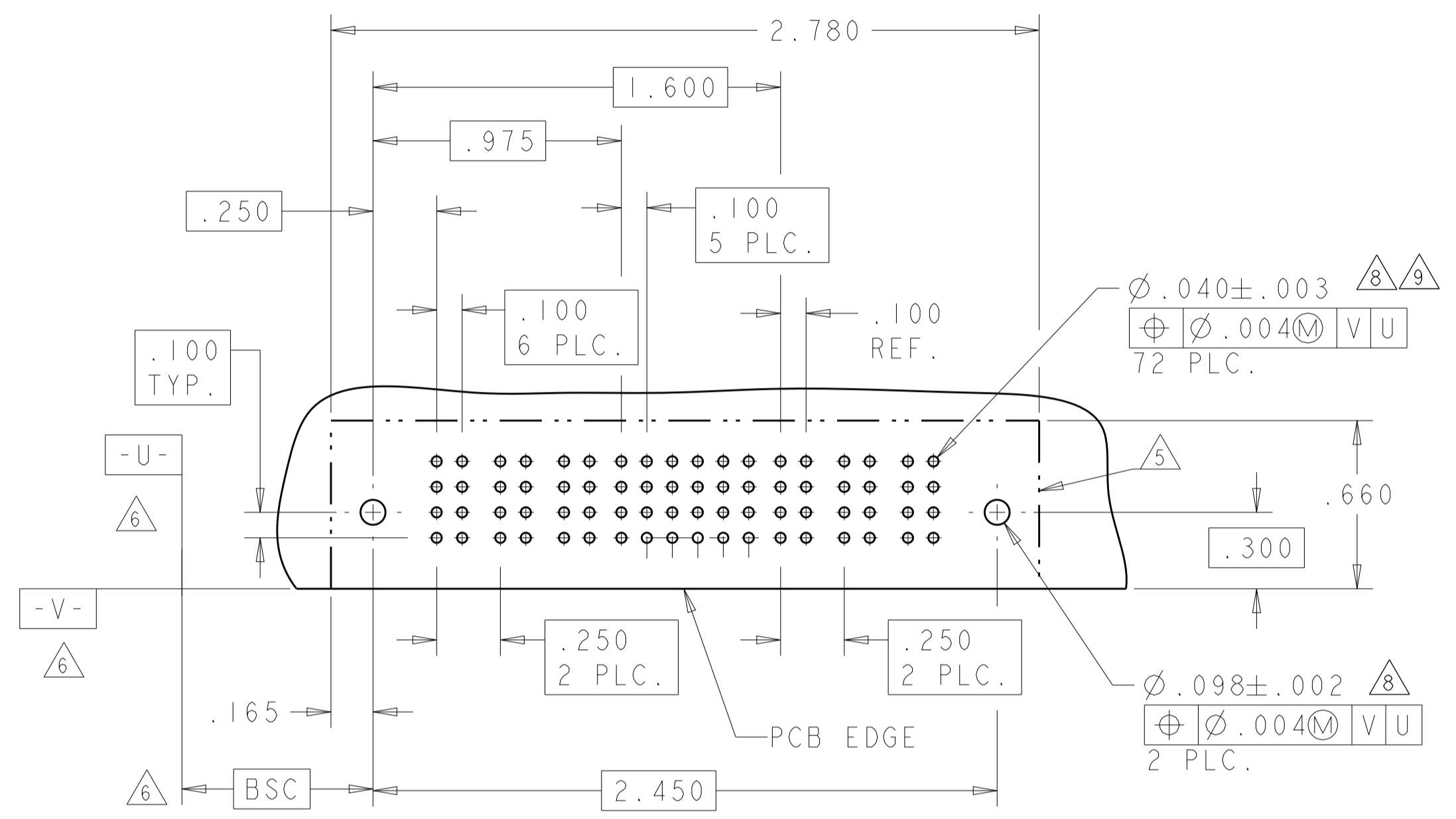
STE TE Connectivity
 NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
 PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038
 SIZE: A100779 C=6450130
 RESTRICTED TO:

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



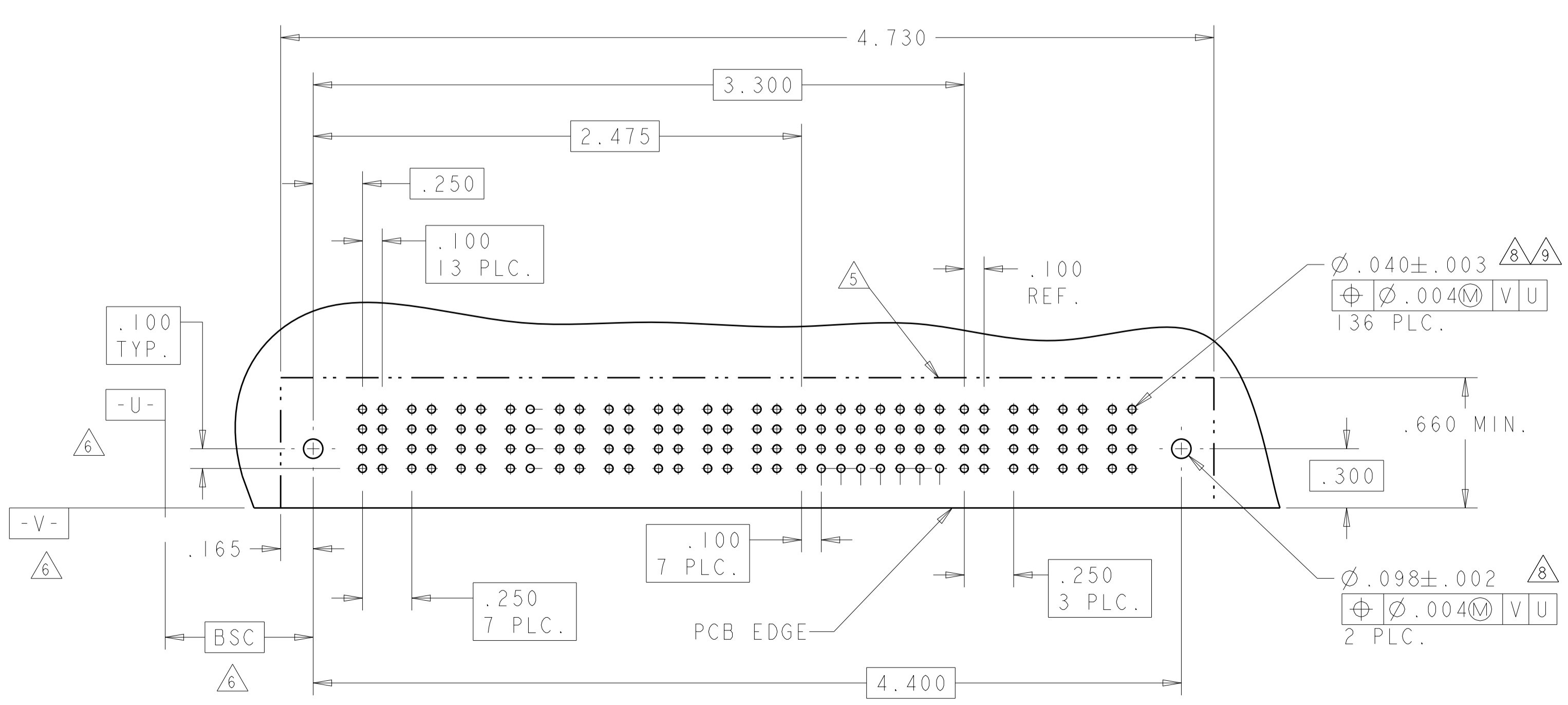
LOC	DIST	REVISIONS		
ES	00	REV	DATE	BY
		1	SEE SHEET 1	

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
					K	K	K	K	K	K				
					N	N	G	N	N	N				
					S	S	S	S	S	S				
3P + 24S + 3P														

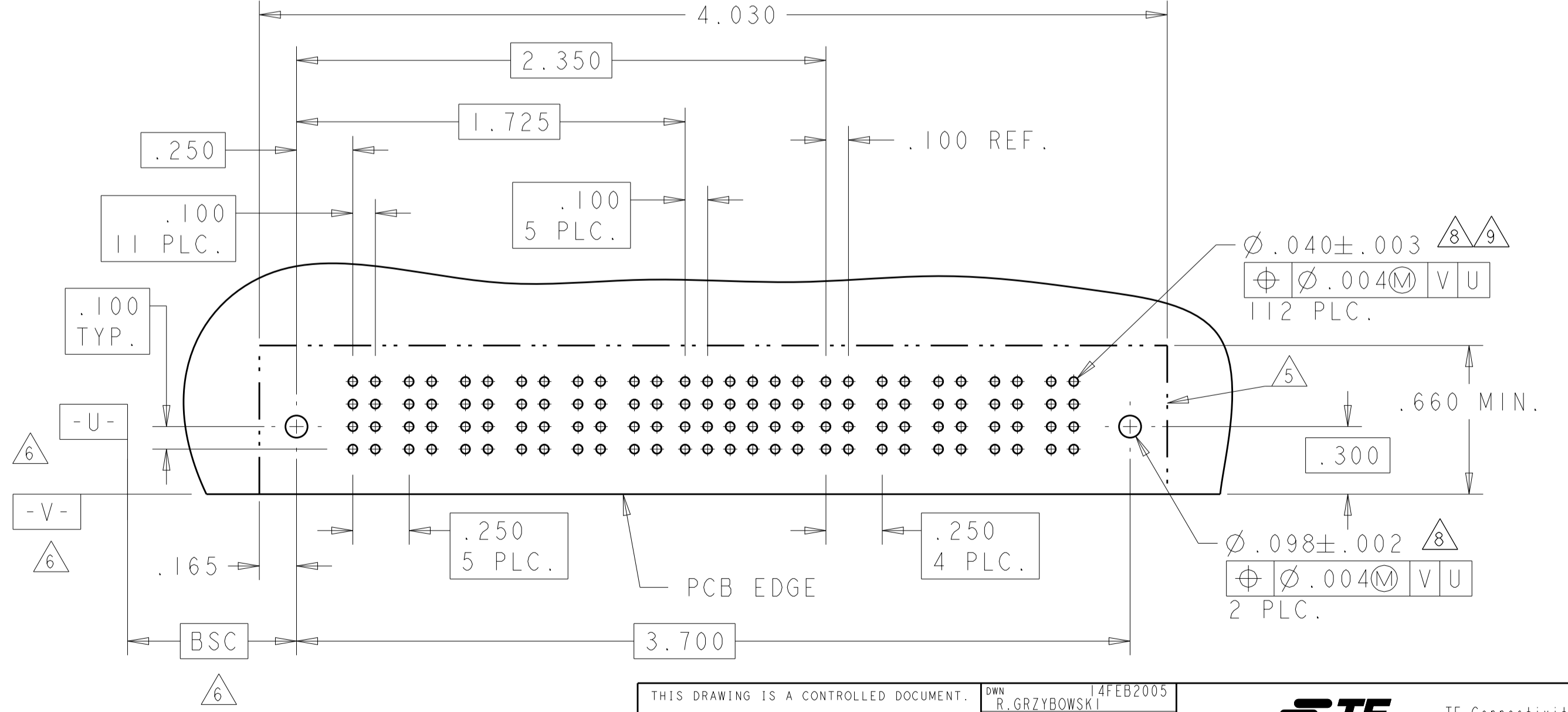


NO CONTACT LOADED

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	J	J	J	J	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	S
9P + 32S + 4P																												



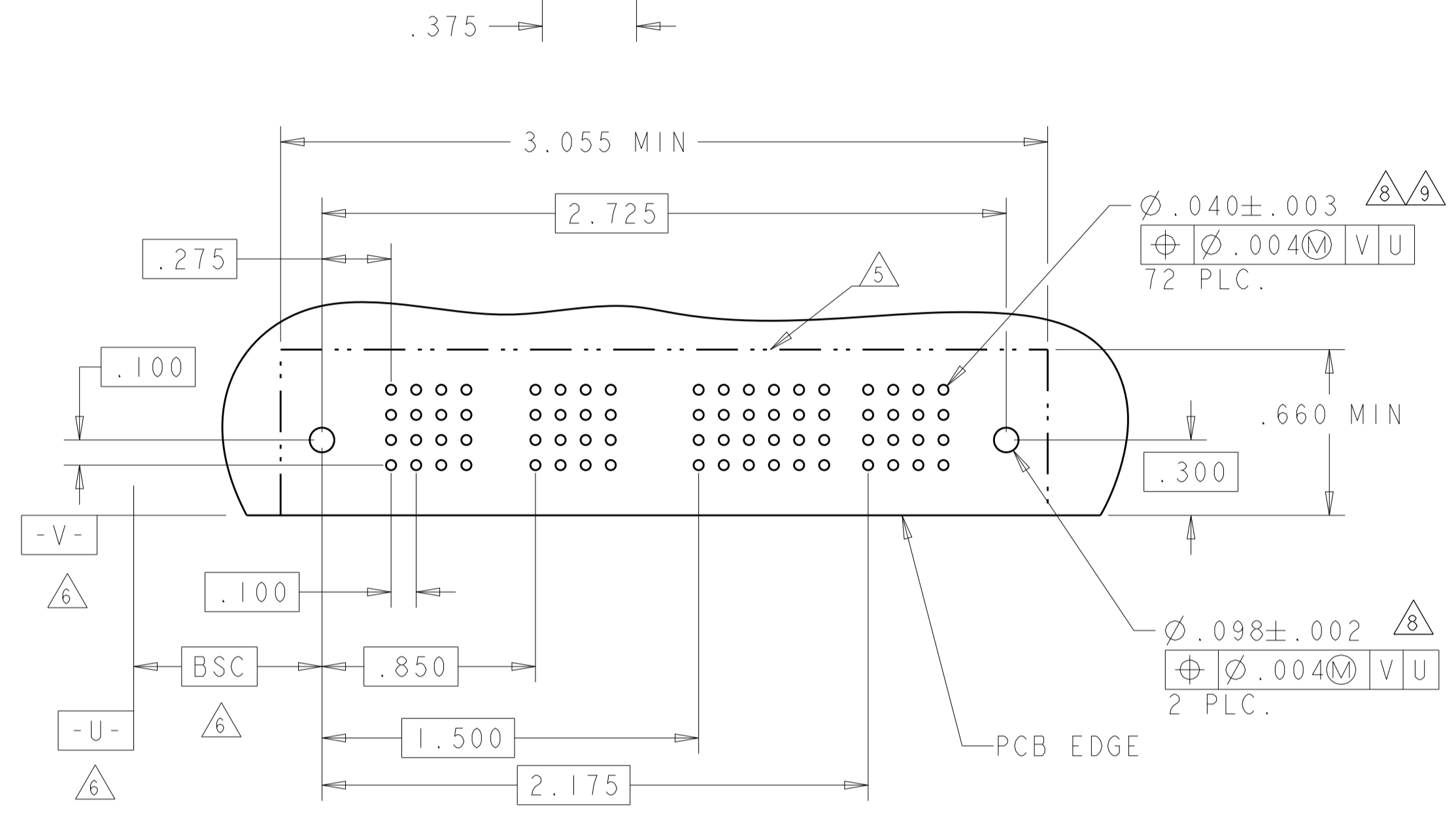
PART NUMBER	ROWS	POWER						SIGNAL						POWER							
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	P11			
6450130-7	D C B A	PM	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	HD
							K	K	F	K	K	K									
							N	N	N	N	N	G									
							S	S	H	S	S	S									
6P + 24S + 5P																					



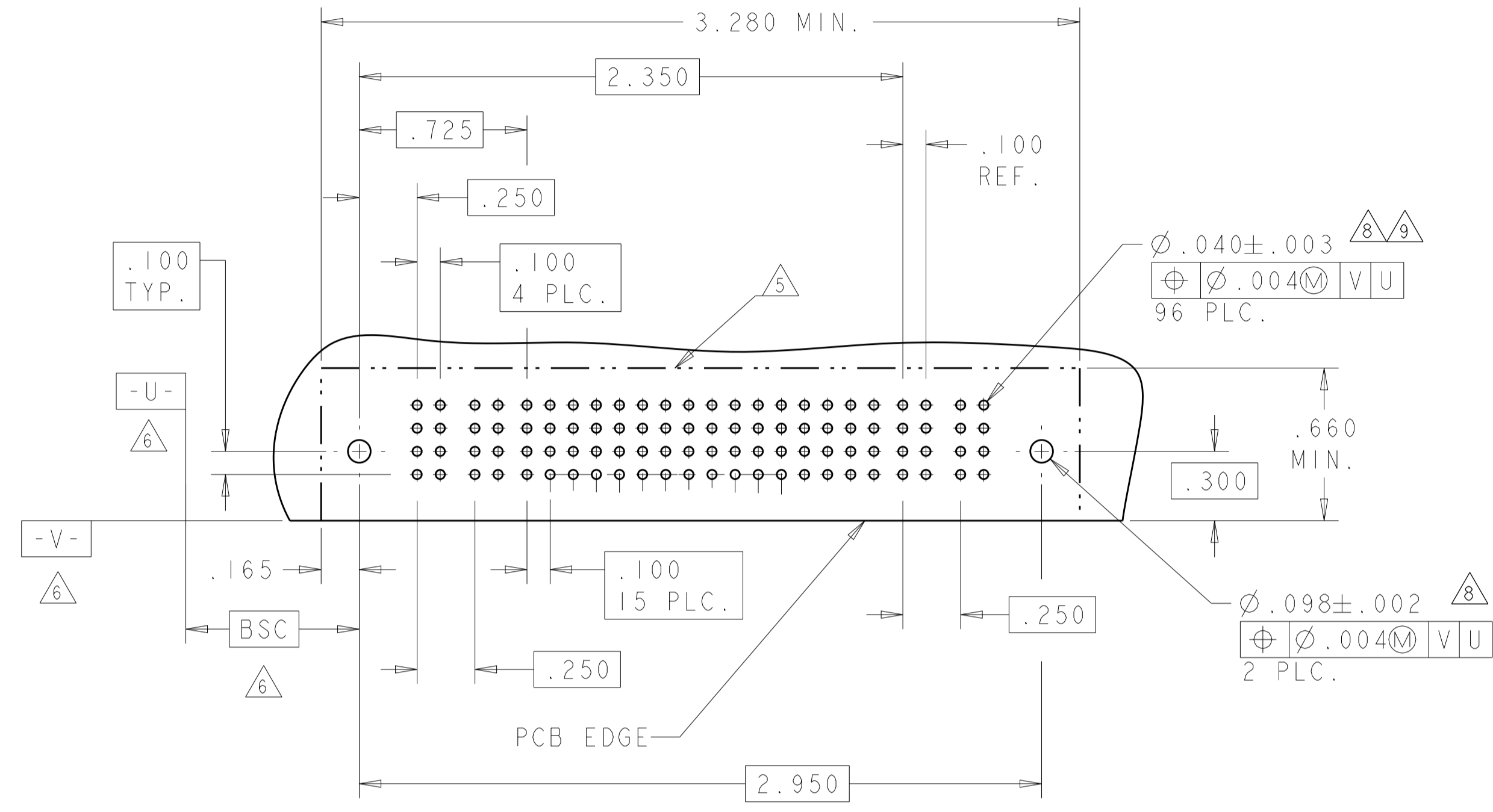
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01, 1 PLC ±.01, 2 PLC ±.01, 3 PLC ±.005, 4 PLC ±.002, ANGLES ±.0020. MATERIAL: FINISH: THIS DRAWING IS A CONTROLLED DOCUMENT. OWN: R. GRZYBOWSKI 14FEB2005, CHK: M. PERCHERKE 14FEB2005, APVD: M. PERCHERKE 14FEB2005. PRODUCT SPEC: 108-1973, APPLICATION SPEC: 114-13038, WEIGHT: A100779, CAGE CODE: 6450130, SCALE: 4:1, SHEET: 4 OF 28, REV: M2. STC TE Connectivity. RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL.

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

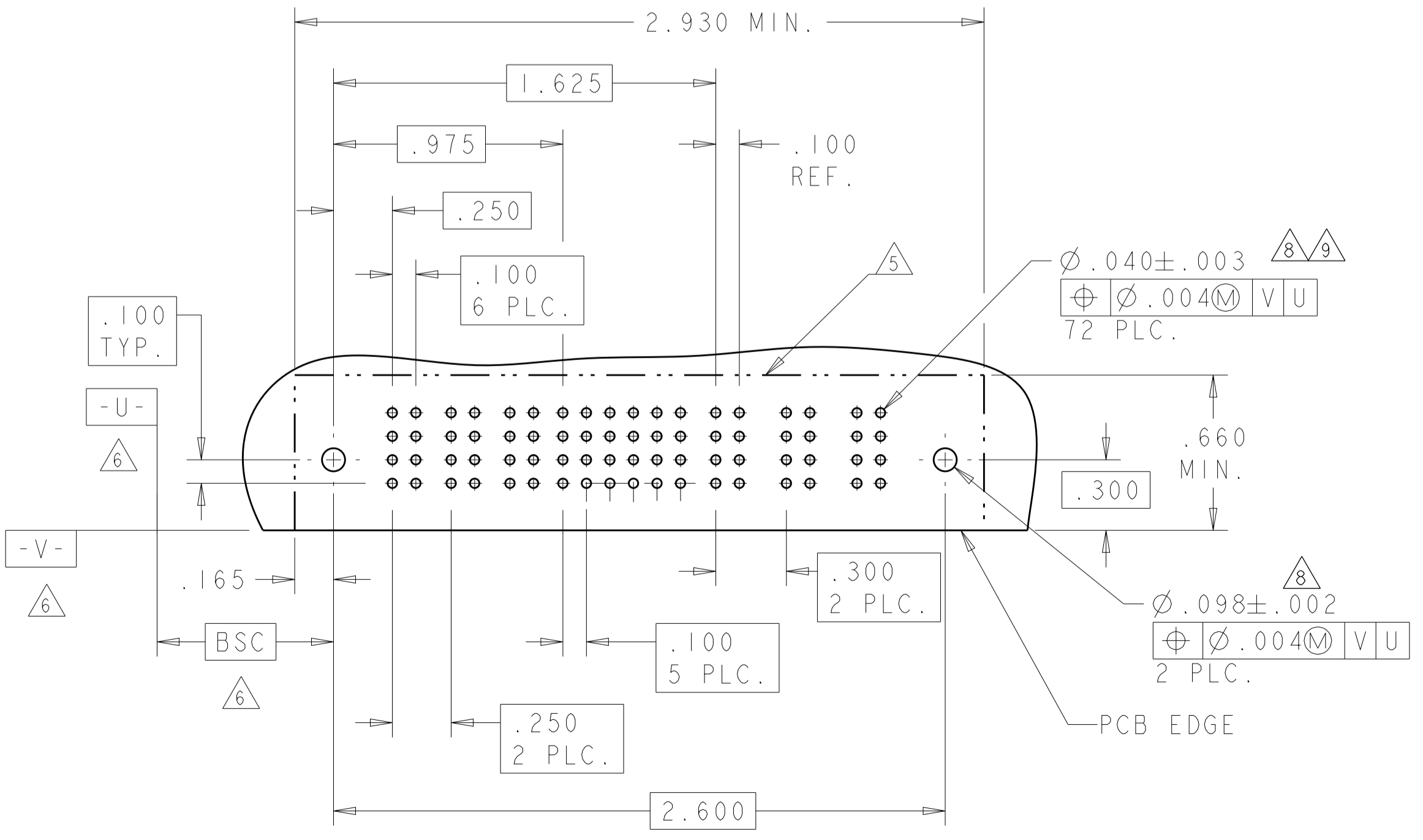
PART NUMBER	ROWS	HD	POWER					SIGNAL						POWER		HD	
			P1	P2	P3	P4	P5	1	2	3	4	5	6	P6	P7		
6450130-8	D C B A		PM	PM	PM	PM	J	J	J	J	J	J	J	J	PM	PM	
5P + 24S + 2P							K	K	K	K	K	K	K				
.375							N	N	N	N	N	N	Ⓞ				
							S	S	S	S	S	S	S				



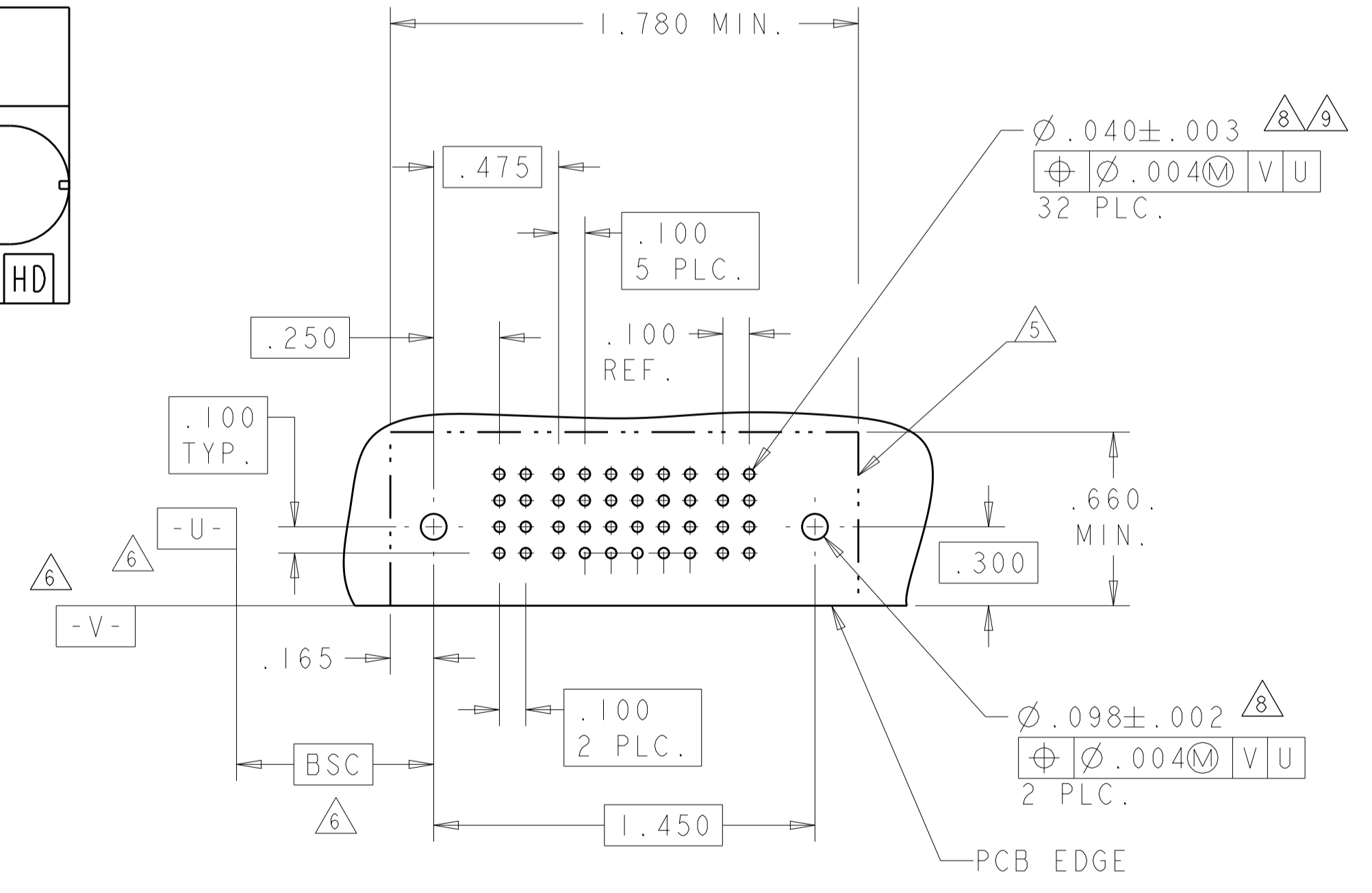
PART NUMBER	ROWS	HD	POWER		SIGNAL												POWER		HD			
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14		15	16	P3
I-6450130-0	D C B A		PA	PA	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	PA	PA
2P + 64S + 2P					A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3		
					A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2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



PART NUMBER	ROWS	HD	POWER			SIGNAL						POWER			HD	
			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						
3P + 24S + 3ACP						Y	A3	A3	A3	A3						
						R	A2	A2	A2	A2						
						O	A1	A1	A1	O						



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



THIS DRAWING IS A CONTROLLED DOCUMENT. **STE** TE Connectivity

DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm .01$, 2 PLC $\pm .01$, 3 PLC $\pm .01$, 4 PLC $\pm .005$, 5 PLC $\pm .002$, ANGLES $\pm .002$.

