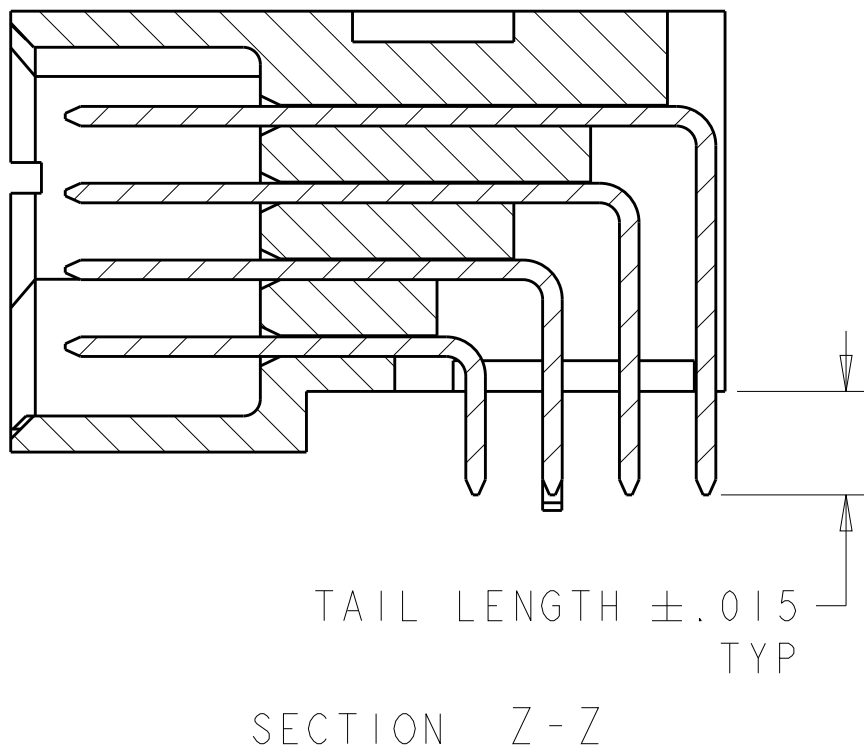
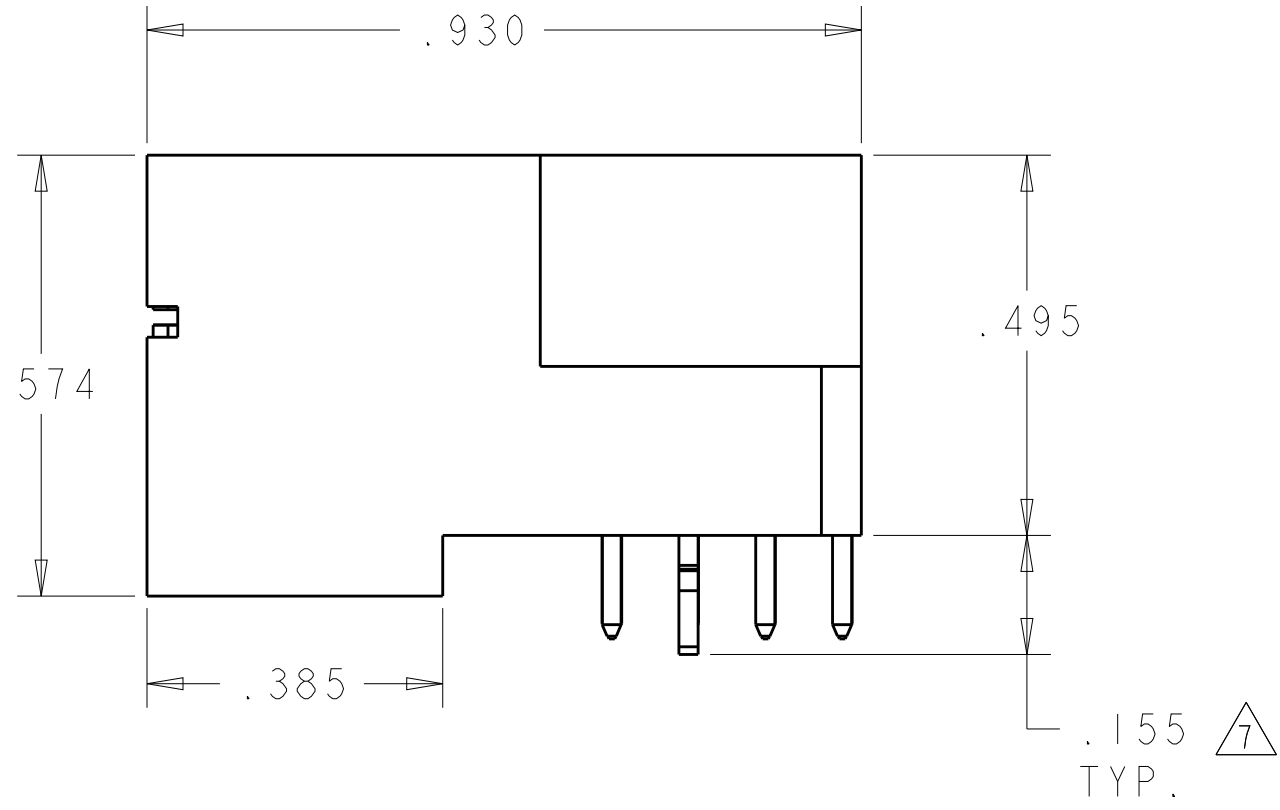
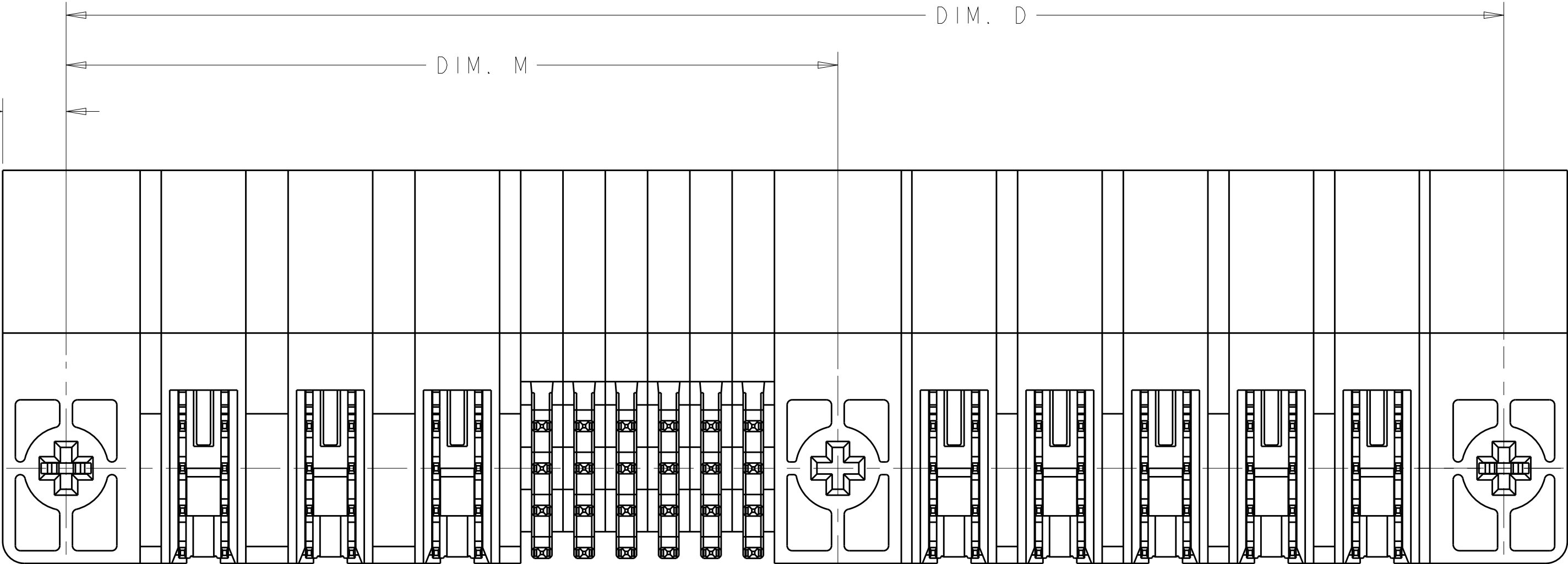
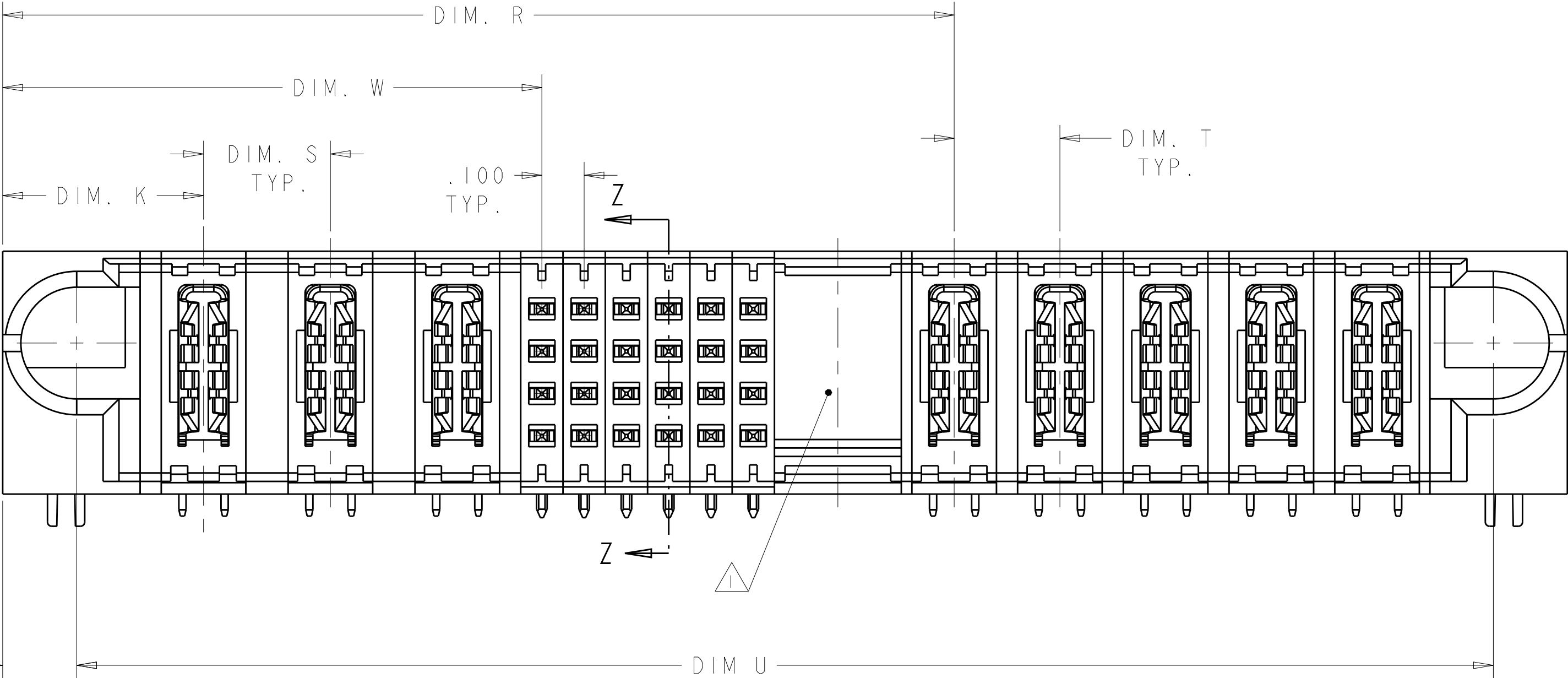
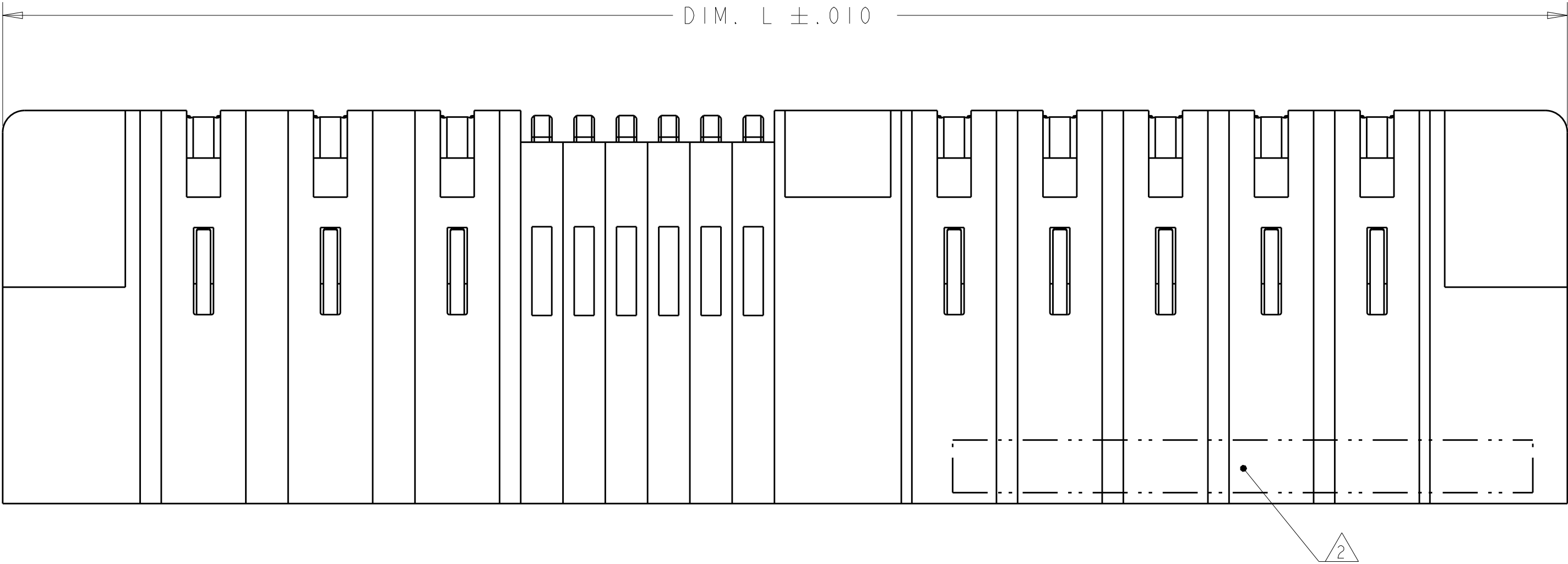


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	L9		REV PER ECR-12-010228	07JUN2012	AY	SZ
		M1		ADD 5-6450130-3	25JULY2012	OL	SZ



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

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

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

L9

PART IS SHEET 27

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

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

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS:
INCHES

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

MATERIAL
-

FINISH
-

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

4FEB2005
4FEB2005
4FEB2005

PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038

WEIGHT
-

Customer Drawing

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

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450130

RESTRICTED TO
-

SCALE
4:1

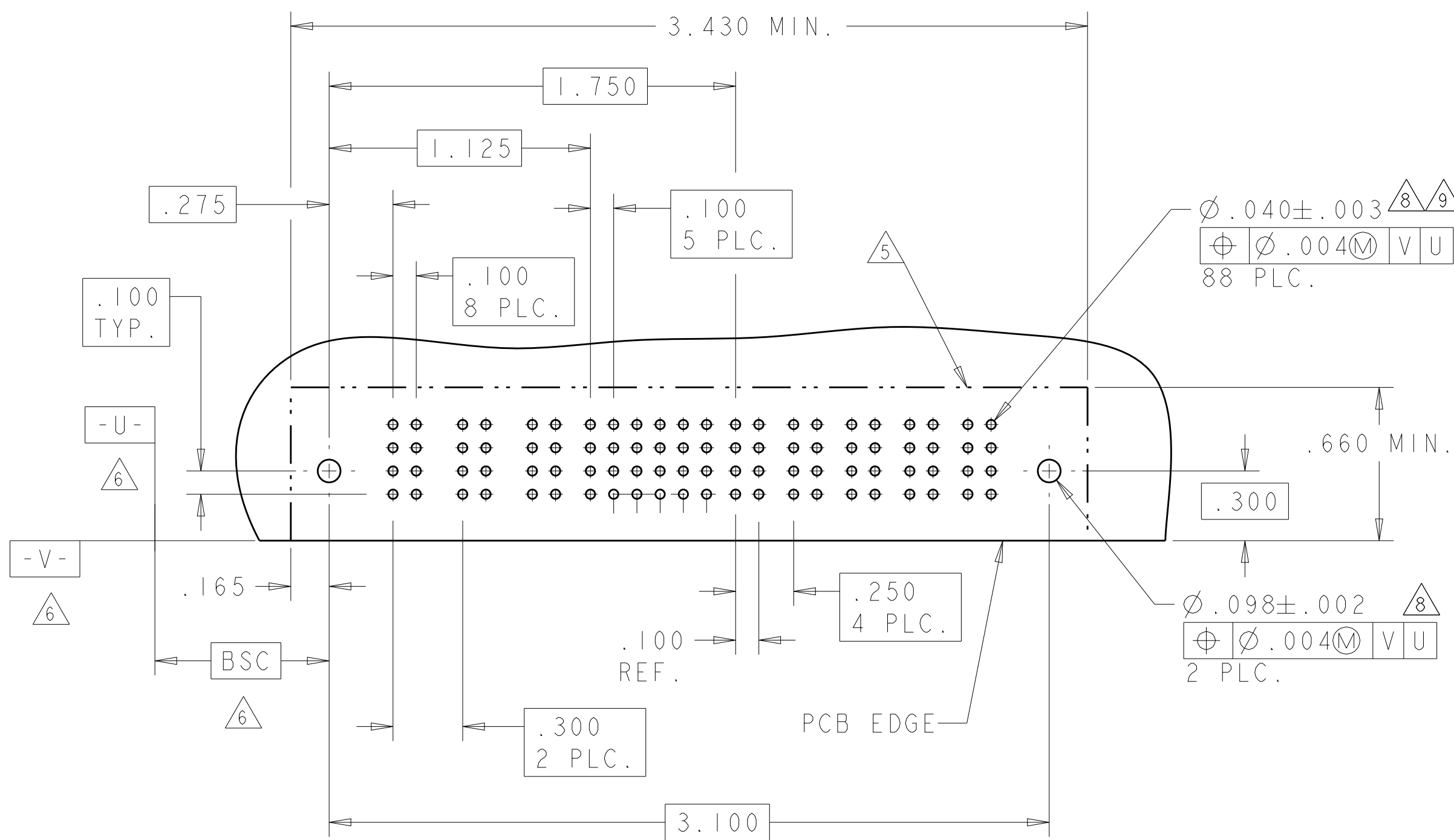
SHEET
2

OF
28

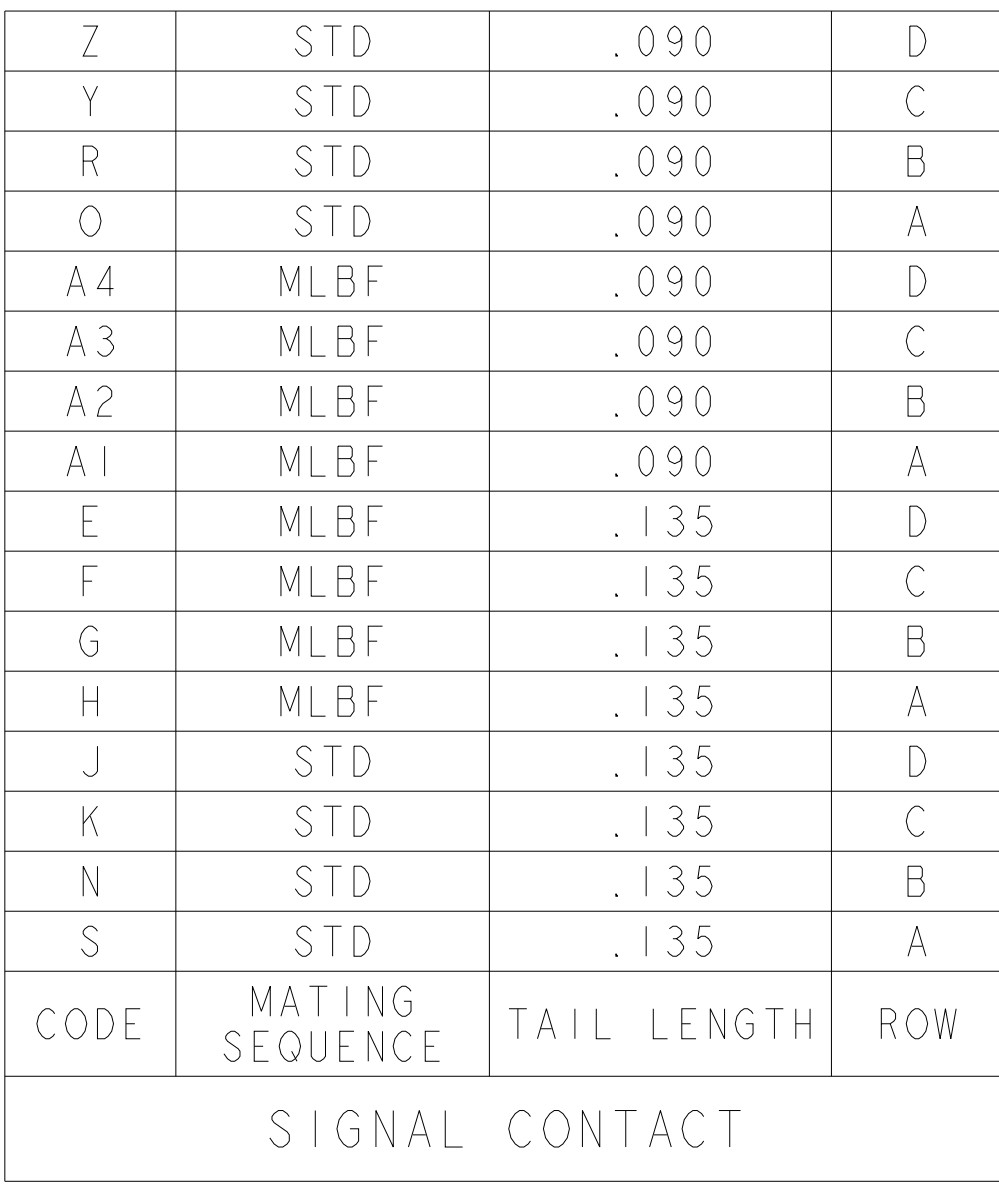
REV
M2

4805 (3/11)

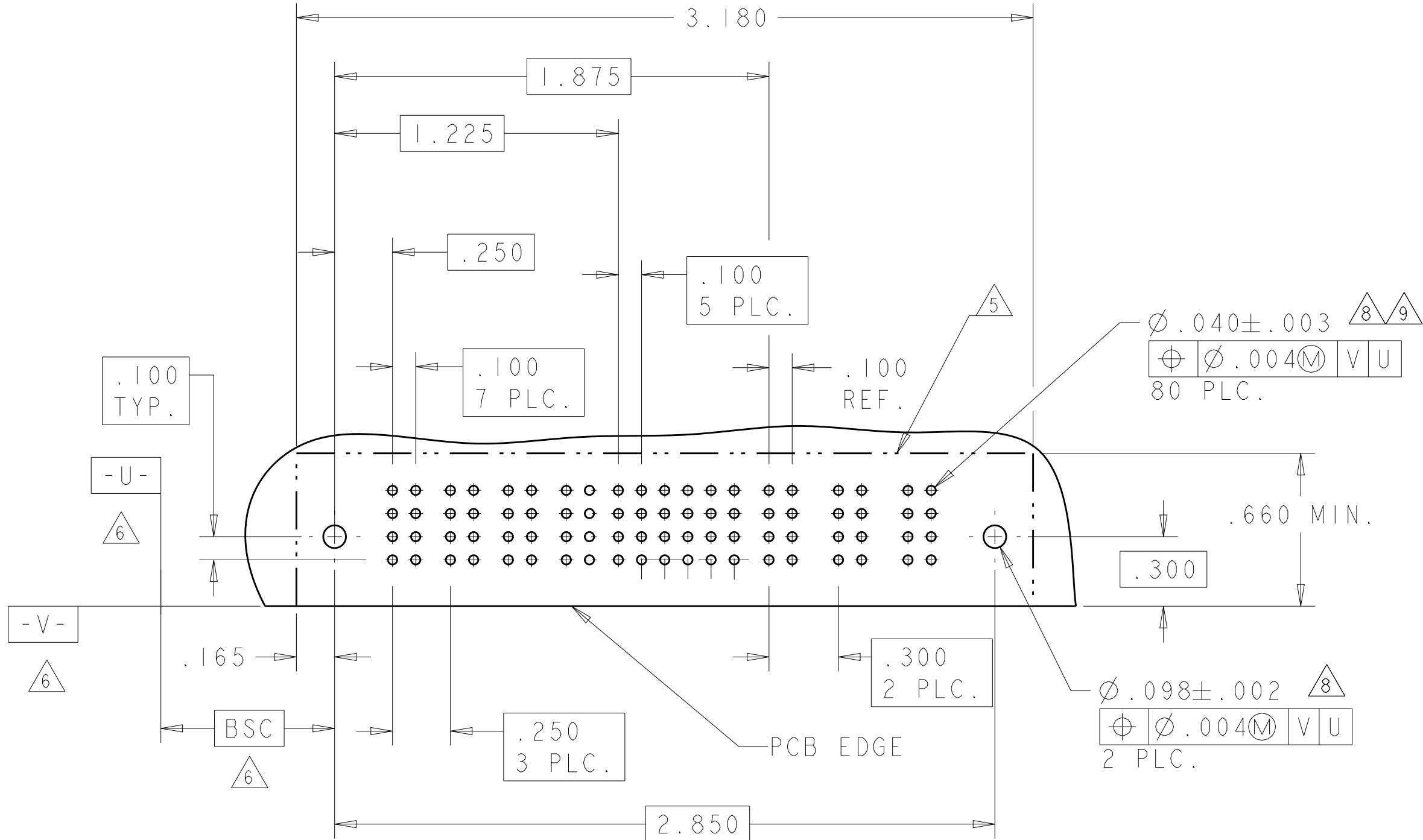
PART NUMBER	ROWS		POWER			SIGNAL						POWER							
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8			
6450130-3	D C B A					J	J	J	J	E	J								
						K	K	F	K	K	K								
						N	N	N	N	N	N								G
						S	S	H	S	S	S								
3ACP + 24S + 5P																			



