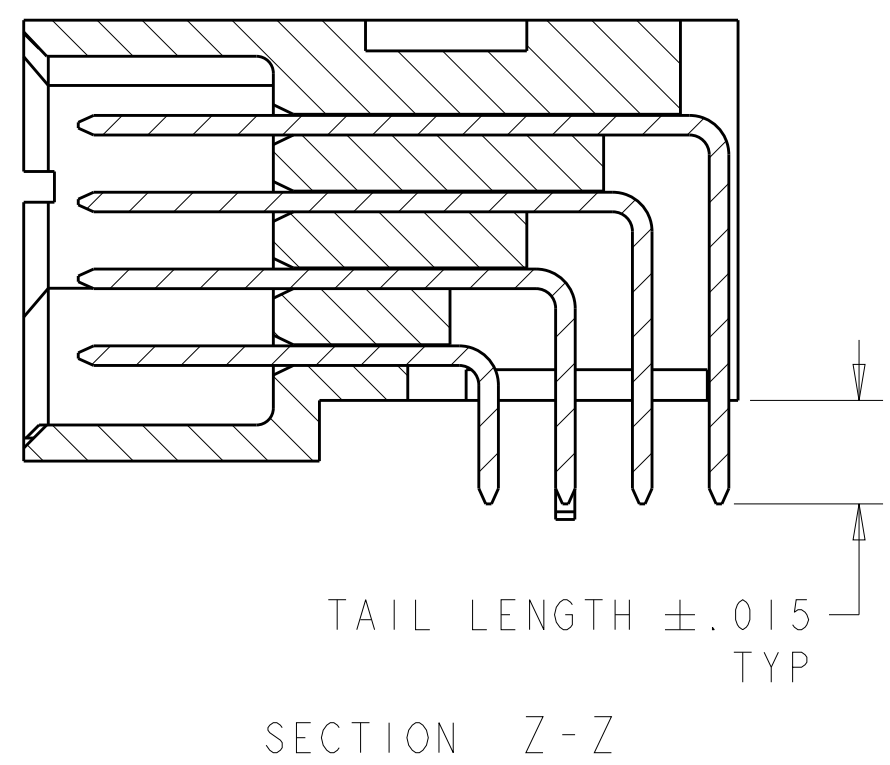


4805 (3/11)