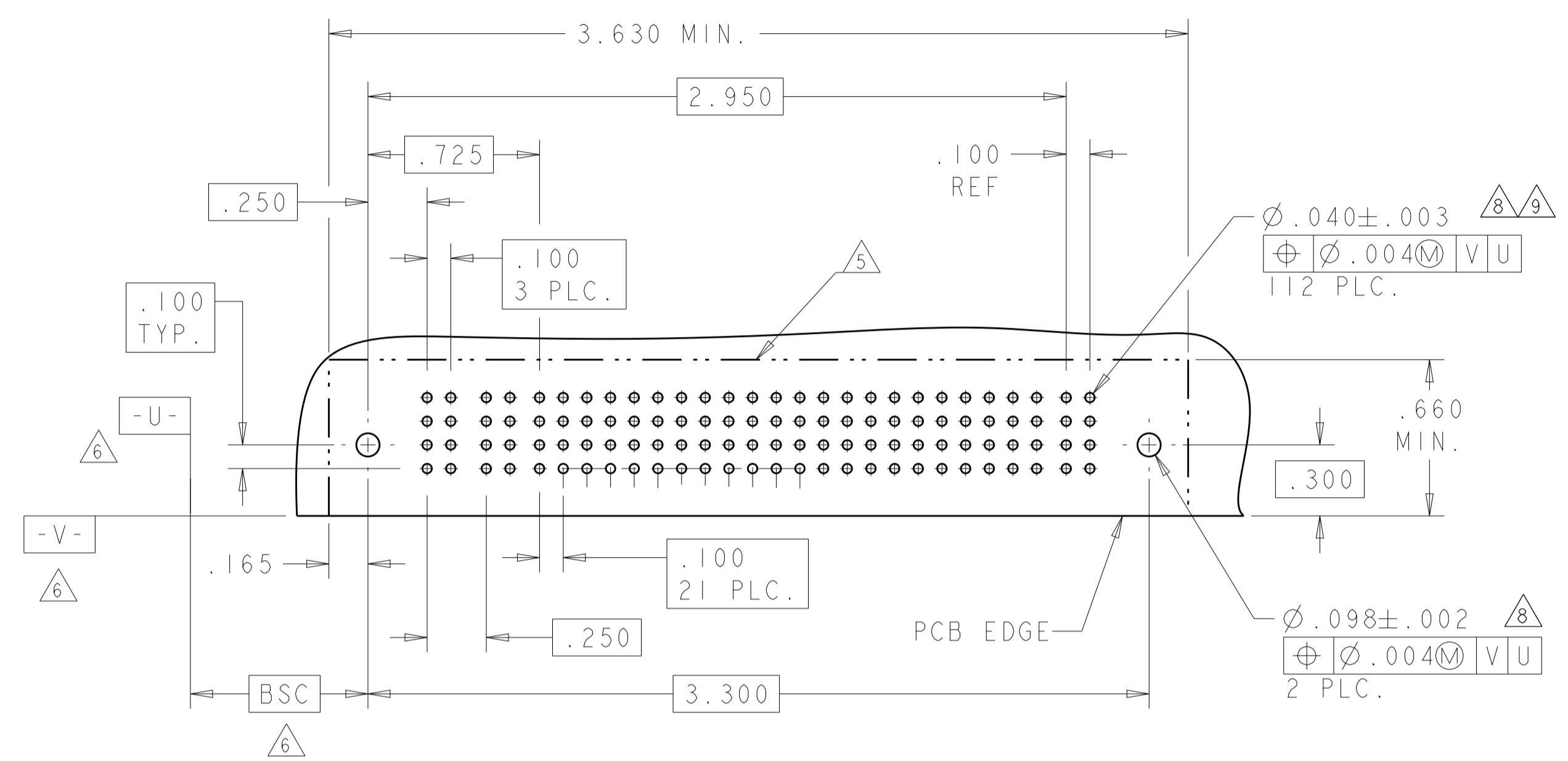
MATERIAL: FINISH:

OWN: R.GRZYBOWSKI 14FEB2005	CHK: M.PERCHEK 14FEB2005	APVD: M.PERCHEK 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	WEIGHT: -	SIZE: A100779
CAGE CODE: -	DRAWING NO: 6450130	SCALE: 4:1	SHEET: 5 OF 28

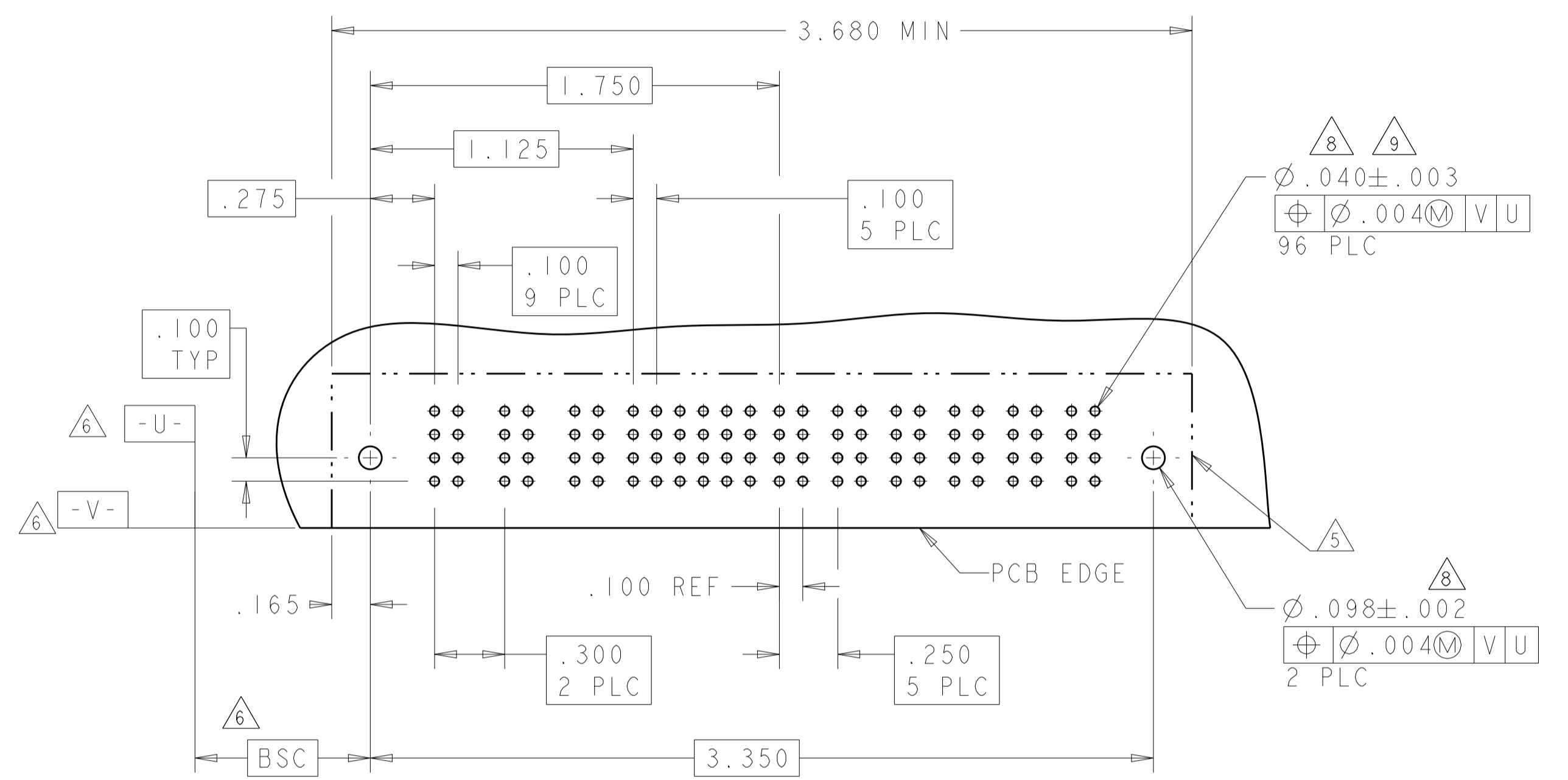
Customer Drawing

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

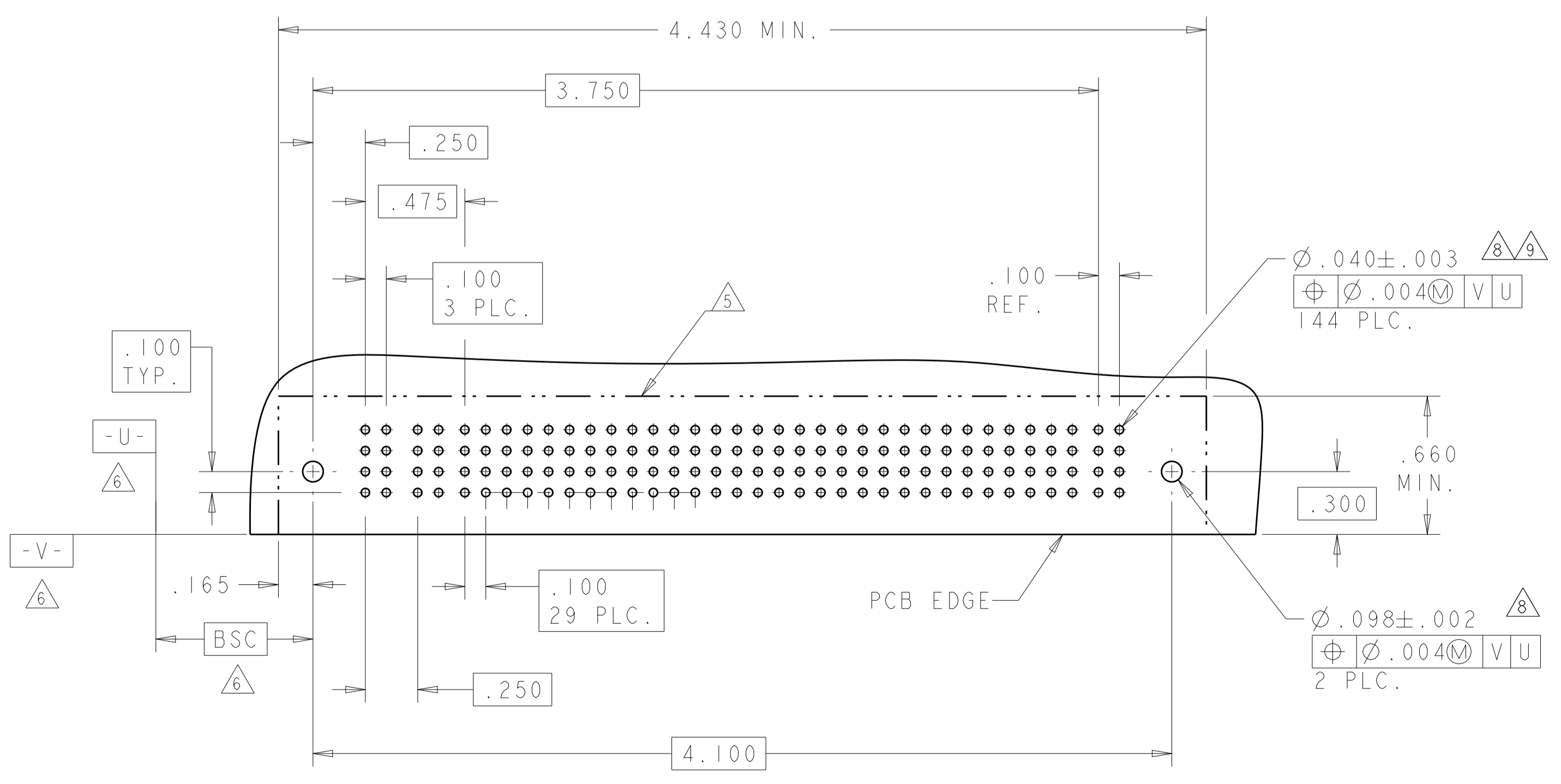
PART NUMBER	ROWS	POWER		SIGNAL																			POWER						
		P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	P3			
1-6450130-2	D	PA	PA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	PA		
	C			Y	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3		A	
	B			A	2	A	2	A	2	A	2	A	2	A	2	A	2	A	2	A	2	A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



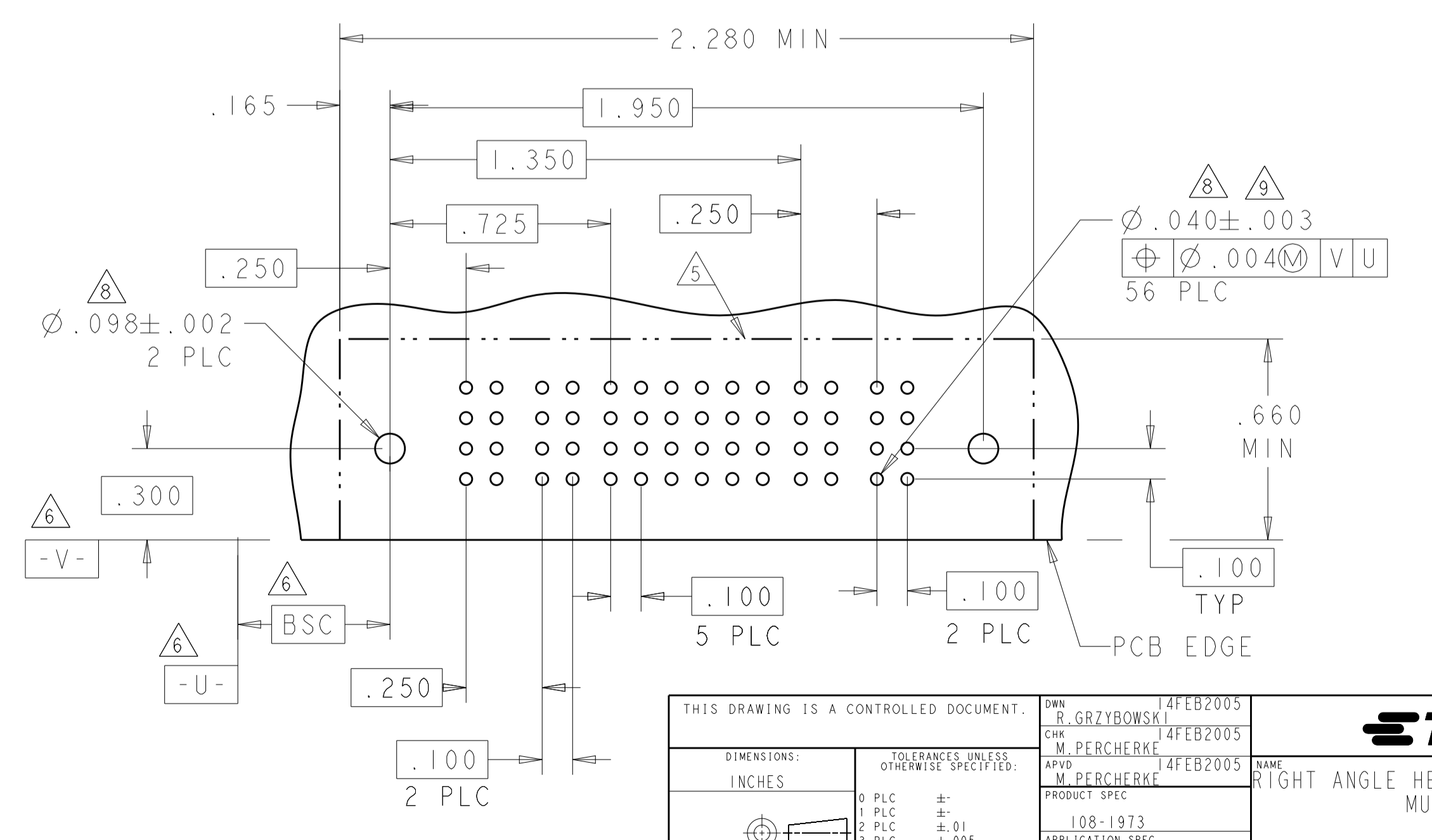
PART NUMBER	ROWS	POWER			SIGNAL						POWER					
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	P9
1-6450130-4	D	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM
	C				K	K	K	K	K	K						
	B				N	N	N	N	N	N						
	A				H	S	S	S	S	S						
3ACP + 24S + 6P																



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	PA	PA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	PA		
	C			Y	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3		A	
	B			A	2	A	2	A	2	A	2	A	2	A	2	A	2	A	2	A	2	A	2	A	2	A	2	A	2	A	2	A	2	A	2	A		2	A
	A			O	A	1	A	1	A	1	A	1	A	1	A	1	A	1	A	1	A	1	A	1	A	1	A	1	A	1	A	1	A	1	A	1		O	
2P + 120S + 1P																																							



PART NUMBER	ROWS	POWER		SIGNAL					POWER		
		P1	P2	1	2	3	4	5	6	P3	P4
1-6450130-7	D	PM	PM	E	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			
2P + 24S + 2P											

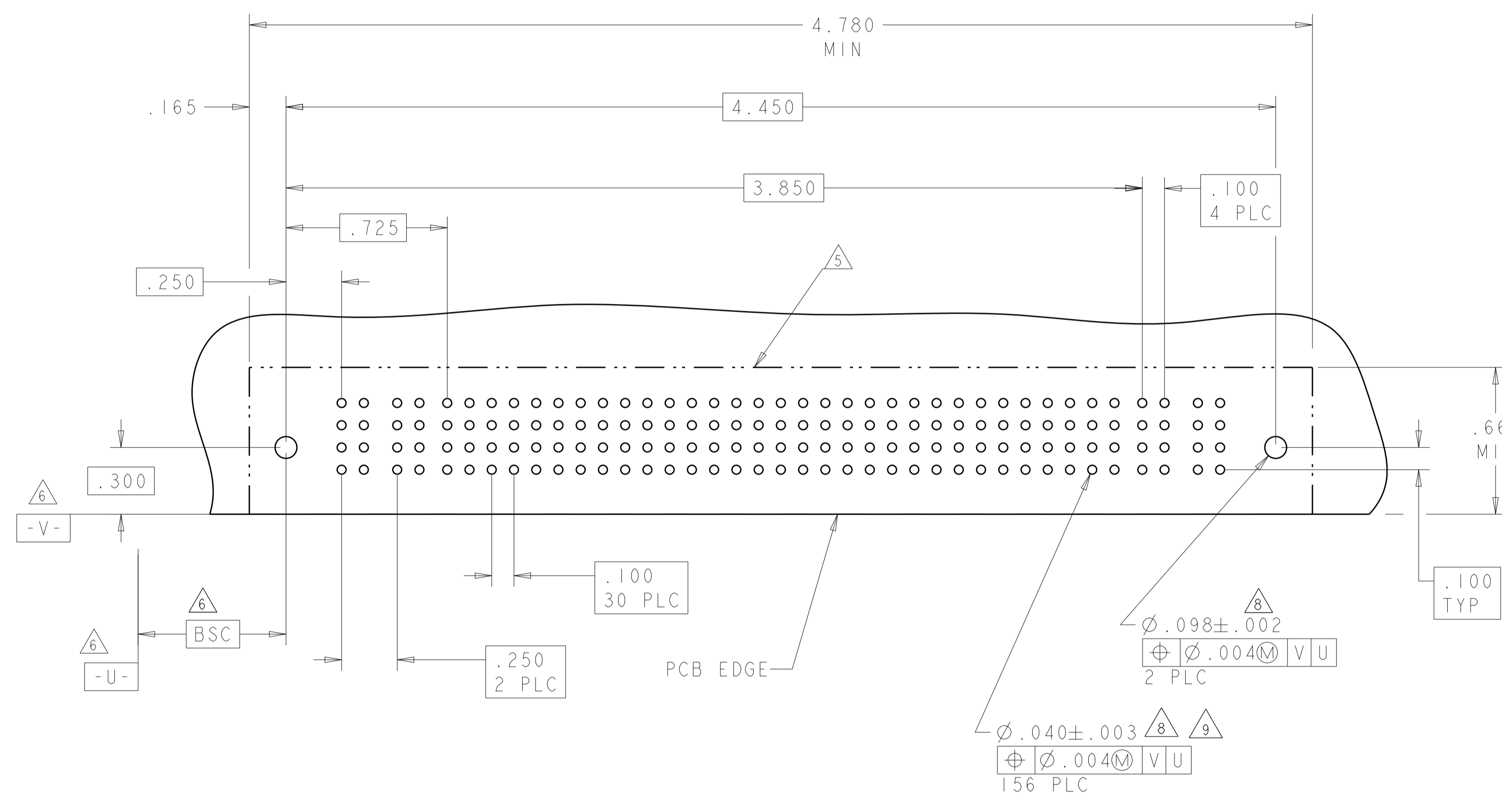
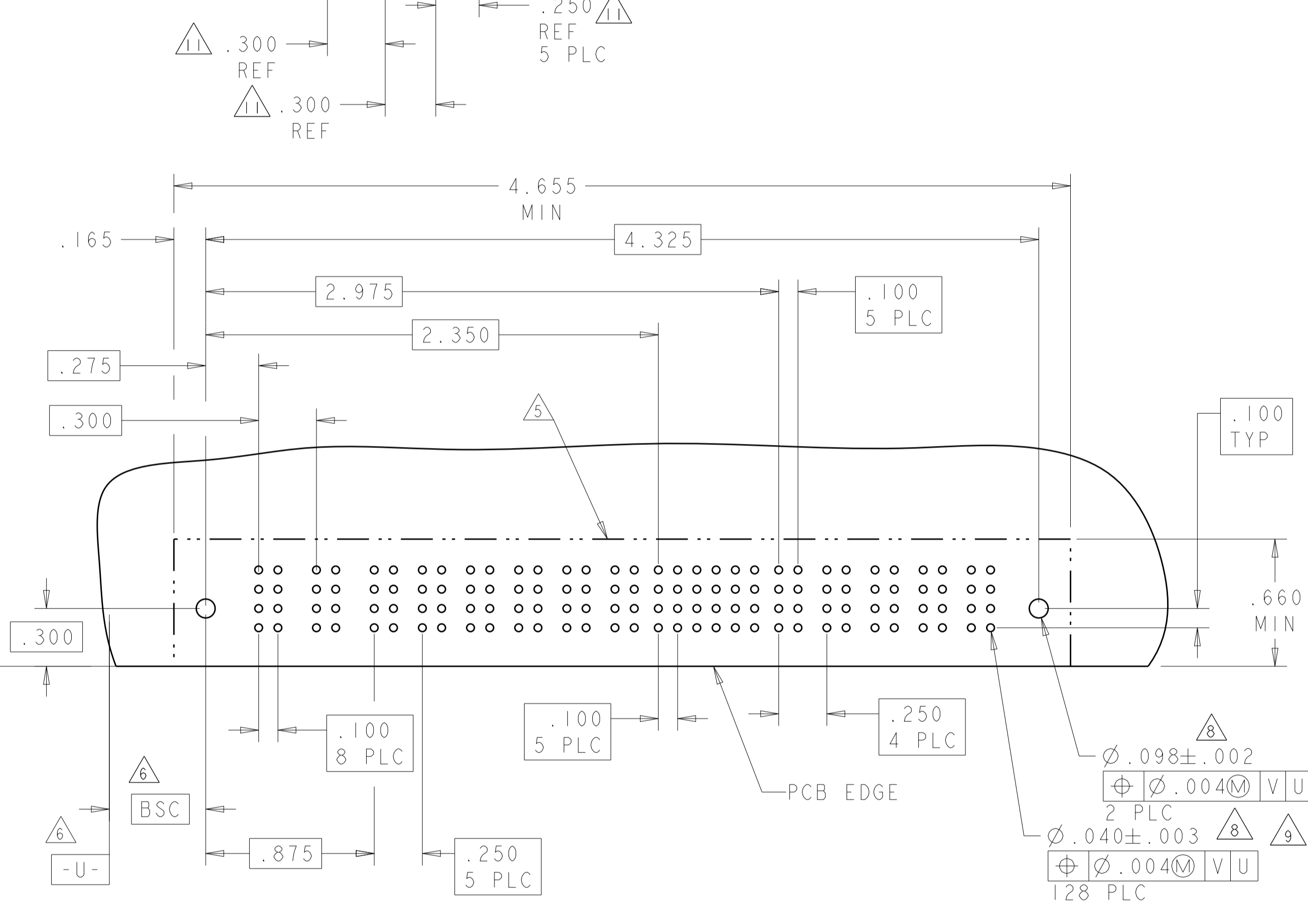


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 14FEB2005	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPV: M. PERCHERKE 14FEB2005	
0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: Customer Drawing	
NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL SIZE: A1 CAGE CODE: 100779 DRAWING NO: 6450130 SHEET: 6 OF 28 SCALE: 4:1			RESTRICTED TO: M2

LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	-	-	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	P13	P3	P4
I-6450130-8	D	PM	PM	PM	PM	PM	PM	PM	E	J	J	J	J	E	PM	PM	PM	PM	PM	PM	PM	
	K								K	F	K	K	K	PM								PM
	N								N	N	G	N	N									
	H								S	S	S	S	H									