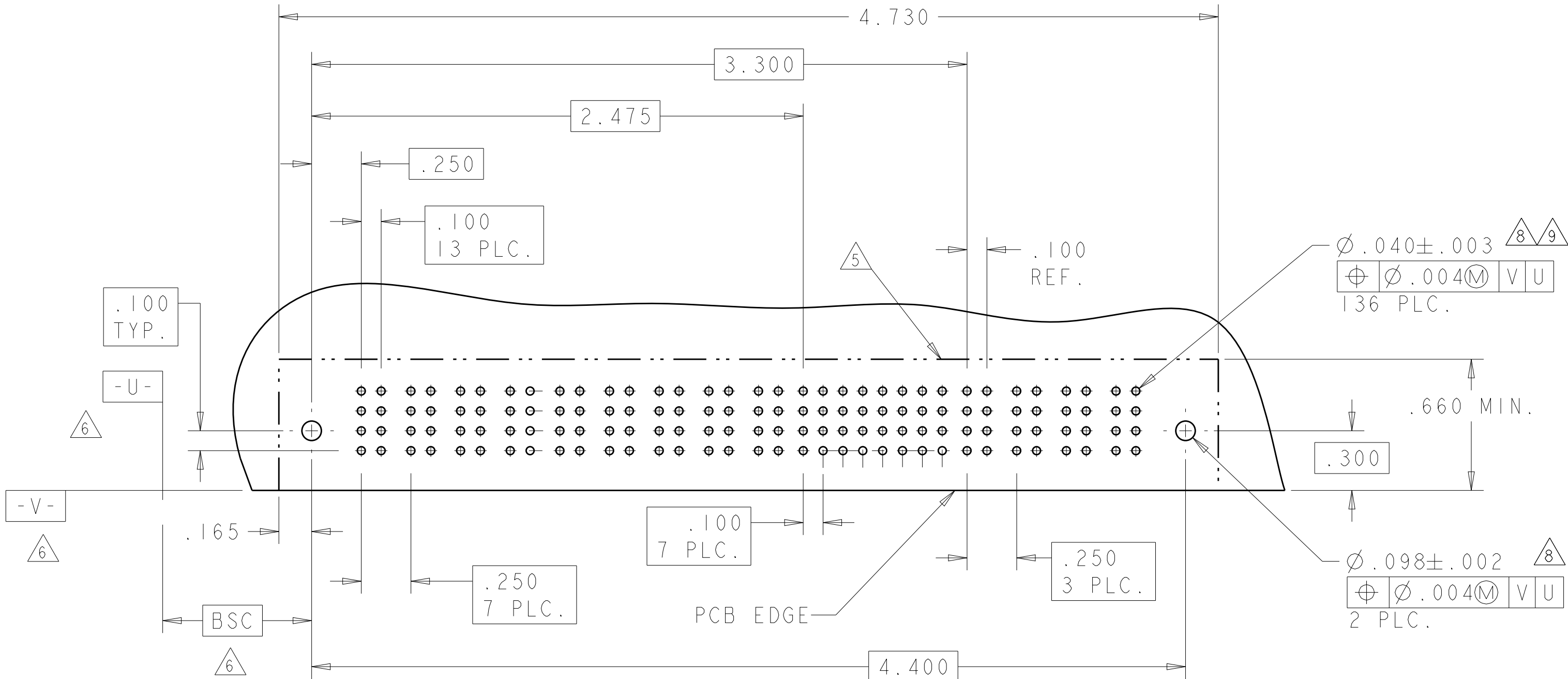
PM	.135	MULTI-BEAM
PA	.090	MULTI-BEAM
CODE	TAIL LENGTH	DESCRIPTION
POWER CONTACT		

4805 (3/11)

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	HD	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																

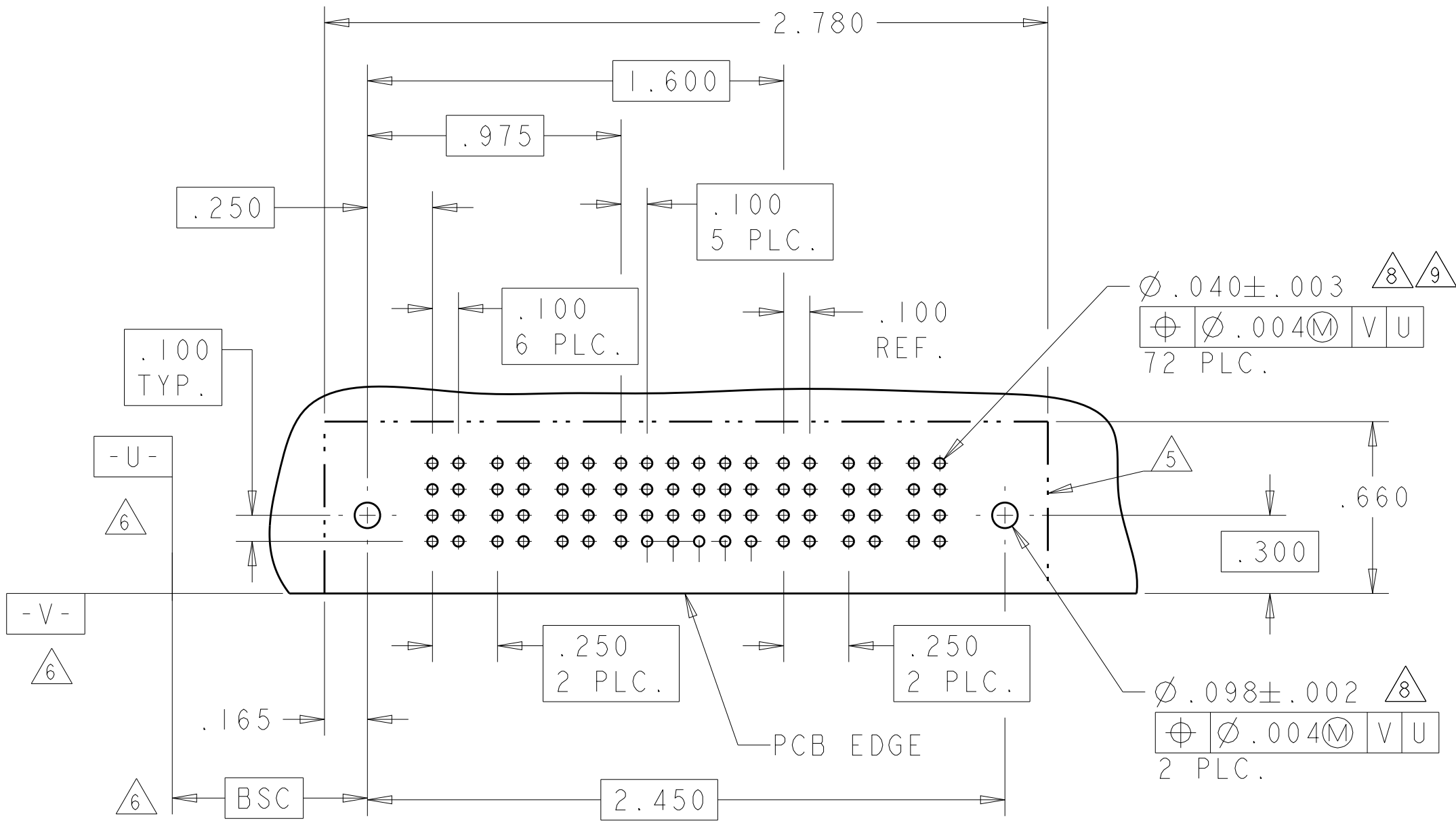


PART NUMBER	ROWS		POWER									SIGNAL								POWER				
			P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	7	8	P10	P11	P12	P13	
6450130-5	D C B A	HD	PM	PM		PM	PM	PM	PM	PM	J	J	J	J	J	E	E	E	PM	PM	PM	PM		
											K	K	K	K	K	K	K	K						
											N	N	N	N	N	N	N	N						
											S	S	S	S	S	S	S	S						
9P + 32S + 4P																								

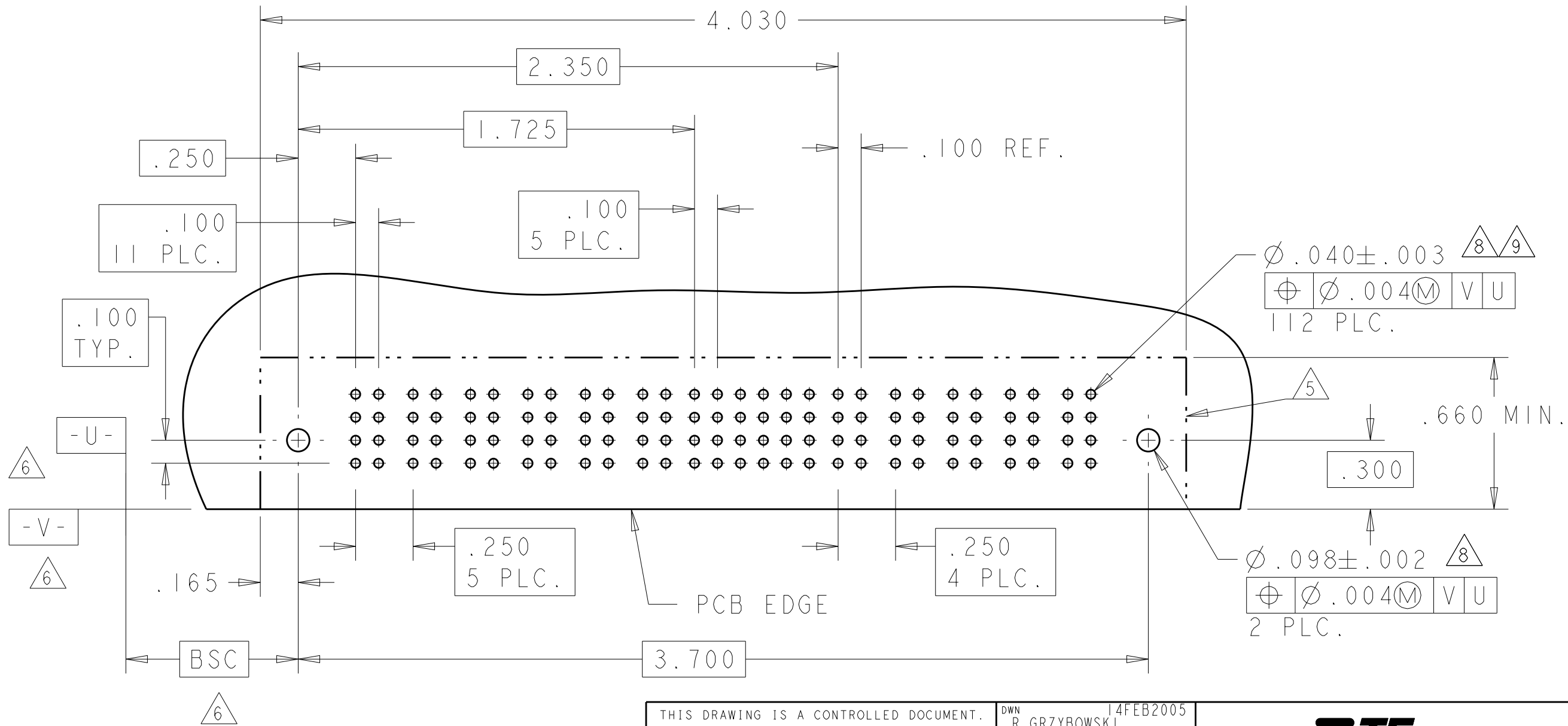


LOC		DIST		REVISIONS					
ES		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
6450130-6	D C B A	HD	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															

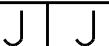


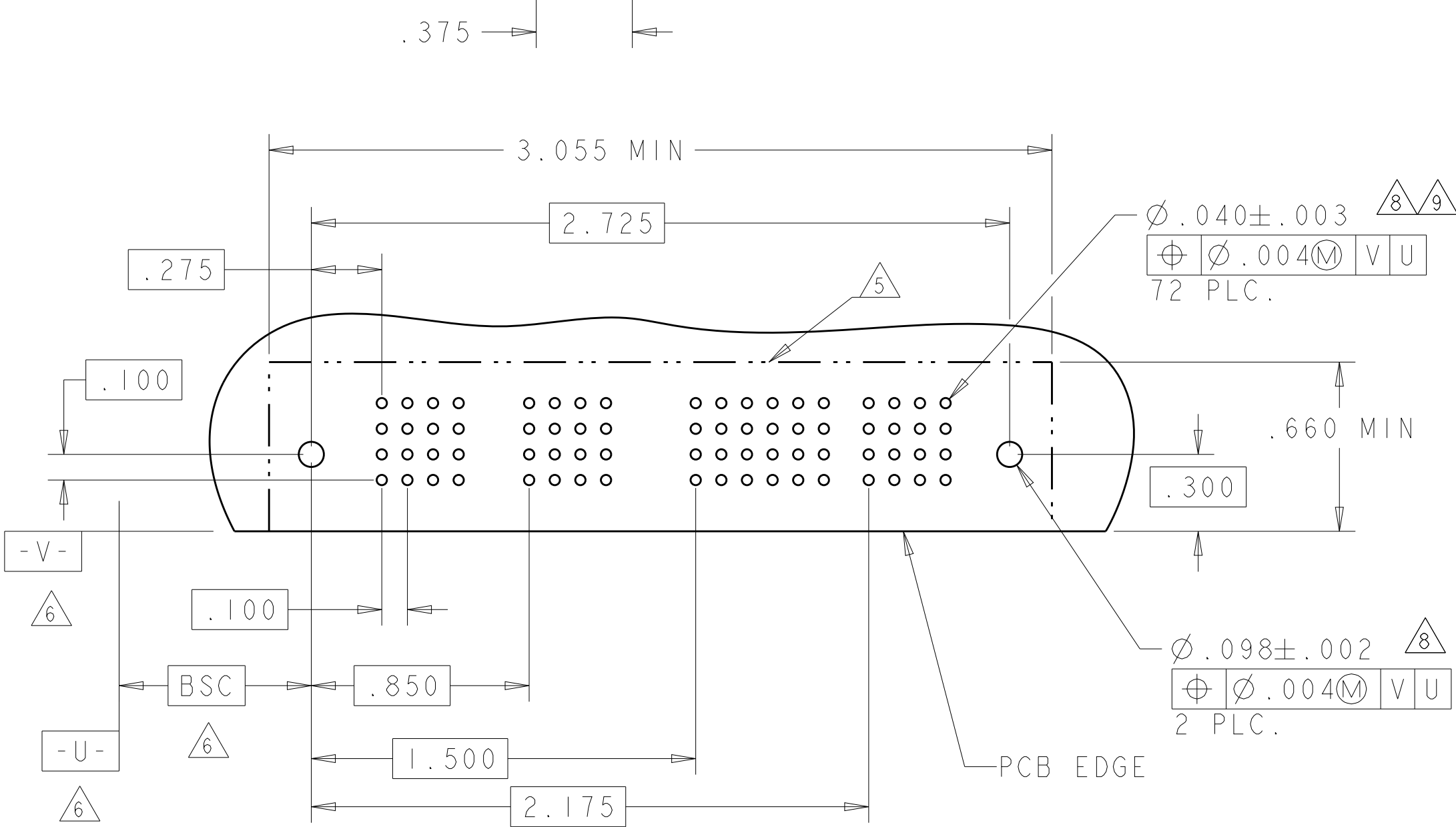
PART NUMBER	ROWS		POWER						SIGNAL						POWER					
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	P11	
6450130-7	D C B A	HD	PM	PM	PM	PM	PM	PM	J	J	J	J	E	J	PM	PM	PM	PM	PM	PM
									K	K	F	K	K	K						
									N	N	N	N	N	G						
									S	S	H	S	S	S						
6P + 24S + 5P																				



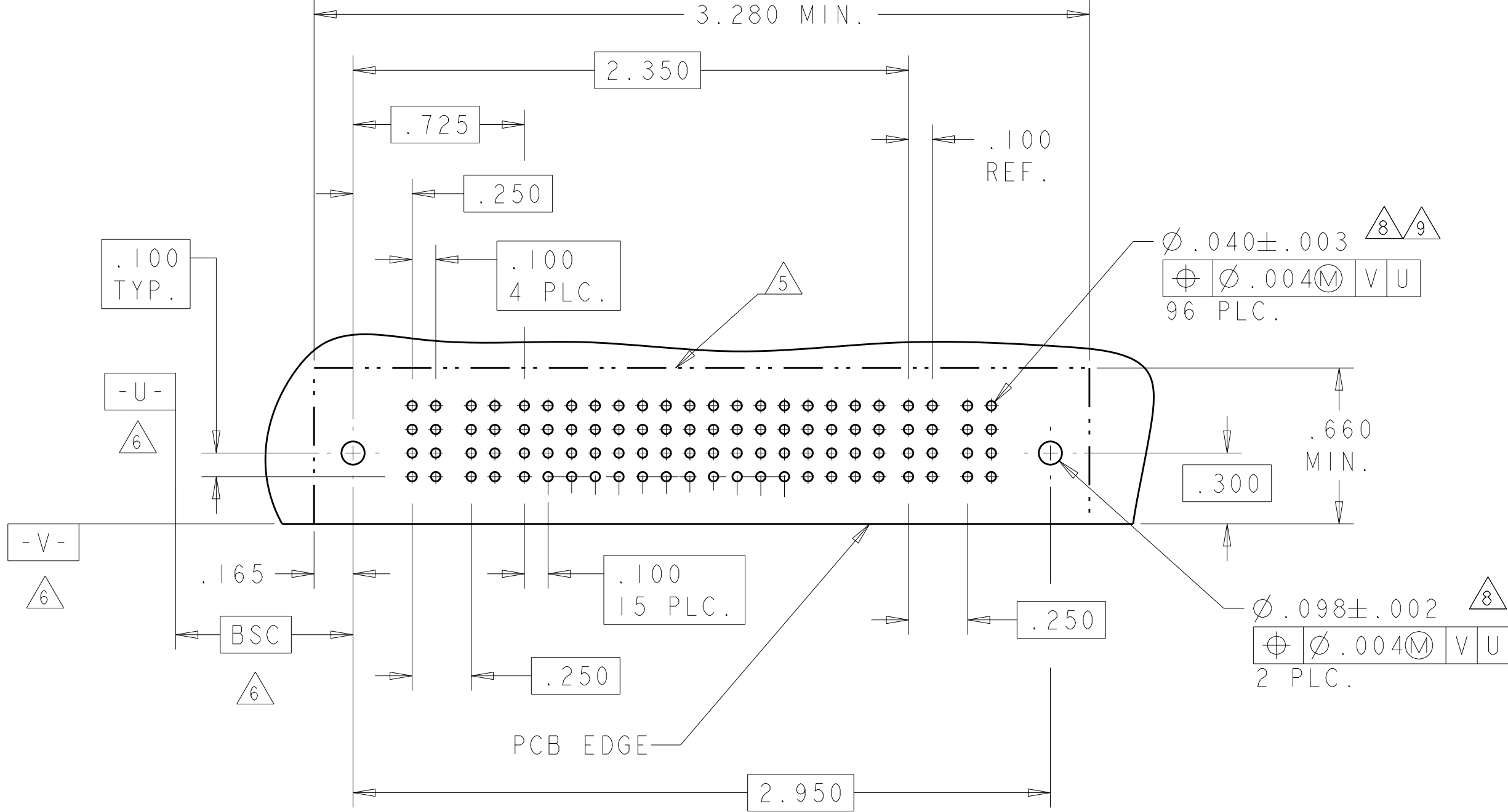
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	4FEB2005	TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE	14FEB2005		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE	14FEB2005	NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
0 PLC ±.01		PRODUCT SPEC		SIZE	
2 PLC ±.01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

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

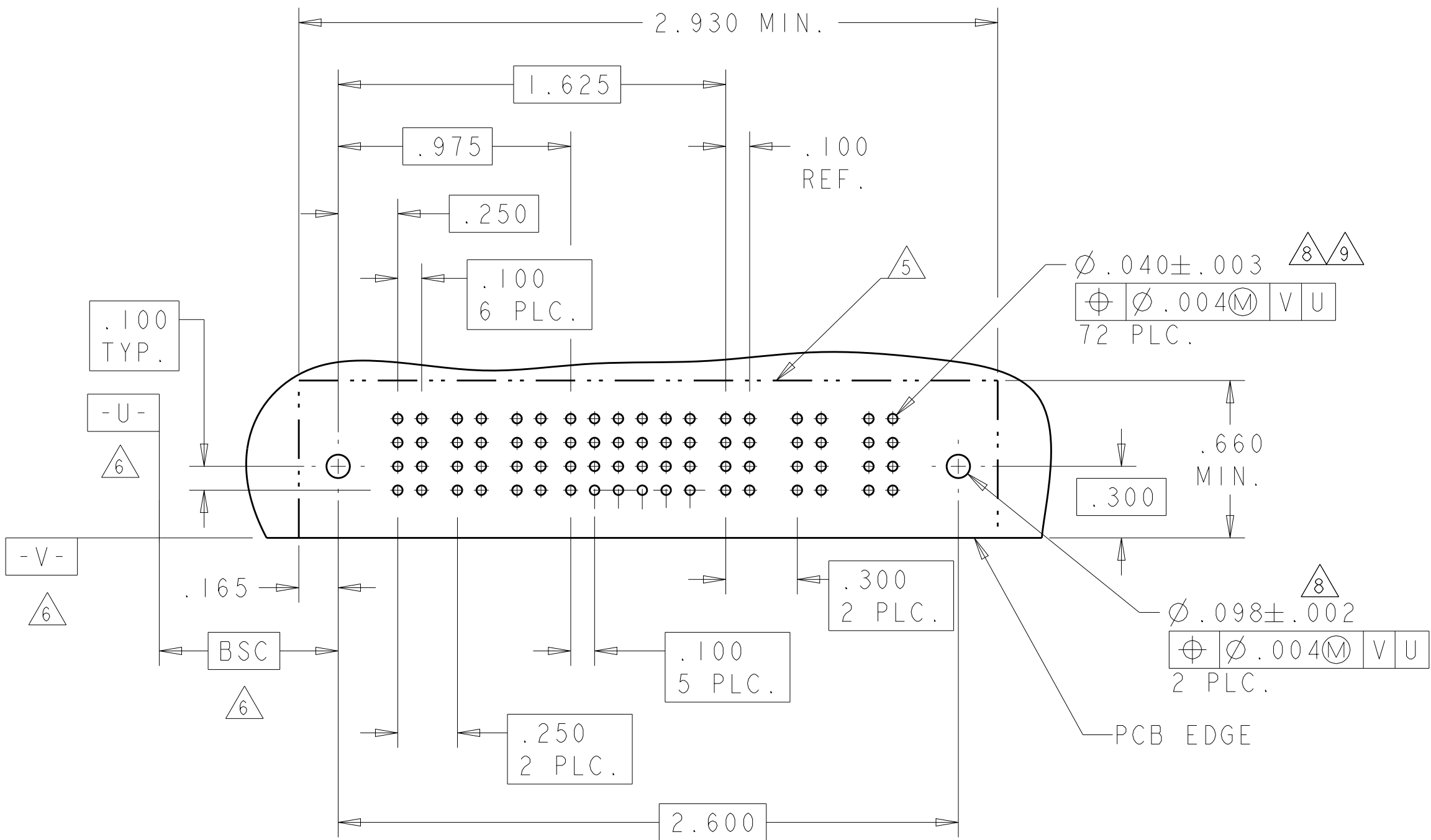
PART NUMBER	ROWS		POWER					SIGNAL						POWER		
			P1	P2	P3	P4	P5	1	2	3	4	5	6	P6	P7	
6450130-8	D C B A						J	J	J	J	J	J				
							K	K	K	K	K	K				
							N	N	N	N	N	G				
							S	S	S	S	S	S				
5P + 24S + 2P																