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

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

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS:
INCHES

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

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
-

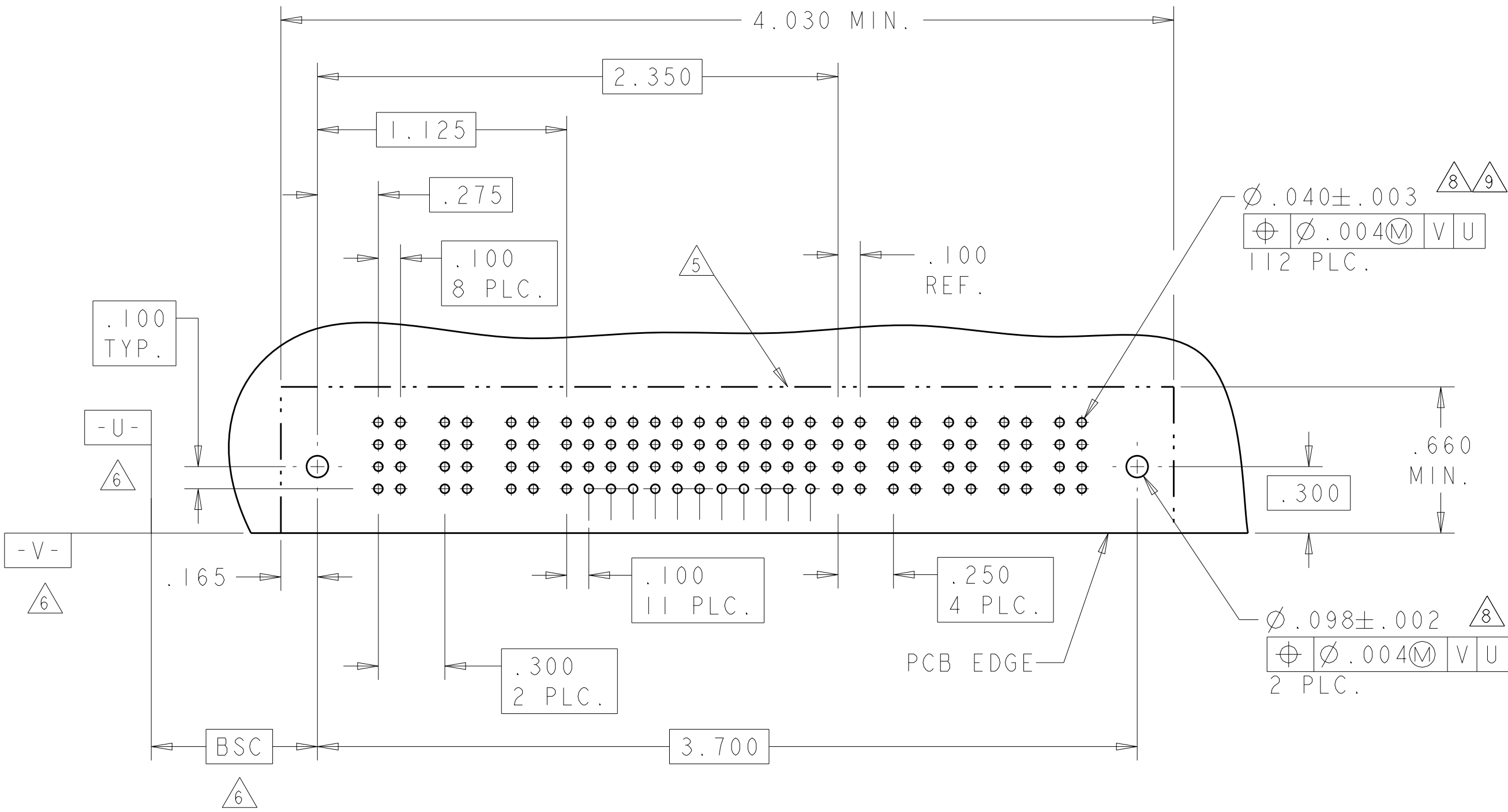
SCALE
4:1

SHEET
2

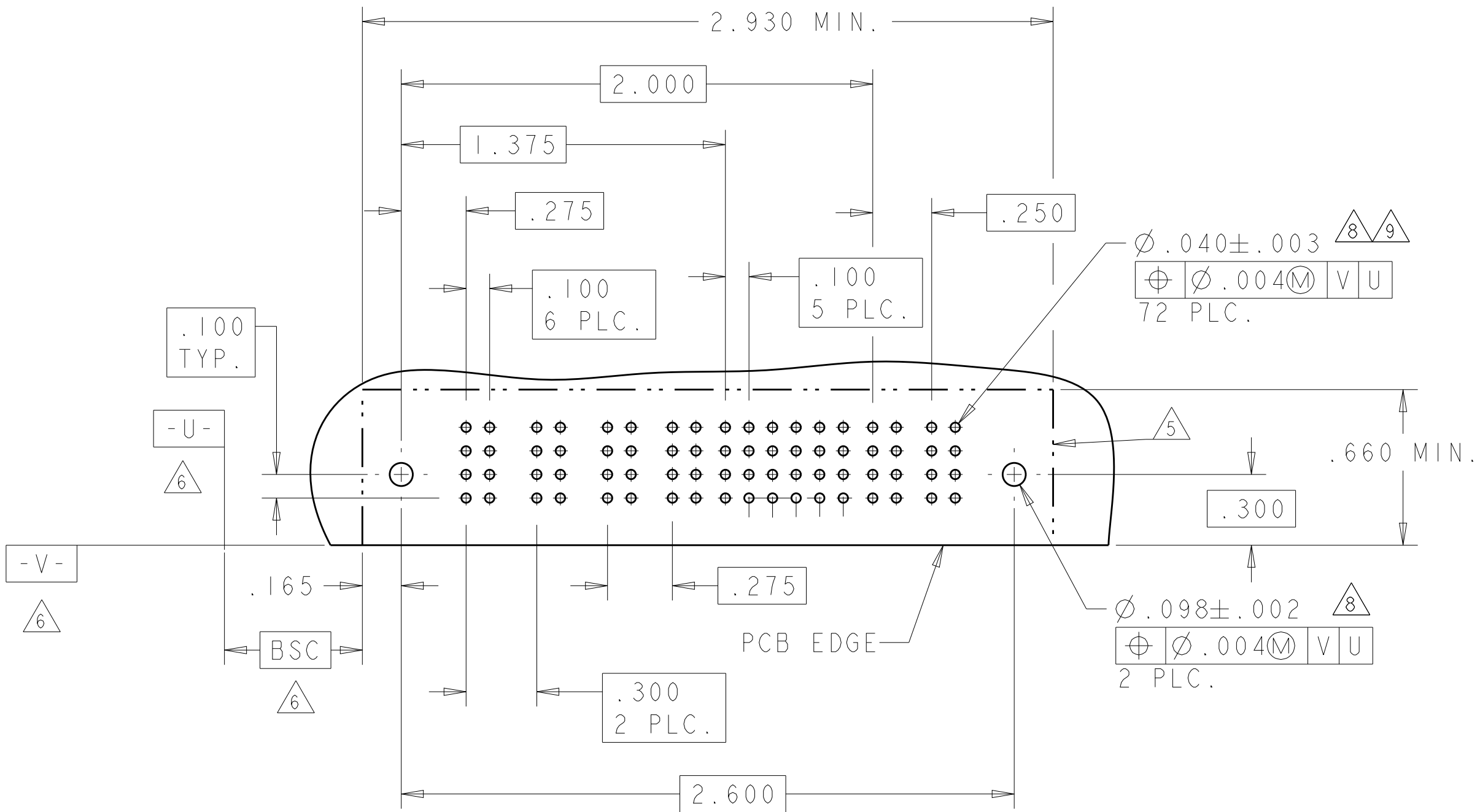