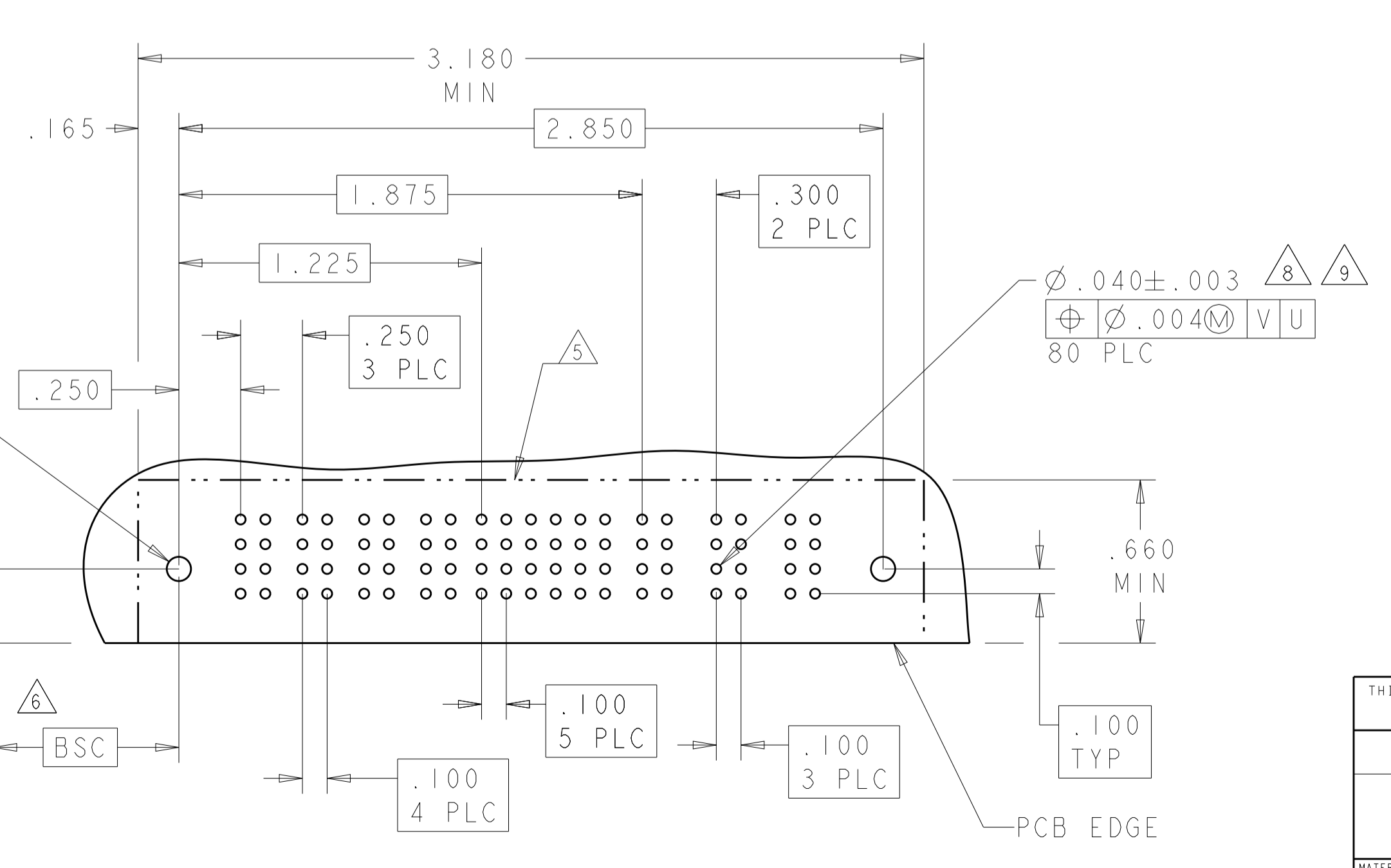
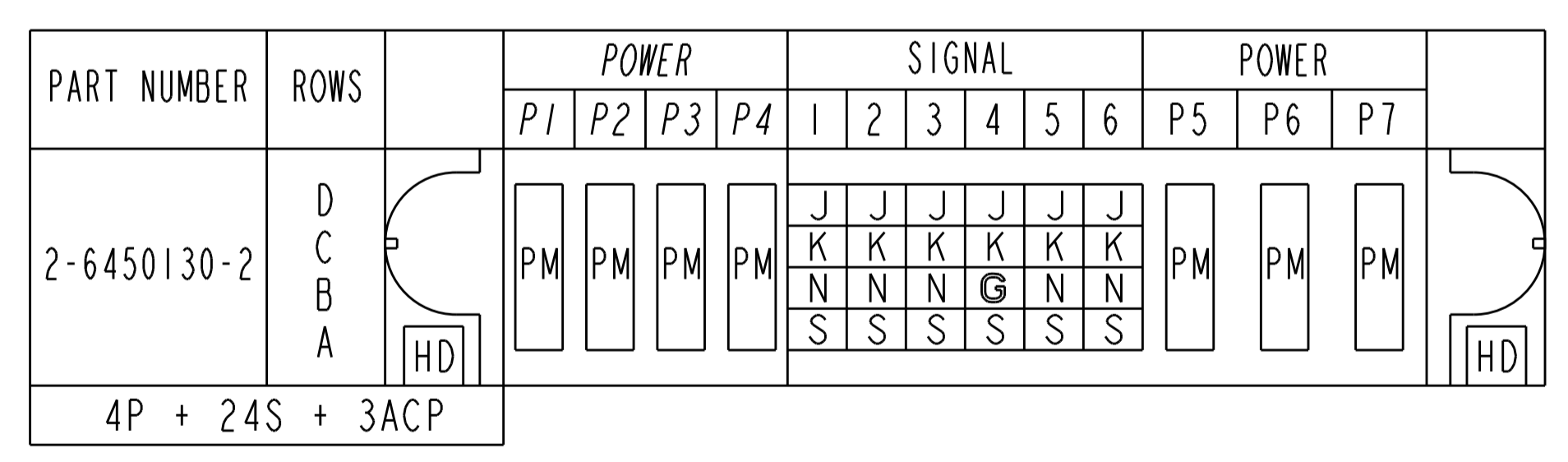
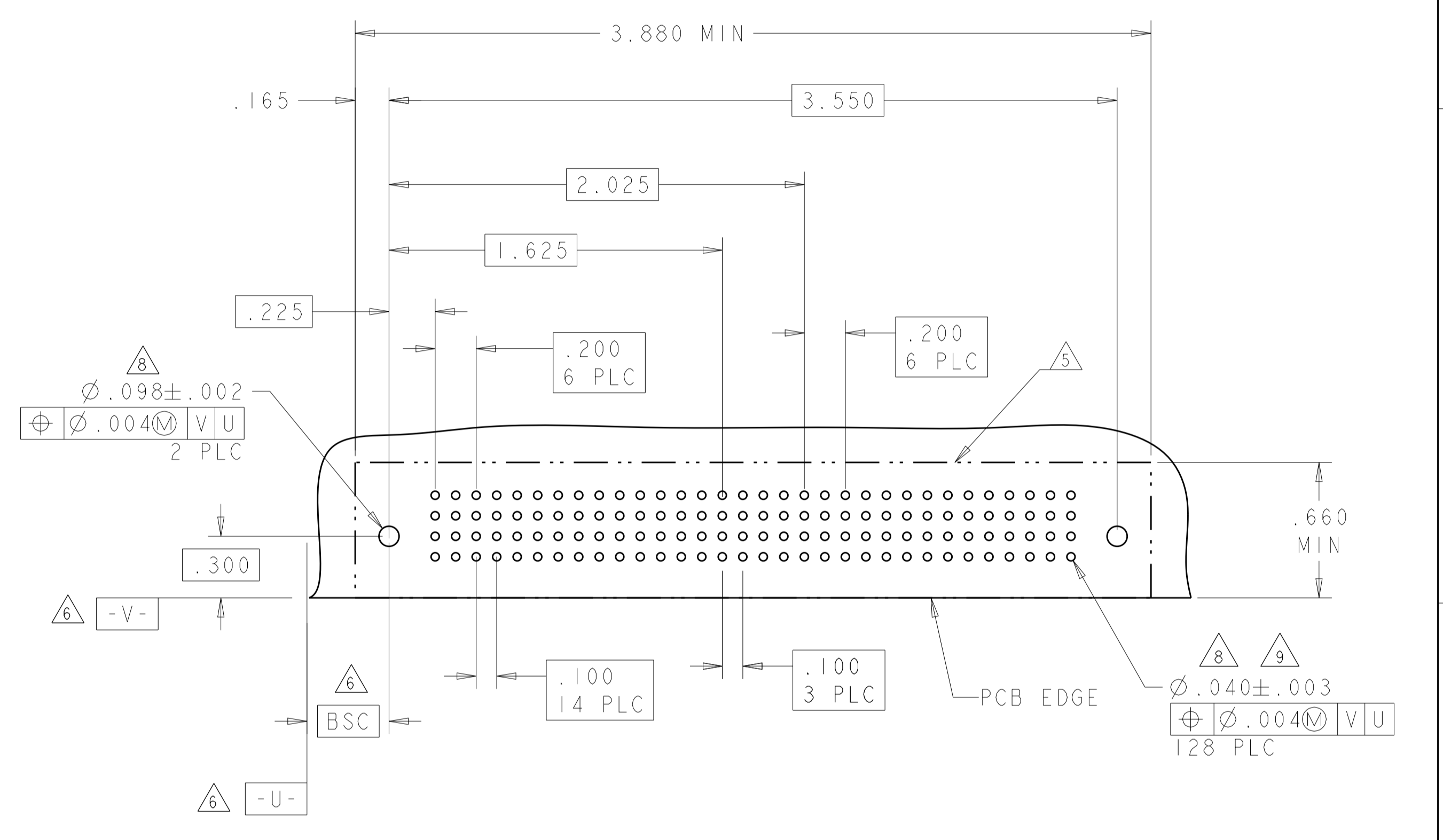
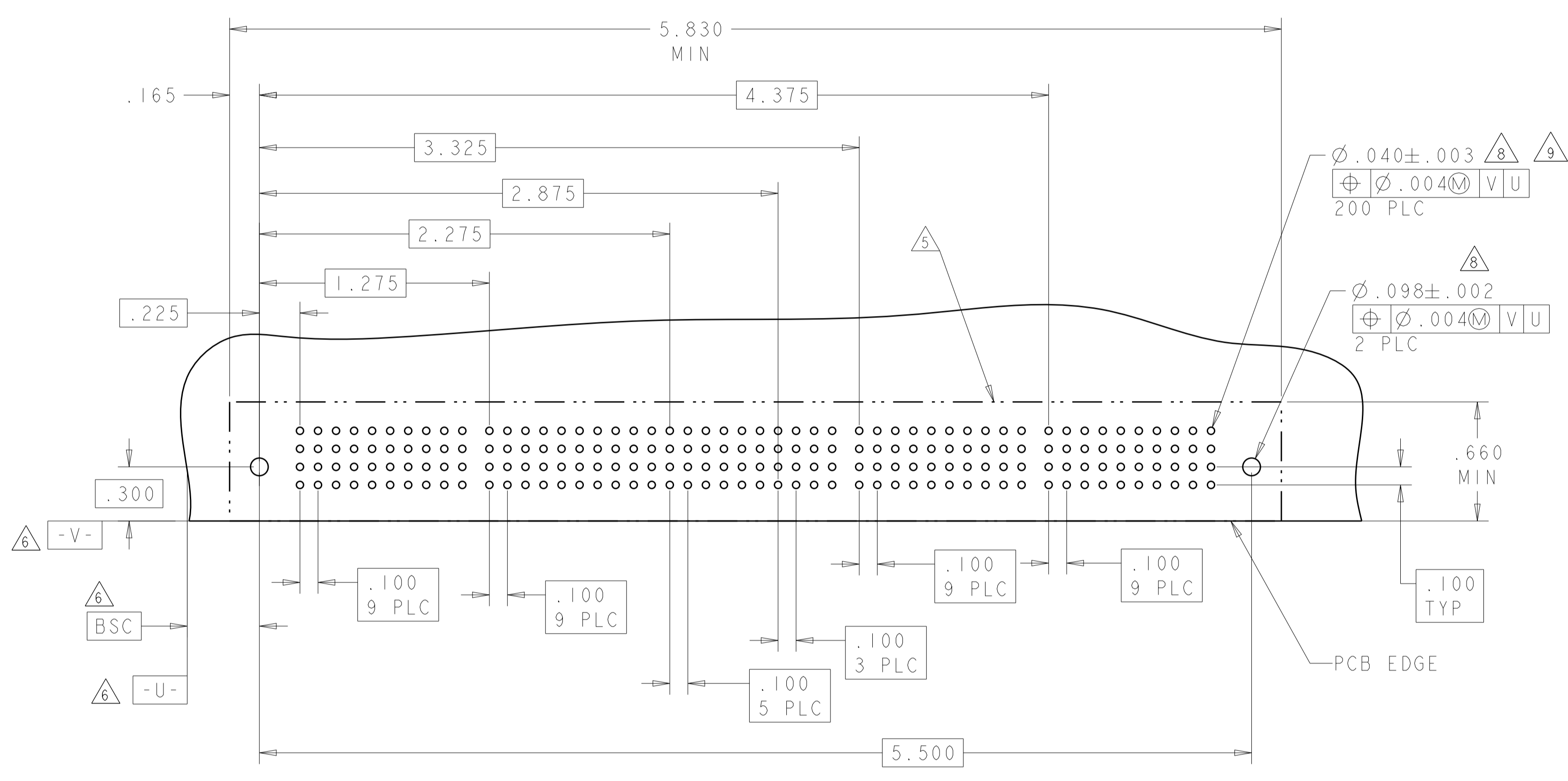
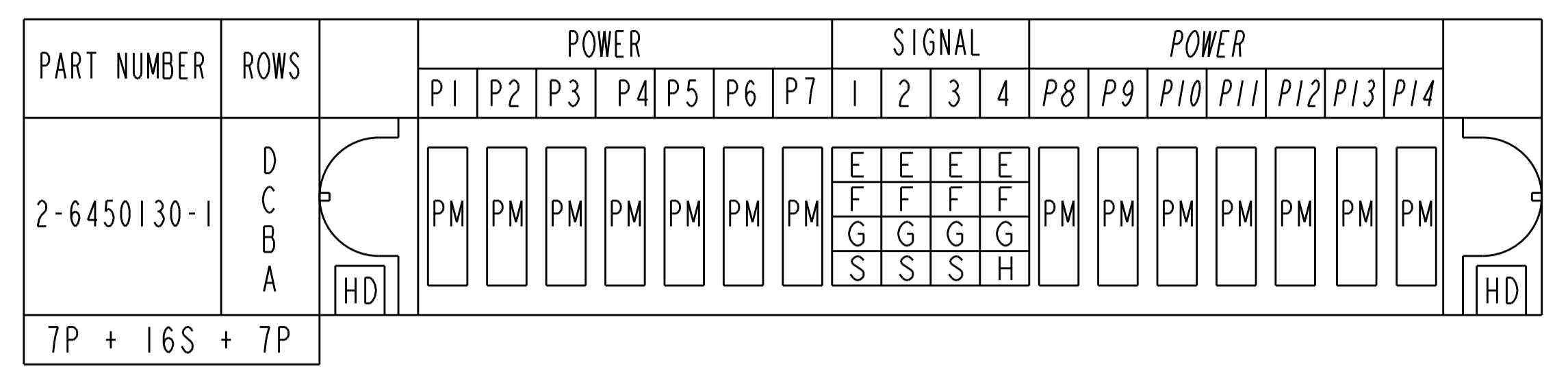
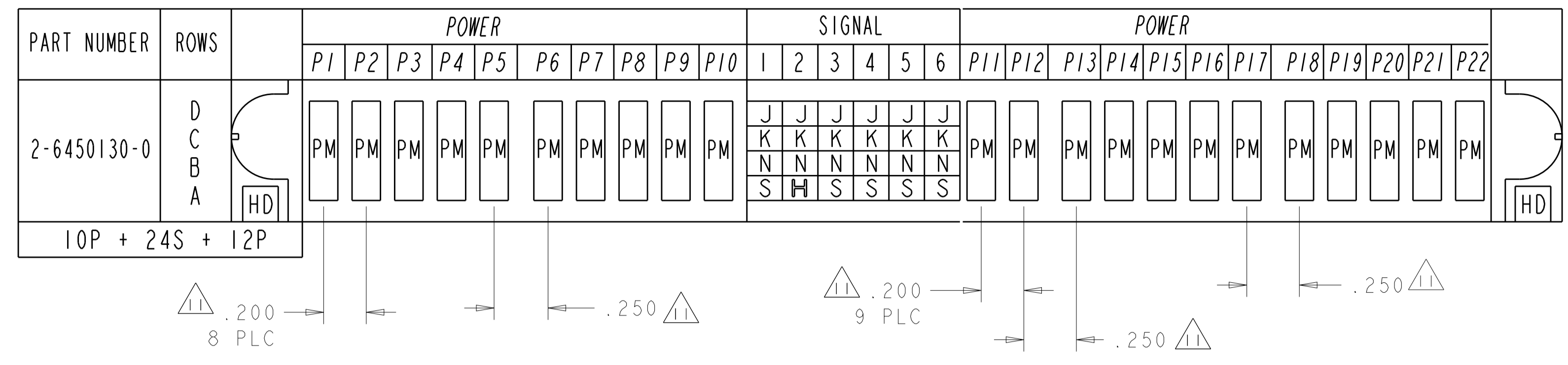
PART NUMBER	ROWS	POWER		SIGNAL																															POWER				
		P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	P3	P4			
I-6450130-9	D	PA	PA	Z	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	Z	PA	PA	
	Y			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	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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 14FEB2005 CHK: M. PERCZERKE 14FEB2005 APVD: M. PERCZERKE 14FEB2005			TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 2 PLC ±.01 3 PLC ±.01 4 PLC ±.005 ANGLES ±.0020			NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
MATERIAL: -		FINISH: -		PRODUCT SPEC: 108-1973		SIZE: CAGE CODE: DRAWING NO: 114-13038 WEIGHT: - SCALE: 4:1 SHEET 7 OF 28 REV: M2
Customer Drawing		SCALE: 4:1		DRAWING NO: 6450130		

LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS			
NO	DESCRIPTION	DATE	BY
-	SEE SHEET 1	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.

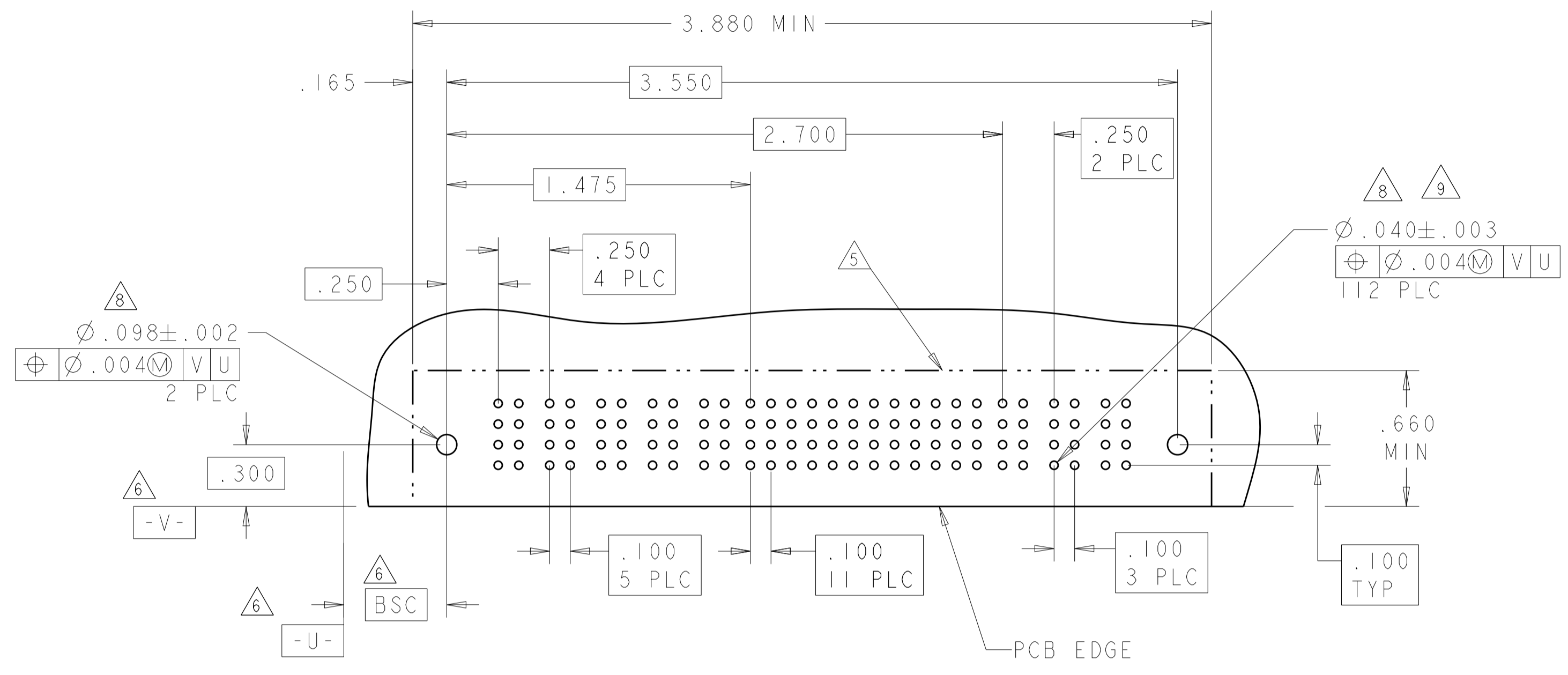
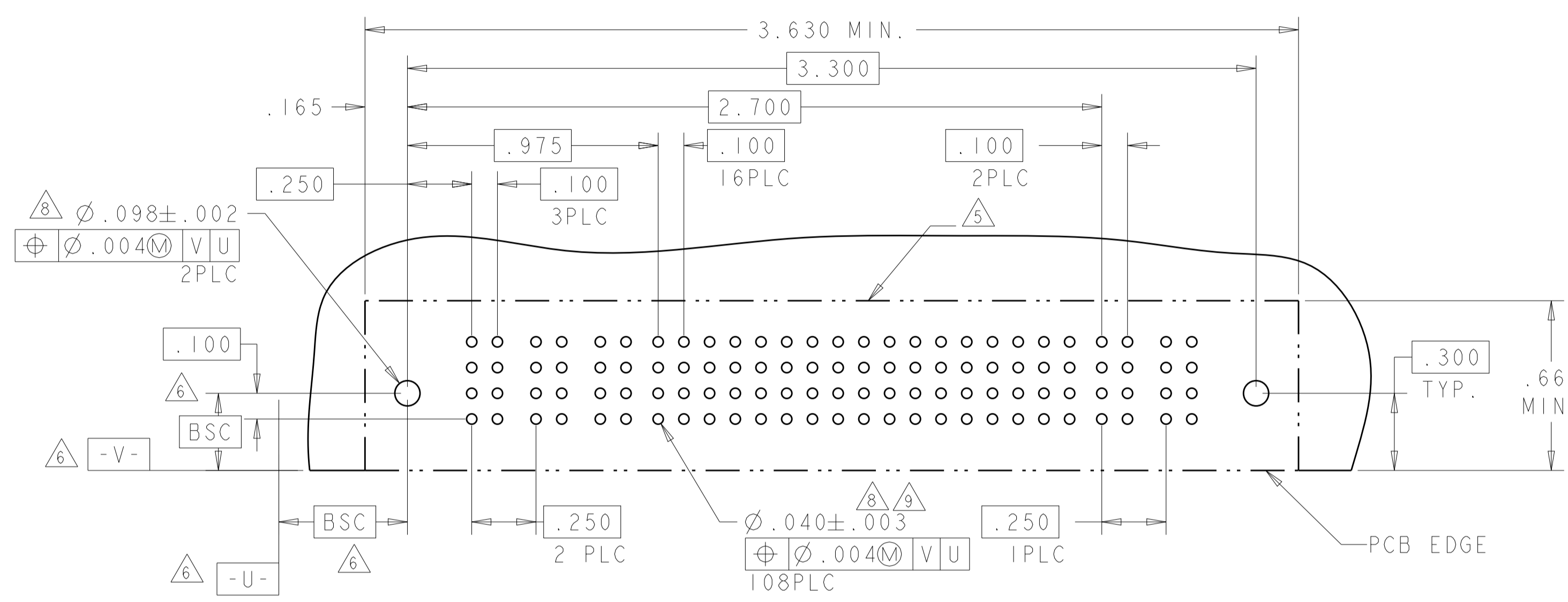
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°	OWN: R. GRZYBOWSKI 14FEB2005 CHK: M. PERCHERKE 14FEB2005 APPV: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
MATERIAL:	FINISH:	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: A100779C=6450130	SIZE: CAGE CODE: DRAWING NO: 114-13038
Customer Drawing		SCALE: 4:1	SHEET 8 OF 28

STE TE Connectivity

LOC	DIST	REV	DESCRIPTION	DATE	DWN	APVD
ES	00		SEE SHEET 1			

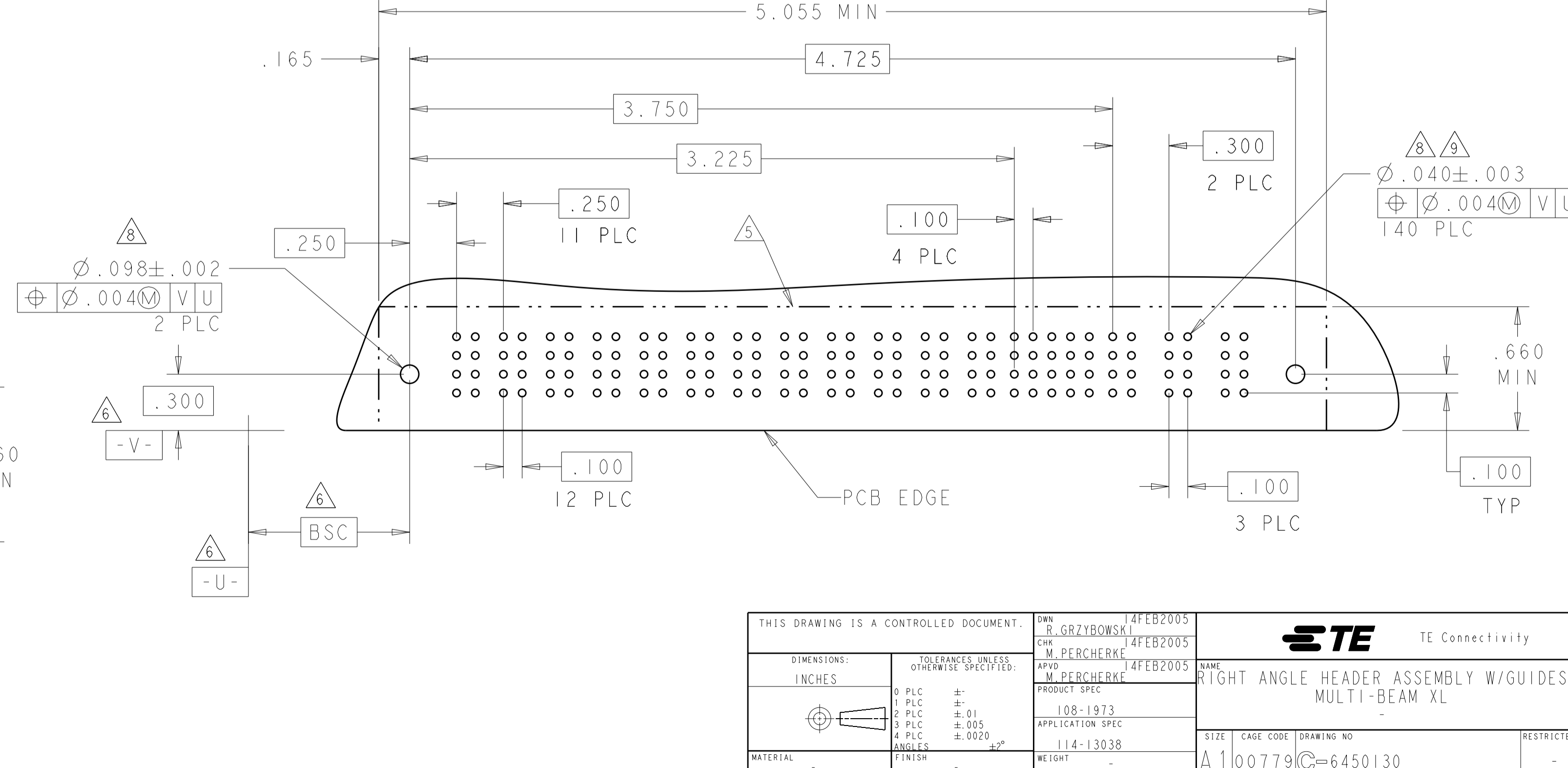
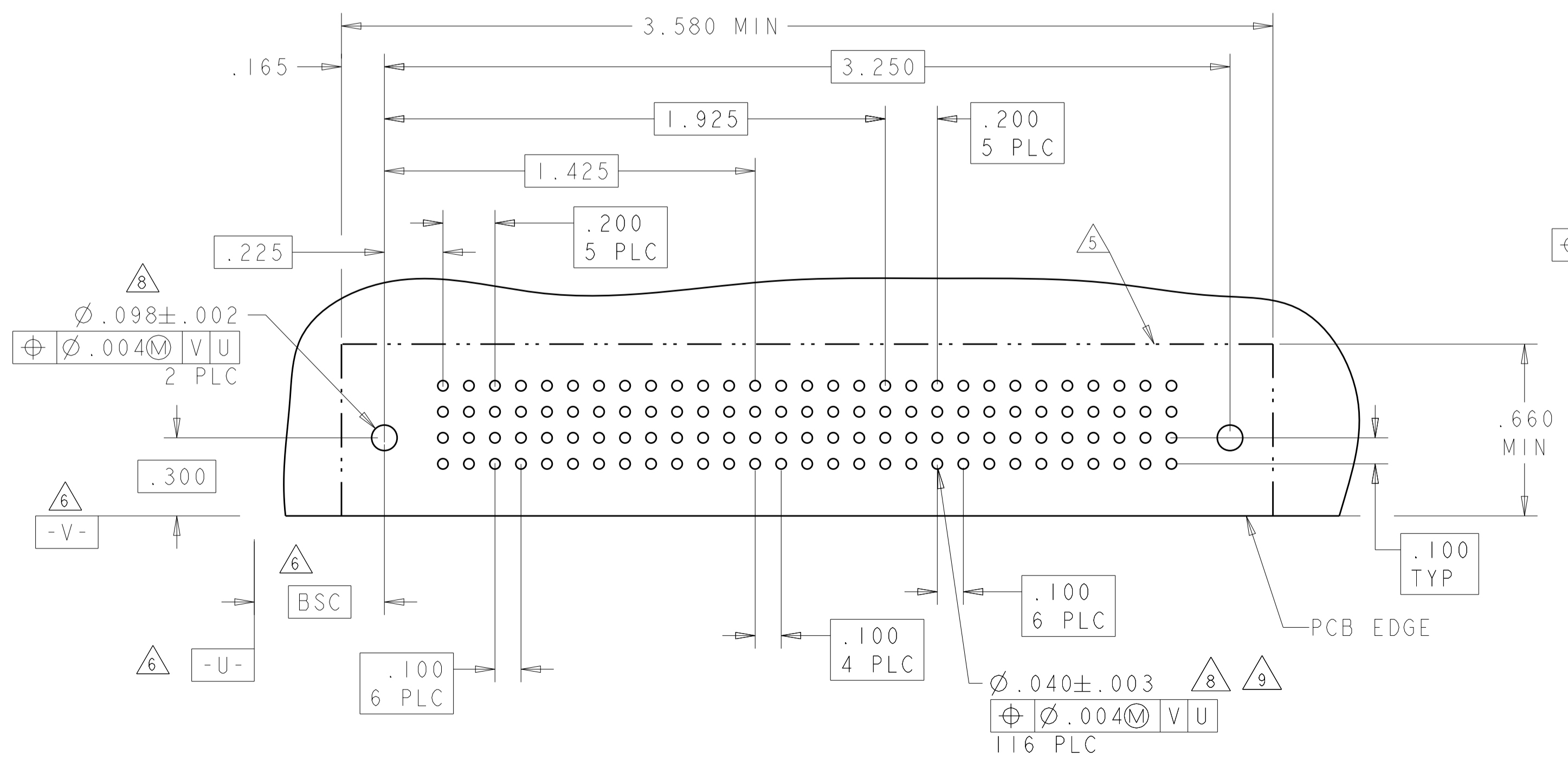
PART NUMBER	ROWS	POWER			SIGNAL													POWER							
		P1	P2	P3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	P4	P5		
2-6450130-8	D	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	
	C				K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K			
	B				N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N			N
A	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	HD	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	PM	PM	PM		
	C						K	K	K	K	K	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	N	N				N	N
A	H	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	H			HD	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		
	C						F	K	K	K	K								
	B						G	N	N	N	N								
	A						H	S	S	S	H							HD	HD
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	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM					
	C																																												E	E	J	J	J
	B																																												K	K	F	K	K
	A																																												N	N	N	N	N
12P + 20S + 3ACP																																																	

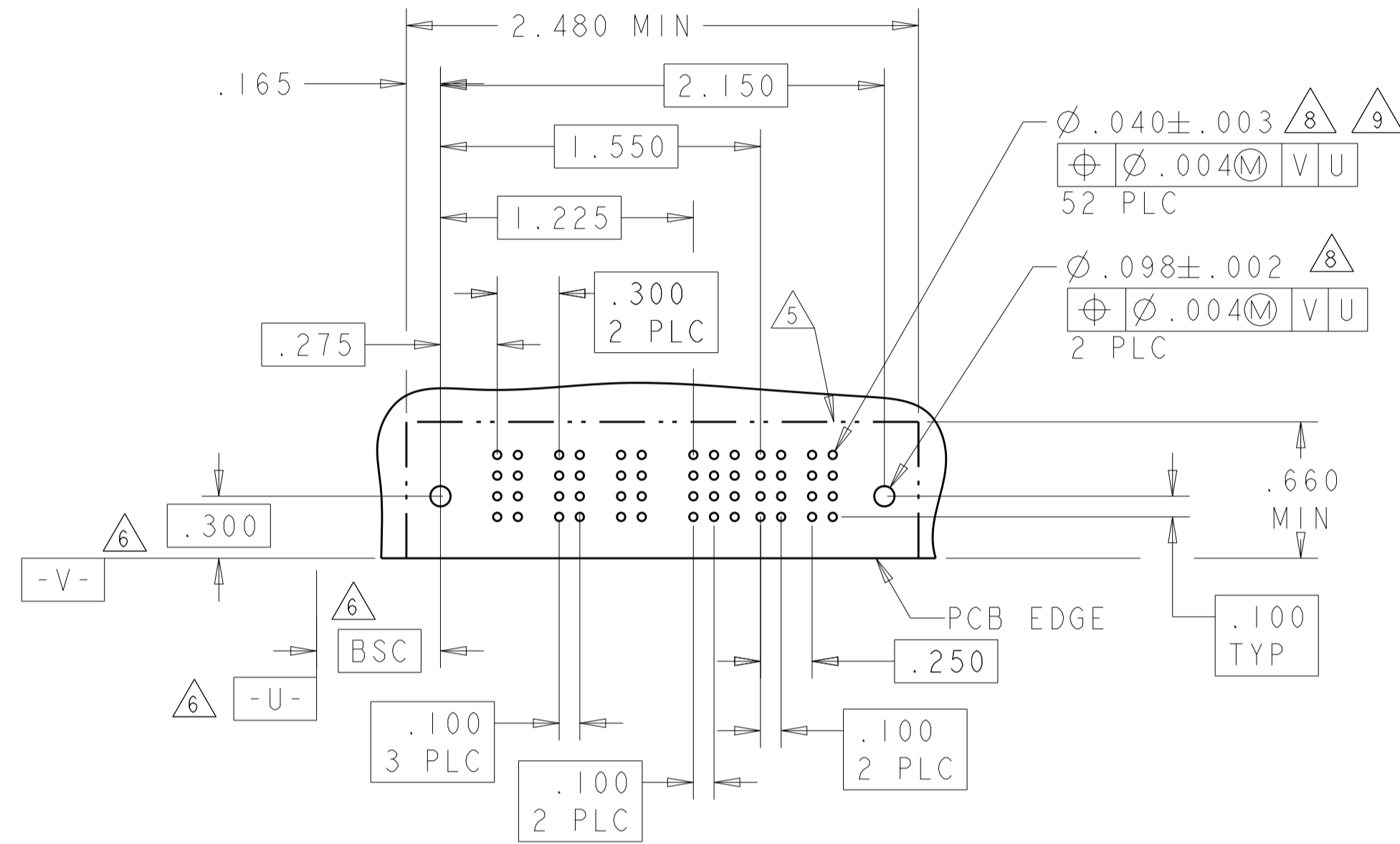


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	DATE 14FEB2005 14FEB2005 14FEB2005	TE Connectivity RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC		NAME	
Ø .098 ± .002	Ø .040 ± .003	APPLICATION SPEC		SIZE	
Ø .004 (M) V U	Ø .004 (M) V U	108-1973		CAGE CODE	
Ø .098 ± .002	Ø .004 (M) V U	114-13038		DRAWING NO	
Ø .004 (M) V U	Ø .004 (M) V U	A100779		REV	
Ø .004 (M) V U	Ø .004 (M) V U	Customer Drawing		SCALE	
Ø .004 (M) V U	Ø .004 (M) V U	A100779		SHEET	
Ø .004 (M) V U	Ø .004 (M) V U	SCALE 4:1		9 of 28	
Ø .004 (M) V U	Ø .004 (M) V U	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
					K	K	K			
					N	N	N			
					S	S	H			