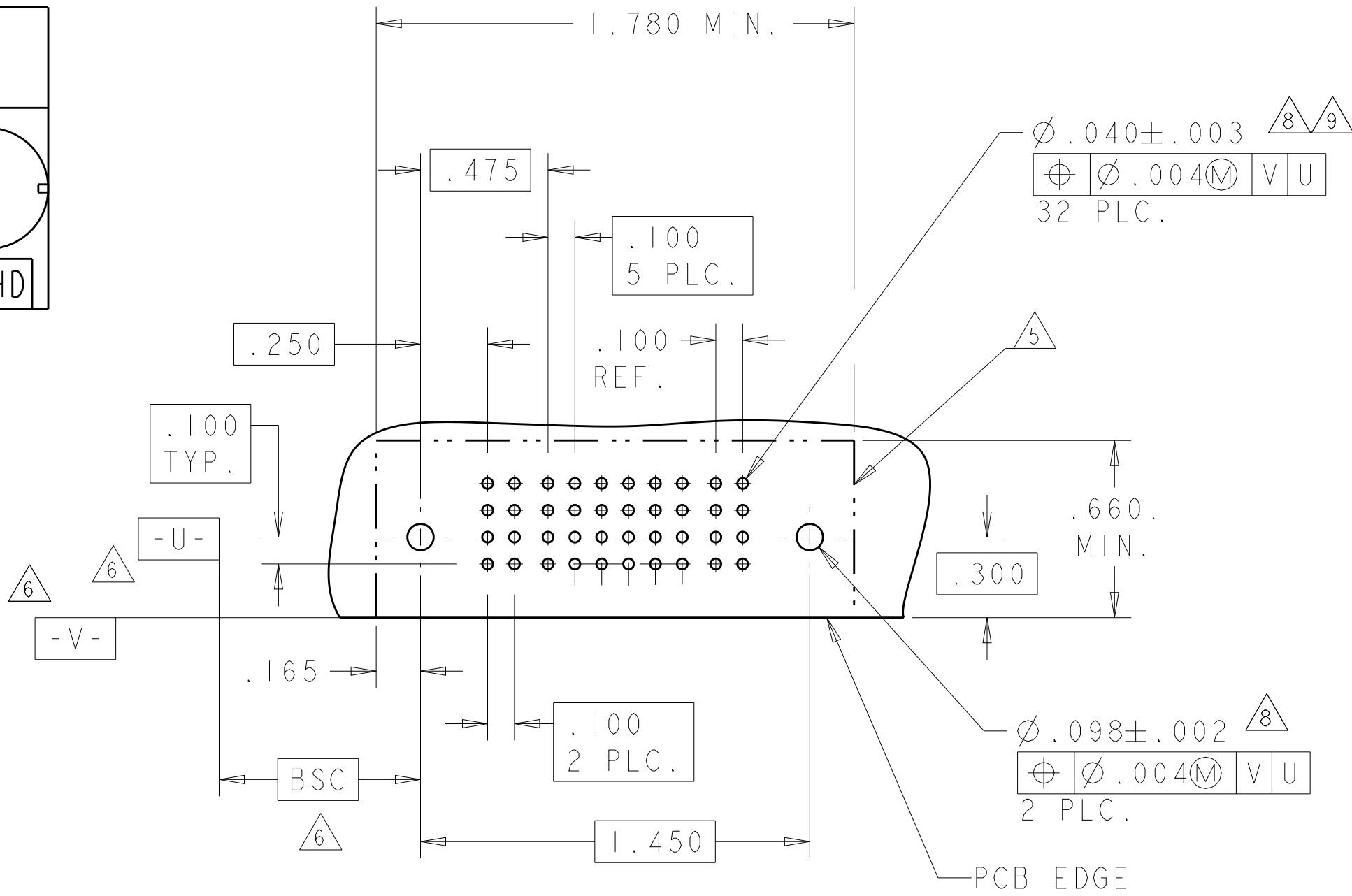
PART NUMBER	ROWS		POWER		SIGNAL																POWER		
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P3	P4	
1-6450130-0	D C B A		PA	PA	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	PA	PA	
					A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3			
					A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2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



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

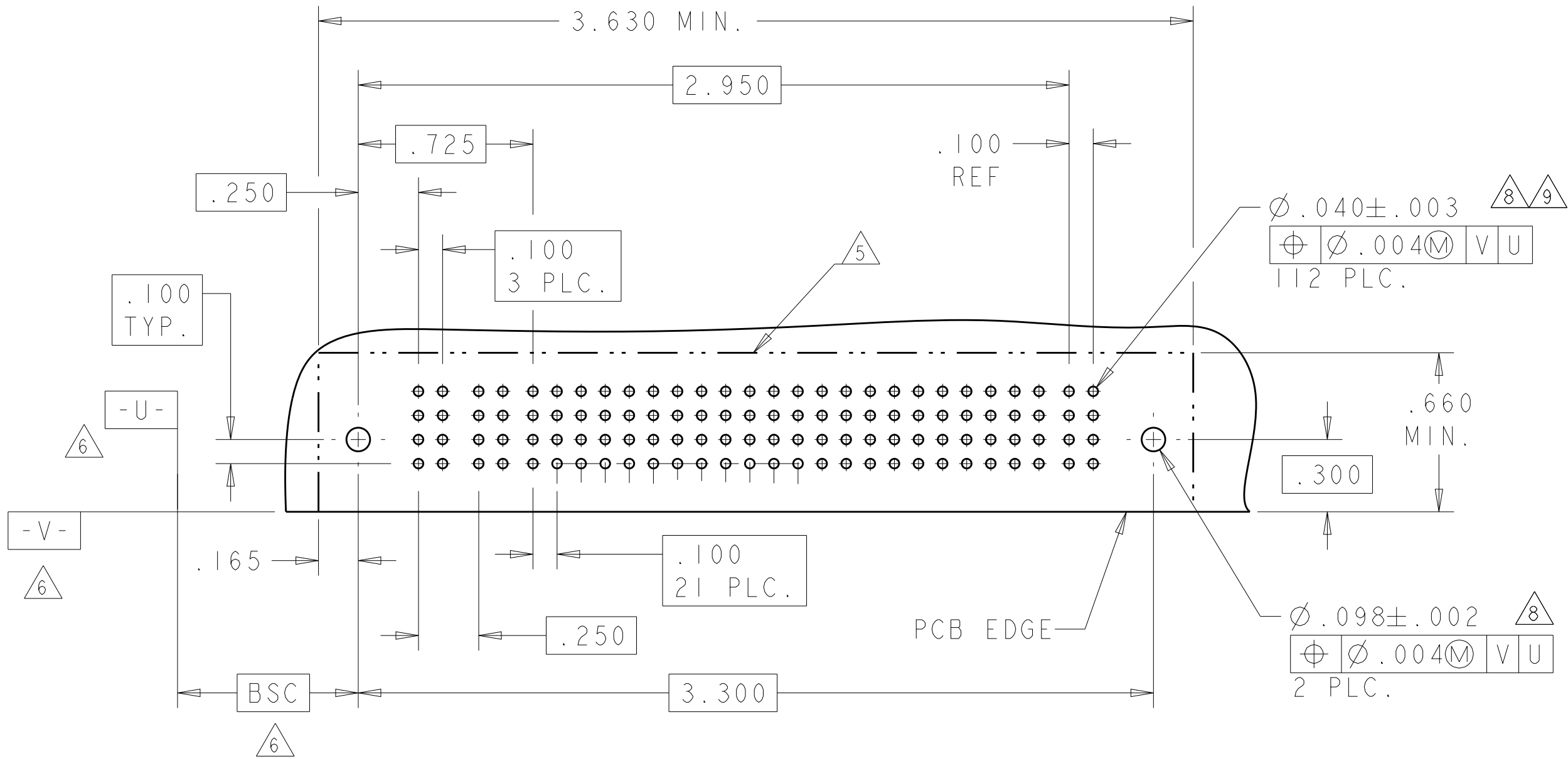


PART NUMBER	ROWS	POWER		SIGNAL						POWER			
		P1		1	2	3	4	5	6	P2			
1-6450130-1	D C B A		PA	A4	A4	A4	A4	A4	A4	A4	PA		
				A3	A3	A3	A3	A3	A3	A3			
				A2	A2	A2	A2	A2	A2	A2			
				A1	A1	A1	A1	O	O	O			
1P + 24S + 1P													

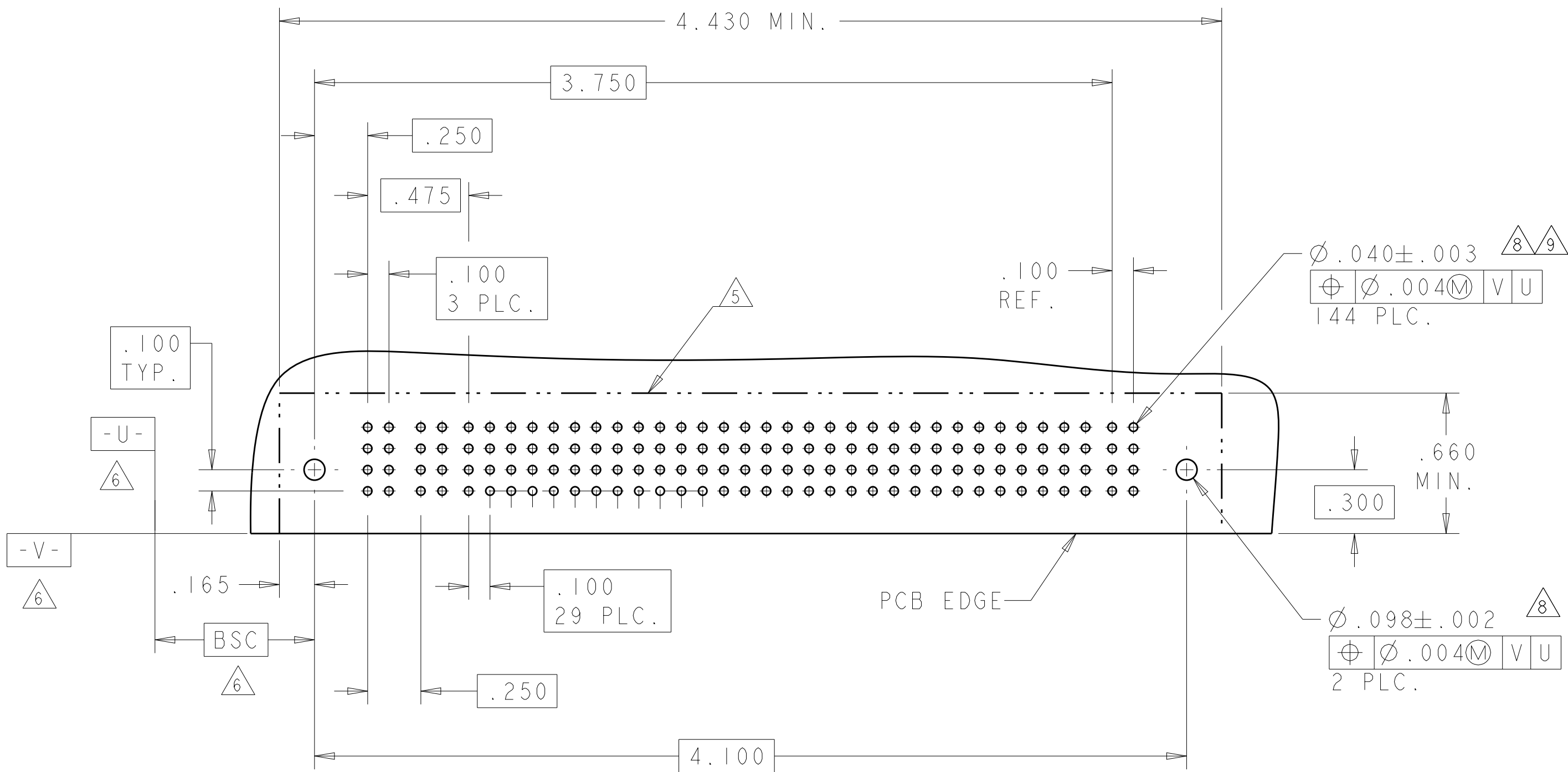


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R. GRZYBOWSKI		4FEB2005		 TE Connectivity		
DIMENSIONS: INCHES		CHK M. PERCHERKE		14FEB2005				
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE		14FEB2005		NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
	0 PLC ±.01		PRODUCT SPEC		108-1973		SIZE	
	2 PLC ±.01		APPLICATION SPEC		114-13038		CAGE CODE	
	3 PLC ±.005		WEIGHT		A		DRAWING NO	
	4 PLC ±.0020		Customer Drawing		SCALE 4:1		SHEET 5 OF 28	
	ANGLES ±.7°						REV M2	
MATERIAL		FINISH						

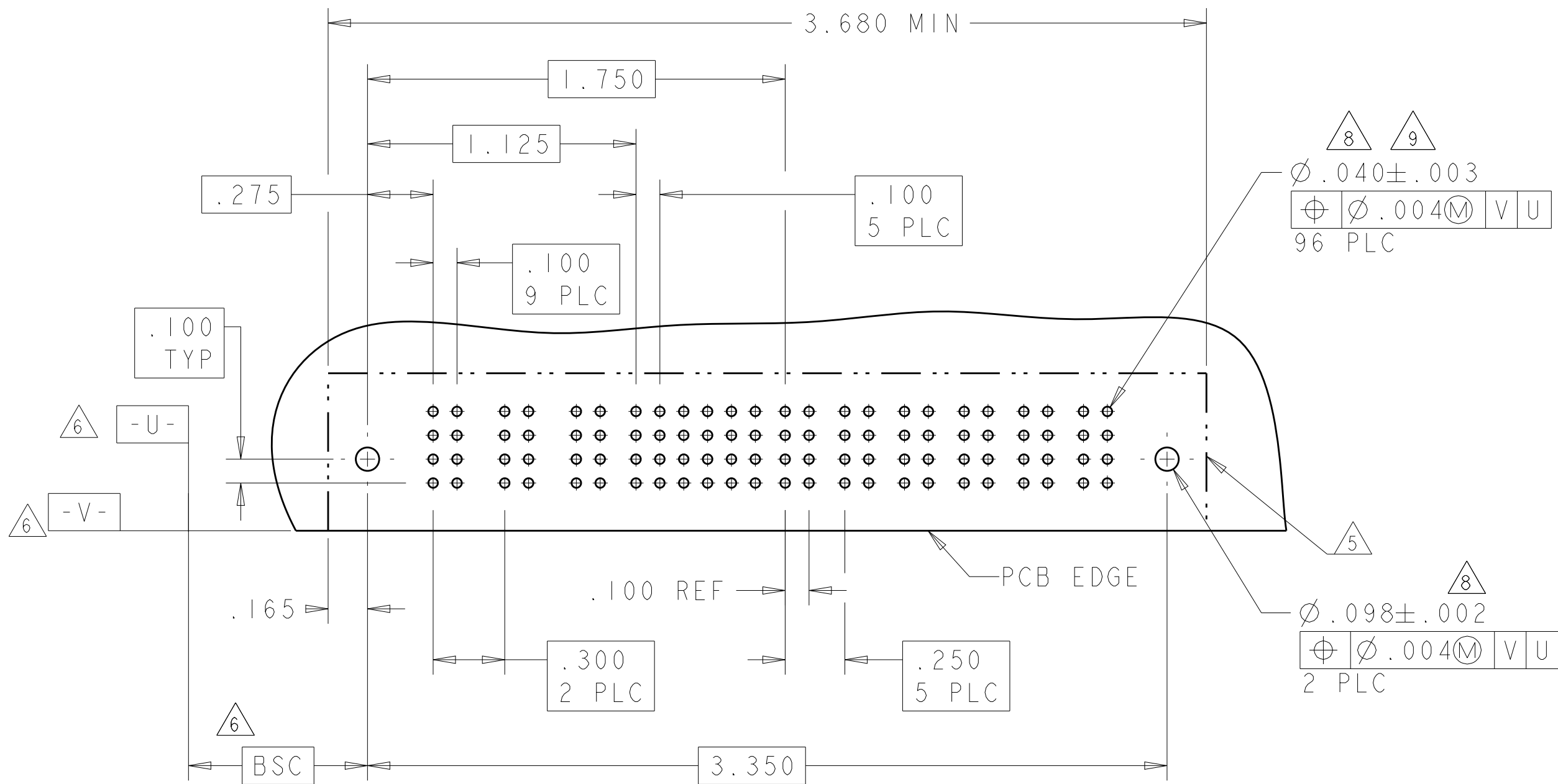
PART NUMBER	ROWS		POWER		SIGNAL																						POWER																																																																																																																																																																																																																																																		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



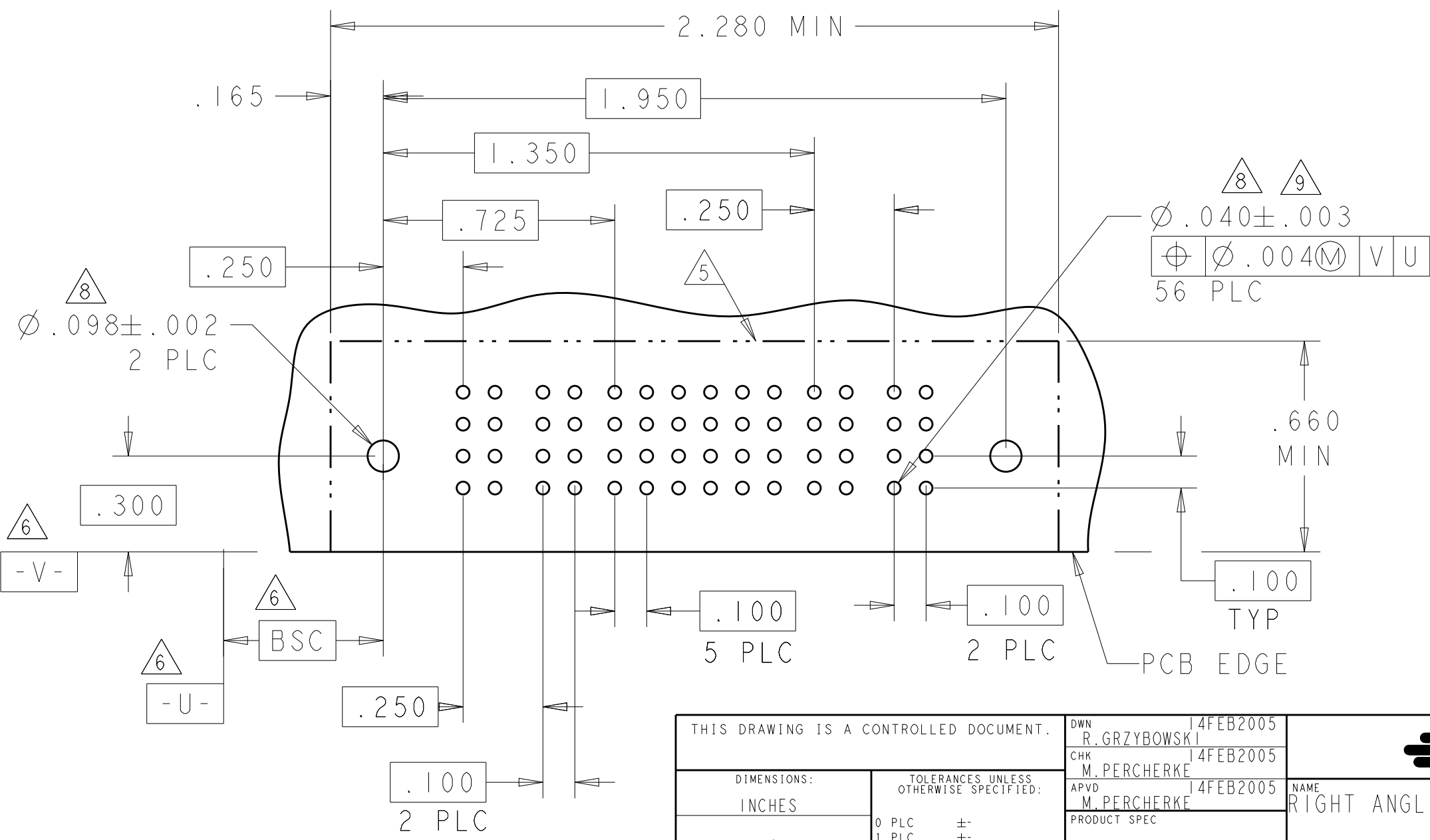
PART NUMBER	ROWS		POWER		SIGNAL																														POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	P3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1-6450130-3	D C B A		PA	PA	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	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	PA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2		A2	PA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					O	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1		O	PA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
2P + 120S + 1P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

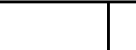


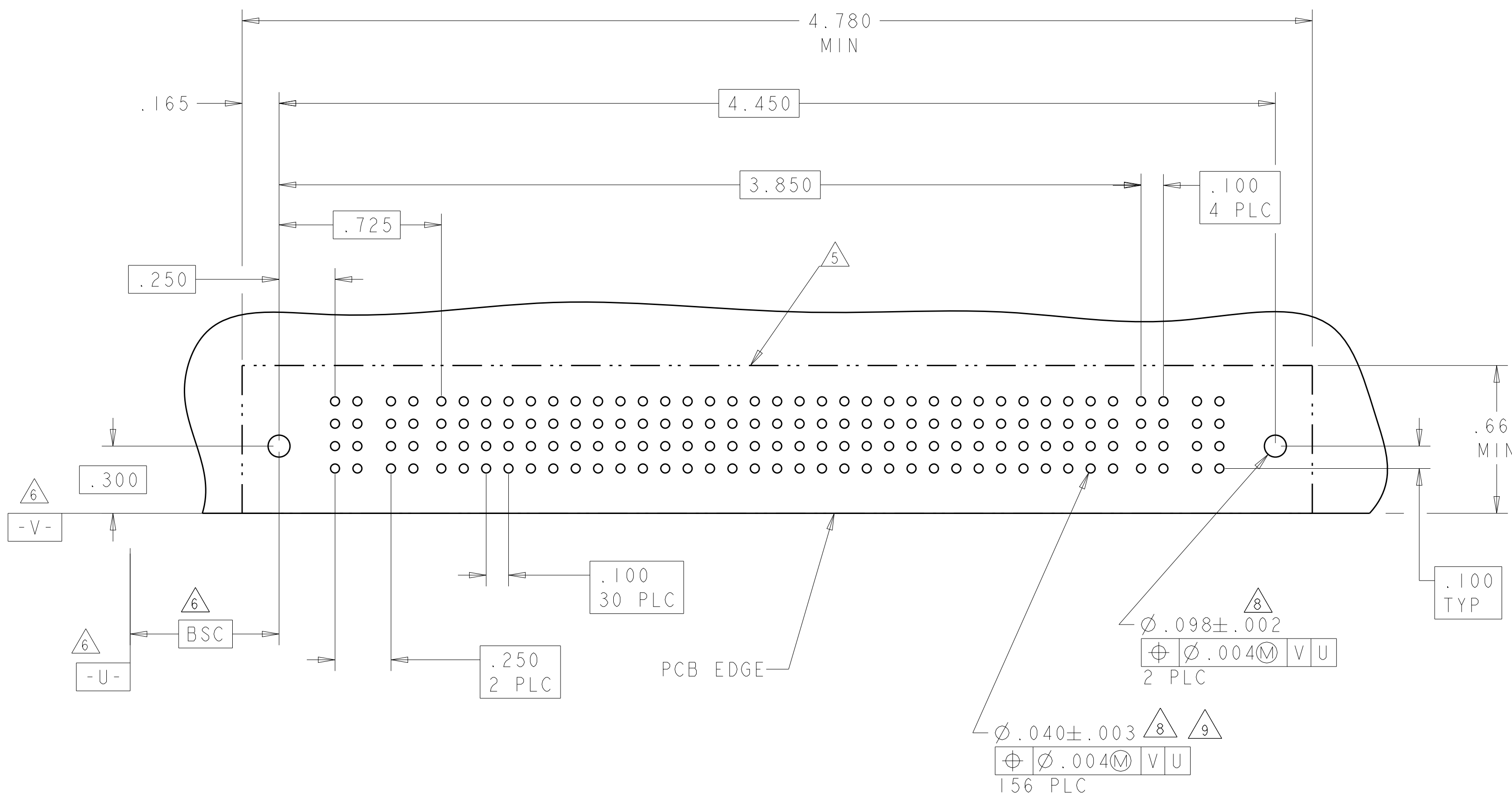
PART NUMBER	ROWS		POWER			SIGNAL						POWER						
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	P9	
1-6450130-4	D C B A		PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	
						K	K	K	K	K	K							
						N	N	N	N	N	N							
						H	S	S	S	S	S							
3ACP + 24S + 6P																	HD	