OF
28

REV
M2

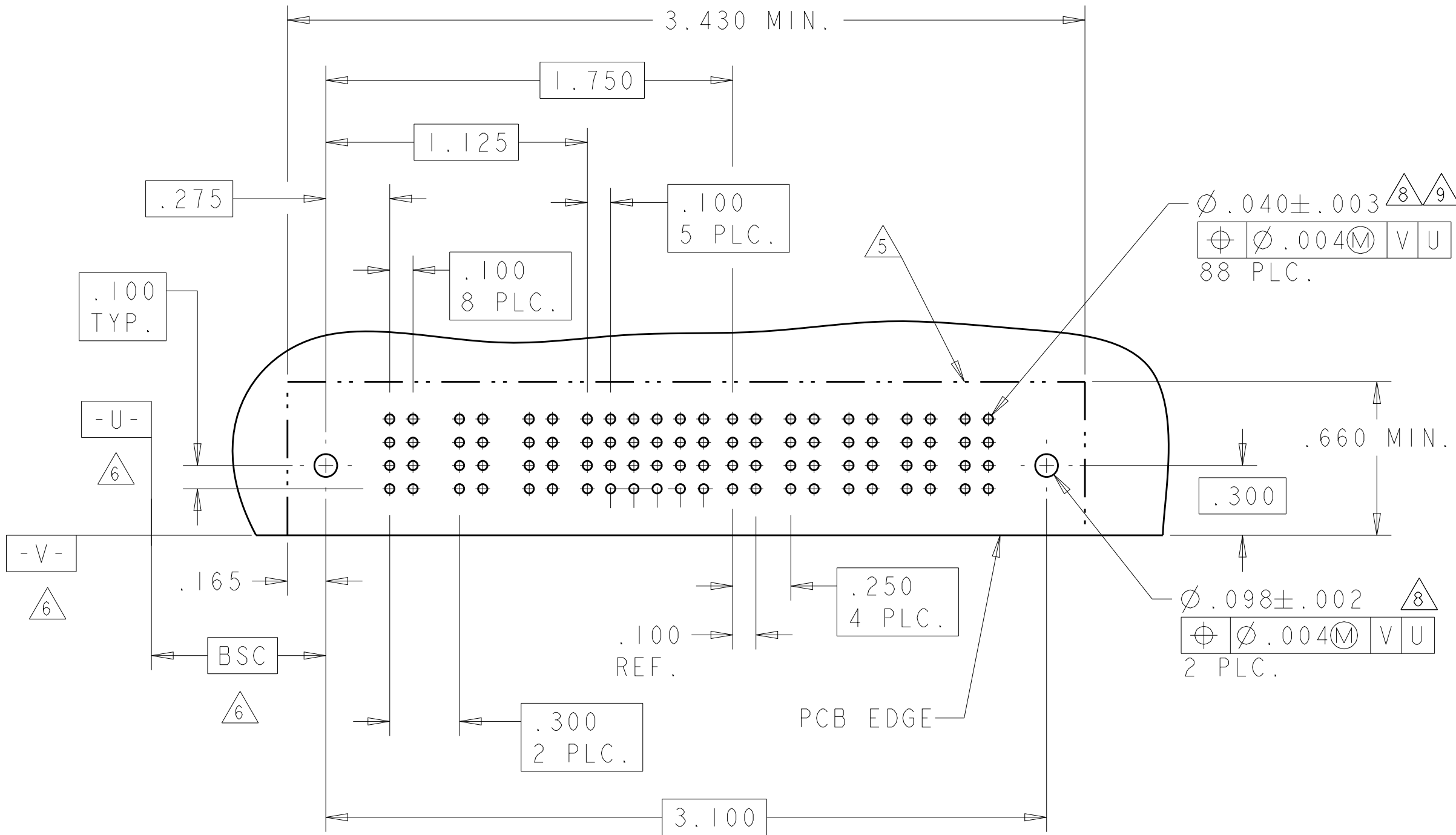
PART NUMBER	ROWS		POWER			SIGNAL												POWER					
			P1	P2	P3	1	2	3	4	5	6	7	8	9	10	11	12	P4	P5	P6	P7	P8	
6450130-1	D C B A					J	J	J	J	J	J	J	J	J	J	J							
						K	K	K	K	K	K	K	K	K	K	K						K	
						N	N	N	N	N	N	N	N	N	N	N						N	N
						S	S	S	S	S	S	S	S	S	S	S						S	H
3ACP + 48S + 5P																							