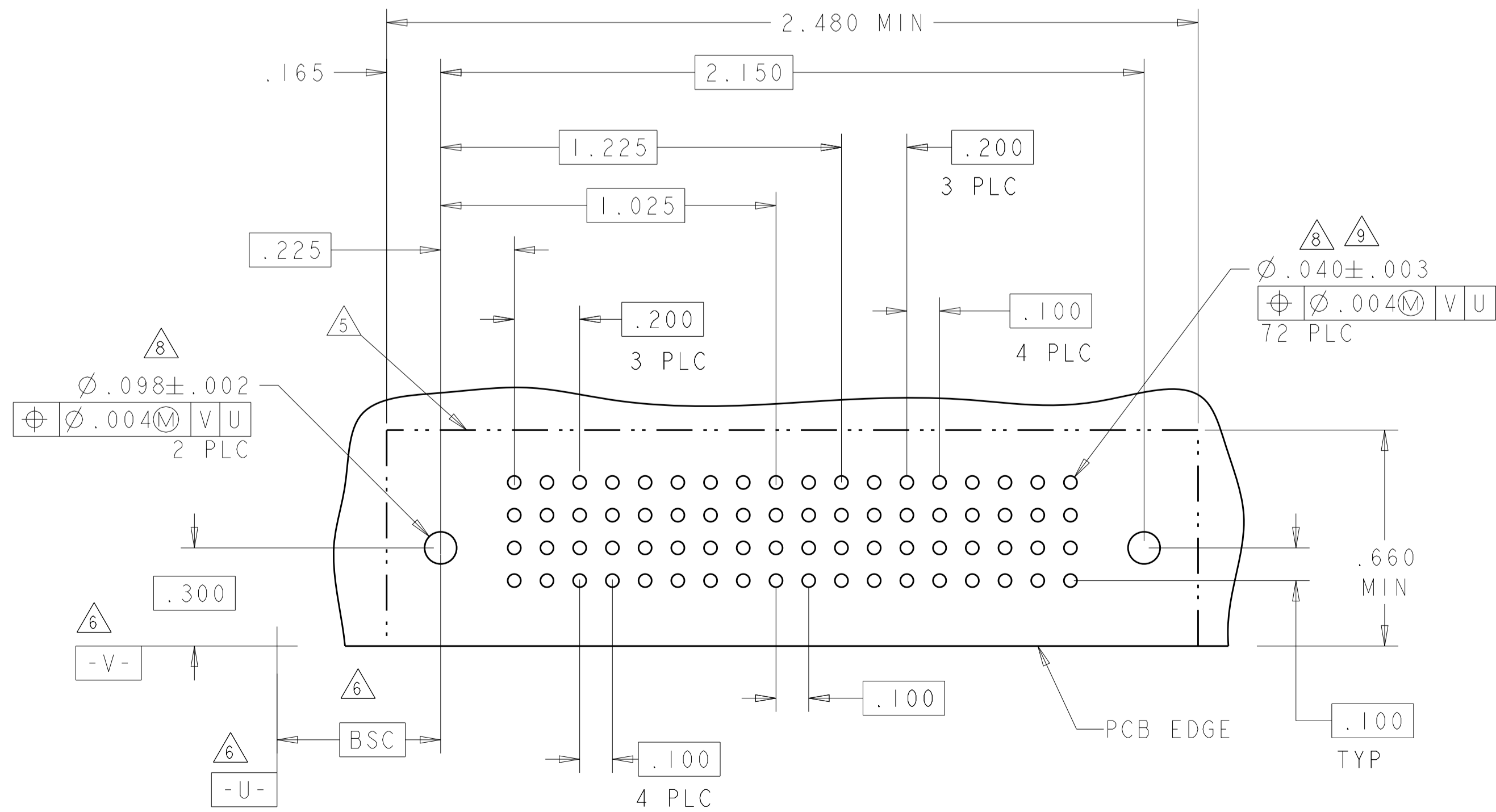
3ACP + 16S + 2P

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		
						Y	Y						
						R	R						
						O	O						

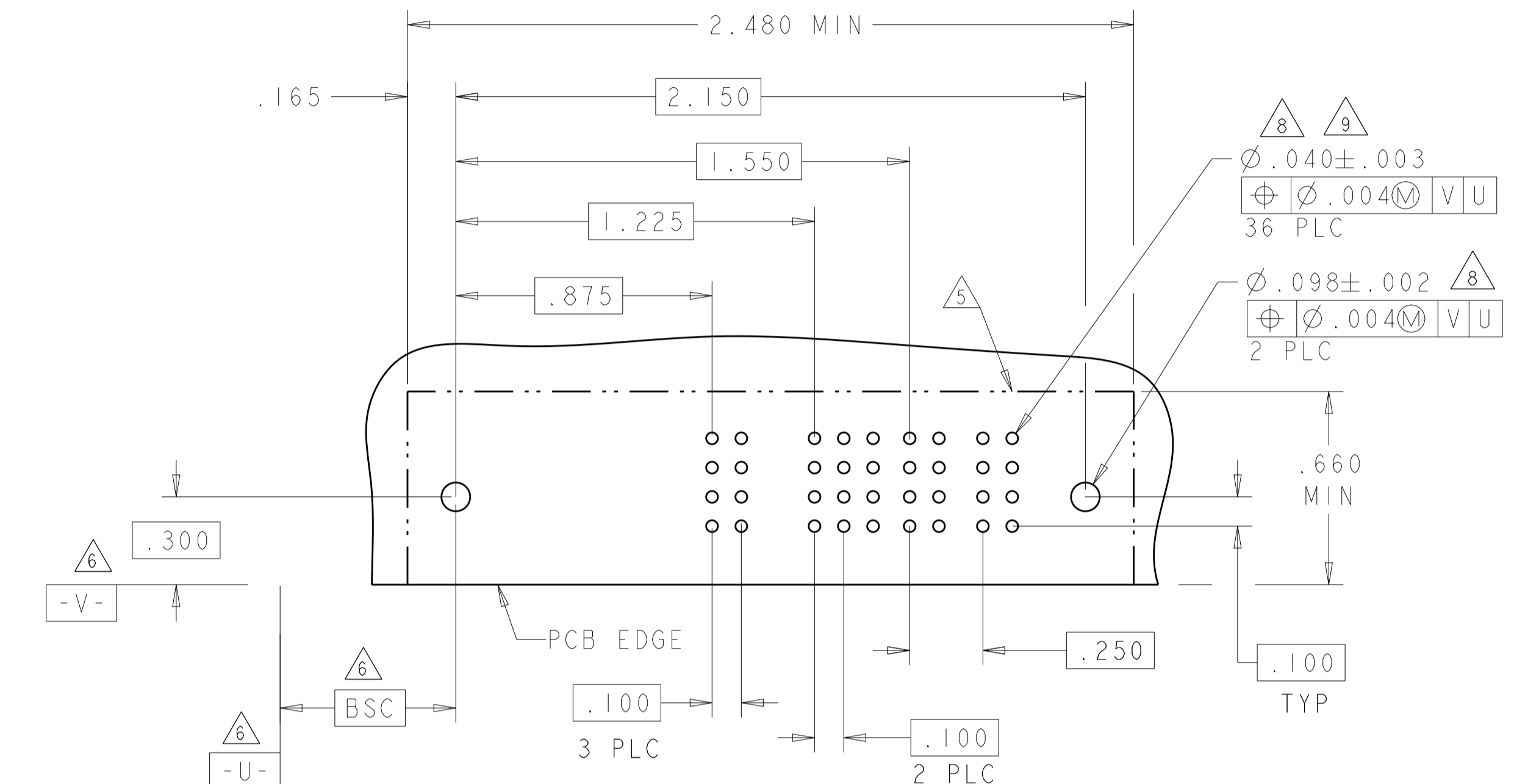
4P + 8S + 4P



LOC	DIST	REV	DATE	BY	APPV
ES	00				

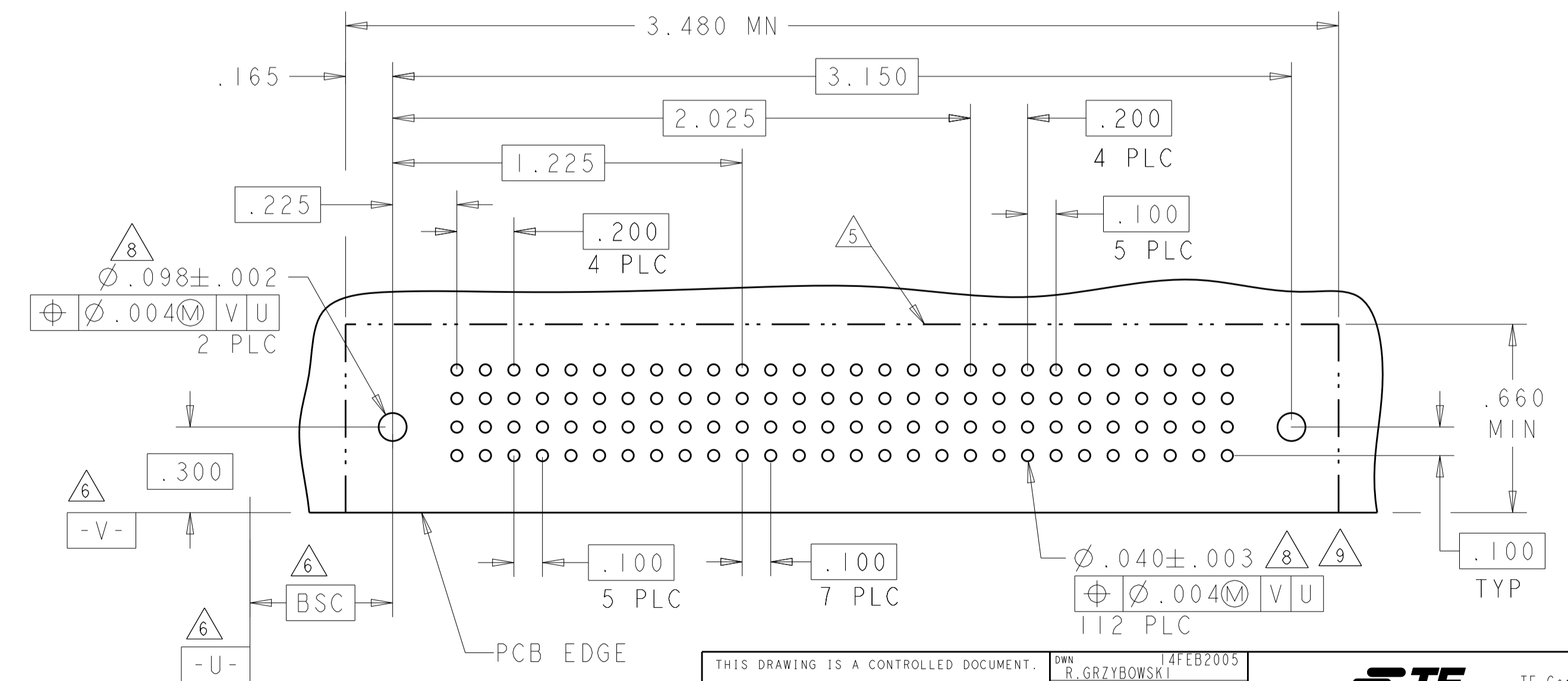
PART NUMBER	ROWS	POWER			SIGNAL				POWER	
		P1	P2	P3	1	2	3	4	P4	P5
4-6450130-3	D C B A			PM	J	J	J		PM	PM
					K	K	K			
					N	N	N			
					S	S	H			

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
							K	K	K	K	K	K	K						
							N	N	N	N	N	N	N						
							H	H	H	H	H	H	H						

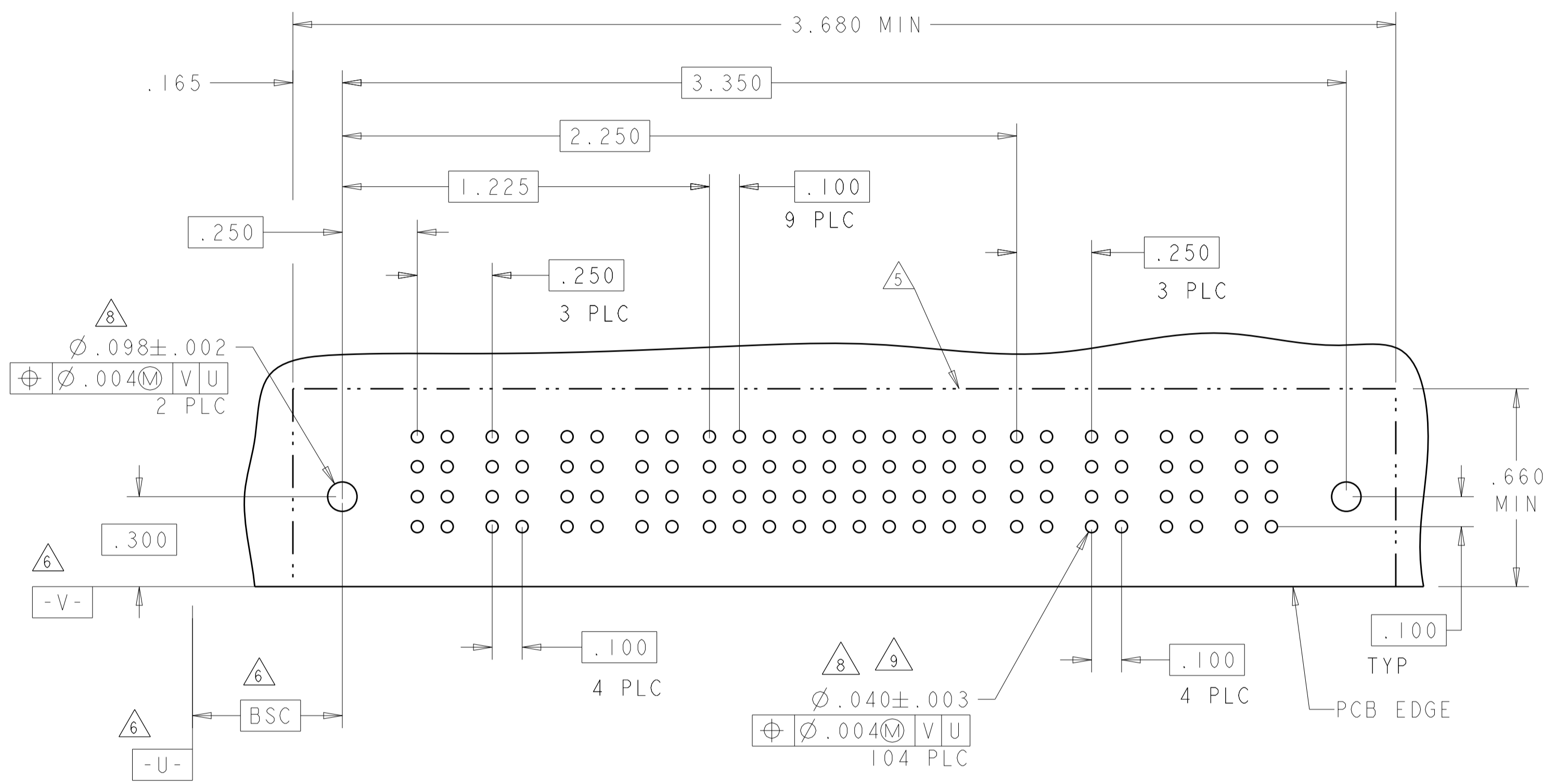
5P + 32S + 5P



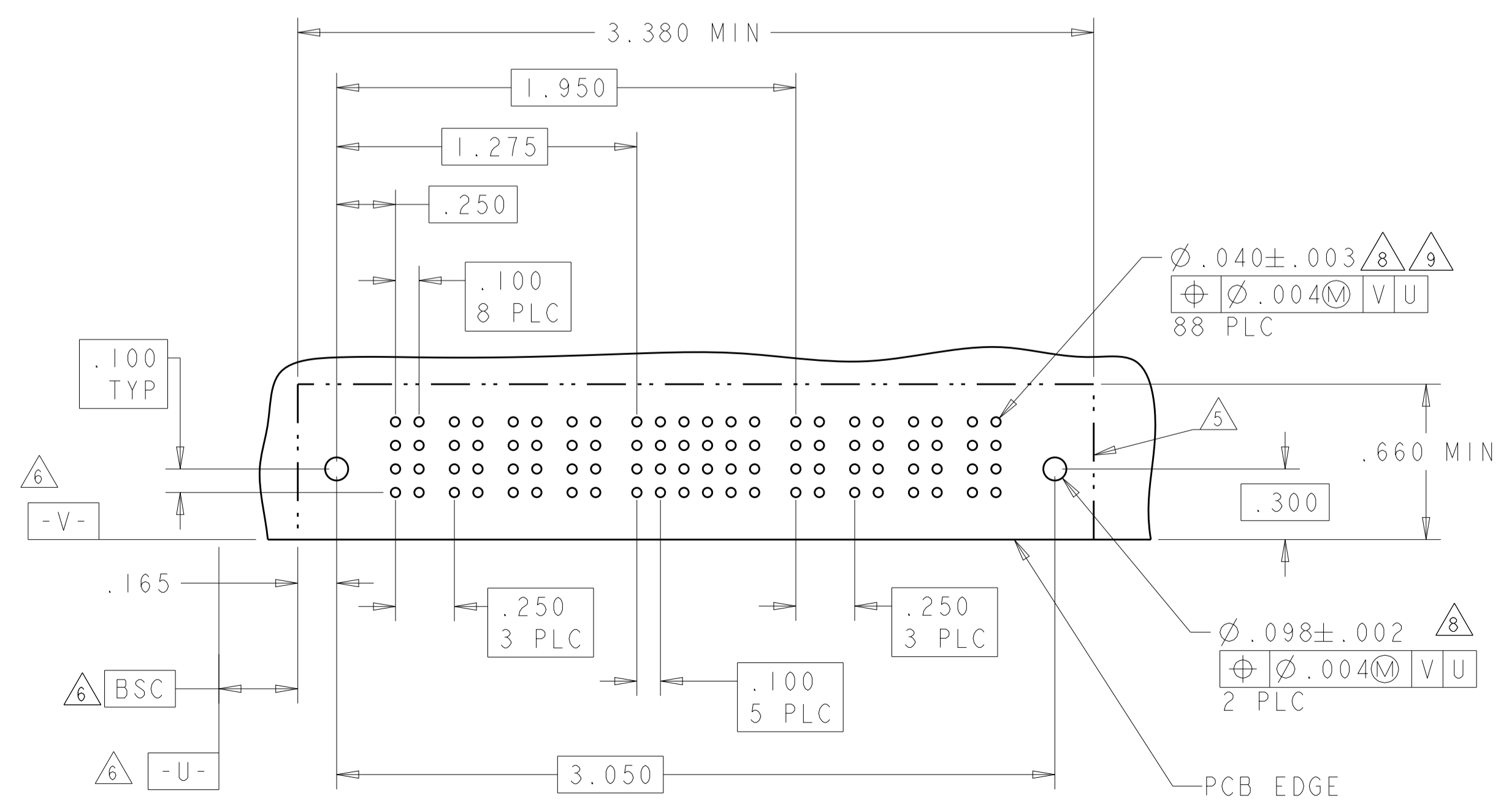
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 14FEB2005	CHK: M. PERCHERKE 14FEB2005	APV: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
	0 PLC ±.01	PRODUCT SPEC	108-1973	APPLICATION SPEC	SIZE: CAGE CODE: DRAWING NO: A100779C=6450130
	1 PLC ±.01	114-13038	WEIGHT	SCALE: 4:1	SHEET 10 OF 28
	2 PLC ±.01	Customer Drawing	REVISIONS	DATE	BY
	3 PLC ±.01				
	4 PLC ±.01				
	5 PLC ±.01				
	ANGLES ±.002				
	FINISH				

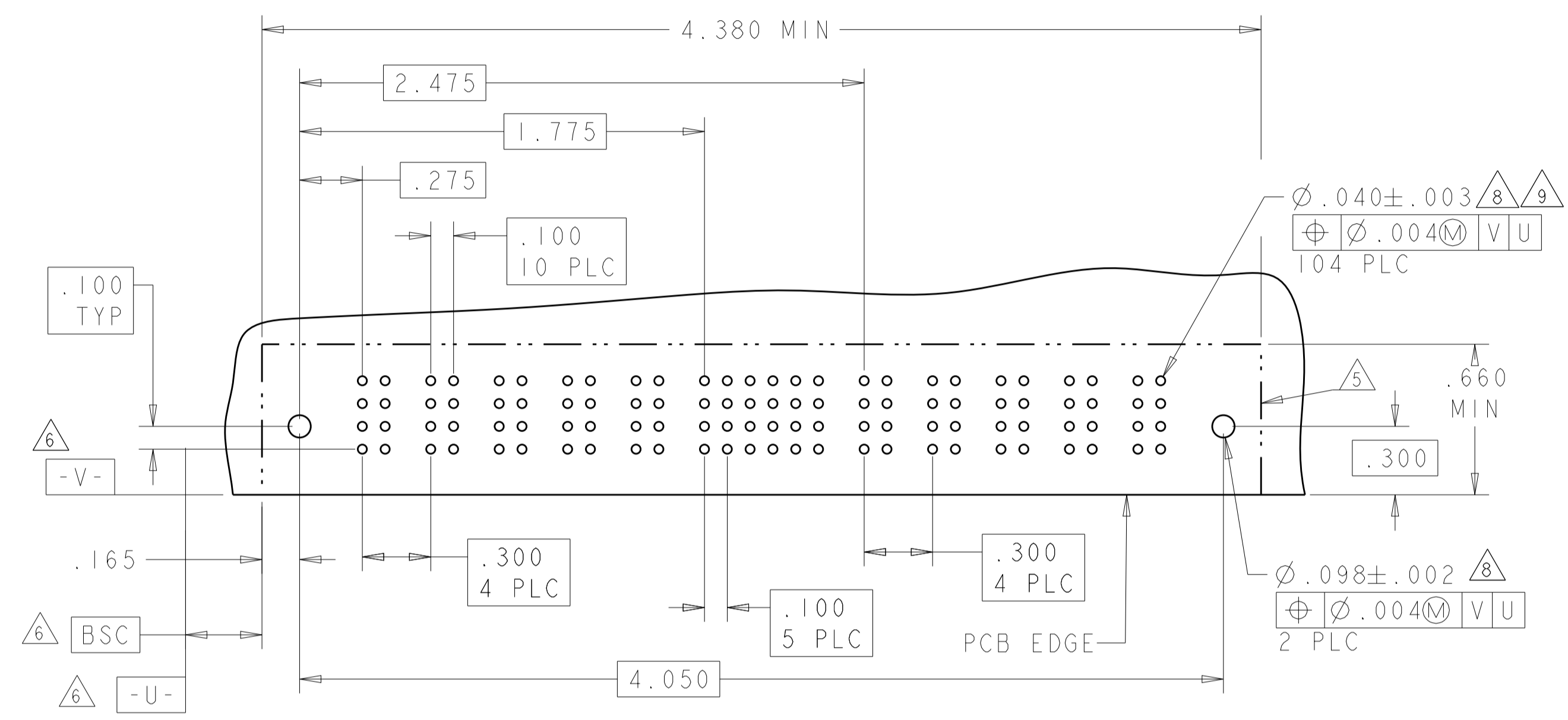
PART NUMBER	ROWS	POWER				SIGNAL										POWER						
		P1	P2	P3	P4	1	2	3	4	5	6	7	8	9	10	P5	P6	P7	P8			
4-6450130-8	D C B A	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	
						K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
						N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4P + 40S + 4P						H	S	S	S	S	S	S	S	S	S	H						



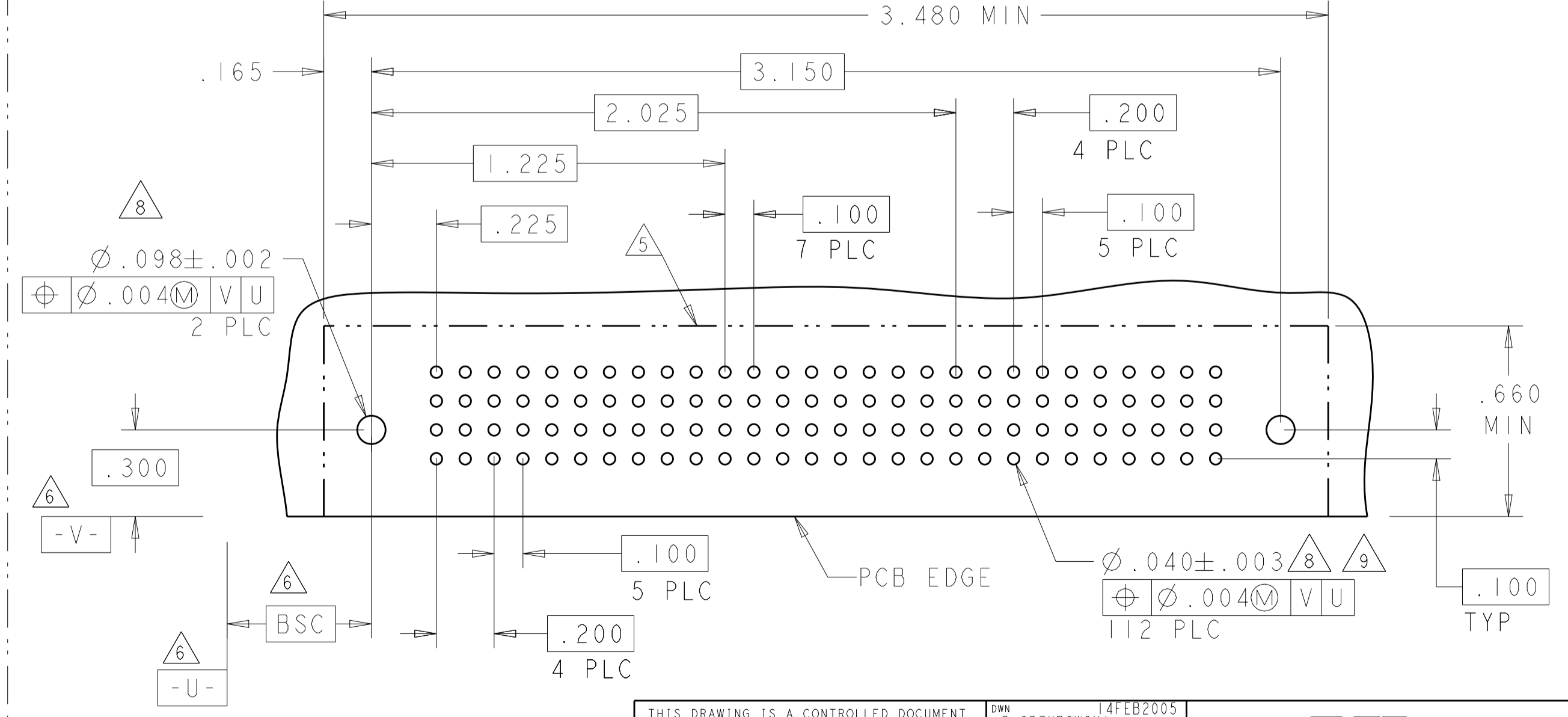
PART NUMBER	ROWS	POWER				SIGNAL								POWER							
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8						
4-6450130-9	D C B A	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J		
						K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
						N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4P + 24S + 4P						H	H	H	H	H	H	H	H	H	H	H	H	H			



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	K
							N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5ACP + 24S + 5ACP							H	H	H	H	H	H	H	H	H	H	H	H				



PART NUMBER	ROWS	POWER					SIGNAL								POWER							
		P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	P6	P7	P8	P9	P10			
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			
							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							H	H	H	H	H	H	H	H	H	H	H	H				



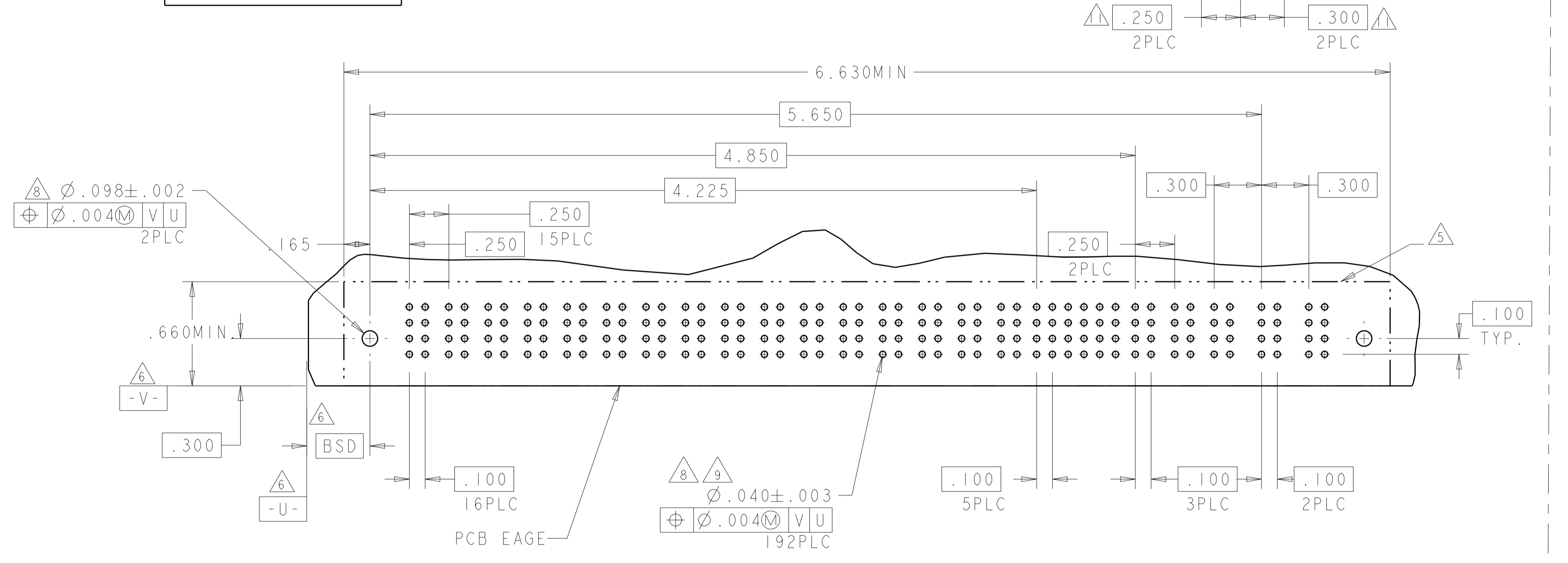
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 14FEB2005	CHK: M. PERCHERKE 14FEB2005	APPD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
INCHES:	0 PLC ±.01	PRODUCT SPEC:	108-1973	APPLICATION SPEC:	114-13038
MATERIAL:	ANGLES ±.0020	WEIGHT:	A100779	SCALE:	4:1