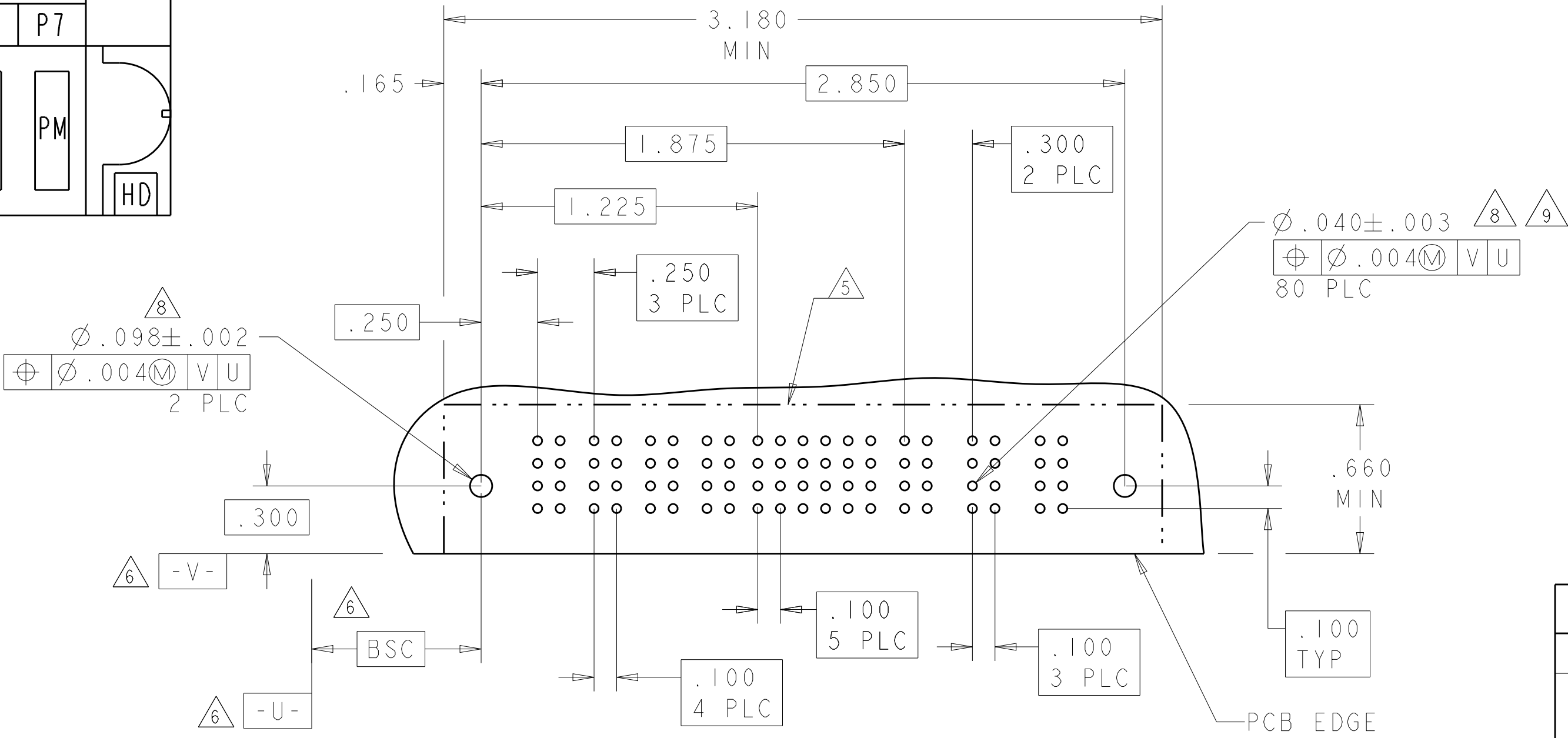
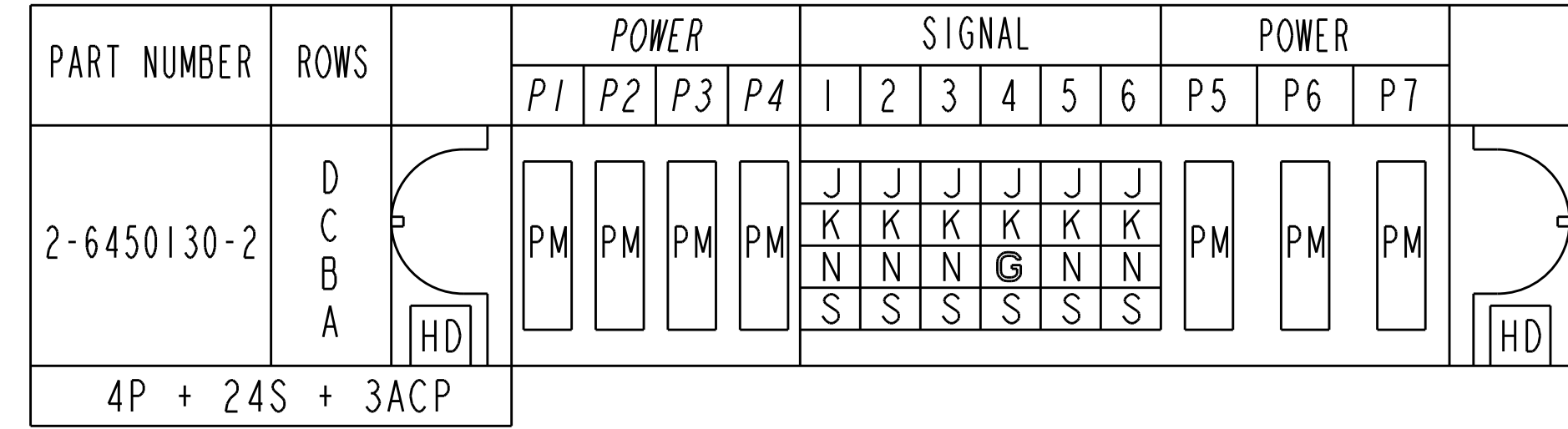
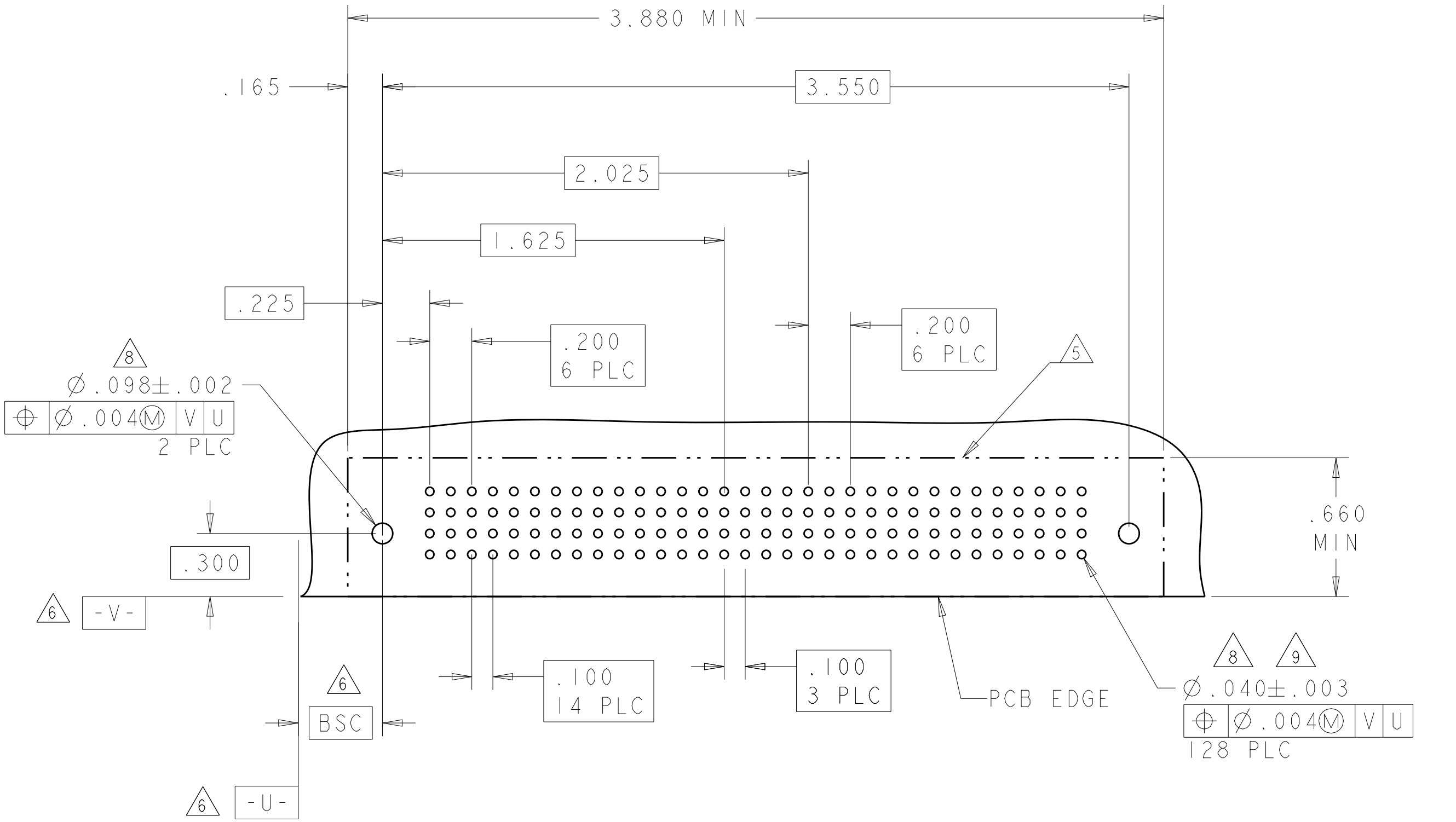
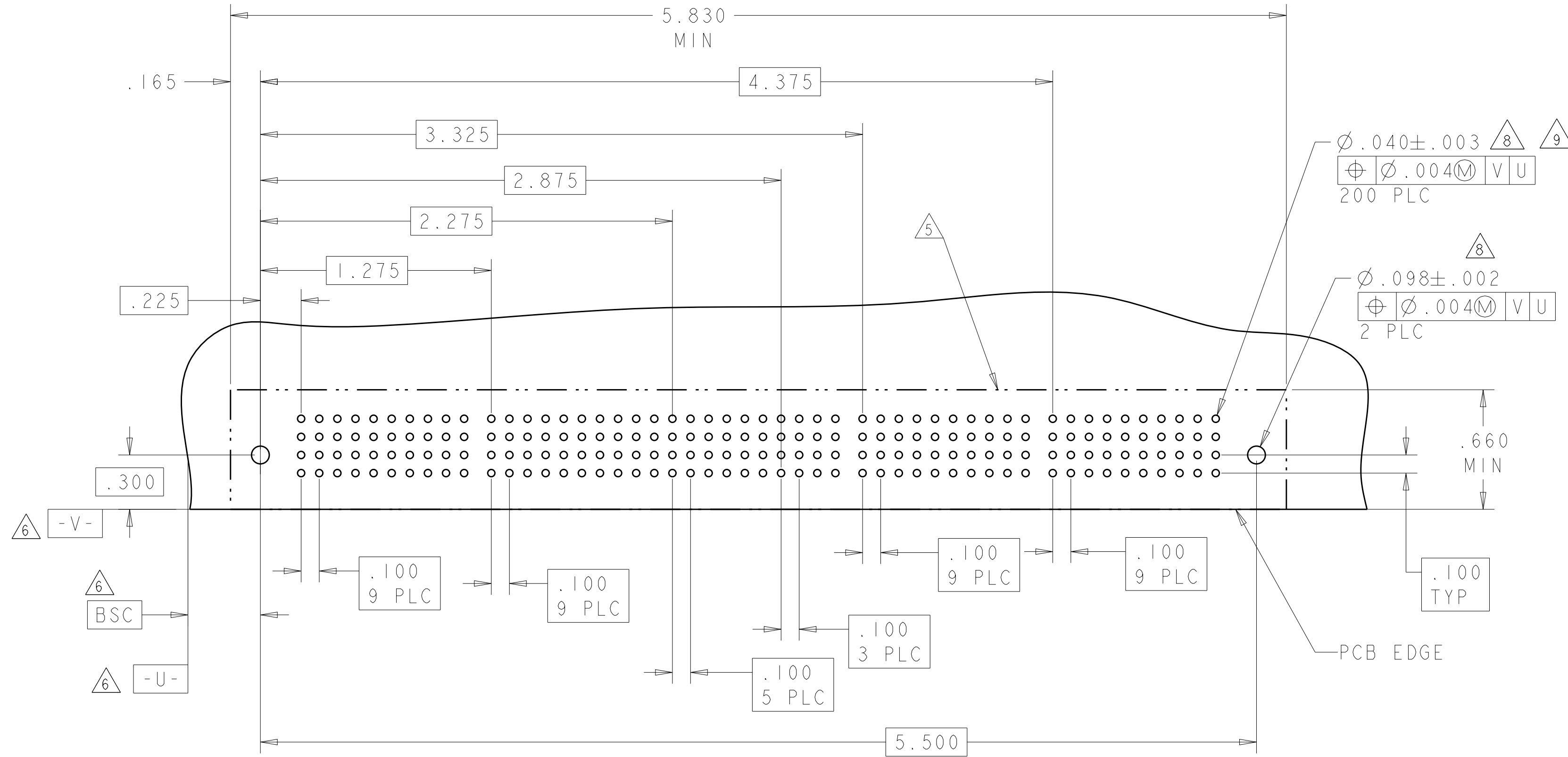
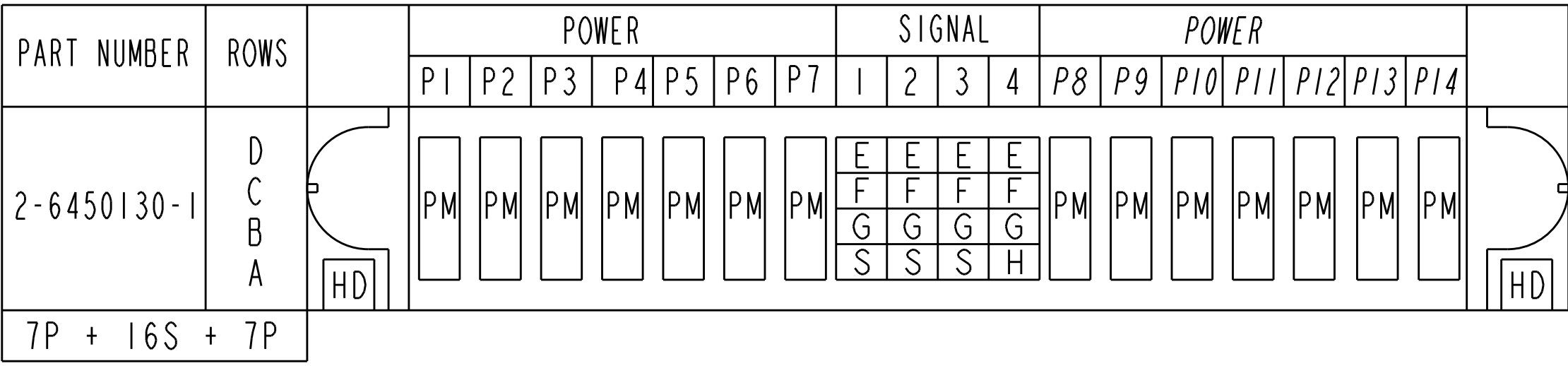
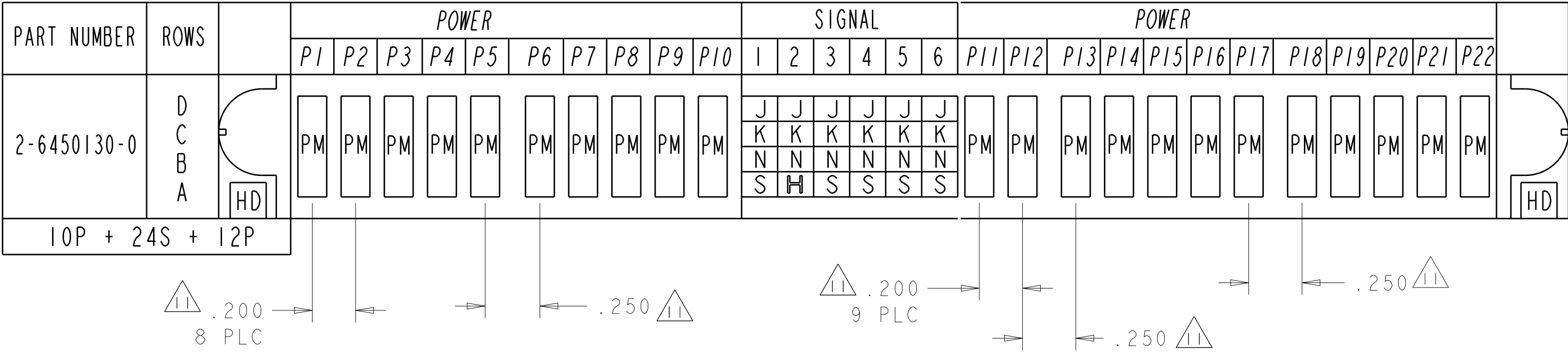
PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
1-6450130-7	D C B A		PM	PM	E	J	J	J	J	E	PM	PM	
					K	K	K	K	K	K			
					N	N	N	N	N	N			
					S	S	S	S	S	S			
2P + 24S + 2P													HD



PART NUMBER	ROWS		POWER		SIGNAL																															POWER						
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	P3	P4					
1-6450130-9	D C B A		PA	PA	Z	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	Z	PA	PA					
					Y	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3				A3	Y		
					R	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2				A2	A2	R	A2
					A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1				A1	A1	A1	
2P + 124S + 2P																																										

4805 (3/11)

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: R.GRZYBOWSKI 14FEB2005

CHK: M.PERCHEKKE 14FEB2005

APVD: M.PERCHEKKE 14FEB2005

DIMENSIONS: INCHES

0 PLC ±.01

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.002

ANGLES ±.2°

TOLERANCES UNLESS OTHERWISE SPECIFIED:

FINISH

MATERIAL

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

Customer Drawing

SCALE 4:1

SIZE

A1

CAGE CODE

00779

DRAWING NO

6450130

RESTRICTED TO

REV

M2

DATE

14FEB2005

NAME

RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL

TE Connectivity

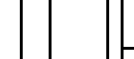
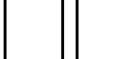
TE

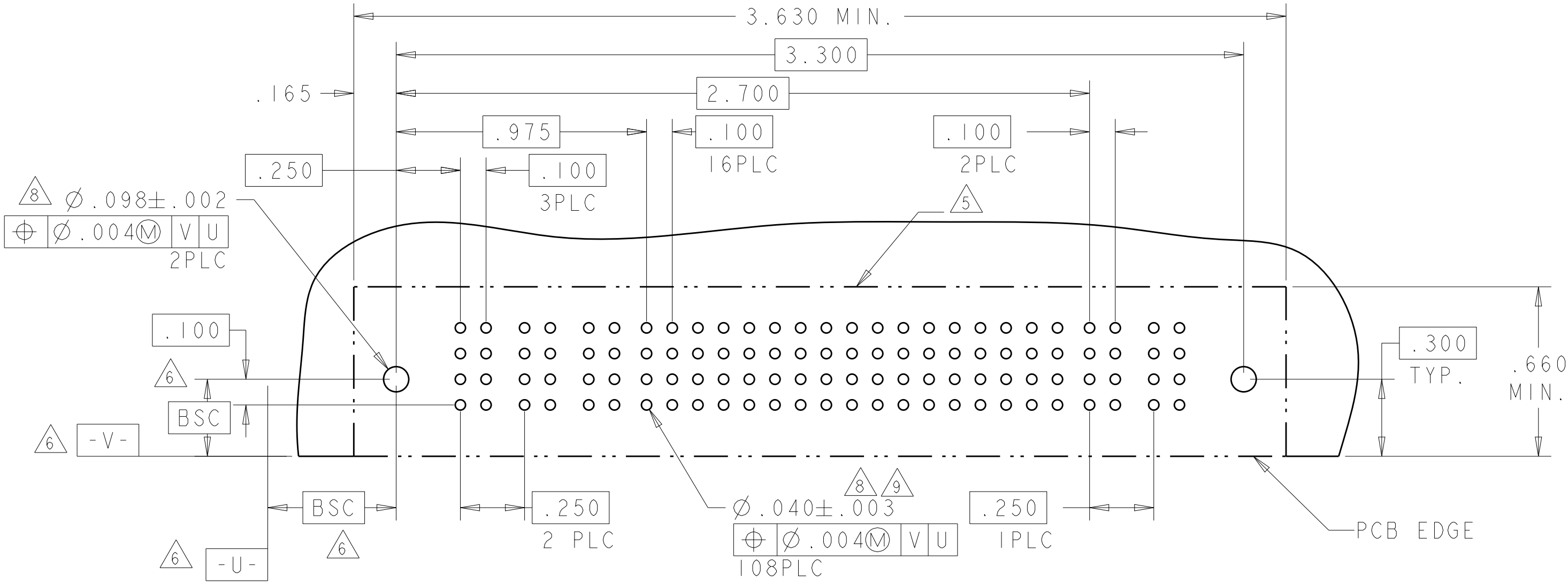
4805 (3/11)