Customer Drawing

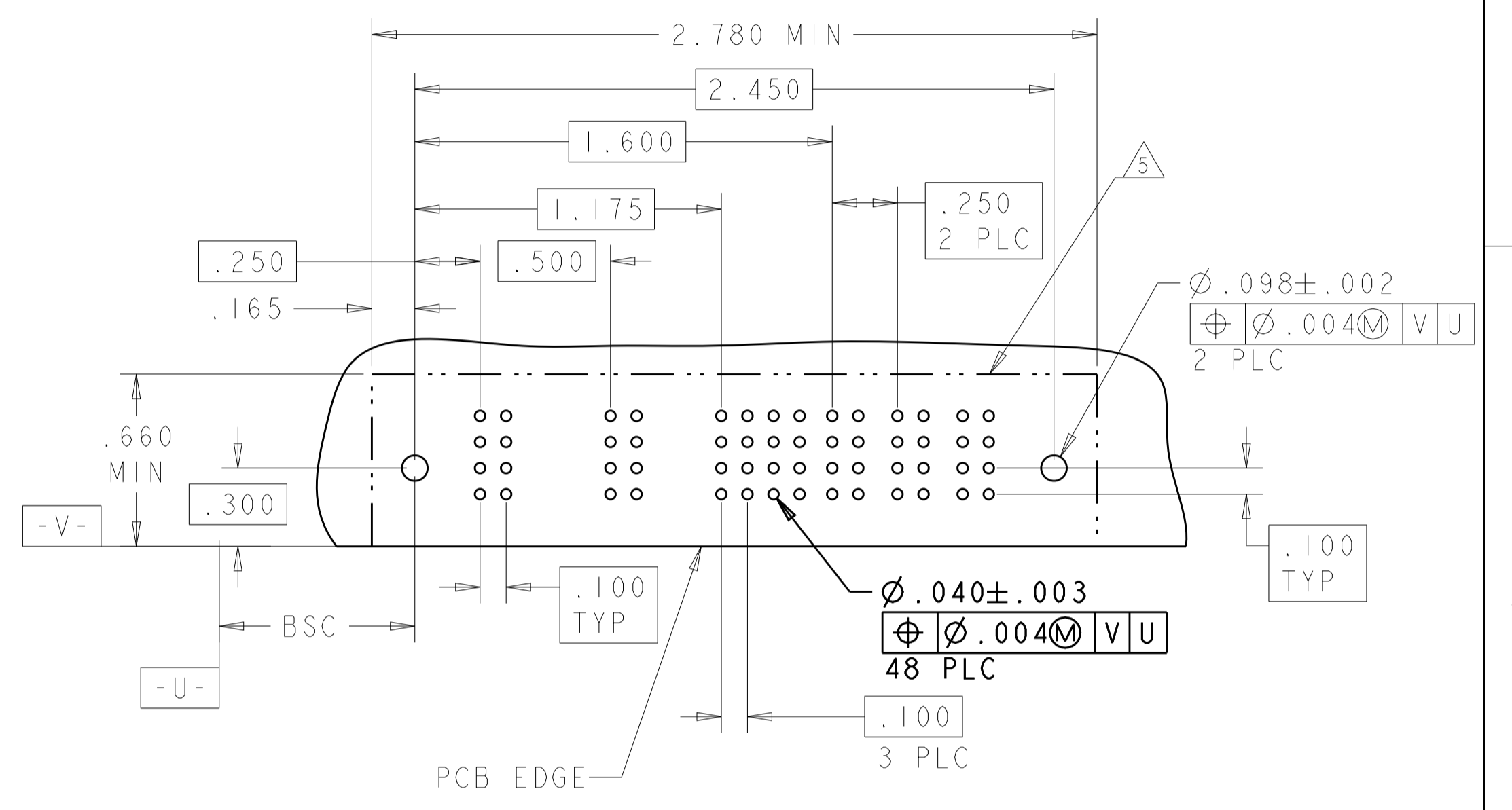
LOC	DIST	REVISIONS			
ES	00	REV	DATE	BY	APPV
		1	SEE SHEET 1		

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																E	J	J	J	J	J	PM	PM	PM	PM	PM			
		PM																K	K	K	K	K	K								
		PM																N	N	N	N	N	N						H		
16P + 24S + 2P + 3ACP		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD	

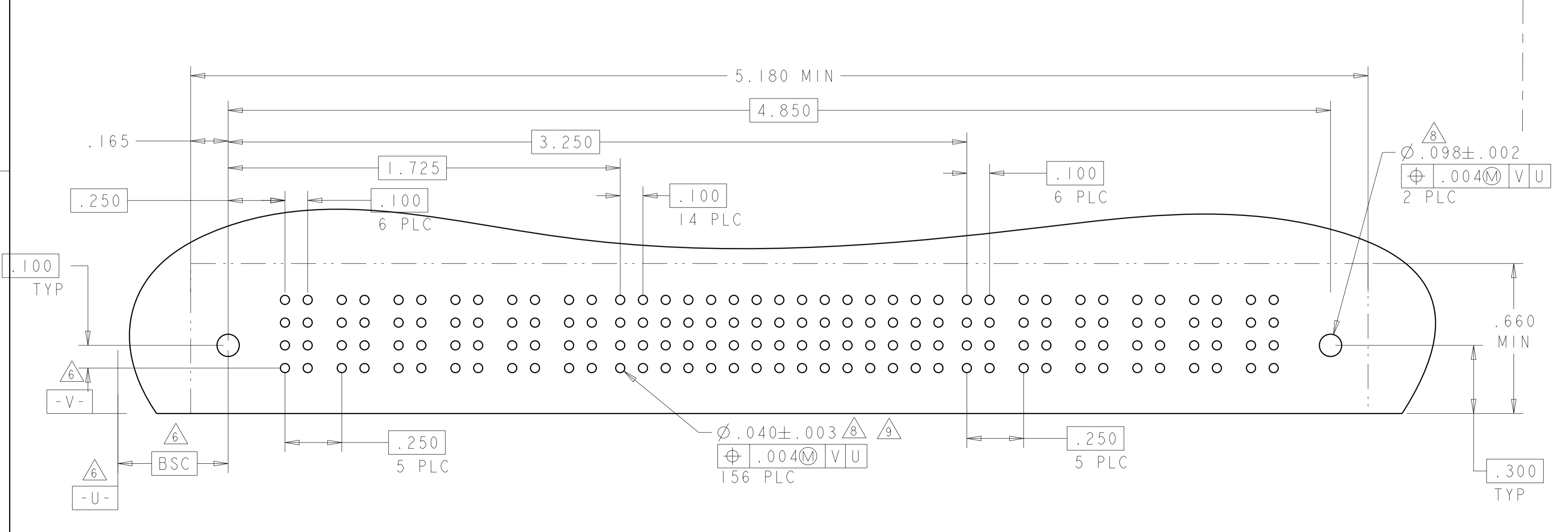


PART NUMBER	ROWS	POWER			SIGNAL						POWER				
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6		
7-6450130-5	D C B A	PM			J	J	J	J	J	J	PM	PM	PM		
		PM			K	K	K	K	K	K					
		PM			N	N	N	N	N	N				S	
3P + 24S + 3P		HD		HD		HD		HD		HD		HD		HD	

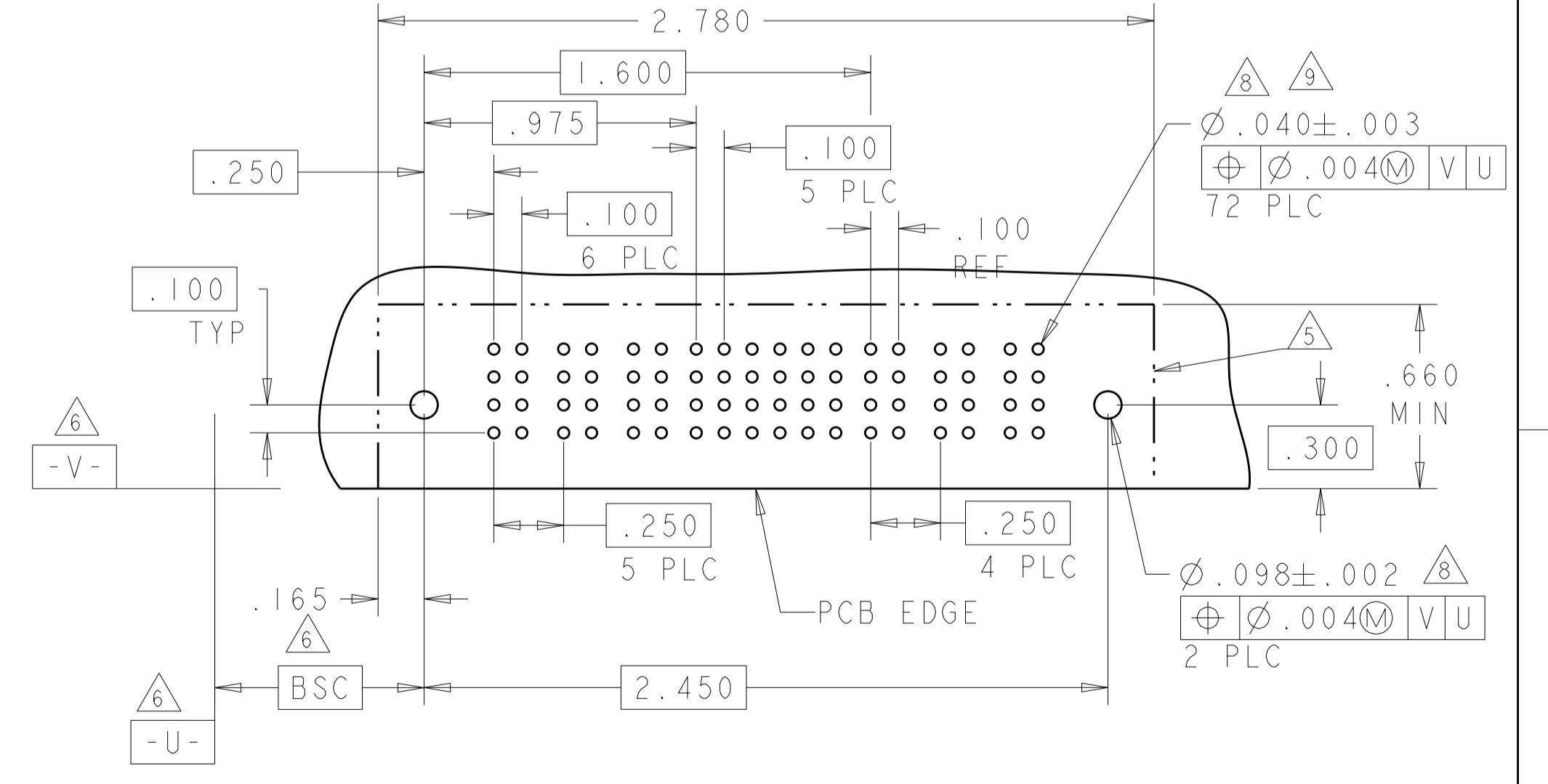
NO CONTACTS LOADED



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						J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	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	K	K	K							K	K	K	K
		PM						N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							N	N	N	N
6P + 60S + 6P		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD				

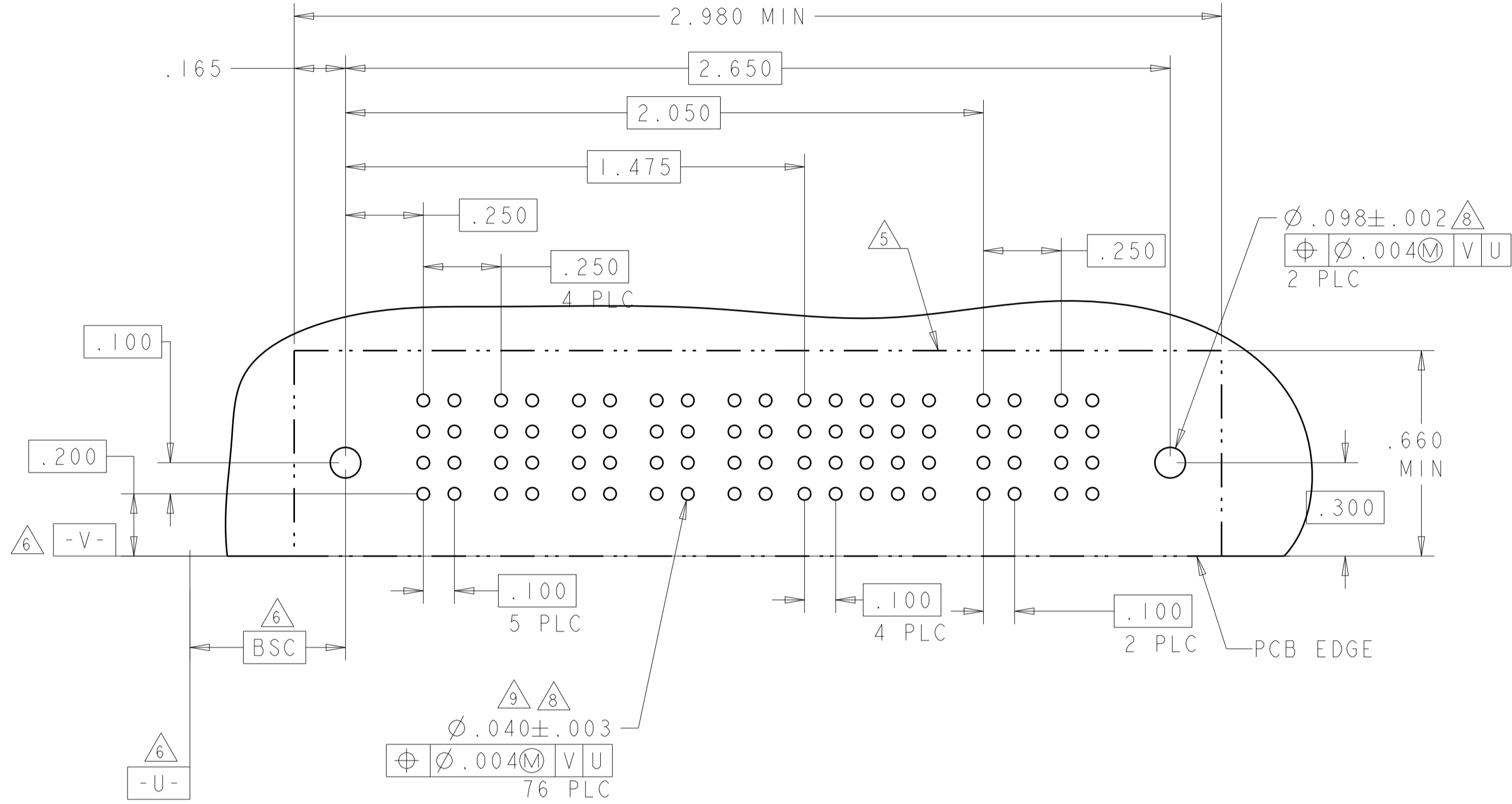


PART NUMBER	ROWS	POWER			SIGNAL						POWER				
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6		
7-6450130-8	D C B A	PM			J	J	J	J	J	J	E	PM	PM	PM	
		PM			K	K	K	K	K	K					
		PM			N	N	N	N	N	N	S				
3P + 24S + 3P		HD		HD		HD		HD		HD		HD		HD	



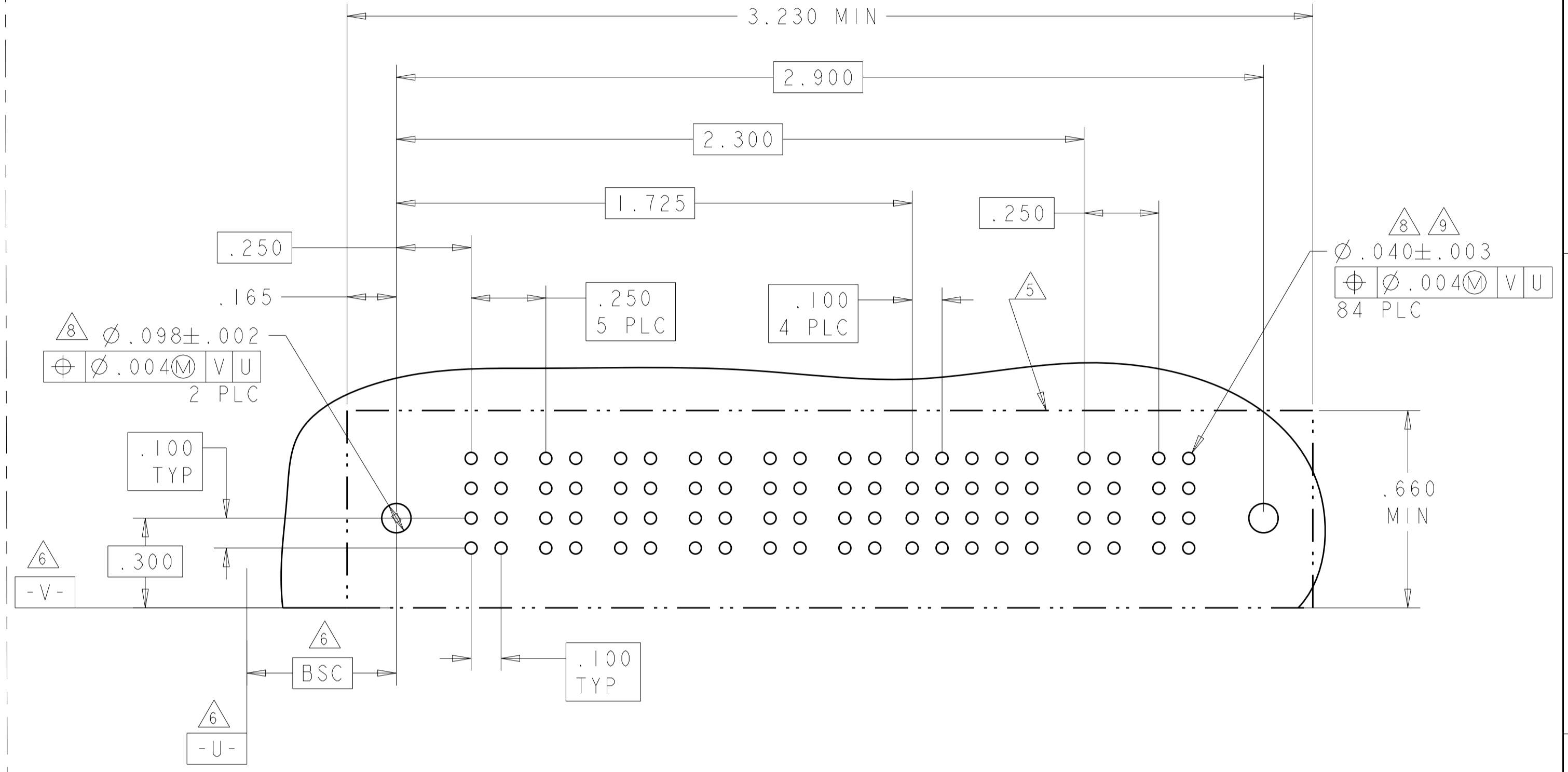
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 14FEB2005 CHK: M. PERCHERKE 14FEB2005 APV: M. PERCHERKE 14FEB2005		TE Connectivity	
DIMENSIONS: INCHES 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±.01 2 PLC ±.005 3 PLC ±.002 4 PLC ±.002 ANGLES ±.020	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038		SIZE: A1 CAGE CODE: 100779 DRAWING NO: 6450130	
MATERIAL:		FINISH:		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													



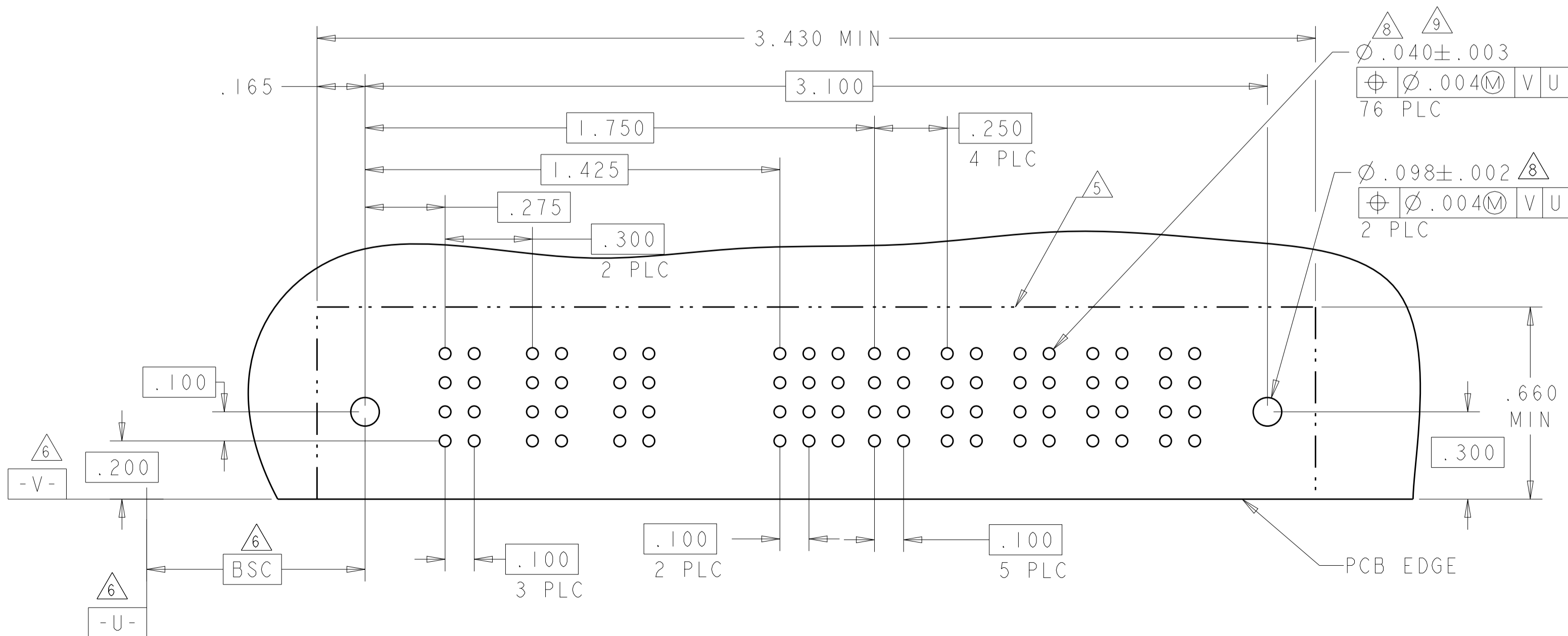
LOC	DIST	REVISIONS					
ES	00	P	LYR	DESCRIPTION	DATE	DMN	APVD
-	-	-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER						SIGNAL					POWER	
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	P7	P8
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														

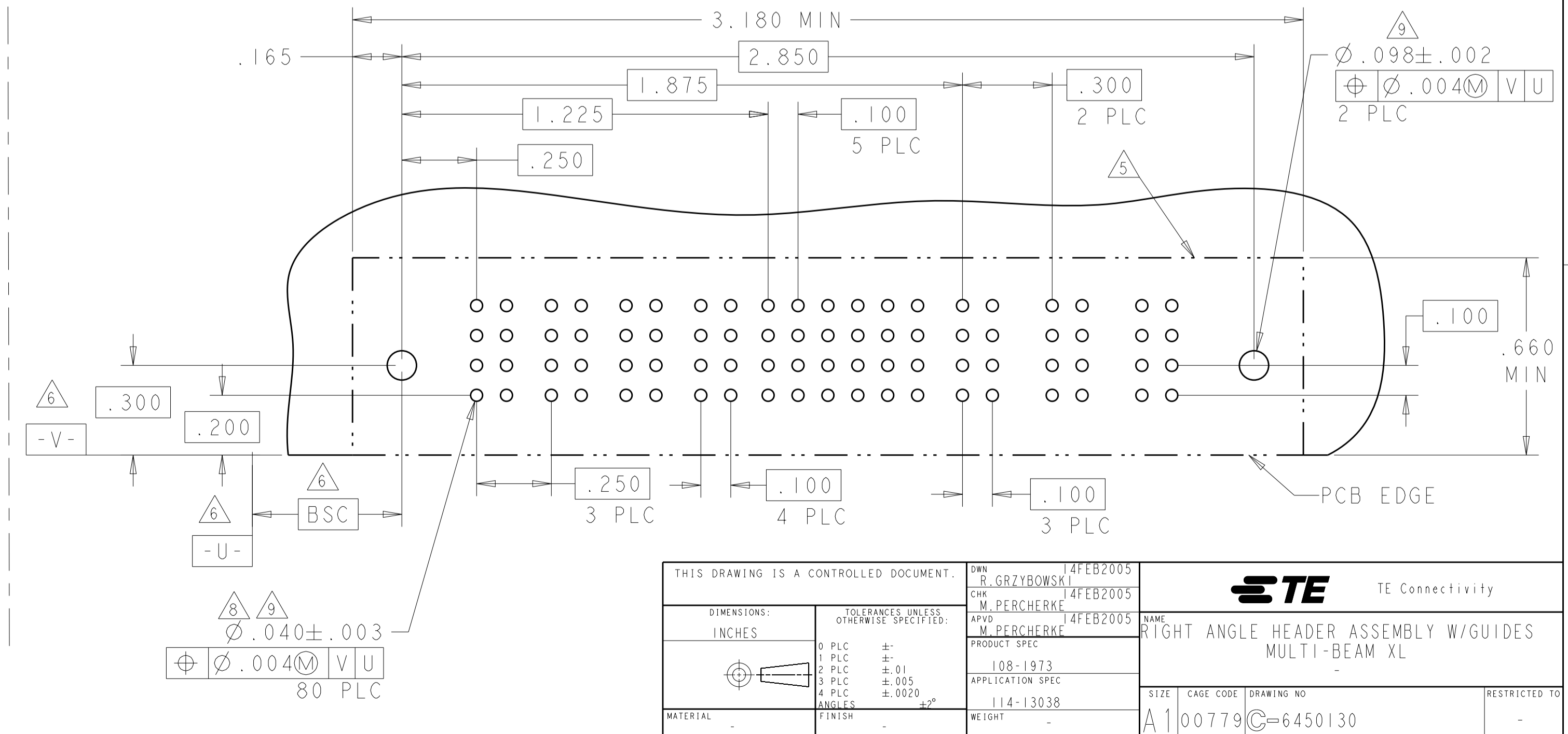


PART NUMBER	ROWS	POWER			SIGNAL						POWER				
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8
7-6450130-6	D C B A	PM	PM	PM							PM	PM	PM	PM	PM
					J	J	J	J	J						
					K	K	K	K	K						
					N	N	N	N	N						
3ACP + 24S + 5P															

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														

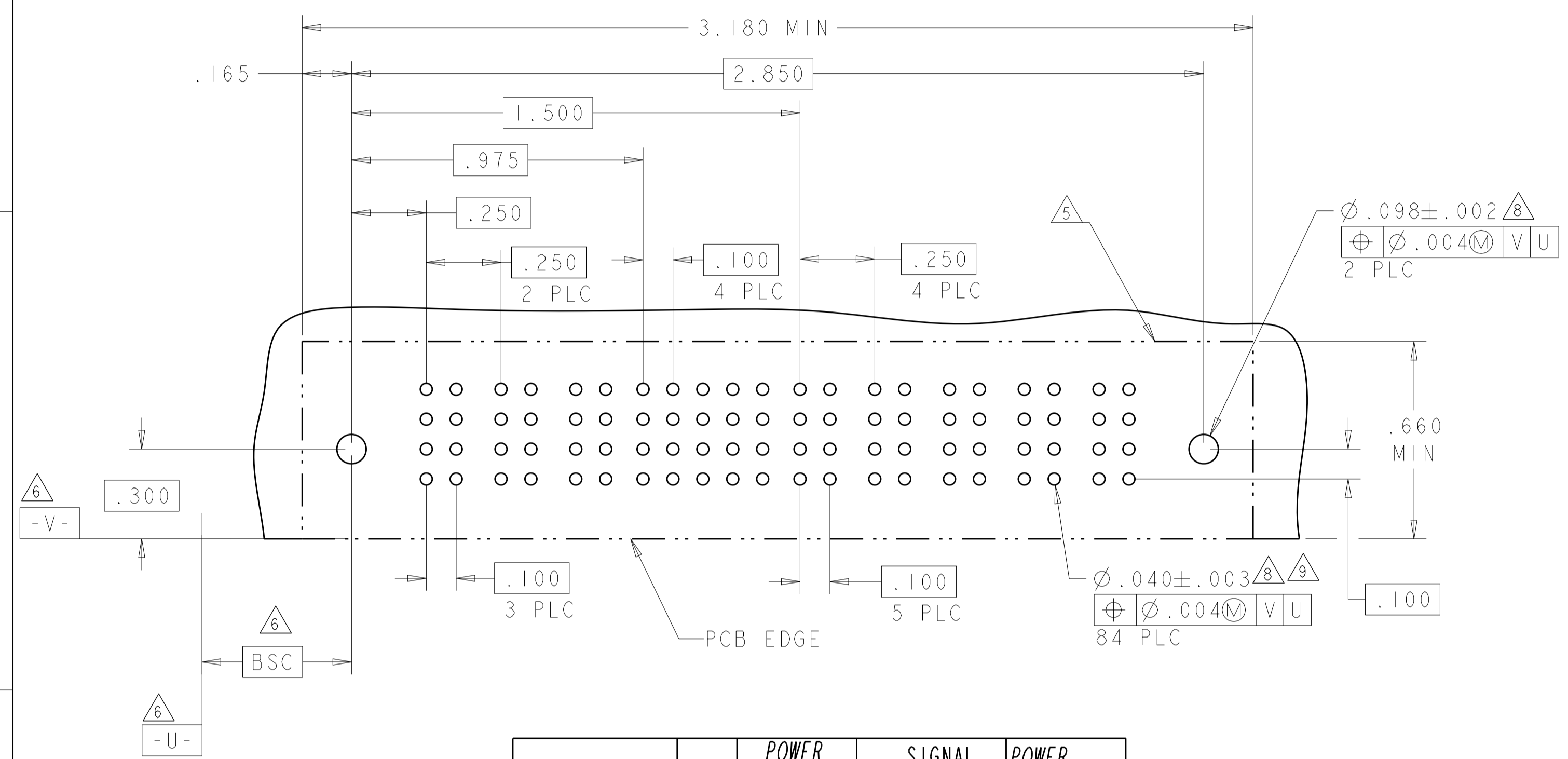


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 14FEB2005		TE Connectivity	
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005		NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE 14FEB2005	PRODUCT SPEC: 108-1973		RESTRICTED TO
0 PLC ±.01		APPLICATION SPEC: 114-13038			
1 PLC ±.01		WEIGHT: A100779C=6450130		SCALE: 4:1 SHEET 13 OF 28 REV: M2	
2 PLC ±.01		Customer Drawing			
3 PLC ±.005					
4 PLC ±.002					
ANGLES ±.020					
MATERIAL:					
FINISH:					