8

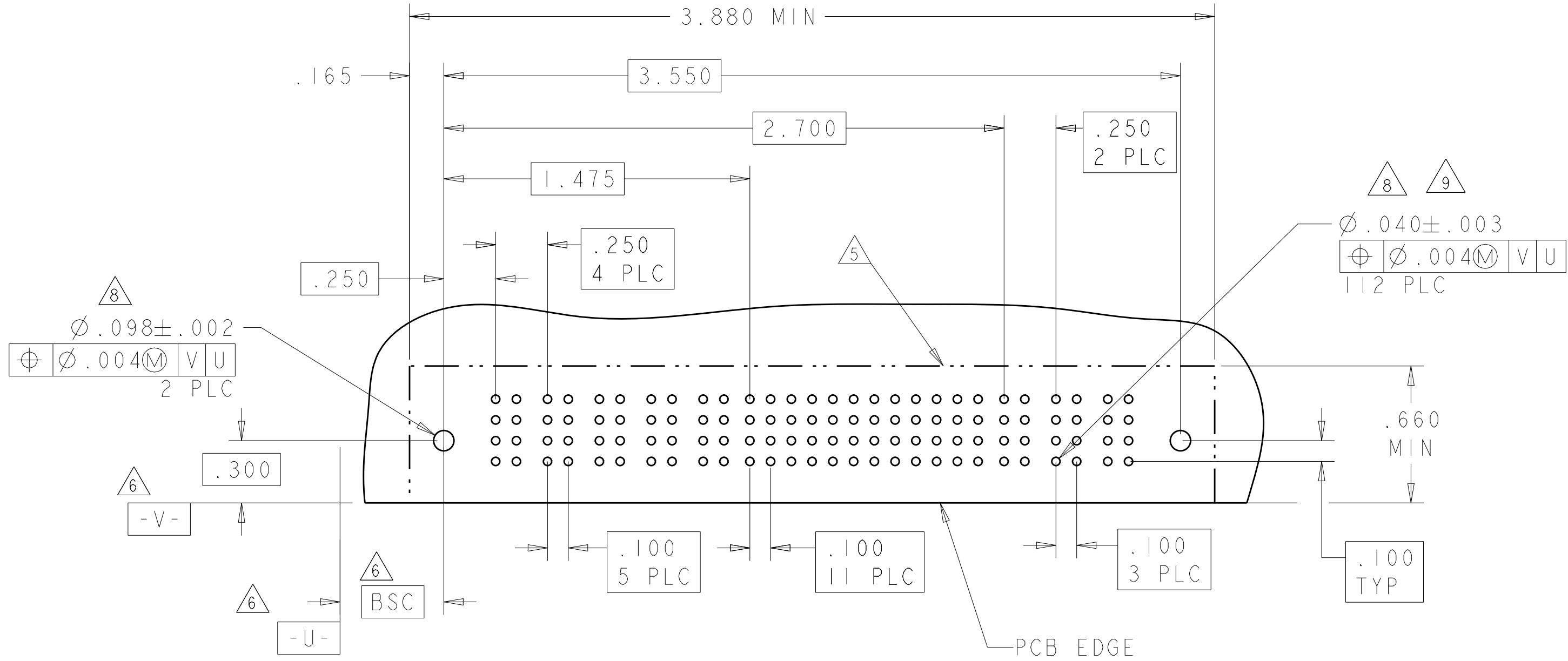
28

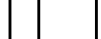
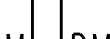
LOC		DIST		REVISIONS				
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		-		SEE SHEET 1	-	-	-	

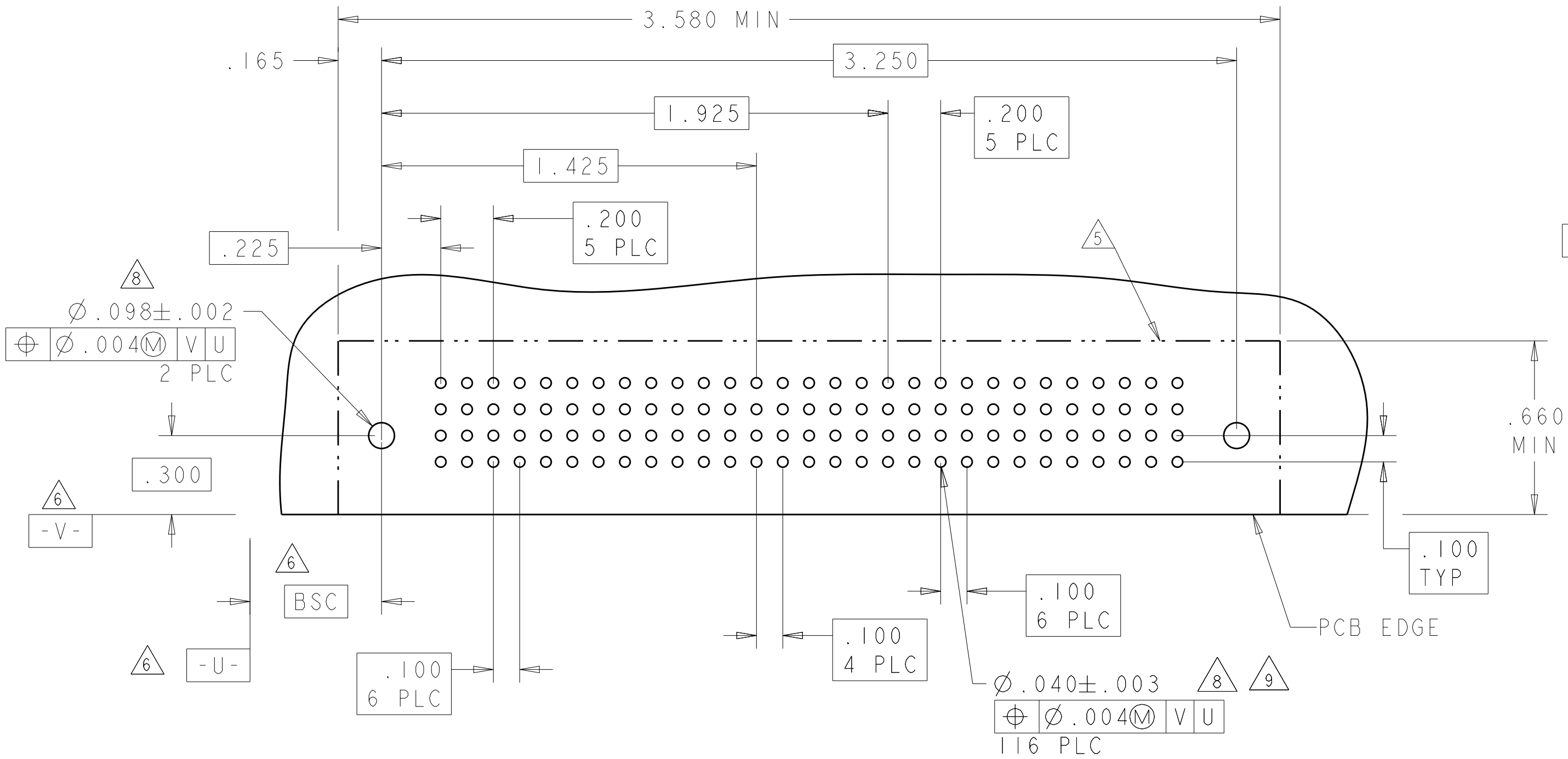
PART NUMBER	ROWS		POWER			SIGNAL																	POWER				
			P1	P2	P3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	P4	P5			
2-6450130-8	D C B A				J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J					
					K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K				K	
					N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				N	N
					S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S				S	S
3P + 68S + 2P																											



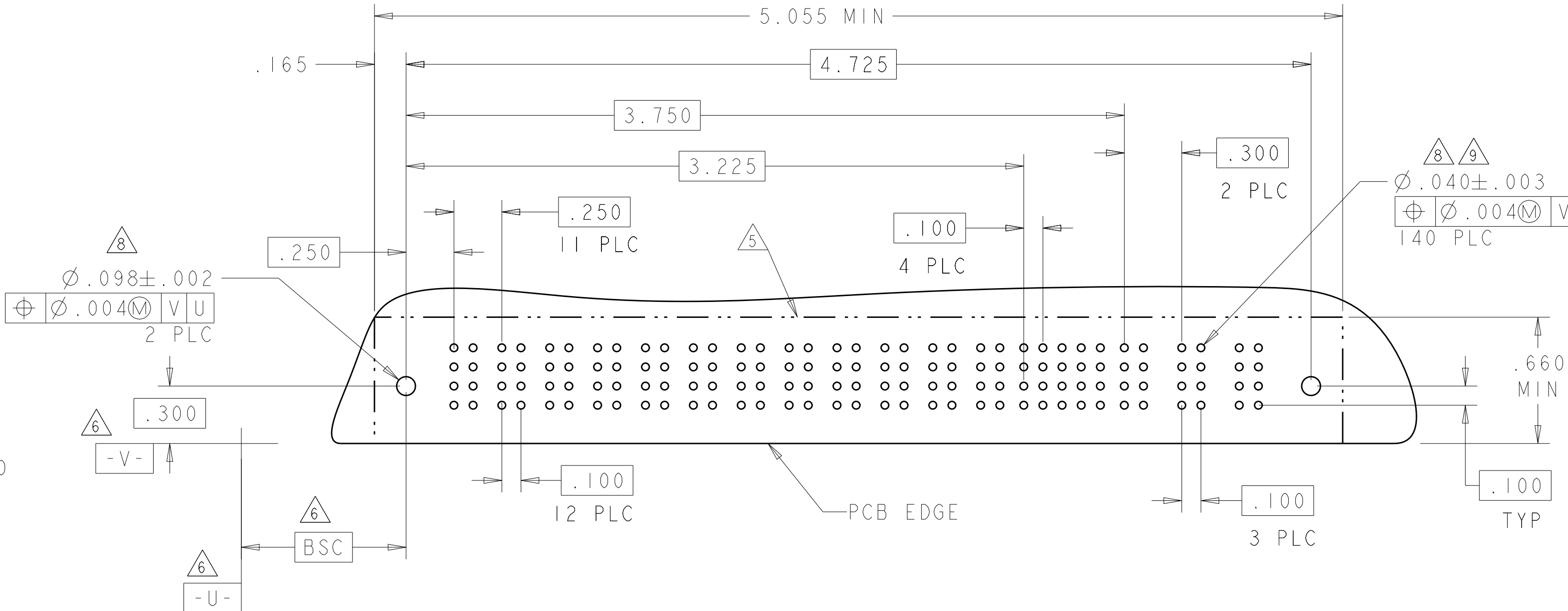
PART NUMBER	ROWS		POWER					SIGNAL												POWER						
			P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	9	10	11	12	P6	P7	P8				
3-6450130-2	D C B A			PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	PM			
									K	K	K	K	K	K	K	K	K	K	K	K					K	K
									N	N	N	N	N	N	N	N	N	N	N	N					N	N
								H	S	S	S	S	S	S	S	S	S	S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



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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	4FEB2005 4FEB2005 4FEB2005	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.002		PRODUCT SPEC	
MATERIAL		FINISH		APPLICATION SPEC	
				114-13038	
				WEIGHT	
				A100779C=6450130	
				Customer Drawing	
				RESTRICTED TO	
				SCALE 4:1	
				SHEET 9 OF 28	
				REV M2	

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

Top view drawing of the PCB showing dimensions and component locations. The drawing includes a grid of 36 pins (8x9) and a 2x8 grid of pins. Dimensions are provided in inches, with some values in millimeters (MIN). The drawing also shows the location of the PCB edge, the BSC (Bottom Surface Center) point, and the locations of the 36 PLC and 2 PLC components.

Dimensions (inches):

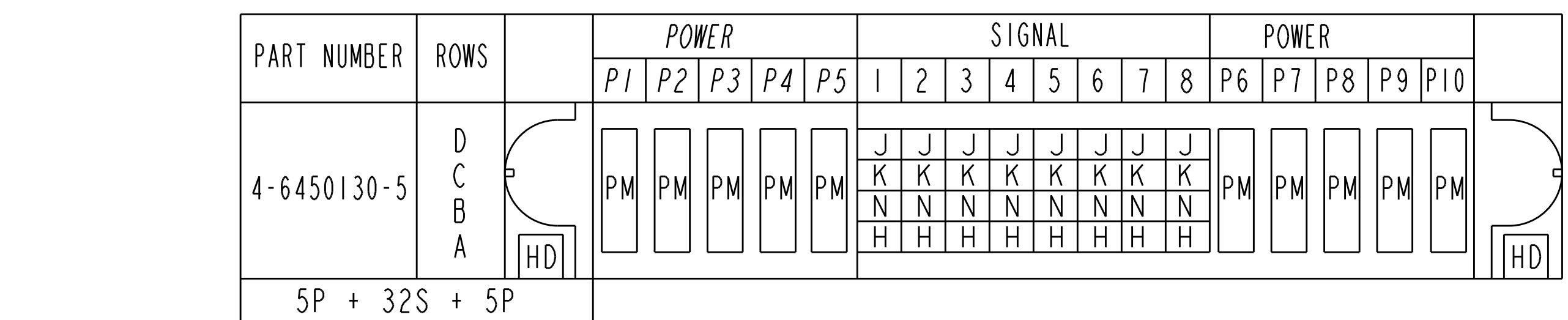
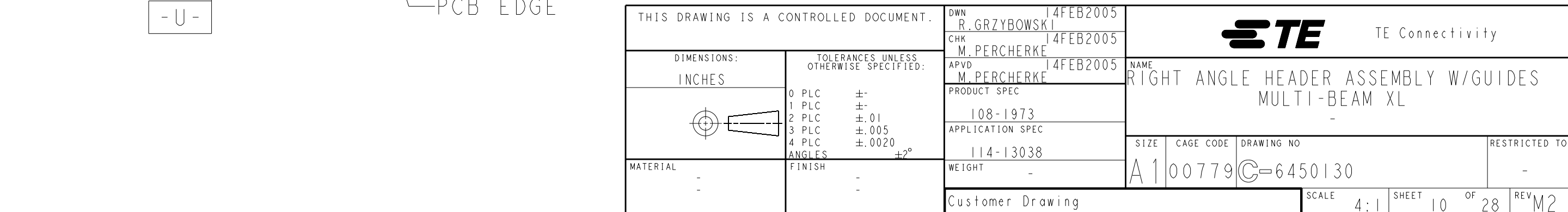
- Overall width: 2.480 MIN
- Distance from left edge to first pin column: 2.150
- Distance between first and second pin columns: 1.550
- Distance between second and third pin columns: 1.225
- Distance between third and fourth pin columns: .875
- Distance from right edge to last pin column: .250
- Distance from bottom edge to first pin row: .100
- Distance between first and second pin rows: .100
- Distance between second and third pin rows: .100
- Distance between third and fourth pin rows: .100
- Distance between fourth and fifth pin rows: .100
- Distance between fifth and sixth pin rows: .100
- Distance between sixth and seventh pin rows: .100
- Distance between seventh and eighth pin rows: .100
- Distance from bottom edge to last pin row: .100
- Distance from left edge to BSC point: .165
- Distance from BSC point to first pin column: .100
- Distance from first pin column to BSC point: .100
- Distance from BSC point to last pin column: .100
- Distance from last pin column to BSC point: .100
- Distance from BSC point to last pin row: .100
- Distance from last pin row to BSC point: .100

Component locations:

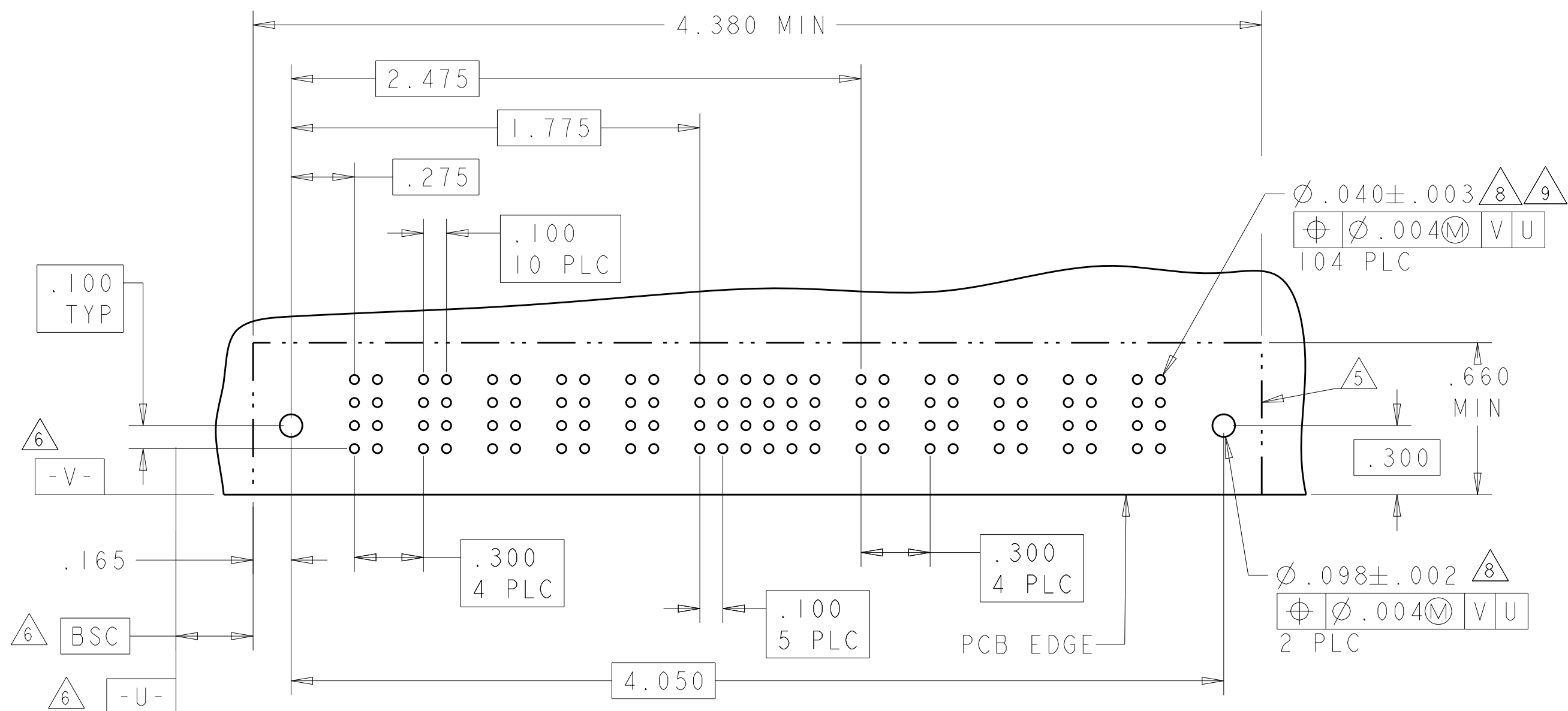
- 36 PLC: 8x9 grid of pins, dimensions: $\varnothing .040 \pm .003$, $\varnothing .004 (M)$, V U
- 2 PLC: 2x8 grid of pins, dimensions: $\varnothing .098 \pm .002$, $\varnothing .004 (M)$, V U

Other features:

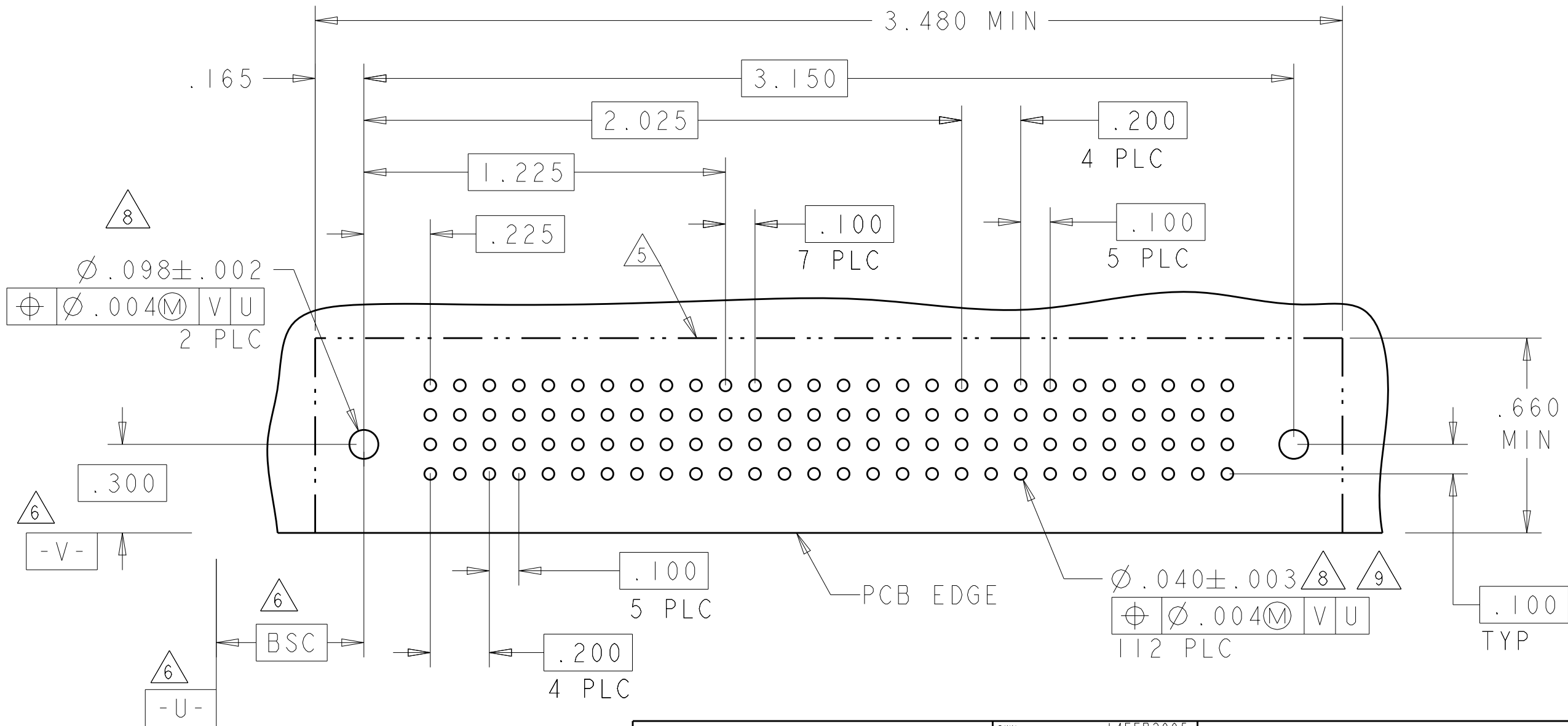
- PCB EDGE
- BSC (Bottom Surface Center)
- Dimensions: .660 MIN, .100 TYP

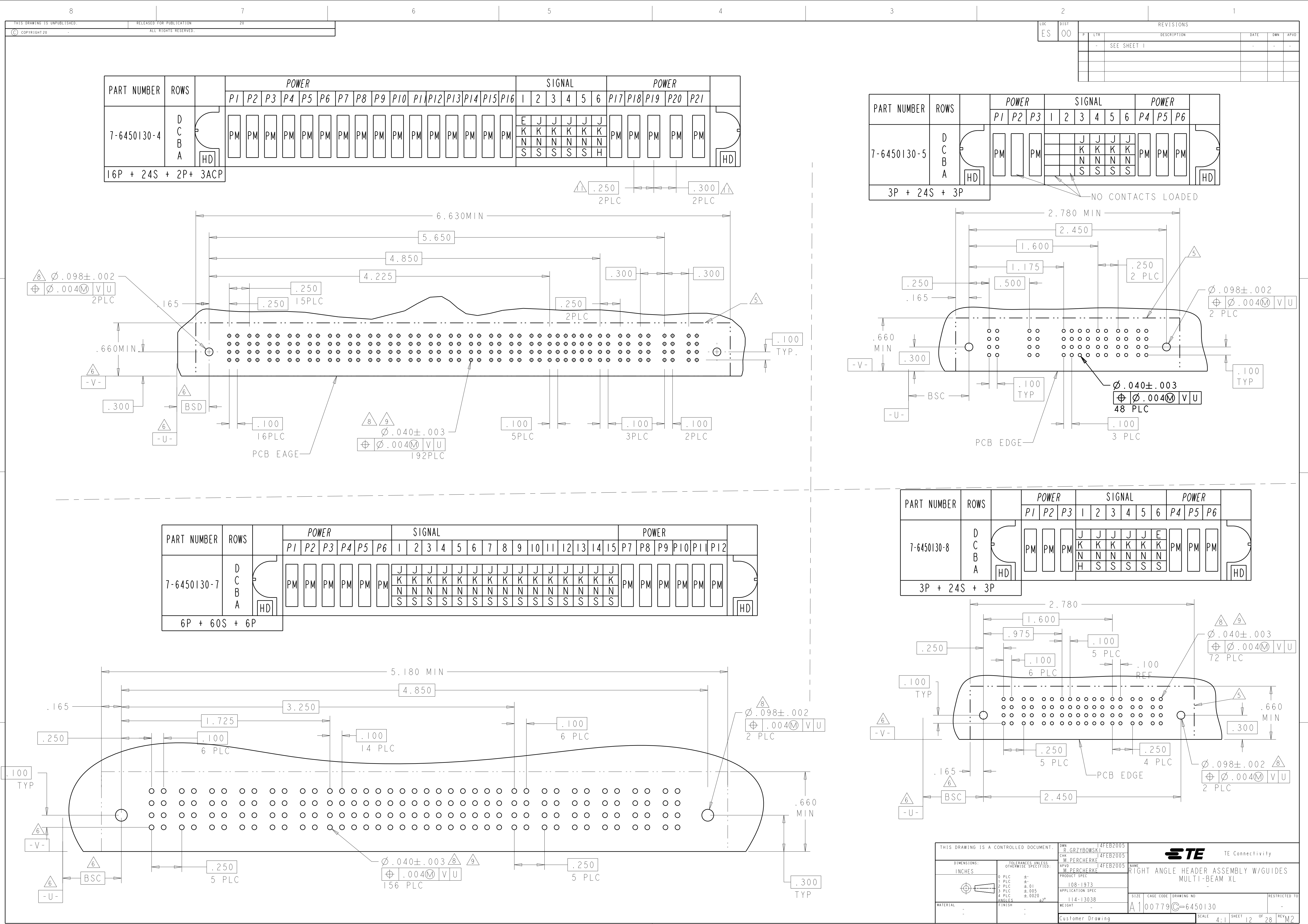
[illegible]