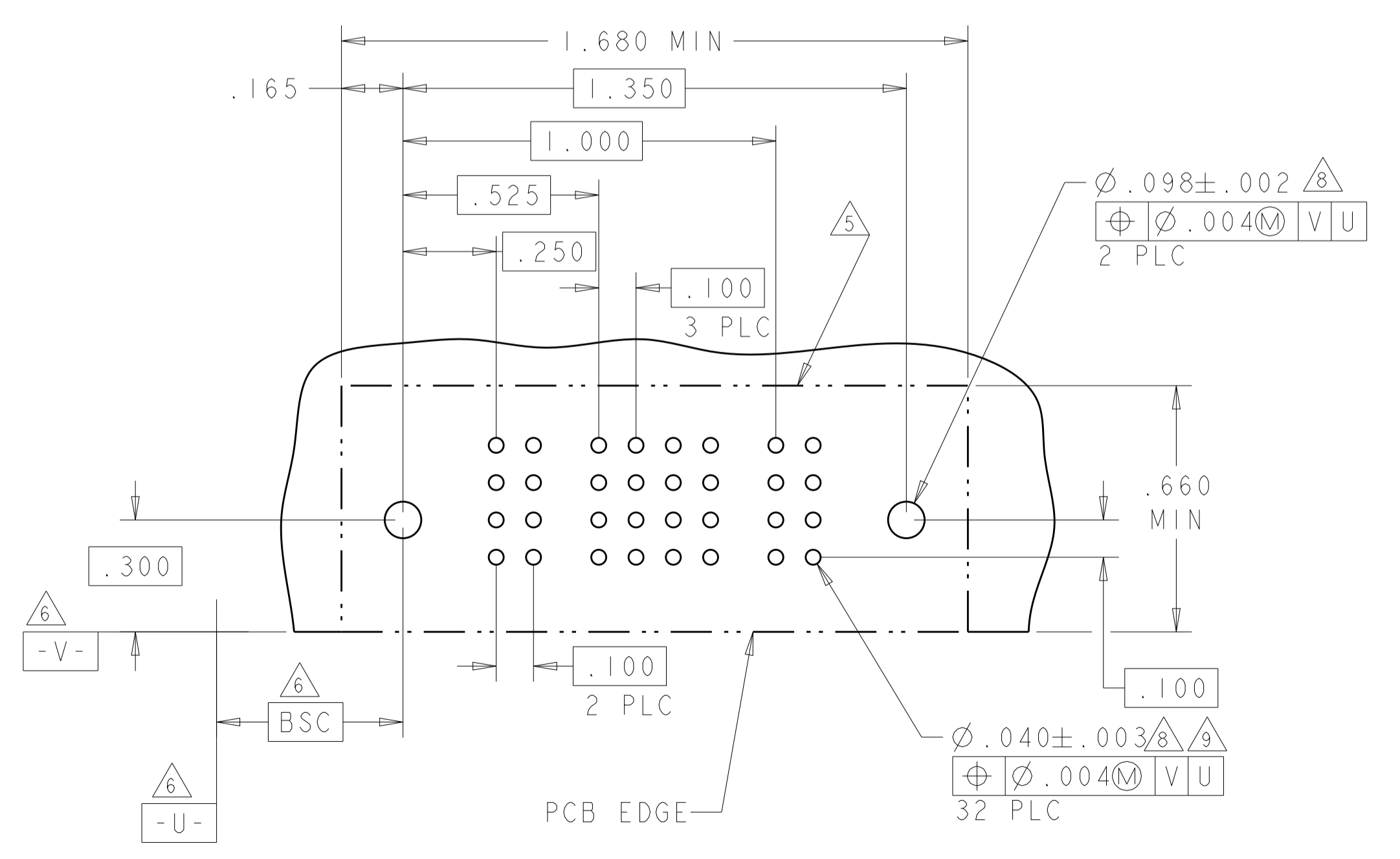
LOC	DIST	REV	DATE	BY	APPV
ES	00				
DESCRIPTION			DATE	BY	APPV
SEE SHEET 1					

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

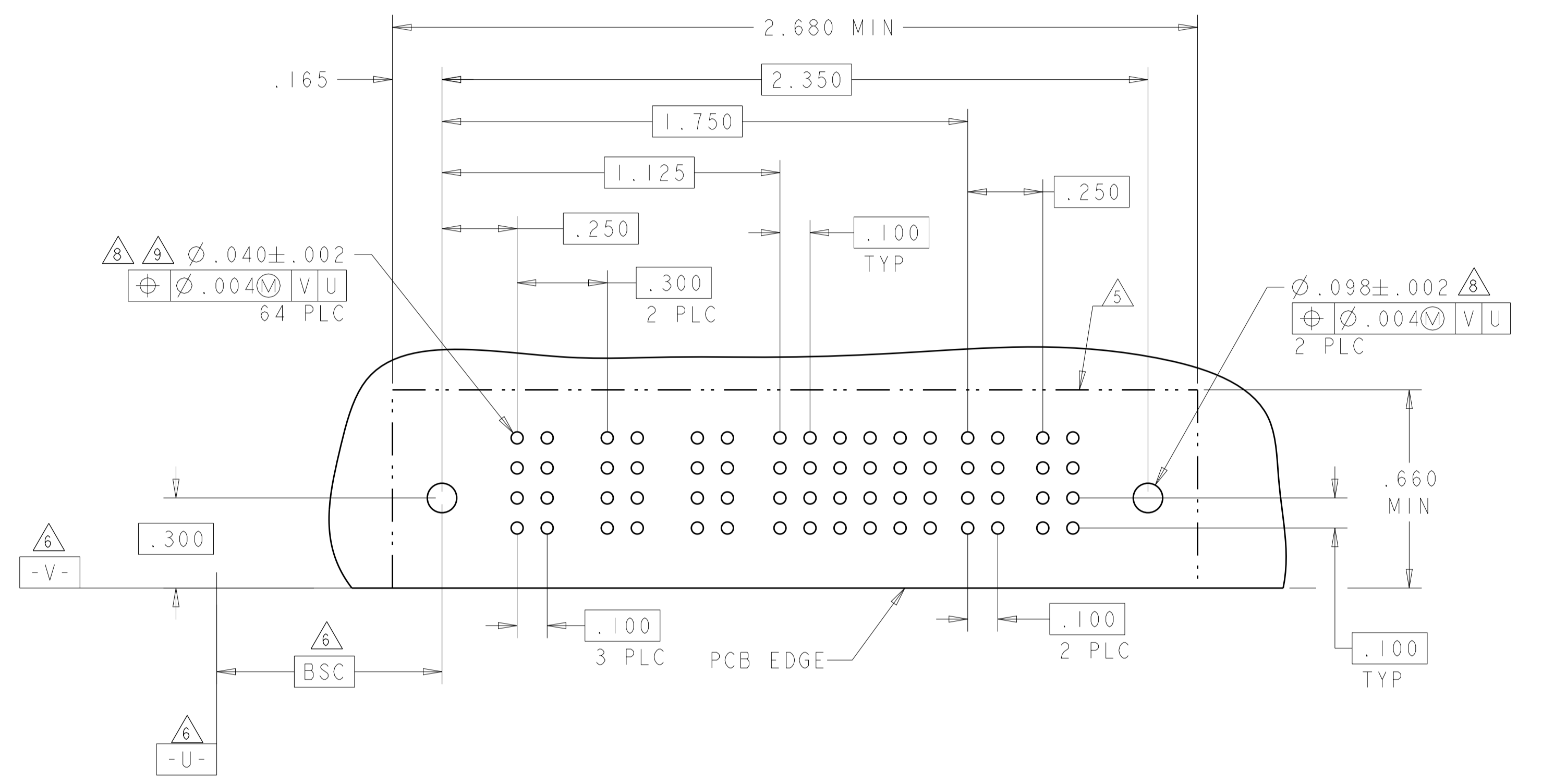
NO CONTACTS LOADED



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

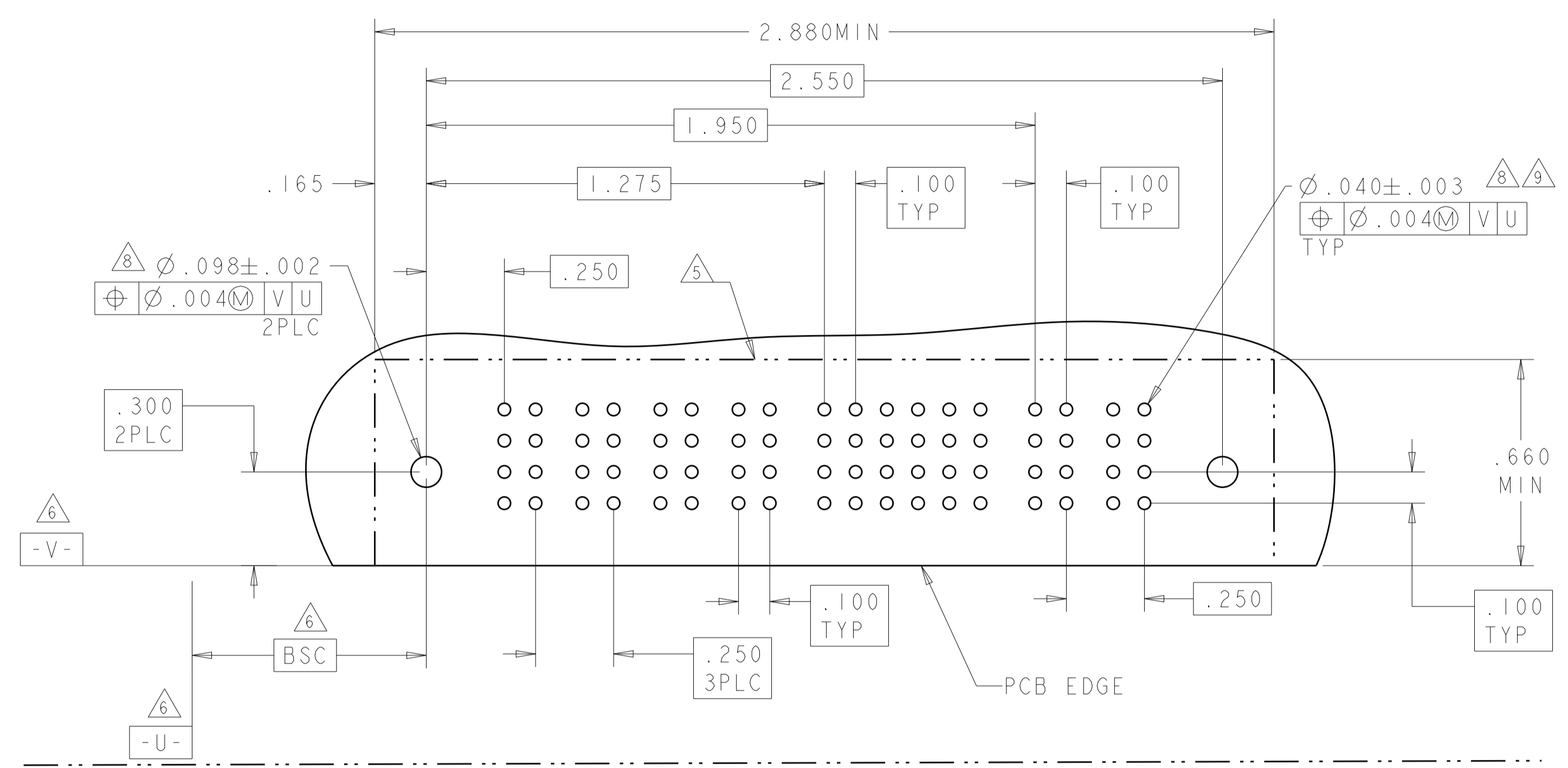


THIS DRAWING IS A CONTROLLED DOCUMENT.

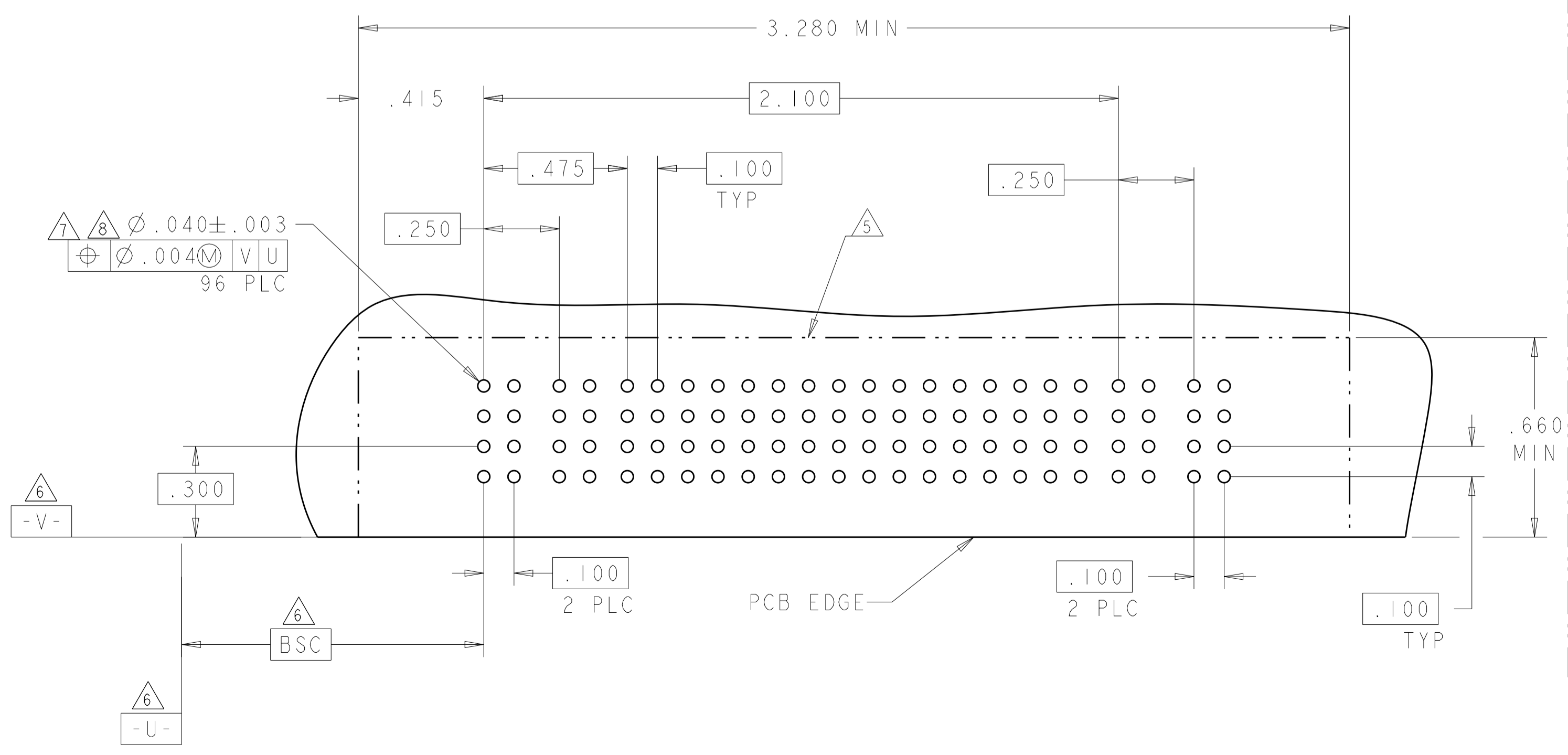
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 14FEB2005	CHK: M. PERCHERKE 14FEB2005	APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
INCHES	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	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	PM	PM	PM	PM	J	J	J	E	J	J	PM	PM
	C					K	K	K	K	K			
	B					N	N	N	N	N			
	A					S	S	S	S	S			
4P + 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						
8-6450130-7	D	PA	PA	A	4	A	4	A	4	A	4	A	4	A	4	A	4	A	4	A	4	A	4	PA	PA		
	C			A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3	A	3				
	B			A	2	A	2	A	2	A	2	A	2	A	2	A	2	A	2	A	2	A	2			A	2
	A			A	1	A	1	A	1	A	1	A	1	A	1	A	1	A	1	A	1	A	1			A	1
2P + 64S + 2P																											

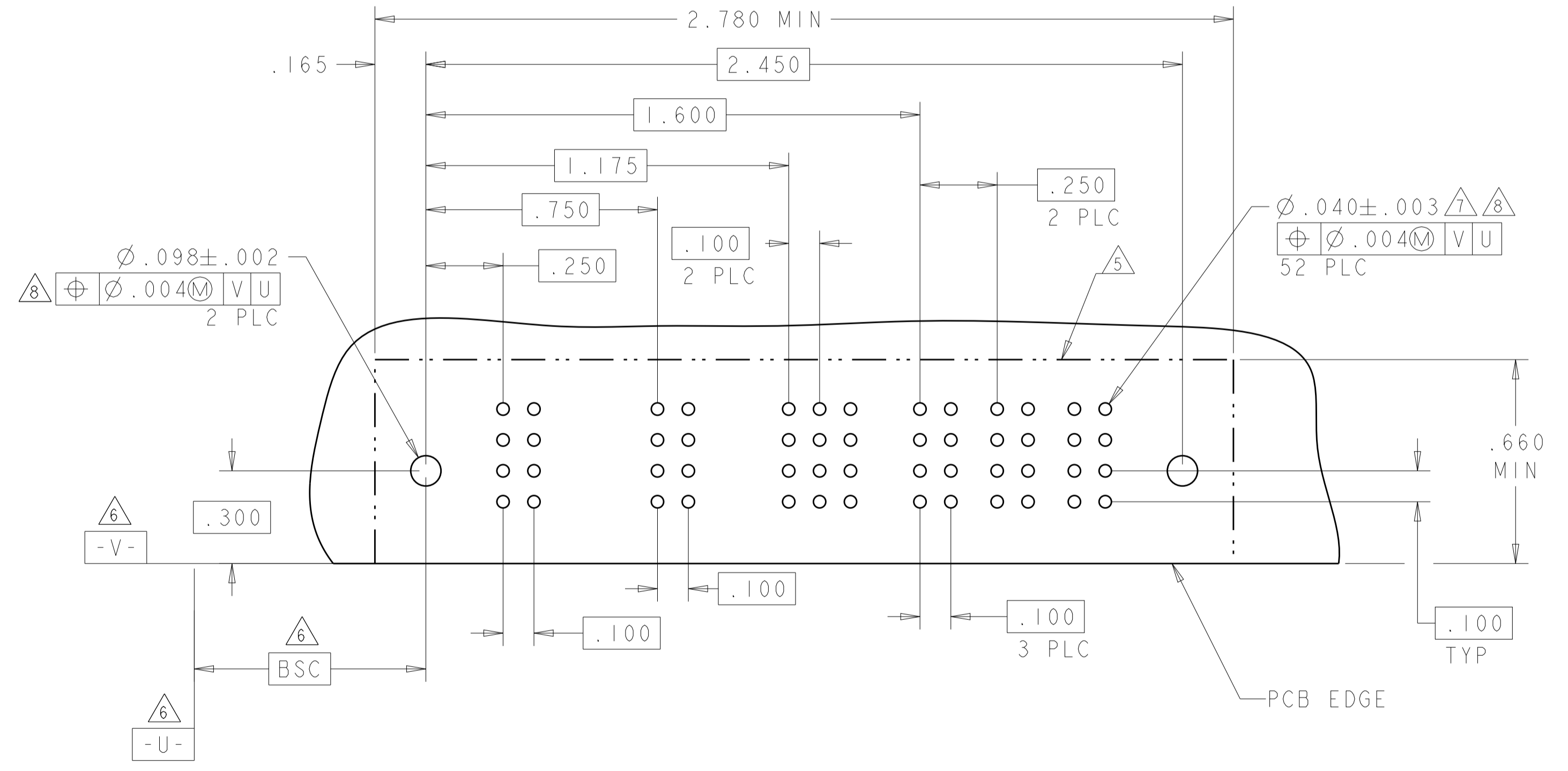


PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
8-6450130-6	D	PM	PM	PM	J	J	J	PM	PM	PM	PM	PM	
	C				K	K	K						
	B				N	N	N						
	A				S	S	S						
3P + 24S + 3P													

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

NO CONTACT LOADED



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

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 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020		PRODUCT SPEC: 108-1973	SIZE: CAGE CODE: DRAWING NO: A100779
MATERIAL: FINISH:		APPLICATION SPEC: 114-13038	RESTRICTED TO: -
		WEIGHT: -	SCALE: 4:1 SHEET 15 OF 28 REV: M2
		Customer Drawing	

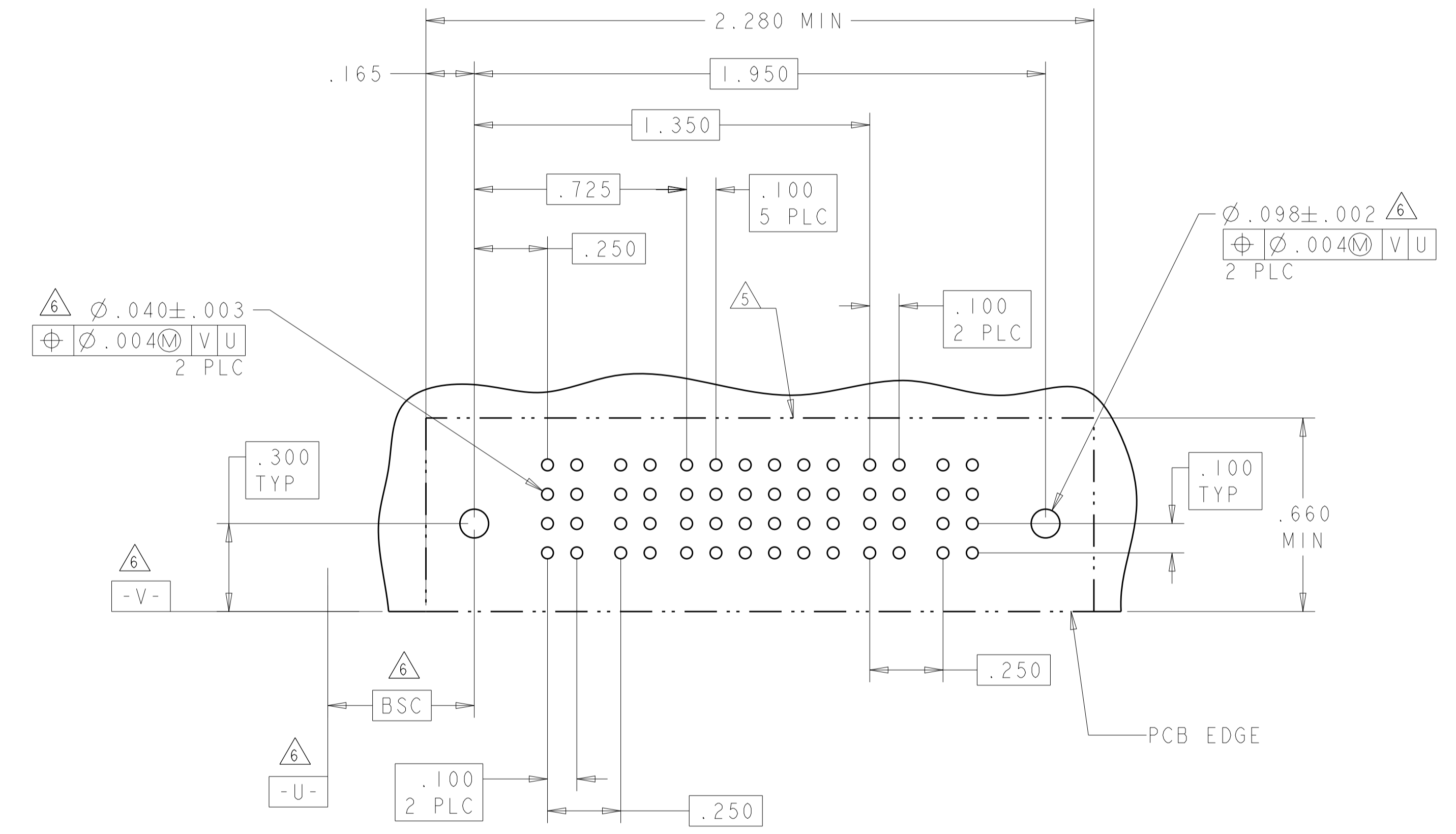
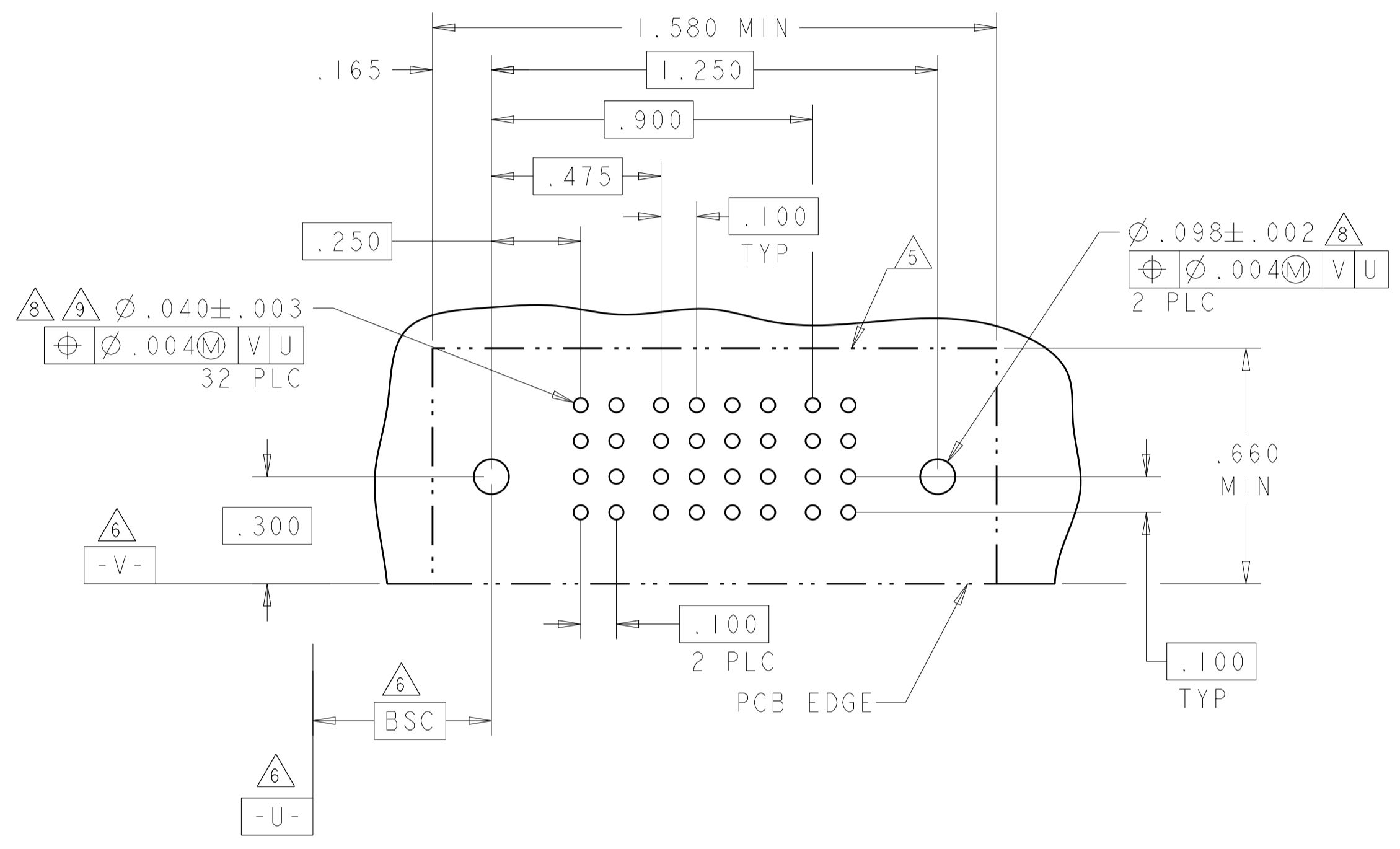
LOC	DIST	REVISIONS			
P	LTM	DESCRIPTION	DATE	OWN	APVD
-	-	SEE SHEET 1	-	-	-

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

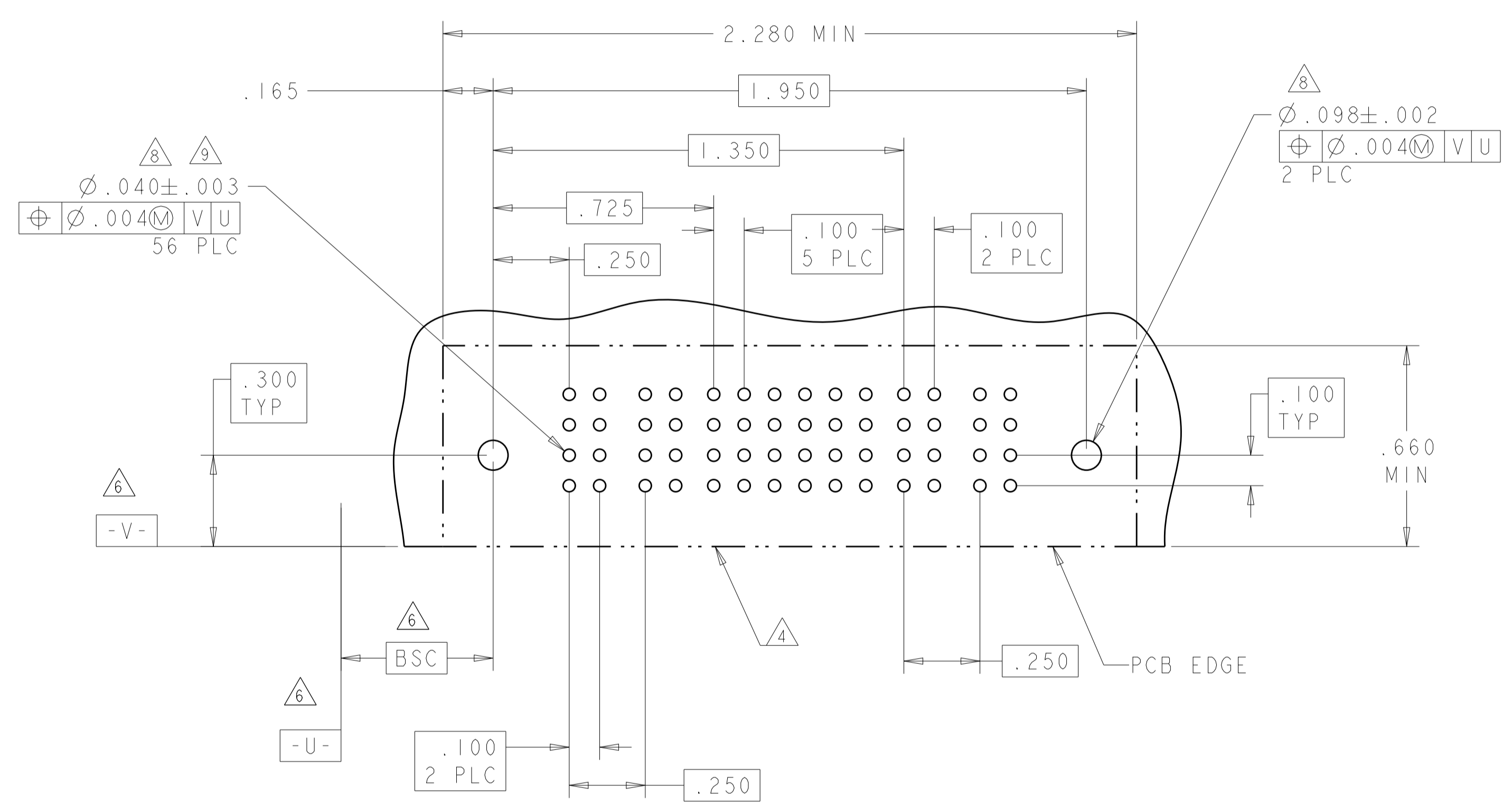
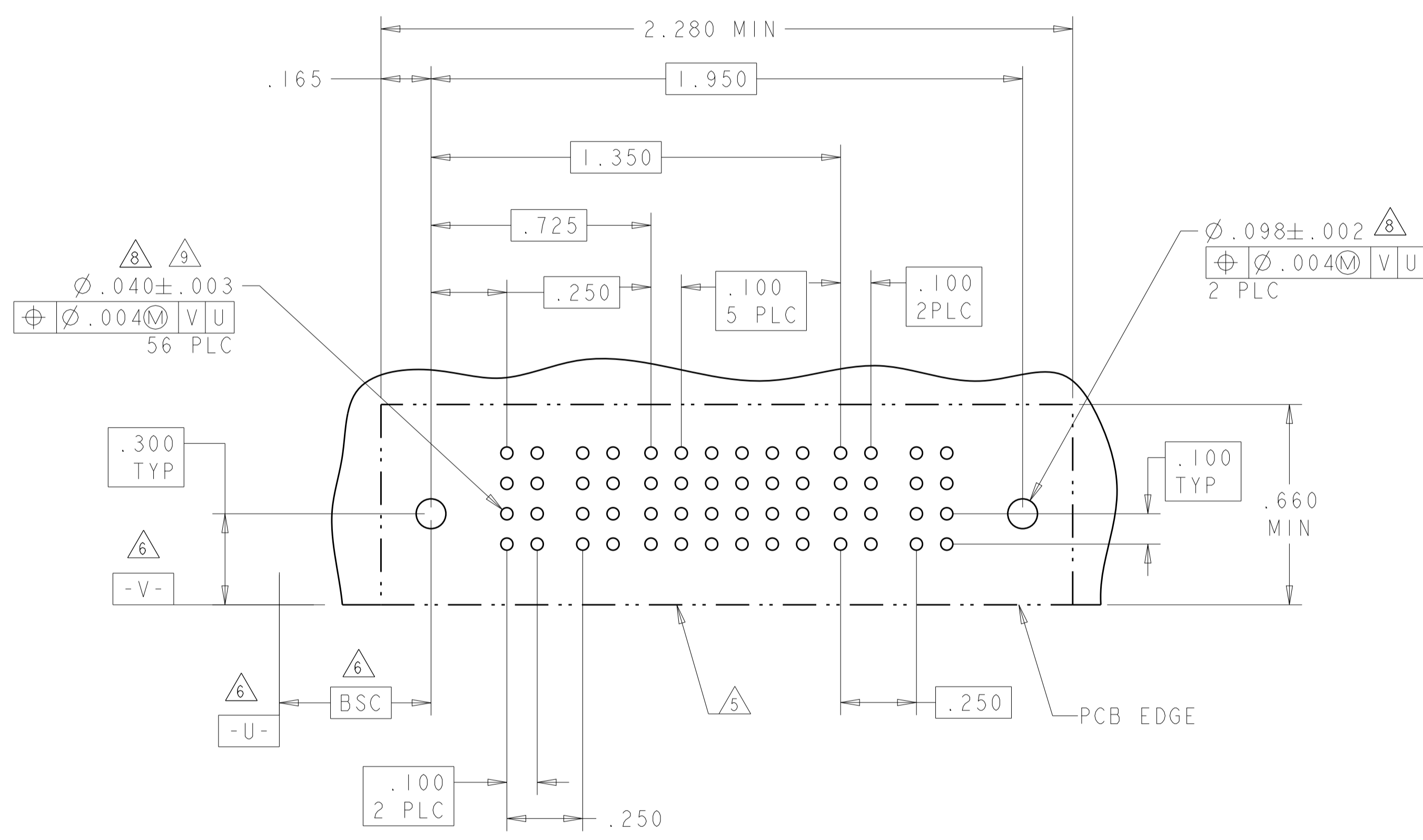


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 14FEB2005	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020 FINISH		PRODUCT SPEC: 108-1973	SIZE: A1
MATERIAL: -		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450130
Customer Drawing		WEIGHT: -	RESTRICTED TO: -
		SCALE: 4:1	SHEET 16 OF 28

LOC	DIST	REVISIONS			
ES	00	REV	DATE	BY	APPV
		1	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.

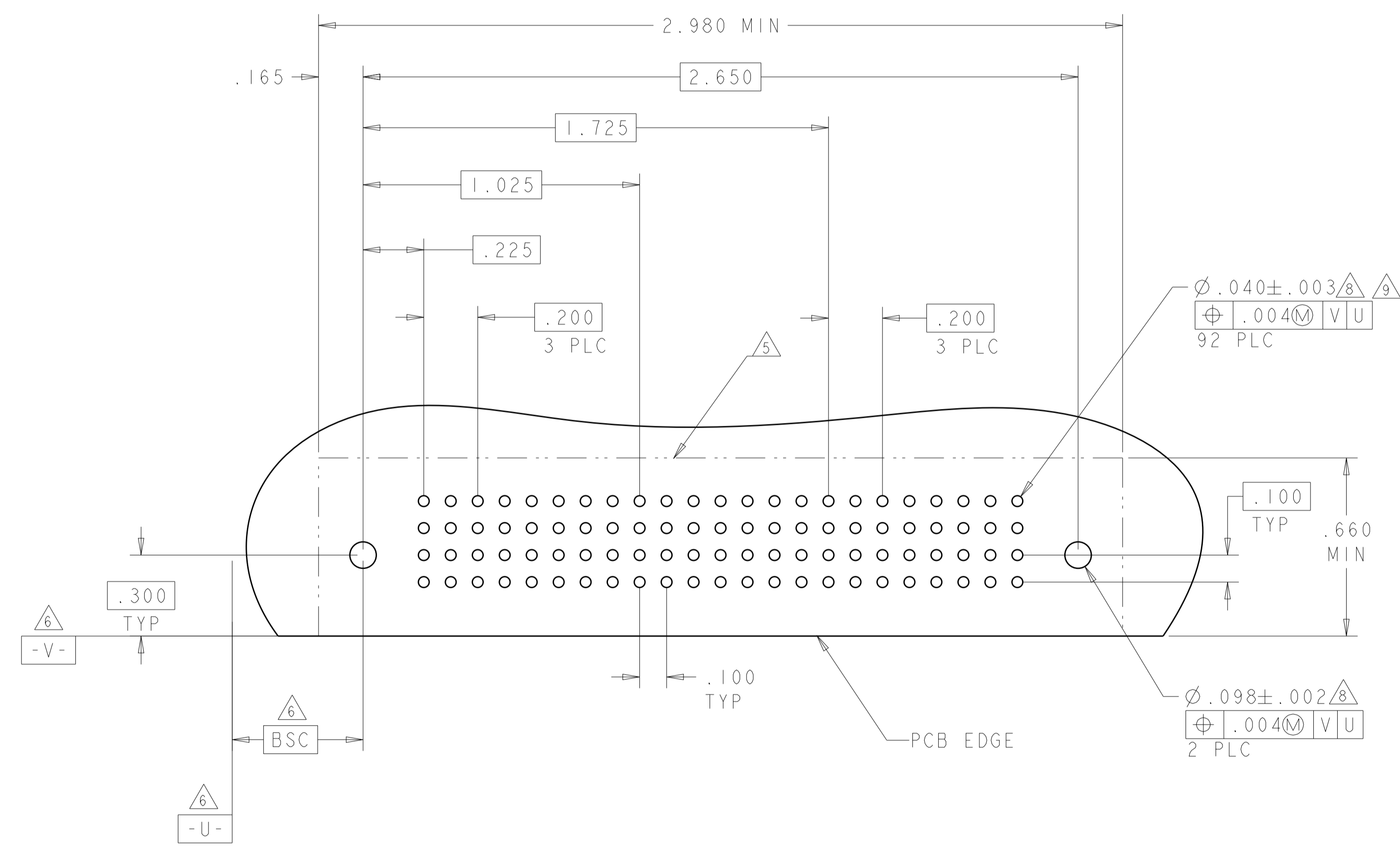
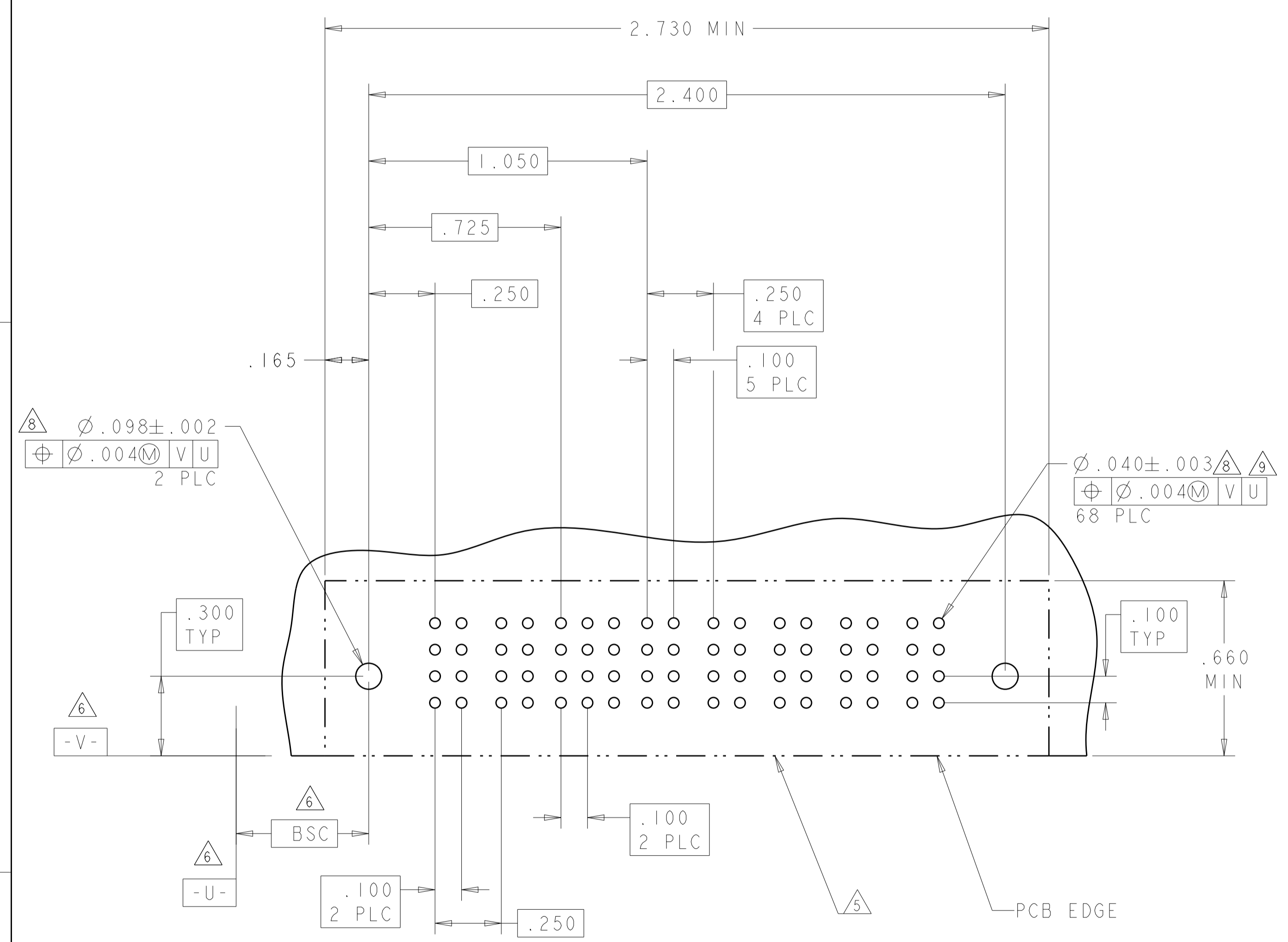
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 14FEB2005	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005	
0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL SIZE: A1 CAGE CODE: 00779 DRAWING NO: 6450130 RESTRICTED TO: -
MATERIAL: -		FINISH: -	Customer Drawing
		SCALE: 4:1	SHEET 17 OF 28

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	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: CAGE CODE DRAWING NO: A100779C=6450130	
MATERIAL: -		APPLICATION SPEC: 114-13038	RESTRICTED TO: -	
FINISH: -		WEIGHT: -	SCALE: 4:1 SHEET 18 OF 28 REV: M2	
		Customer Drawing		

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

(K5)

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

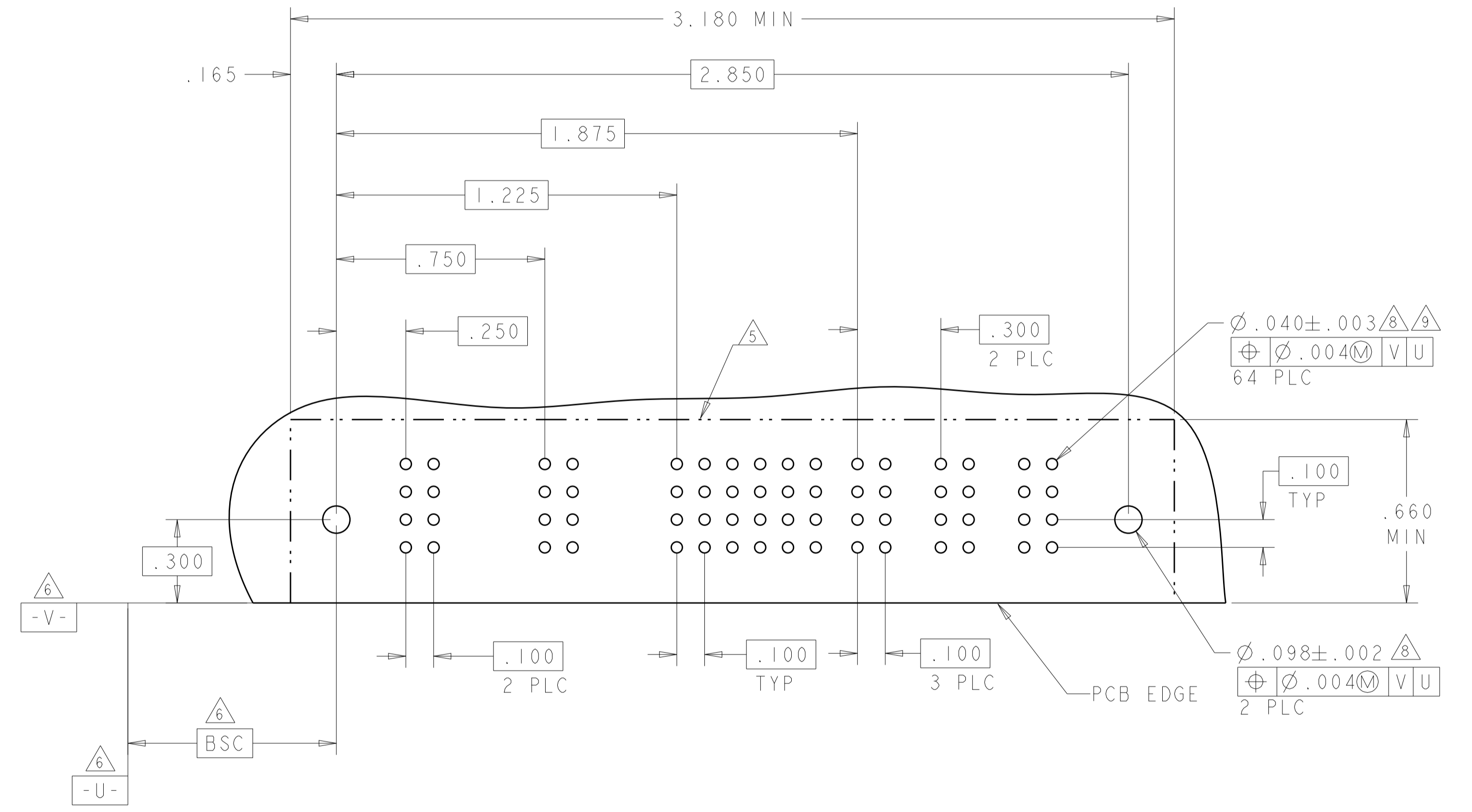
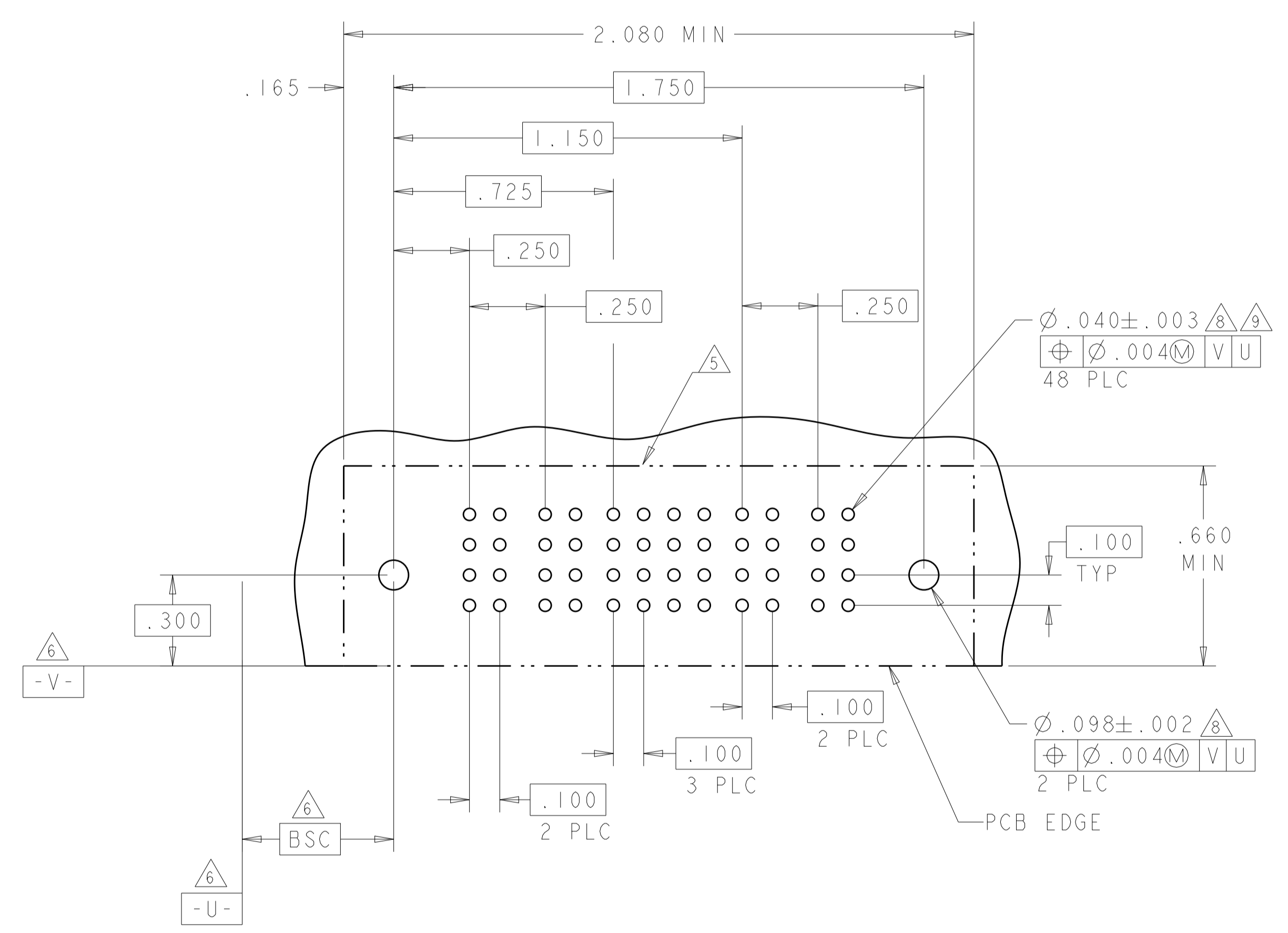
2P + 16S + 2P

(K6)

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

4P + 24S + 3ACP

NO CONTACT LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.

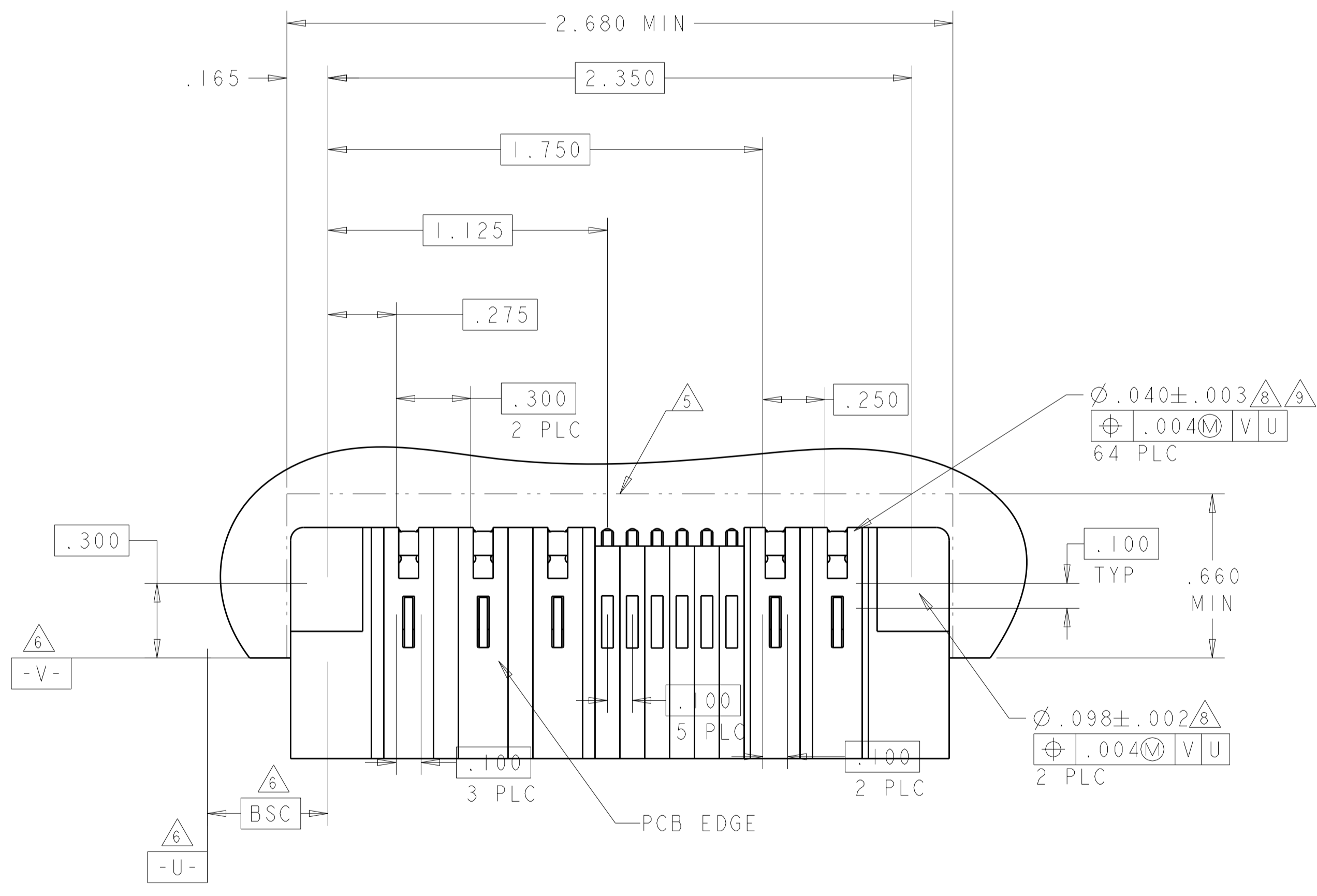
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DMN: R. GRZYBOWSKI 14FEB2005	CHK: M. PERCHERKE 14FEB2005	APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
INCHES	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	SIZE: A1	CAGE CODE: 6450130
MATERIAL:	FINISH:	WEIGHT:	Customer Drawing	SCALE: 4:1	SHEET 19 OF 28

RESTRICTED TO REV M2

LOC	DIST	REV	DATE	BY	CHKD	APVD
ES	00	-				
		REVISIONS				
		DESCRIPTION	DATE	BY	CHKD	APVD
		SEE SHEET 1				

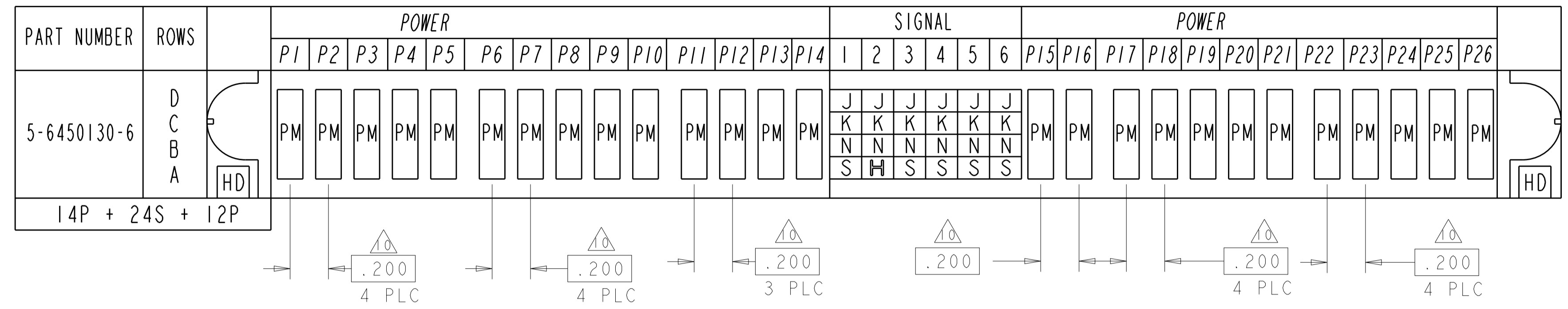
PART NUMBER	ROWS	POWER			SIGNAL						POWER		HD
		P1	P2	P3	1	2	3	4	5	6	P4	P5	
2-6450130-6	D				J	J	J	J	J	J			
	C				K	K	K	K	K	K			
	B				N	N	N	N	N	N			
	A	HD				S	S	S	S	S			HD

3ACP + 24S + 2P



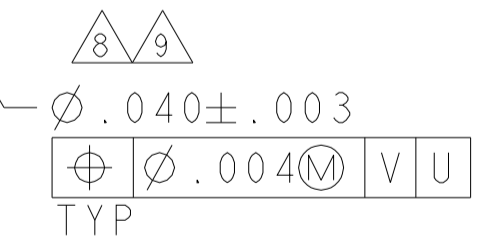
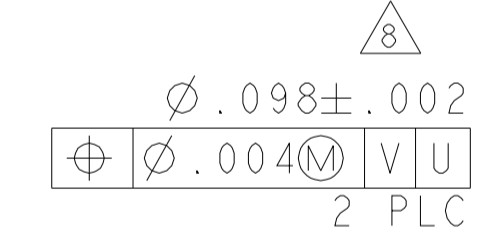
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R.GRZYBOWSKI 14FEB2005					
DIMENSIONS: INCHES		CHK: M.PERCHEKKE 14FEB2005					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M.PERCHEKKE 14FEB2005					
0 PLC ±	1 PLC ±.01	2 PLC ±.01	3 PLC ±.005	4 PLC ±.0020	ANGLES ±.2°	FINISH	REVISIONS
MATERIAL		108-1973	PRODUCT SPEC		APPLICATION SPEC		SIZE: 114-13038
MATERIAL		114-13038	APPLICATION SPEC		WEIGHT		RESTRICTED TO
MATERIAL		Customer Drawing	SCALE: 4:1		SHEET 20 OF 28		REV: M2

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



L2

L6



THIS DRAWING IS A CONTROLLED DOCUMENT.