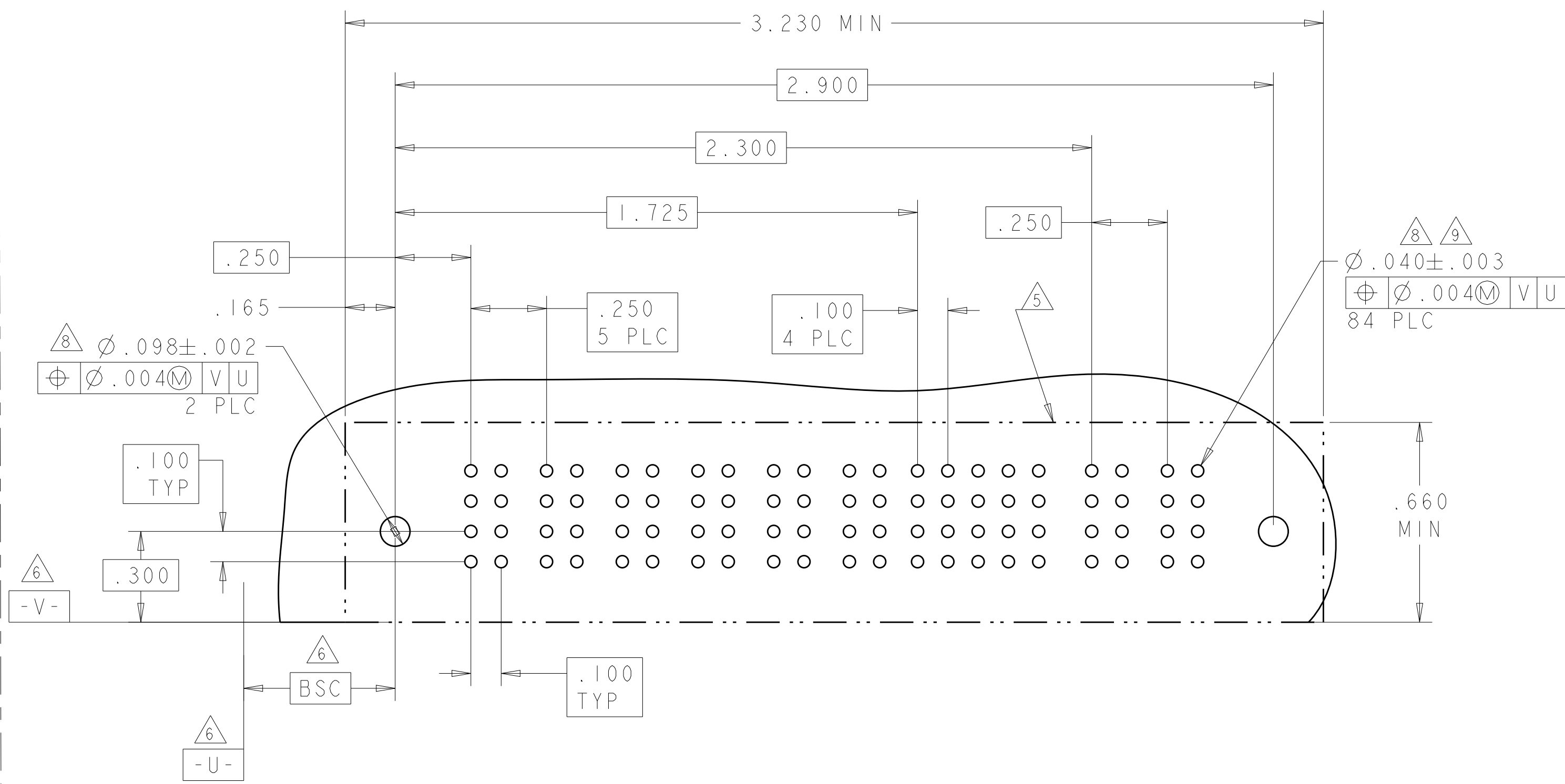
PART NUMBER	ROWS		POWER					SIGNAL						POWER					
			P1	P2	P3	P4	P5	1	2	3	4	5	6	P6	P7	P8	P9	P10	
5-6450130-0	D						J	J	J	J	J	J							
	K						K	K	K	K	K	K							
	N						N	N	N	N	N	N							
	H						H	H	H	H	H	H							
5ACP + 24S + 5ACP																			

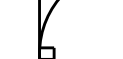
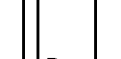
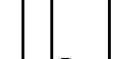
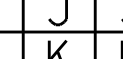
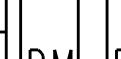
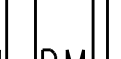


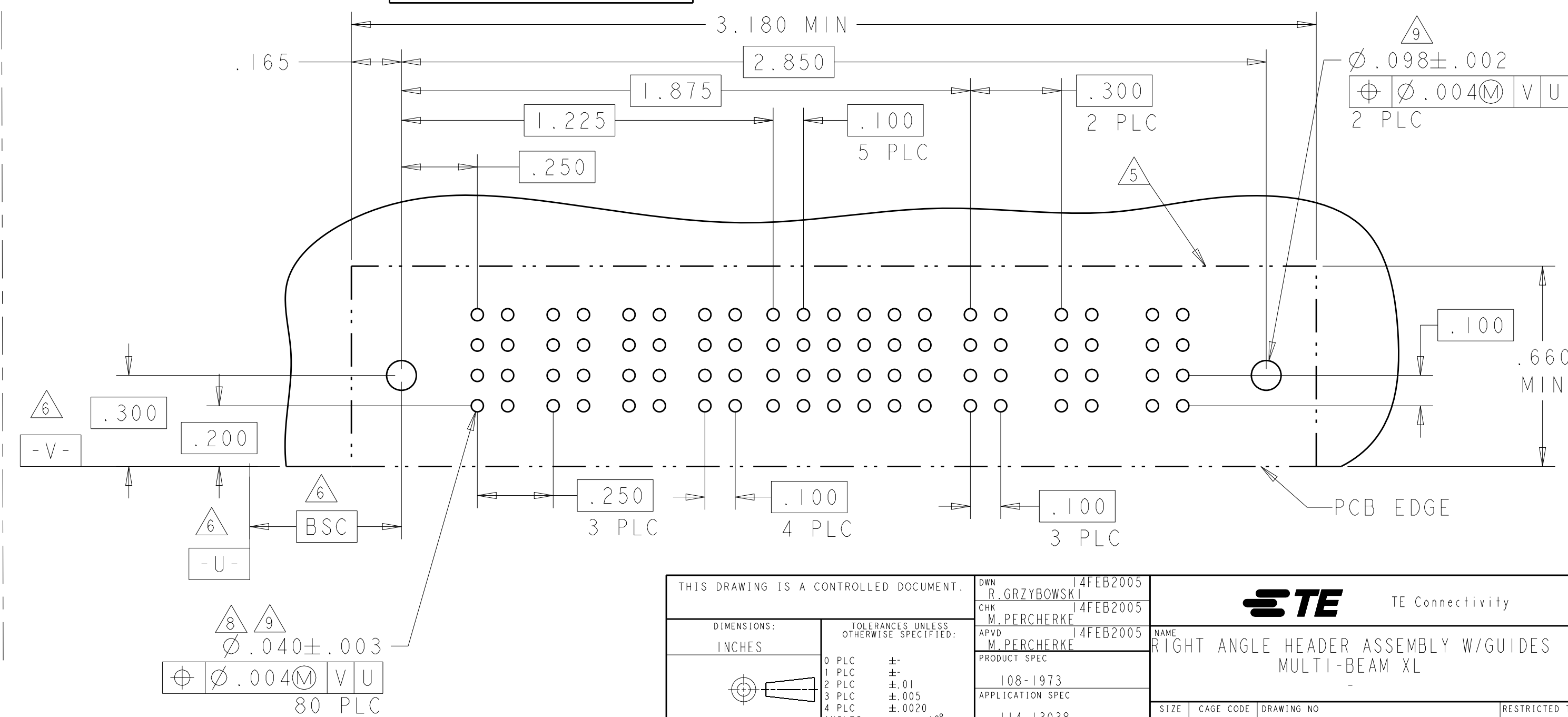
PART NUMBER	ROWS		POWER					SIGNAL								POWER					
			P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	P6	P7	P8	P9	P10	
5-6450130-5	D					J	J	J	J	J	J	J	J								
	K					K	K	K	K	K	K	K									
	N					N	N	N	N	N	N	N									
	H					H	H	H	H	H	H	H									
5P + 32S + 5P																					

4805 (3/11)



[illegible]

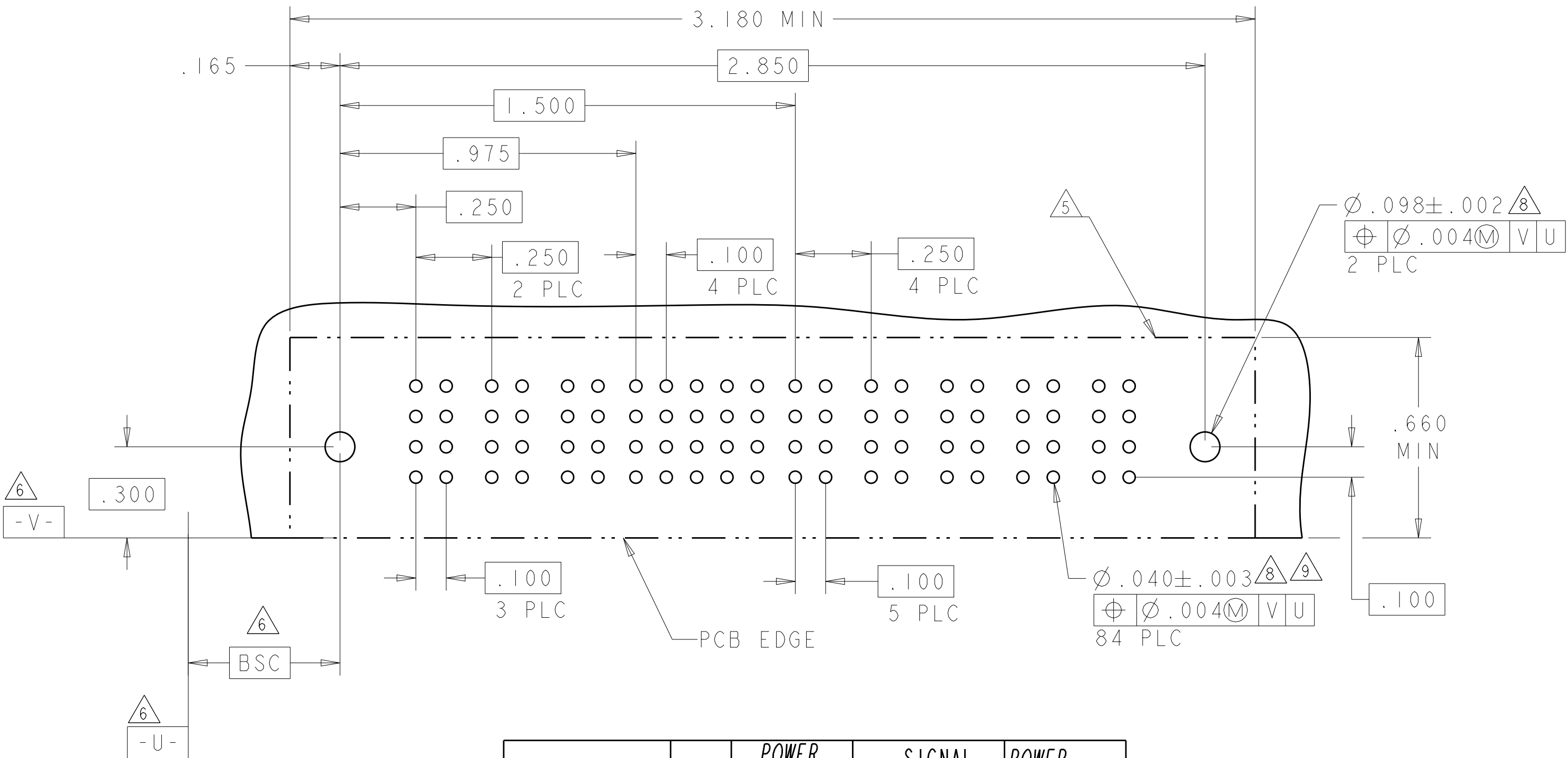
PART NUMBER	ROWS		POWER				SIGNAL						POWER			
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	
8-6450130-2	D C B A					J	J	J	J	J	J					
						K	K	K	K	K	K					
						N	N	N	N	N	N					
						S	S	S	S	S	H					
4P + 24S + 3ACP																

4805 (3/11)

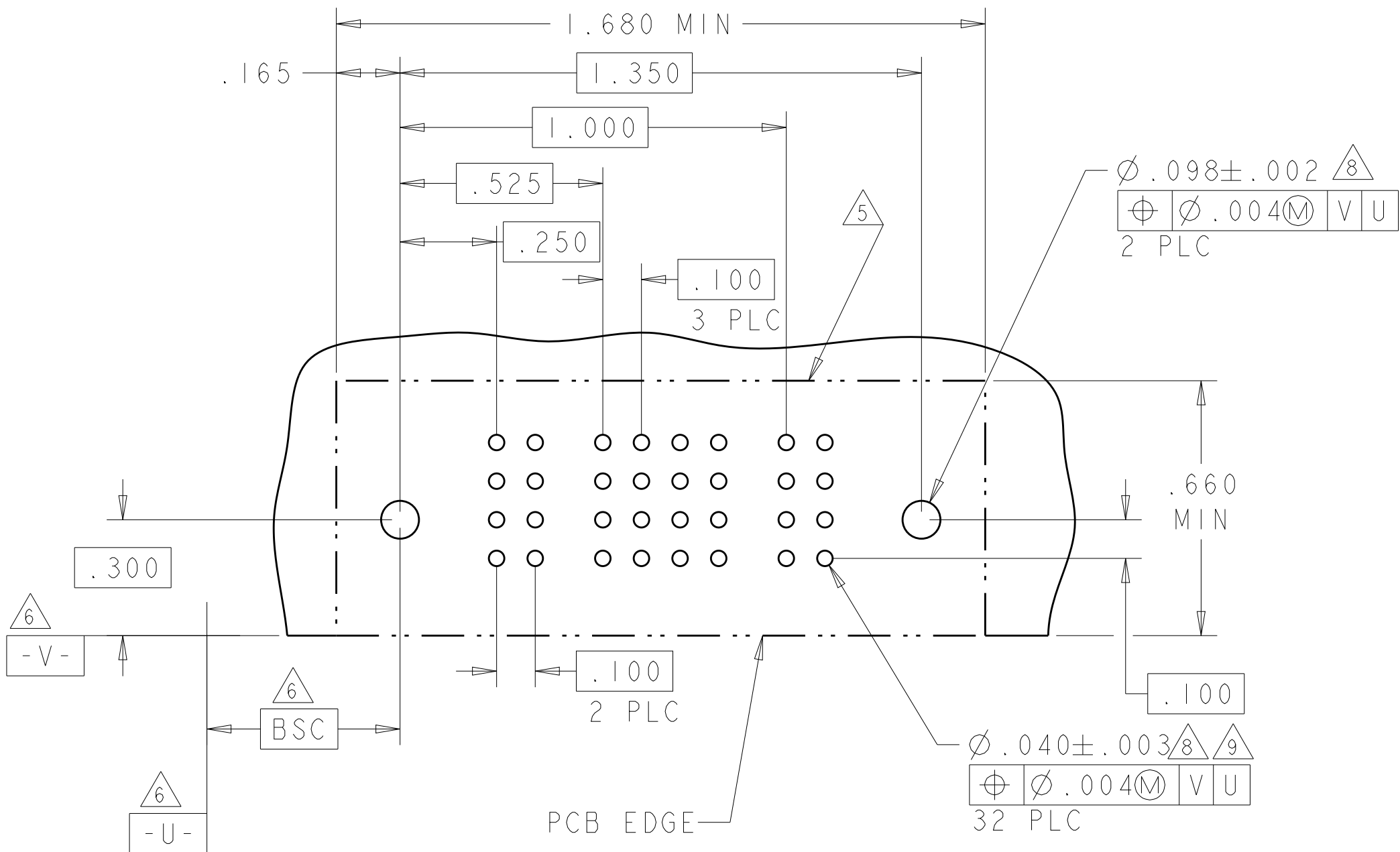
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

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	J	J	J		J	PM	PM		PM	PM	
						K	K	K		K						
						N	N	N		N						
3P + 20S + 5P			PM		PM	S	S	S		H	PM	PM		PM	PM	

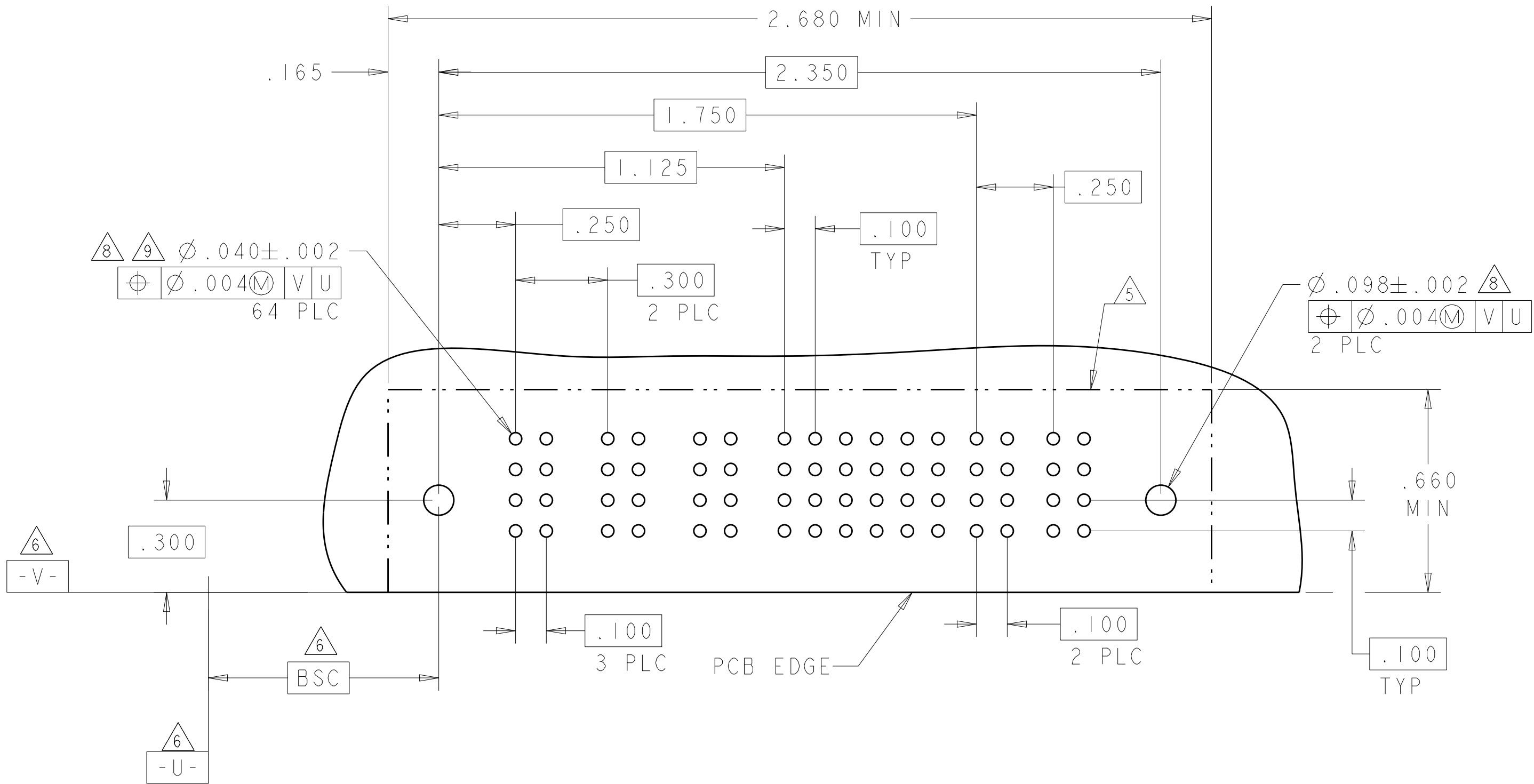
NO CONTACTS LOADED



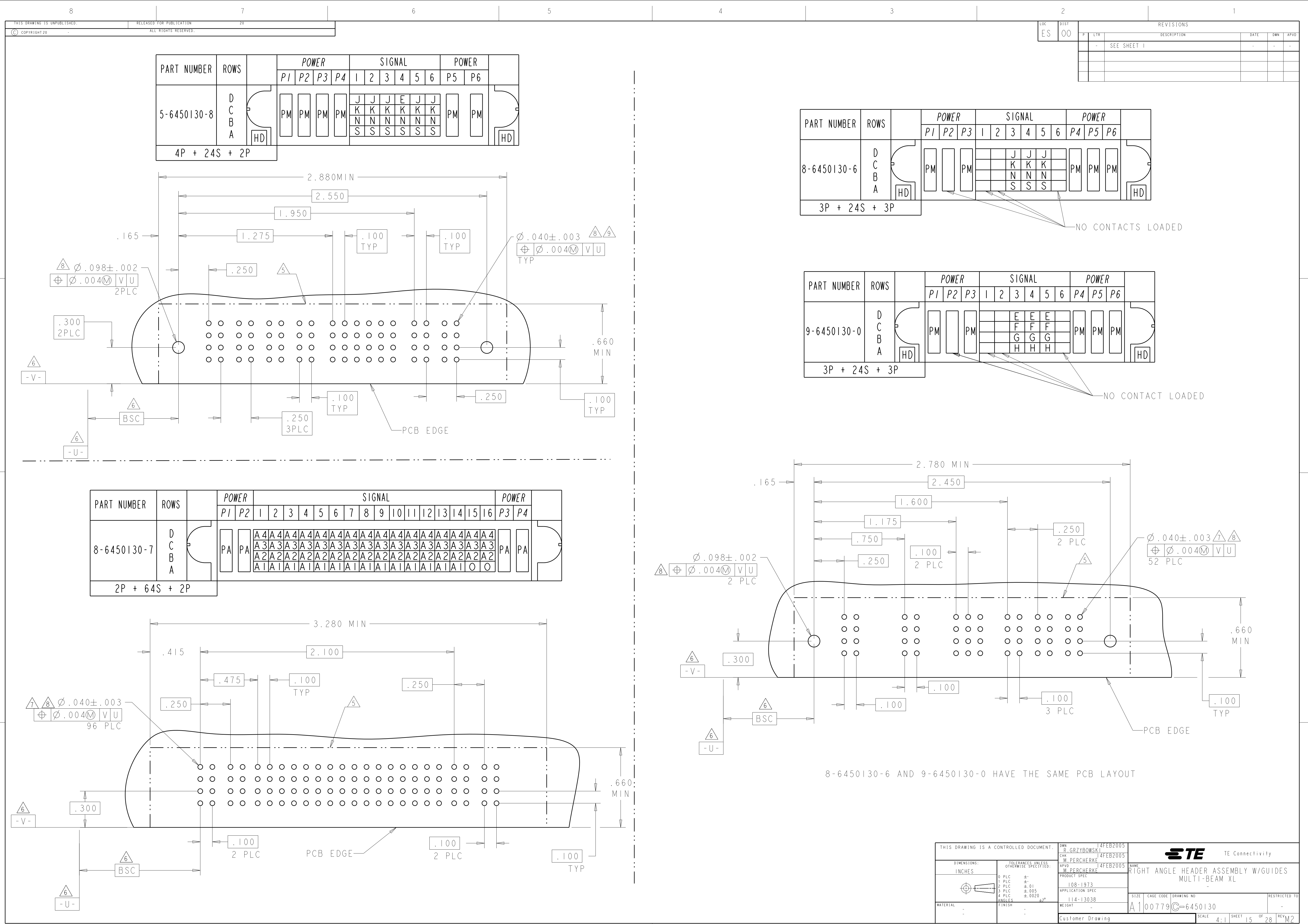
PART NUMBER	ROWS		POWER		SIGNAL				POWER		
			P1		1	2	3	4	P2		
8-6450130-5	D C B A		PM		J	E	J	E	PM		
					K	K	K	K			
					N	N	N	N			
IP + 16S + IP			PM		S	S	S	S	PM		



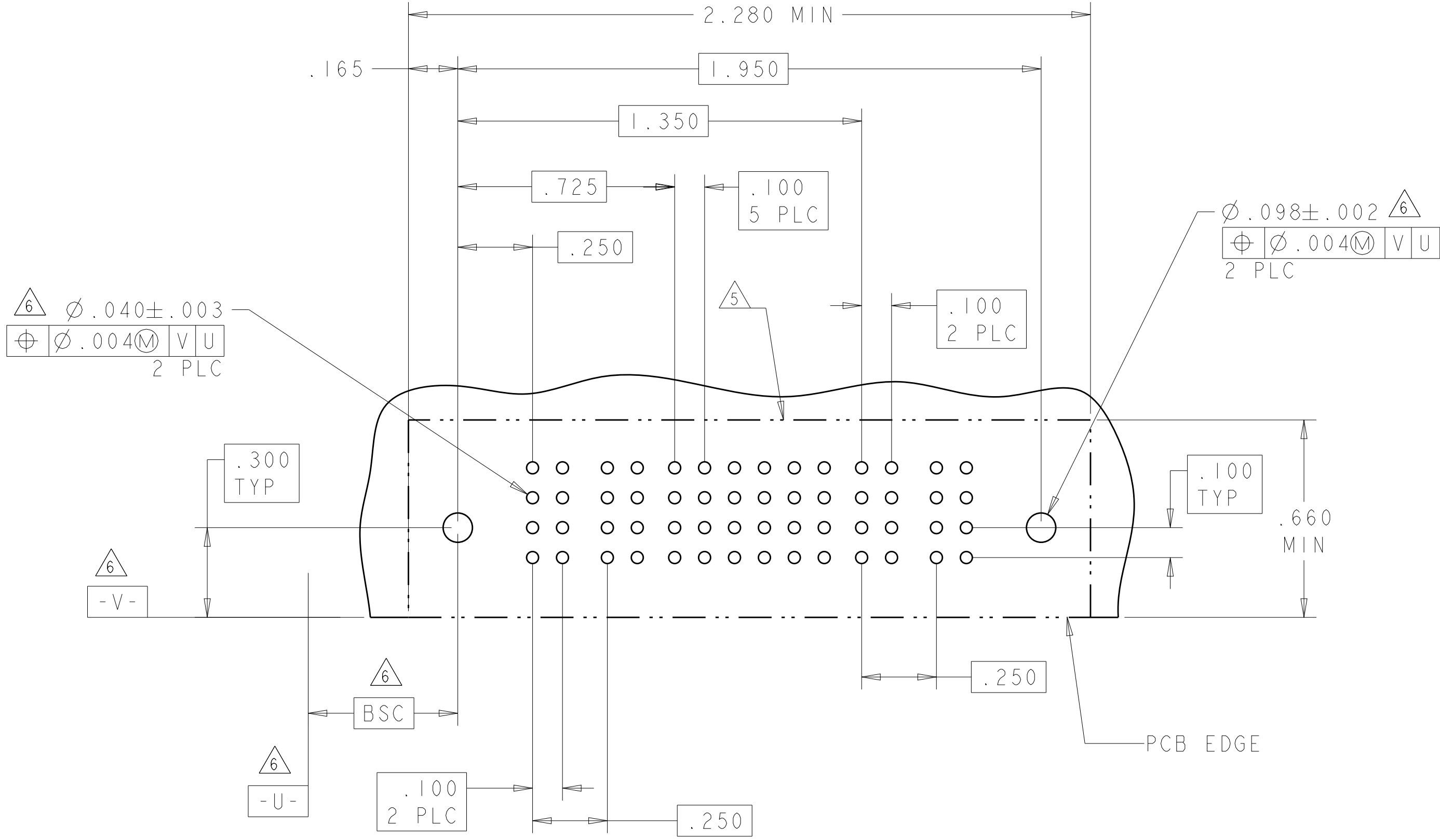
PART NUMBER	ROWS		POWER			SIGNAL						POWER		
			P1	P2	P3	1	2	3	4	5	6	P4	P5	
5-6450130-1	D C B A		PM	PM	PM	J	J	E	J	J	J	PM	PM	
						K	K	K	K	K	K			
						N	N	G	N	N	N			
3ACP + 24S + 2P			PM	PM	PM	S	S	S	S	S	S	PM	PM	



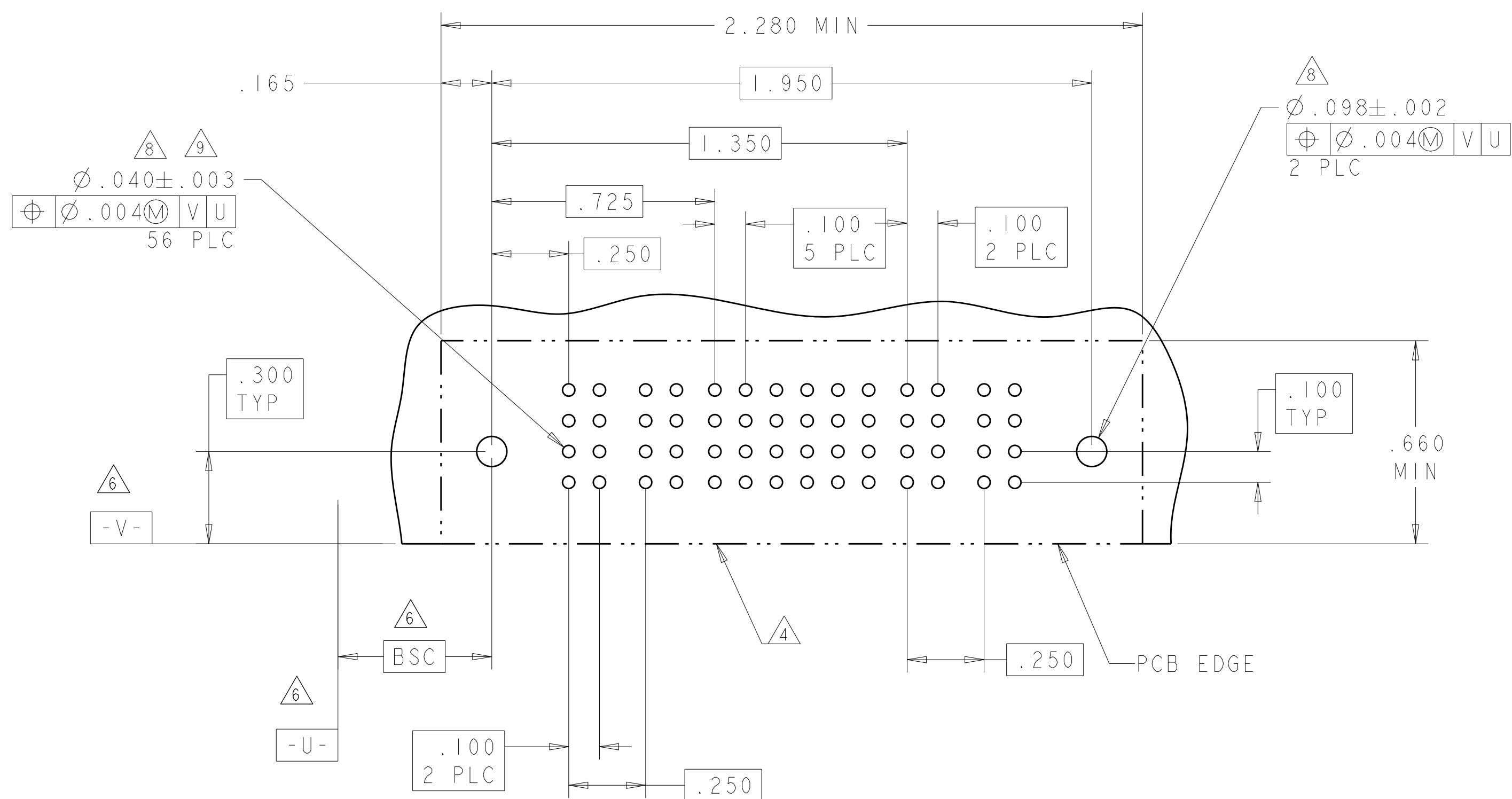
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	4FEB2005 14FEB2005 14FEB2005	TE Connectivity	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC		NAME	
	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° FINISH	108-1973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



PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
2-6450130-9	D C B A												
2P + 24S + 2P													

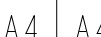
4805 (3/11)

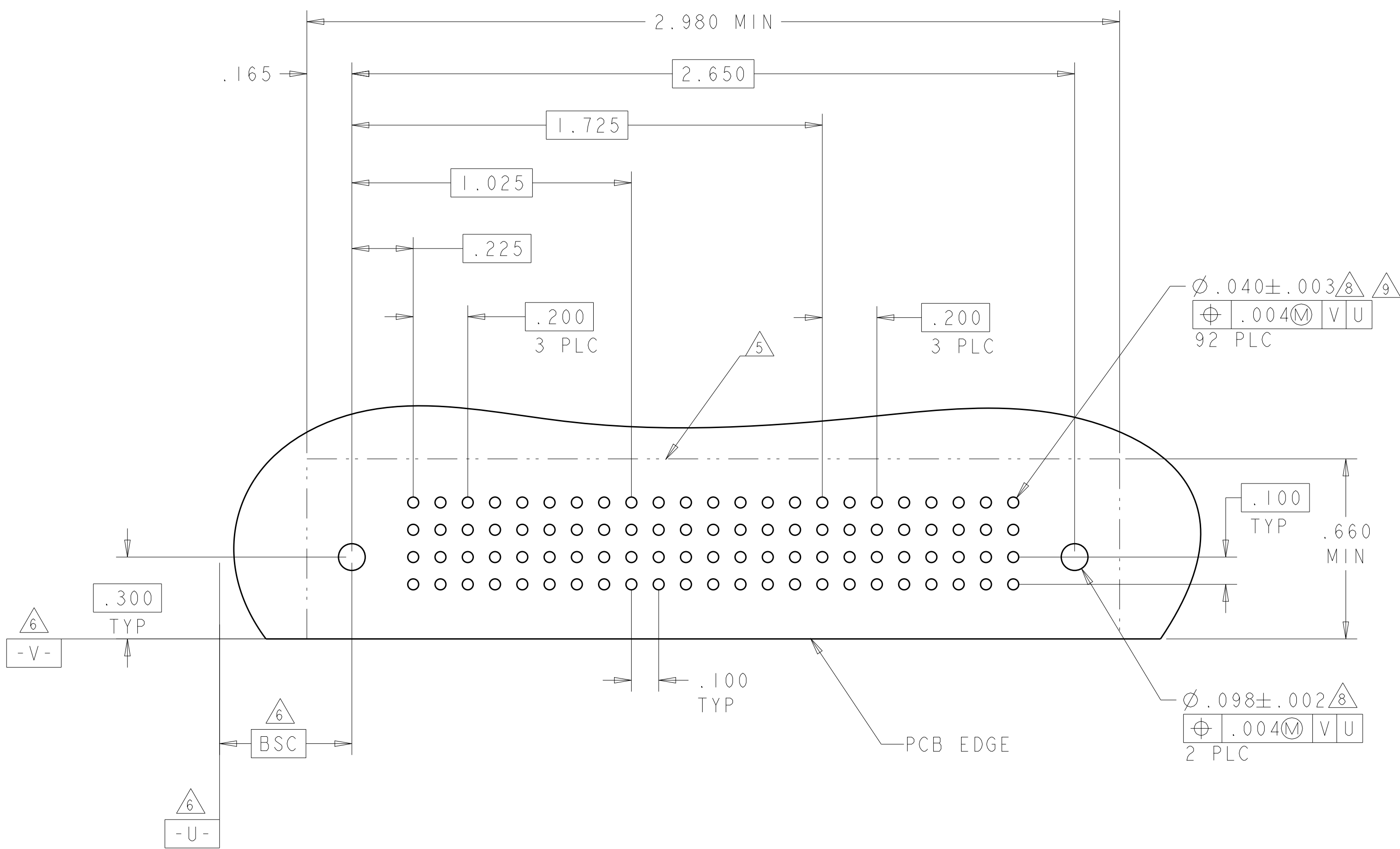
PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
6-6450130-7	D C B A	 			J K N S	J K N S	J K N S	J K G S	J K N S	J K N S		 	
2P + 24S + 2P													



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

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

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

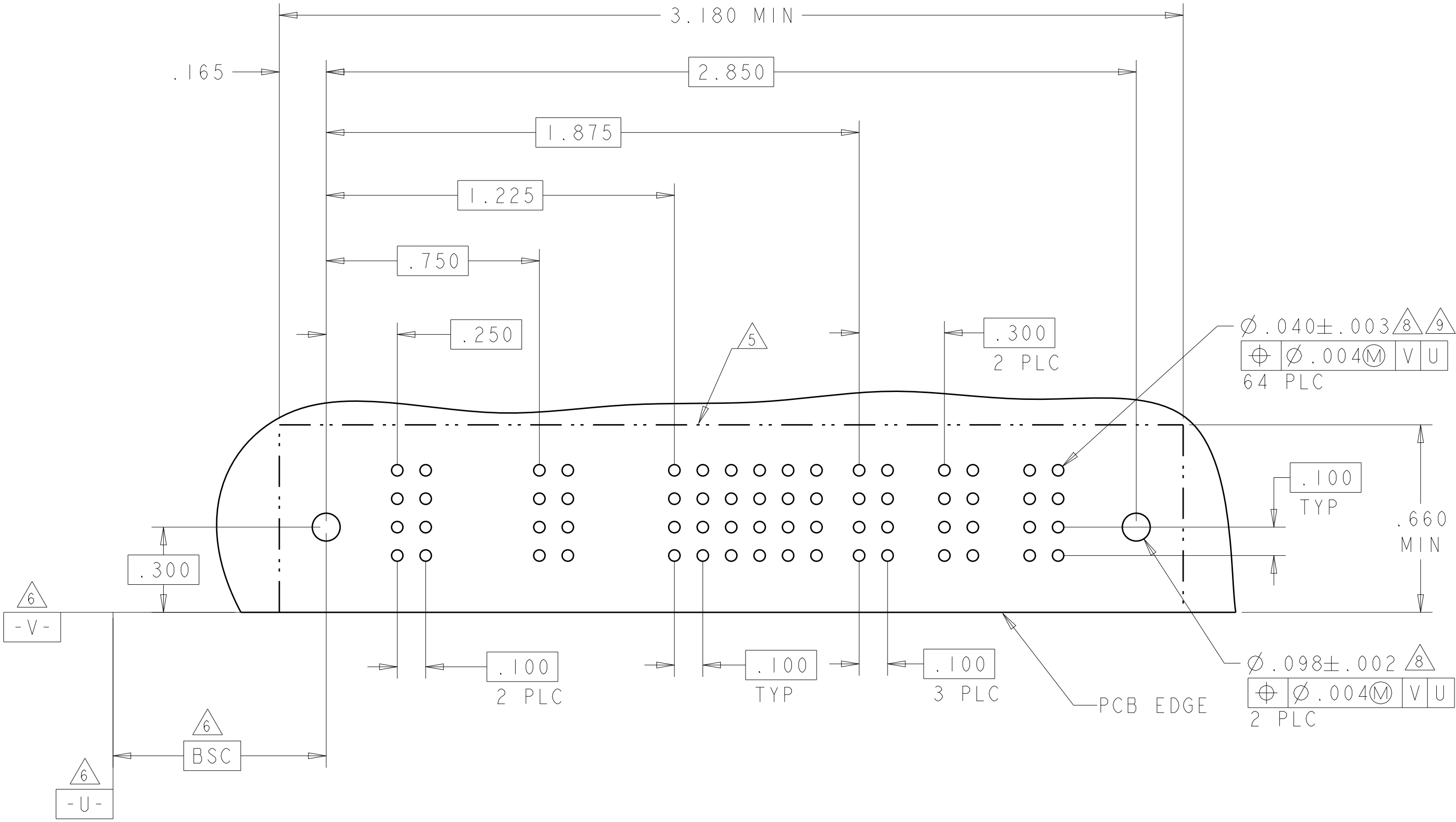
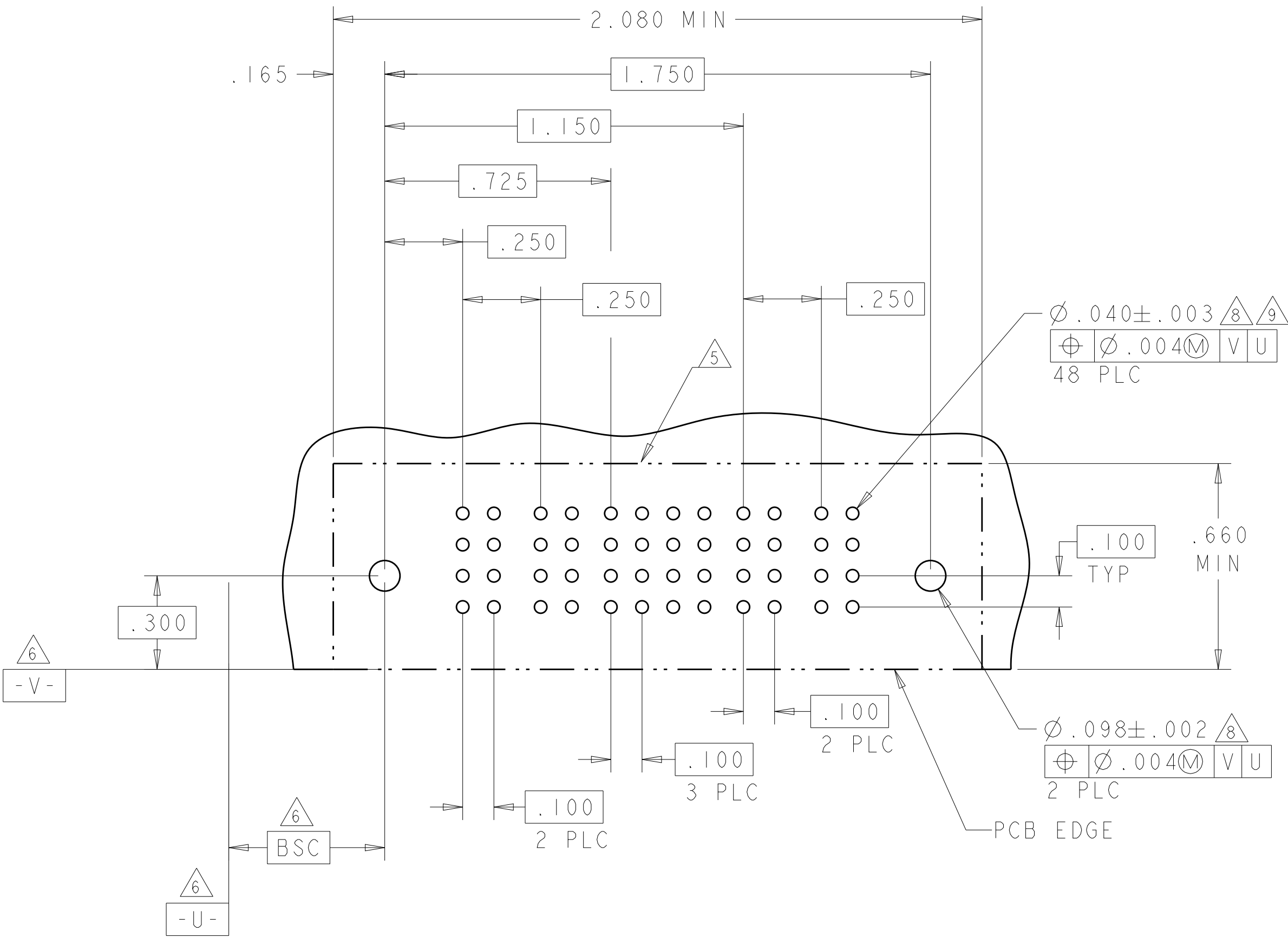
4805 (3/11)

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

PART NUMBER	ROWS		POWER		SIGNAL				POWER		
			P1	P2	1	2	3	4	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											

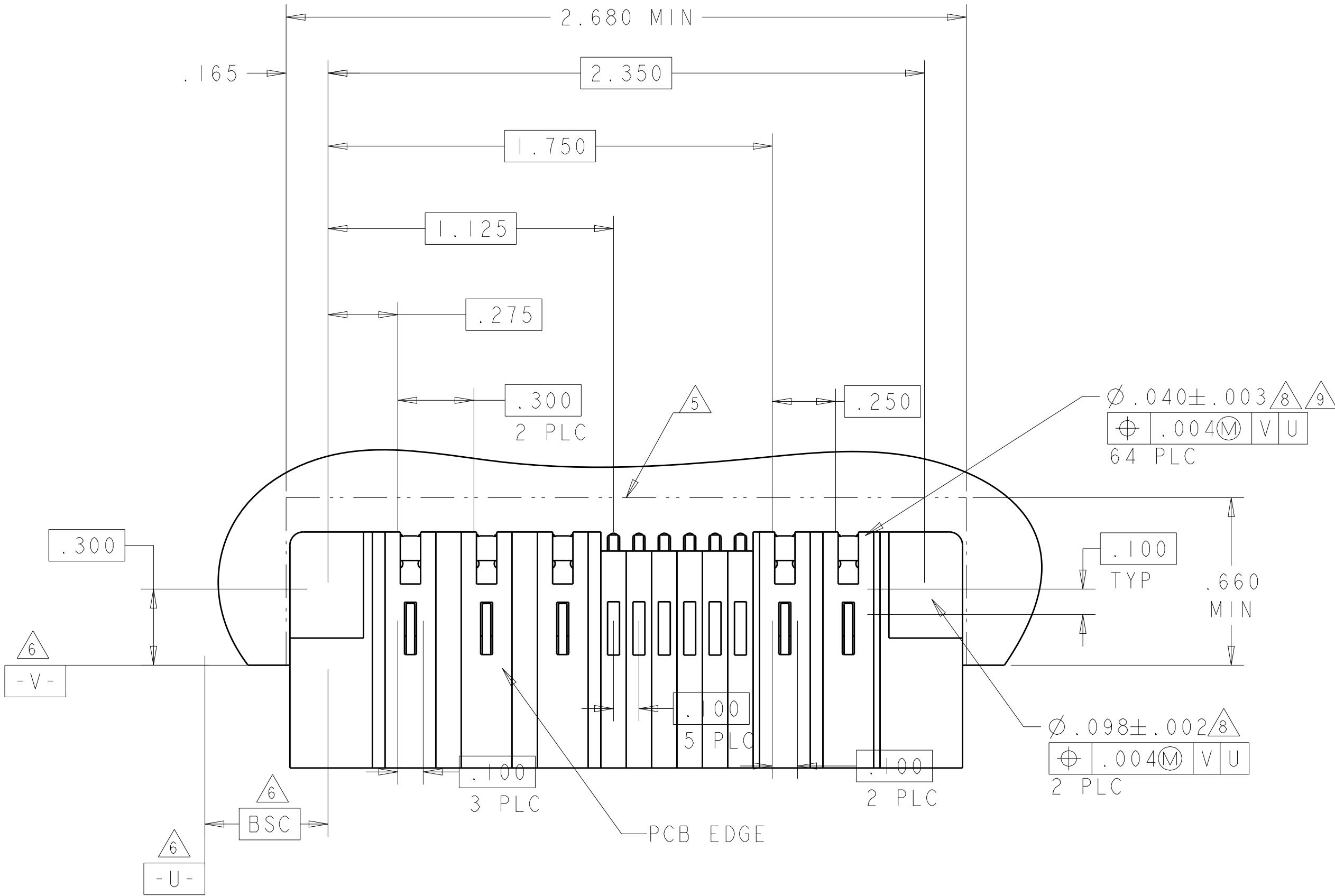
PART NUMBER	ROWS		POWER				SIGNAL						POWER			
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	
9-6450130-4	D					J	J	J	J	J	J					
	K					K	K	K	K	K						
	N					N	N	N	N	N						
	S					S	S	S	S	H						
4P + 24S + 3ACP																