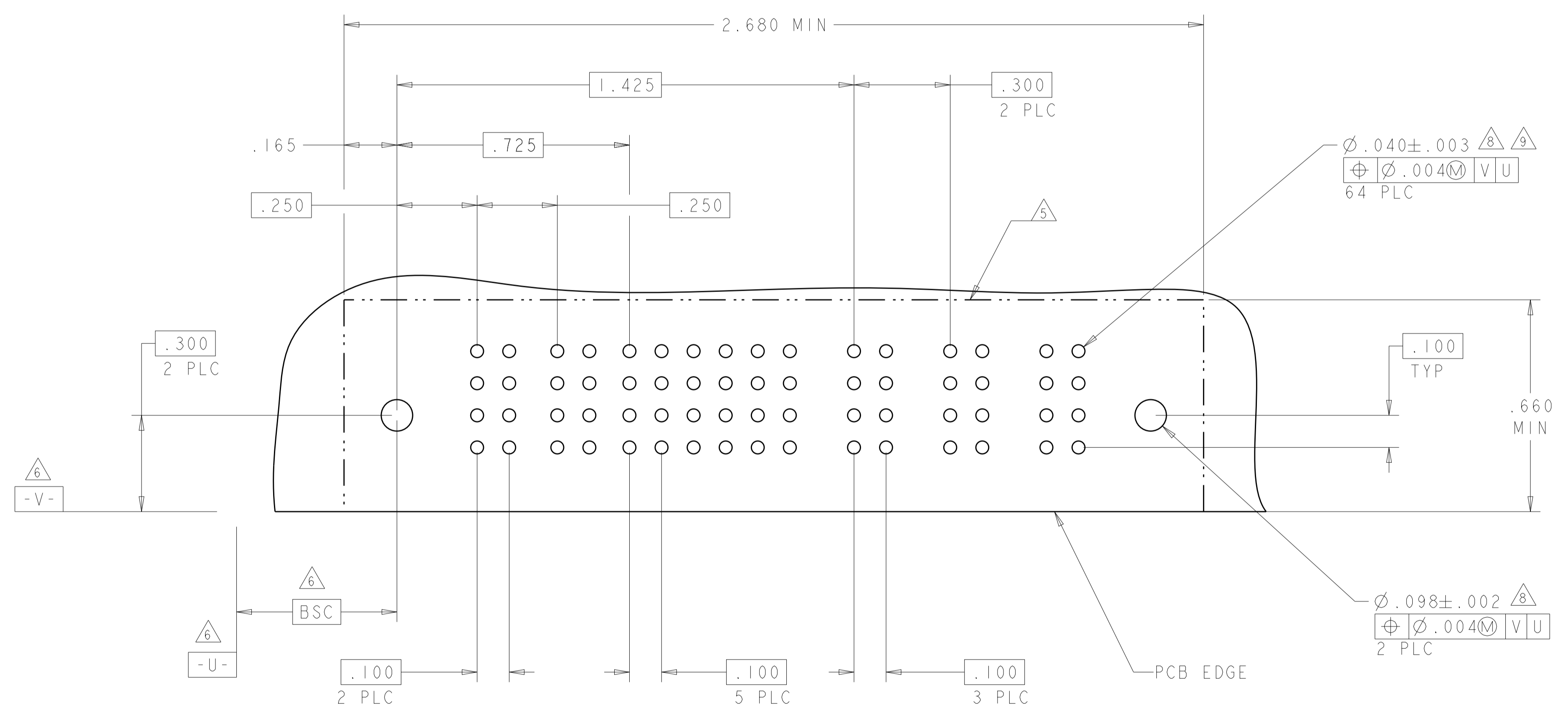
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°	OWN: R. GRZYBOWSKI 14FEB2005 CHK: M. PERCHERKE 14FEB2005 APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
MATERIAL: .	FINISH: .	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: .	SIZE: A1 CAGE CODE: 00779 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



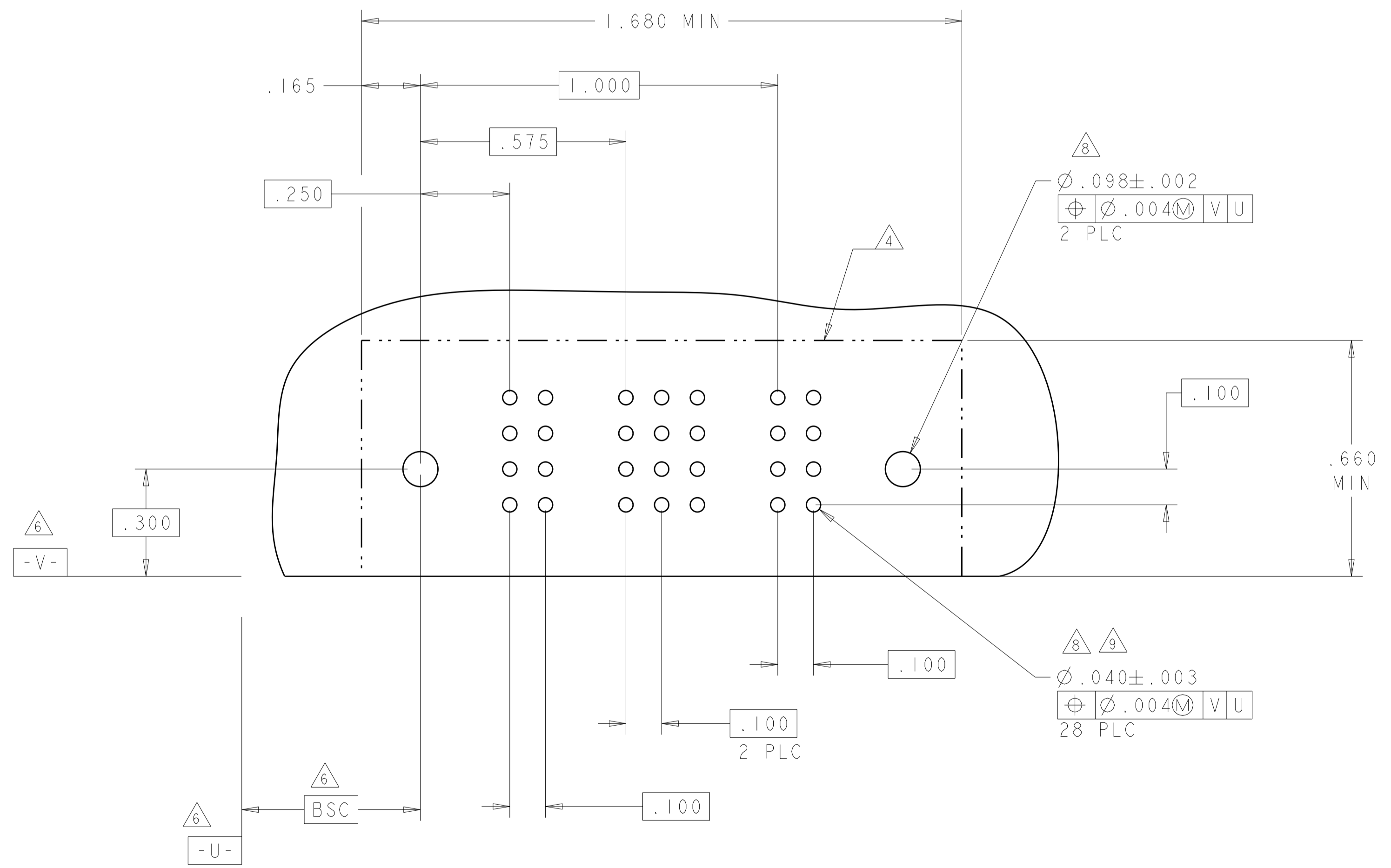
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 14FEB2005	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 14FEB2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
0 PLC ±	1 PLC ±.01	PRODUCT SPEC	SIZE: 108-1973
2 PLC ±.01	3 PLC ±.005	APPLICATION SPEC	RESTRICTED TO
4 PLC ±.0020	ANGLES ±.2°	114-13038	SCALE: 4:1
MATERIAL: -	FINISH: -	WEIGHT: -	SHEET 22 OF 28
Customer Drawing		Customer Drawing	REV: M2

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

PART NUMBER	ROWS		POWER		SIGNAL					POWER	
			PI	1	2	3	4	5	P2		
9-6450130-6	D		PM		E	J	J			PM	HD
	C				K	K	K				
	B				N	N	N				
	A				S	S	S				

IP + 20S + IP

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R.GRZYBOWSKI 14FEB2005	 TE Connectivity
DIMENSIONS: INCHES		CHK: M.PERCHEKKE 14FEB2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M.PERCHEKKE 14FEB2005	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 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 23 OF 28 REV: M2

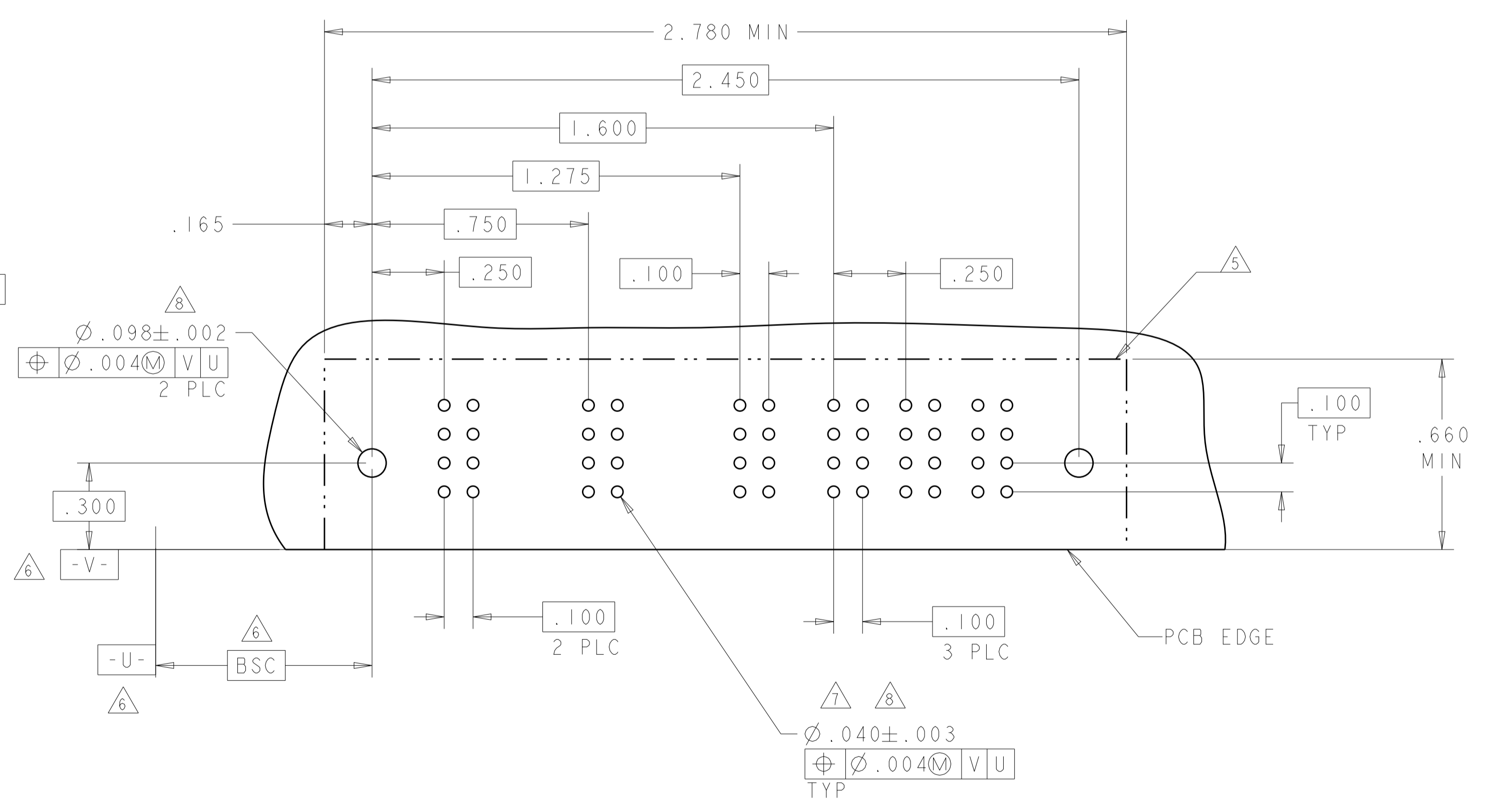
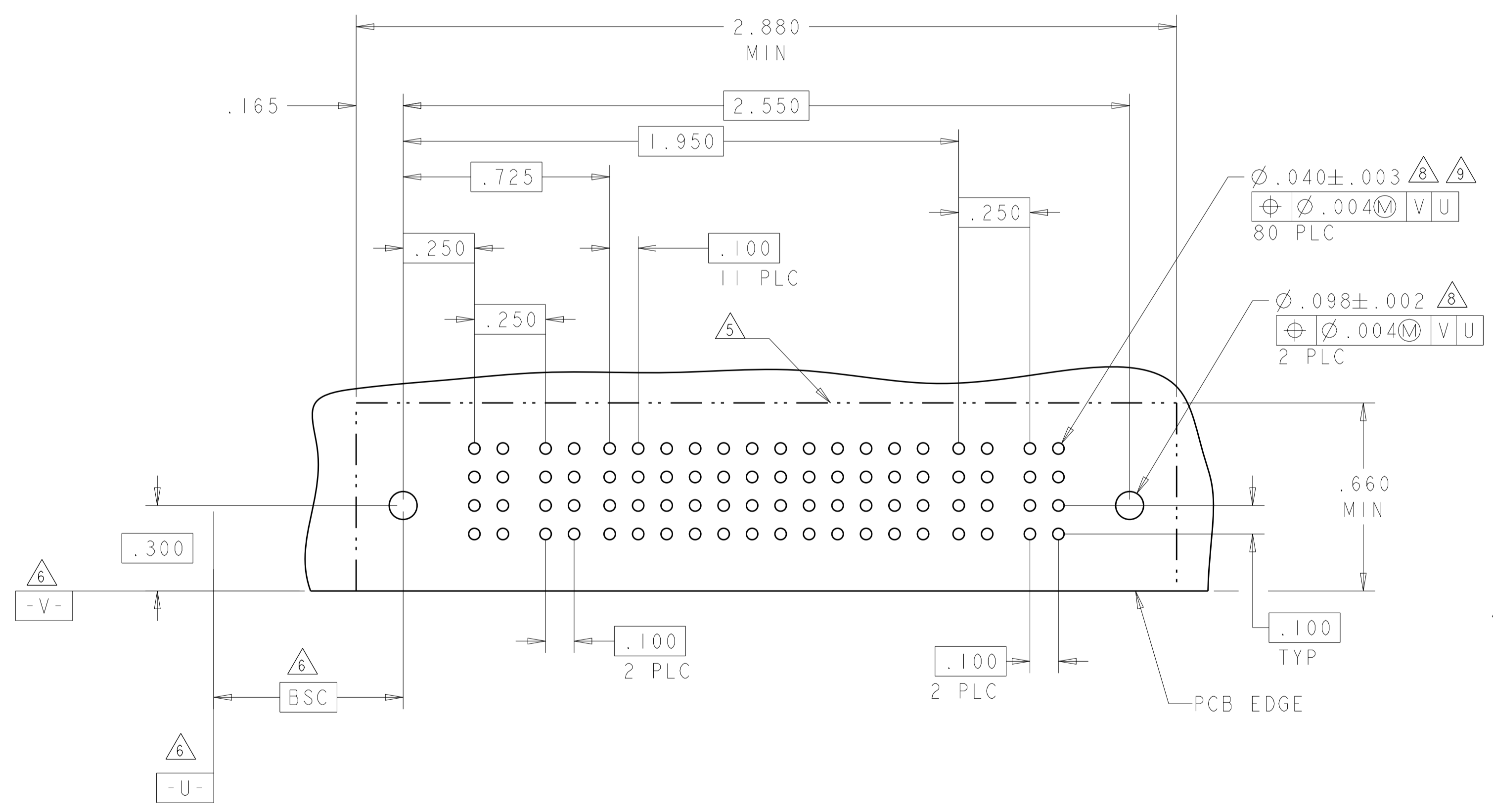
LOC	DIST	REV	DATE	BY	APPV
ES	00				
REVISIONS			DESCRIPTION	DATE	BY
			SEE SHEET 1		

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.

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

STE TE Connectivity

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

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

SIZE: A1
 CAGE CODE: 6450130
 DRAWING NO: 100779

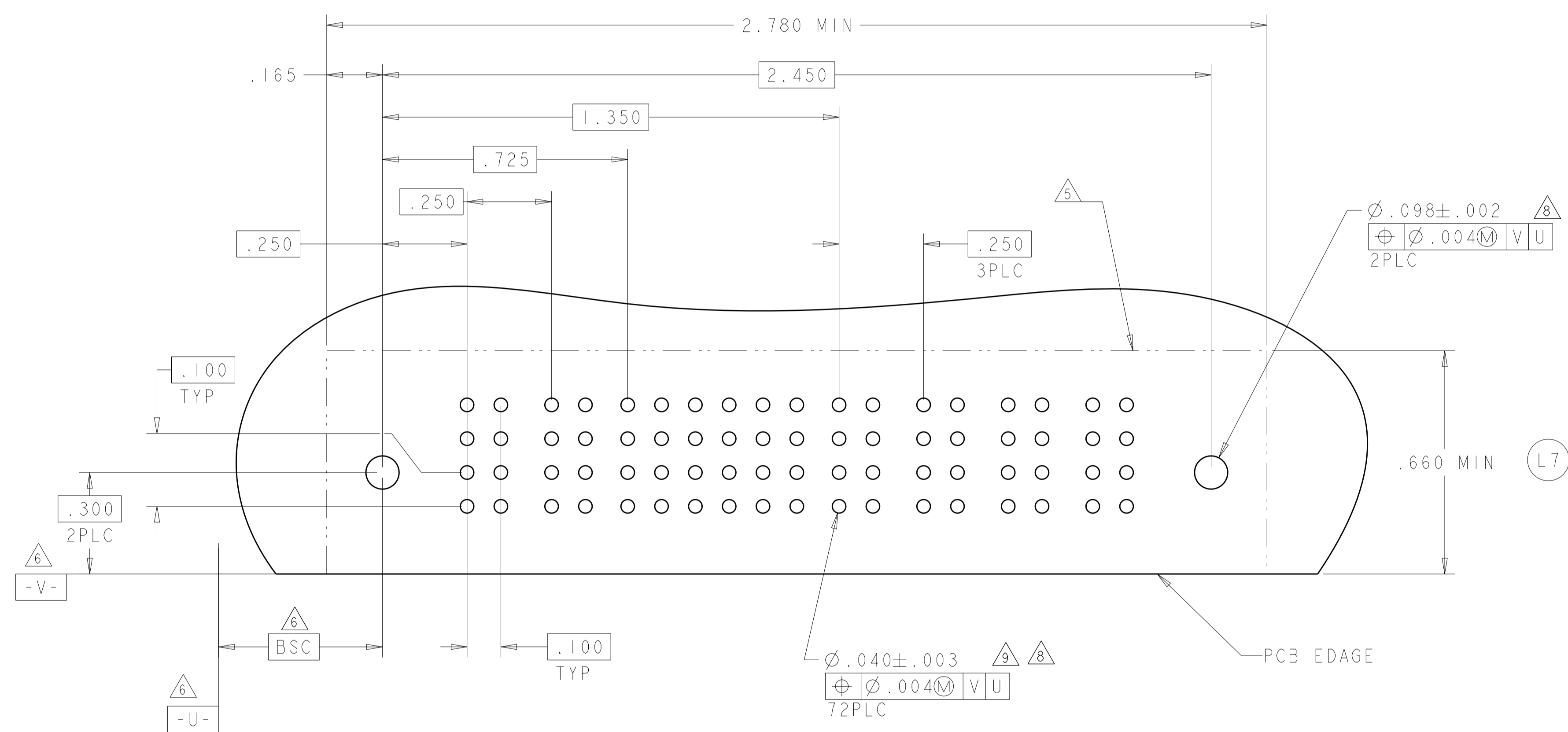
RESTRICTED TO: -

Customer Drawing SCALE: 4:1 SHEET: 24 OF 28 REV: M2

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



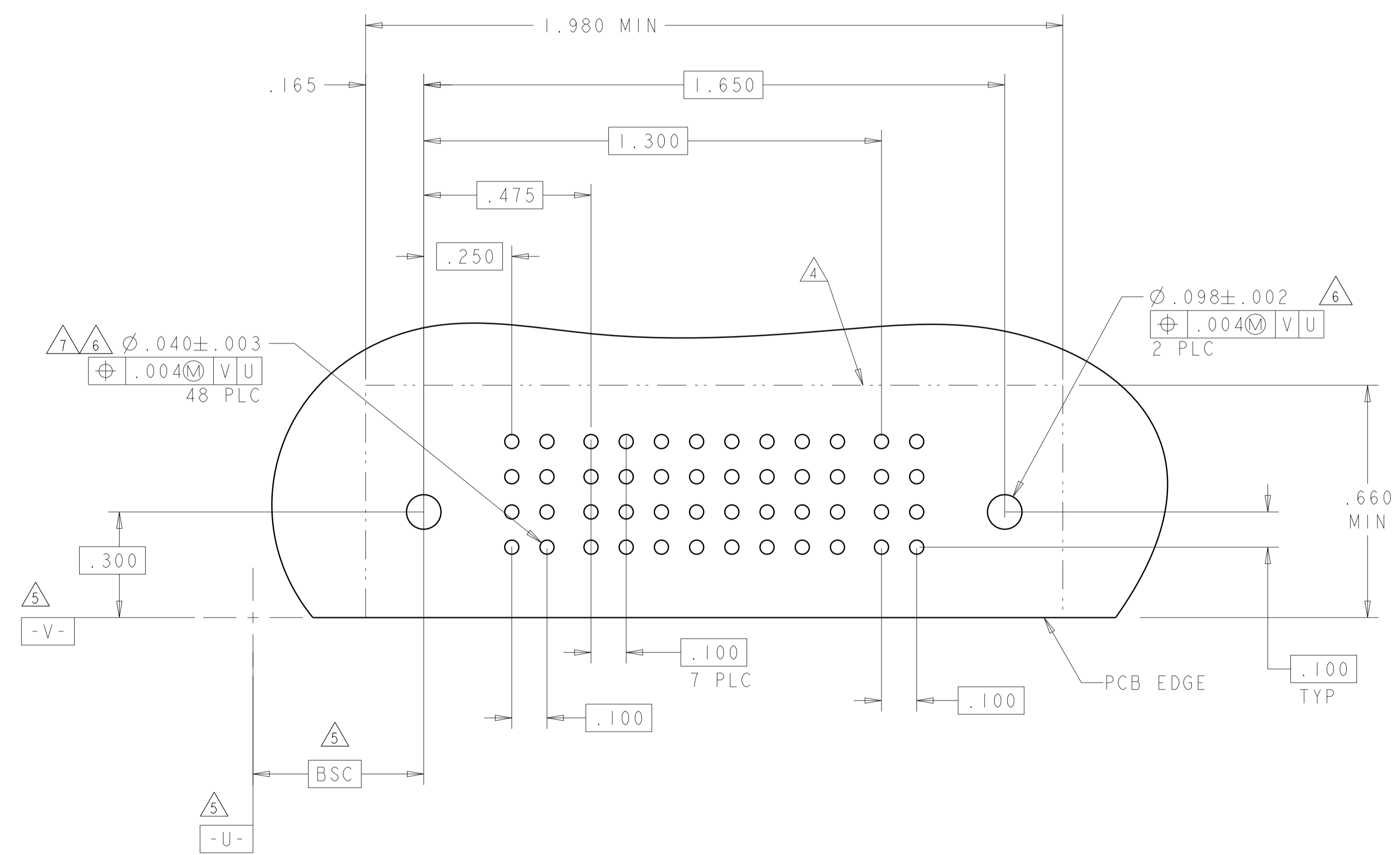
RECOMMENDED PCB LAYOUT

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 ±. 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: A1
MATERIAL: -		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450130
FINISH: -		WEIGHT: -	RESTRICTED TO: -
Customer Drawing		SCALE: 4:1	SHEET 25 OF 28 REV: M2

LOC	DIST	REV	DATE	BY	APPV
ES	00				
		DESCRIPTION		DATE	BY
		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)



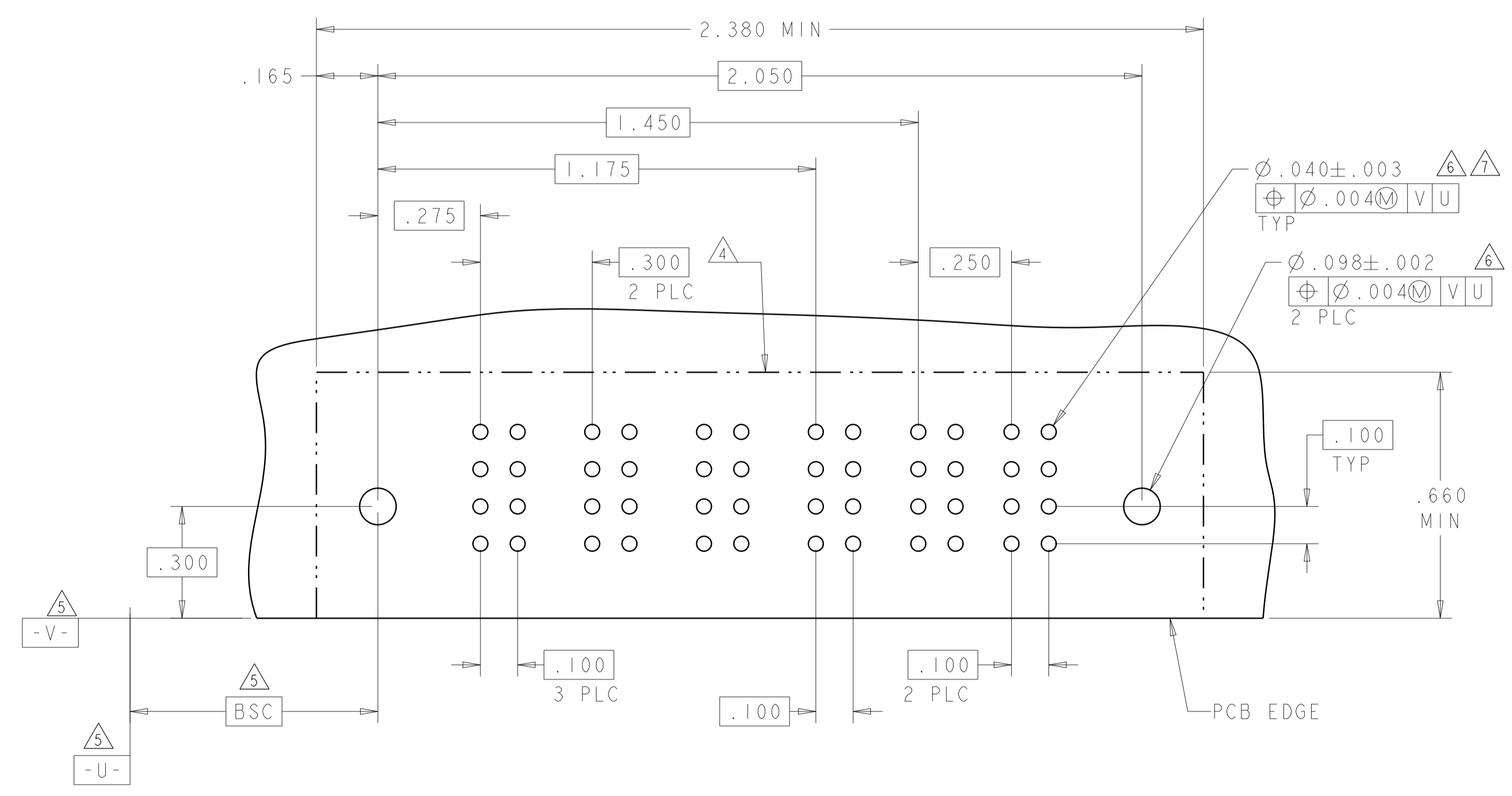
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
INCHES	0 PLC ±	1 PLC ±.01	2 PLC ±.01
	3 PLC ±.005	4 PLC ±.0020	ANGLES ±.2°

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 14FEB2005	CHK: M. PERCHERKE 14FEB2005	APVD: M. PERCHERKE 14FEB2005
MATERIAL: -		NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL		
FINISH: -		SIZE: CAGE CODE DRAWING NO: A100779C=6450130		
WEIGHT: -		RESTRICTED TO: -		
Customer Drawing		SCALE: 4:1 SHEET 26 OF 28 REV: M2		

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

(L9)

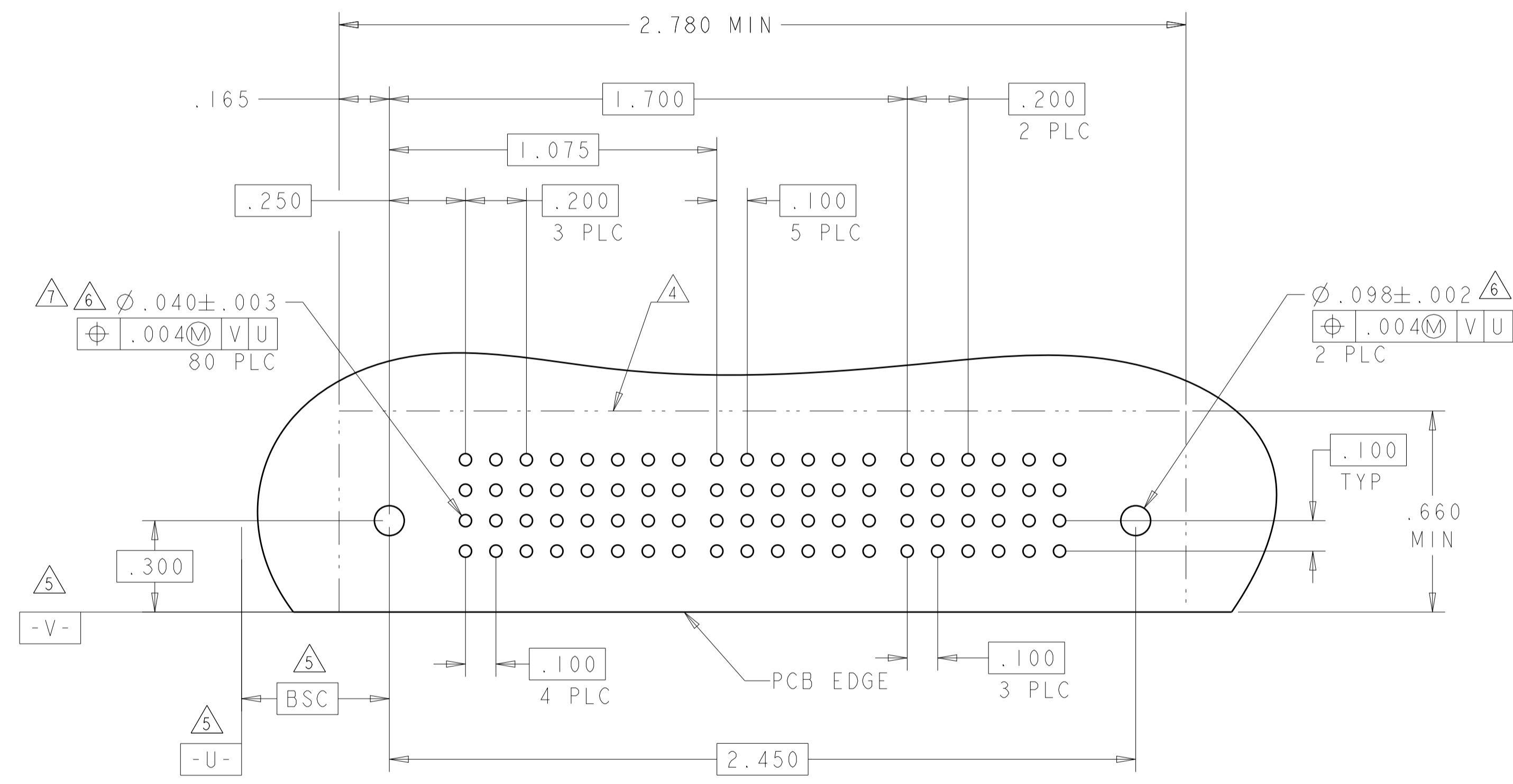
PART NUMBER	ROWS	POWER			SIGNAL		POWER	
		P1	P2	P3	1	2	P4	P5
7-6450130-1	D	PM	PM	PM	J	J	PM	PM
	C				K	K		
	B				N	N		
	A				H	S		
3ACP + 8S + 2P		HD					HD	



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	RESTRICTED TO:
MATERIAL: -		APPLICATION SPEC: 114-13038	SIZE: A1
FINISH: -		WEIGHT: -	CAGE CODE: C=6450130
Customer Drawing		SCALE: 4:1	SHEET 27 OF 28 REV: M2

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

PART NUMBER	ROWS	POWER				SIGNAL						POWER		
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7
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
0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°		PRODUCT SPEC: 108-1973	SIZE: A
MATERIAL: -		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450130
FINISH: -		WEIGHT: -	RESTRICTED TO: -
		Customer Drawing	SCALE: 4:1 SHEET 28 OF 28 REV: M2

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Power to the Board](#) category:

Click to view products by [TE Connectivity](#) manufacturer:

Other Similar products are found below :

[10131318-08512GRLF](#) [6450171-4](#) [6450552-7](#) [6600323-8](#) [6643429-1](#) [6646040-2](#) [6651939-1](#) [6766604-1](#) [120959-1](#) [1393557-2](#) [1393532-2](#)
[1393532-3](#) [1393532-4](#) [1393557-1](#) [1600812-5](#) [1-6450861-2](#) [1645595-1](#) [1743490-1](#) [1744132-7](#) [1761122-1](#) [1766169-1](#) [1766250-1](#) [18362](#)
[1892109-1](#) [1-967627-6](#) [2226808-1](#) [2-6450860-5](#) [2-6450860-6](#) [2-6450870-0](#) [93003-0502](#) [953552-1](#) [1-6450161-4](#) [1-6450850-6](#) [1645526-2](#) [1-](#)
[6600130-0](#) [1743419-1](#) [1766150-1](#) [2005243-2](#) [211110-1](#) [2-6600130-2](#) [TE34-12-16P-F0](#) [5-6450830-6](#) [5646956-4](#) [36662-0005](#) [40585-3000](#) [4-](#)
[6450830-9](#) [4-6600333-3](#) [51142-0214](#) [10134048-911LF](#) [10130248-005LF](#)