NO CONTACT LOADED

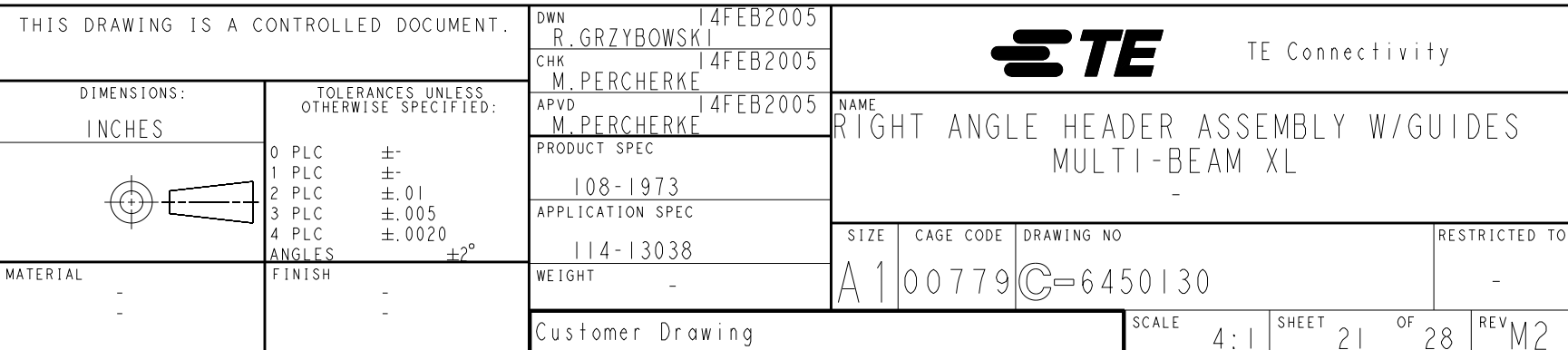


LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
ES	00	-	-	SEE SHEET 1	-	-

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

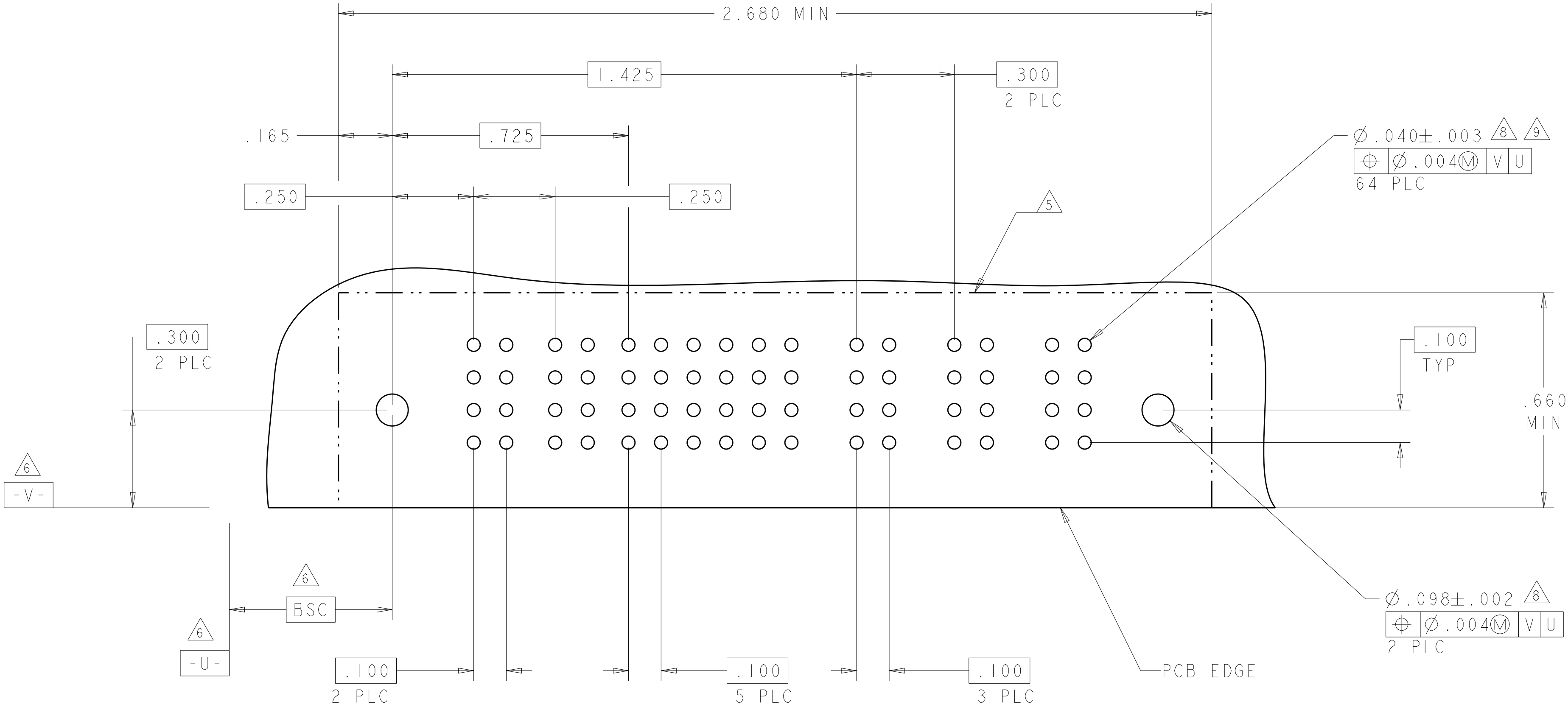


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHEKKE APVD M.PERCHEKKE	4FEB2005 14FEB2005 14FEB2005	TE Connectivity	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH	±" ±.01 ±.005 ±.0020 #2° -	PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
MATERIAL -	-	WEIGHT -	Customer Drawing	SIZE A1	CAGE CODE 00779
Customer Drawing		SCALE 4:1	SHEET 20	OF 28	REV M2

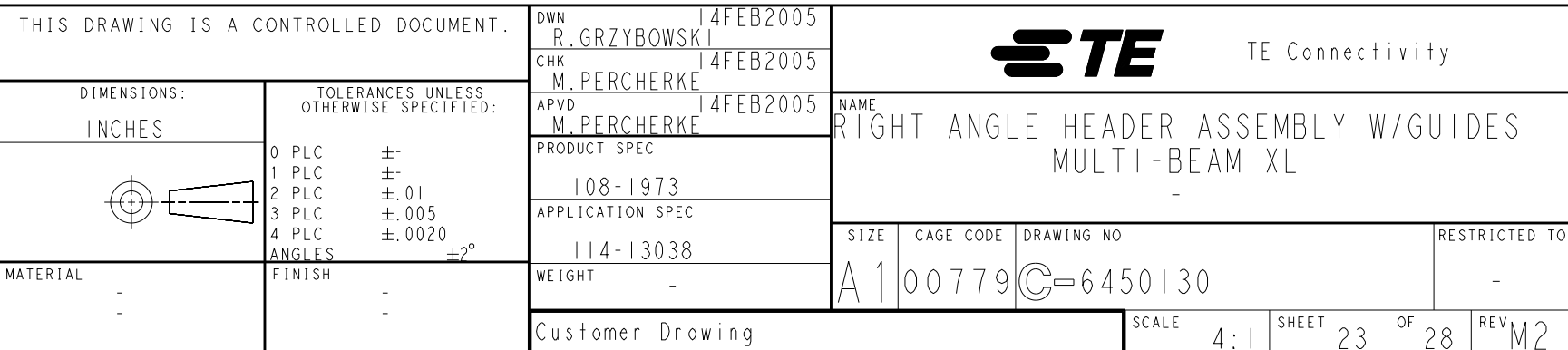
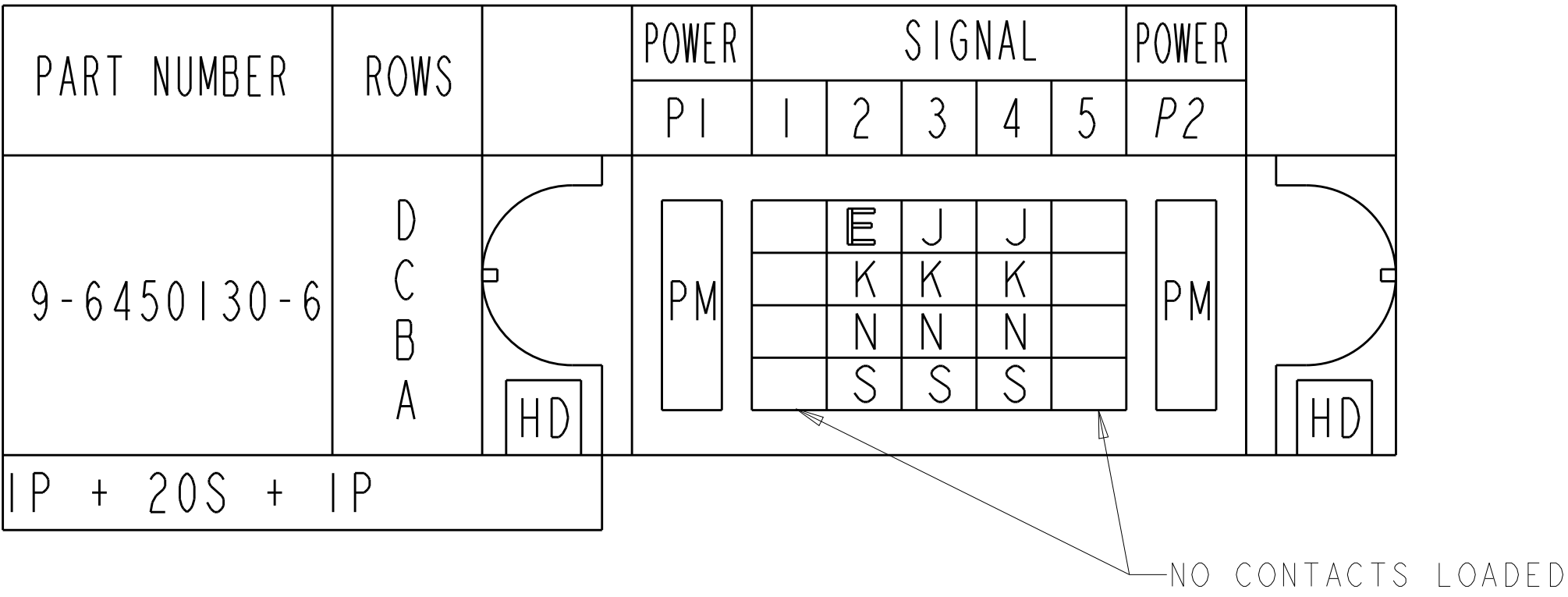


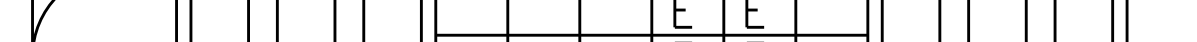
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
ES	00	-	-	SEE SHEET 1	-	-

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	
	K				K	K	K	K	K					
	N				N	G	N	N	N					
	S				S	S	S	S	S					
2P + 24S + 3ACP														

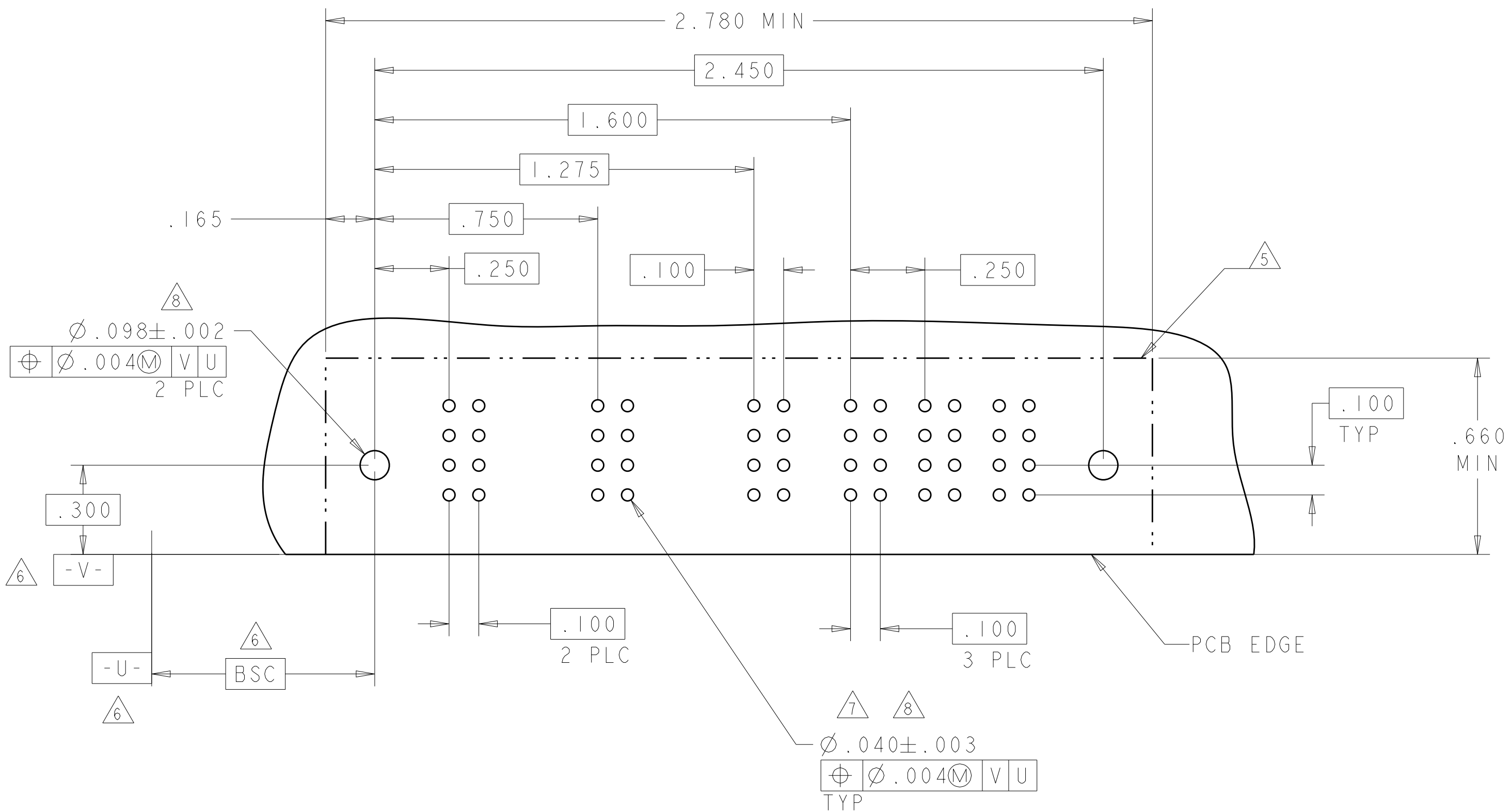


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	4FEB2005	 TE Connectivity	
		CHK M.PERCHERKE	14FEB2005		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
		0 PLC ±.01	108-1973	SIZE	
		2 PLC ±.01	APPLICATION SPEC	CAGE CODE	
	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



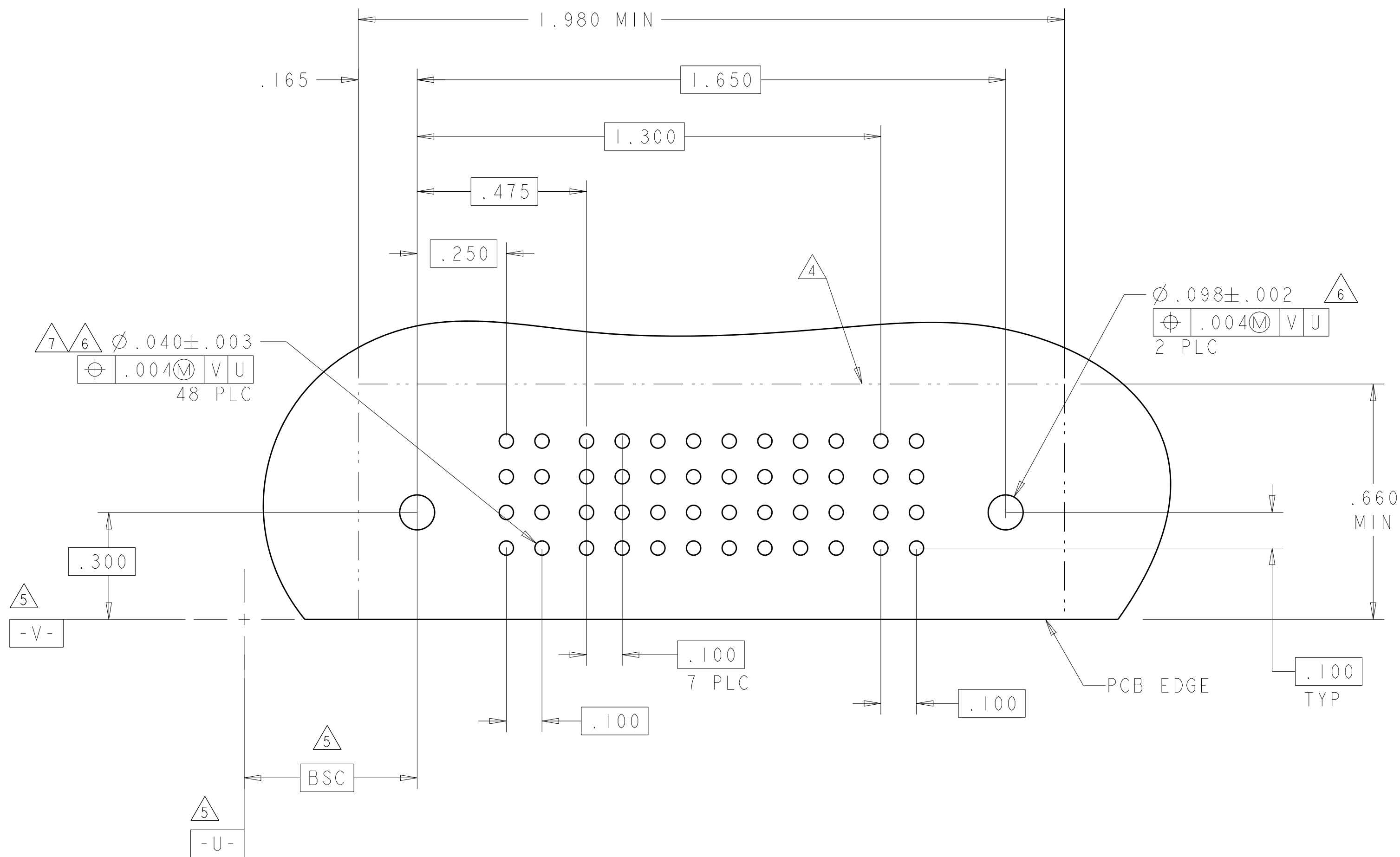
PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
9-6450130-7	D		PM	PM	PM				E	E		PM	PM	PM	
	C								F	F					
	B								G	G					
	A								H	H					
3P + 24S + 3P															

L5

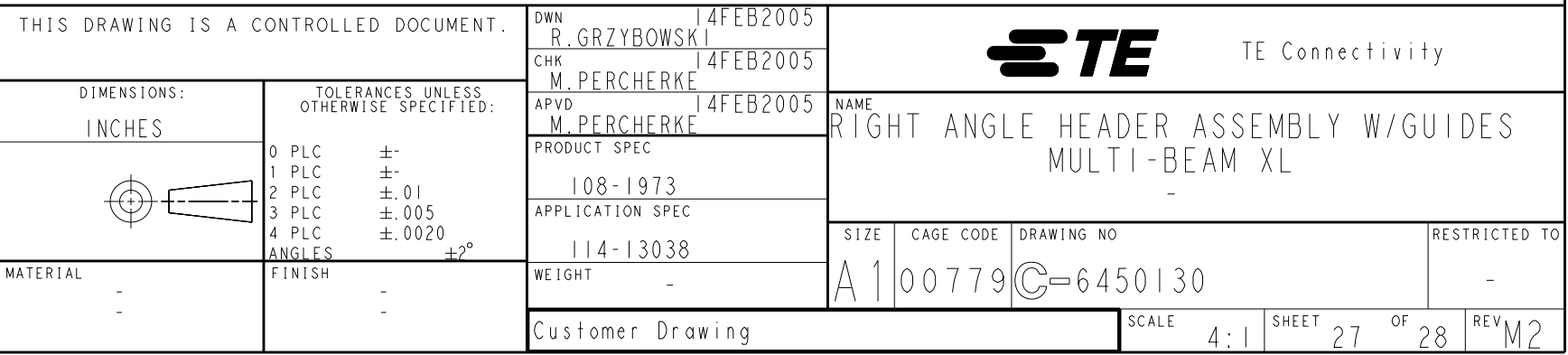
4805 (3/11)

L7

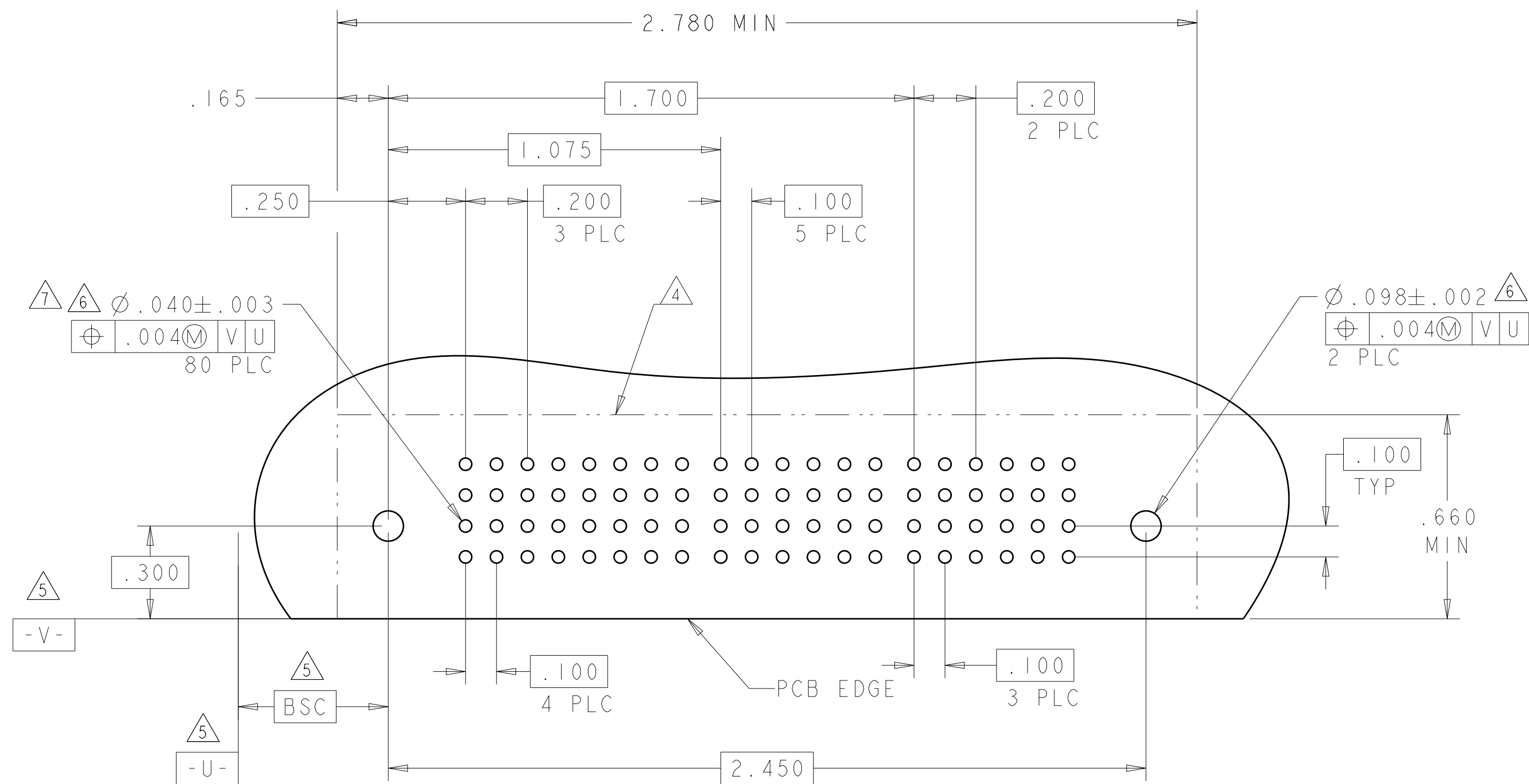
4805 (3/11)

4805 (3/11)

L 9



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	 	 	 	 	J	J	J	J	J	J	 	 	 	 			
						K	K	K	K	K	K					P	P	P
						N	N	N	N	N	N					S	S	S
4HDP + 24S + 3HDP																		



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6-6450130-4](#)