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		E	J	J	J	J	E	PM	PM	
							K	K	F	K	K	K			
							N	N	N	N	N	N			
							H	S	S	S	S	H			
3ACP + 1P + 24S + 2P															



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

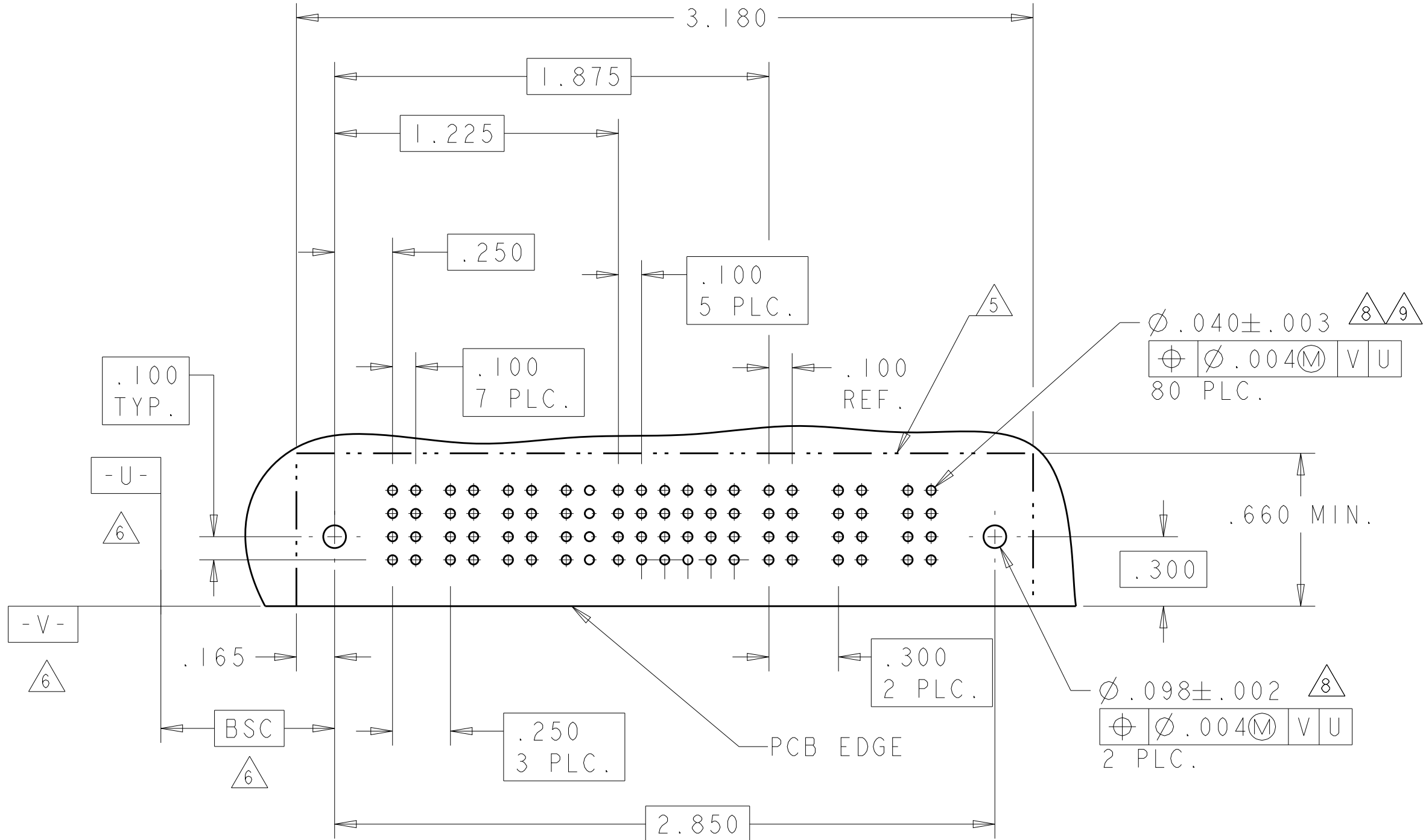


PM	.135	MULTI-BEAM
PA	.090	MULTI-BEAM
CODE	TAIL LENGTH	DESCRIPTION
POWER CONTACT		

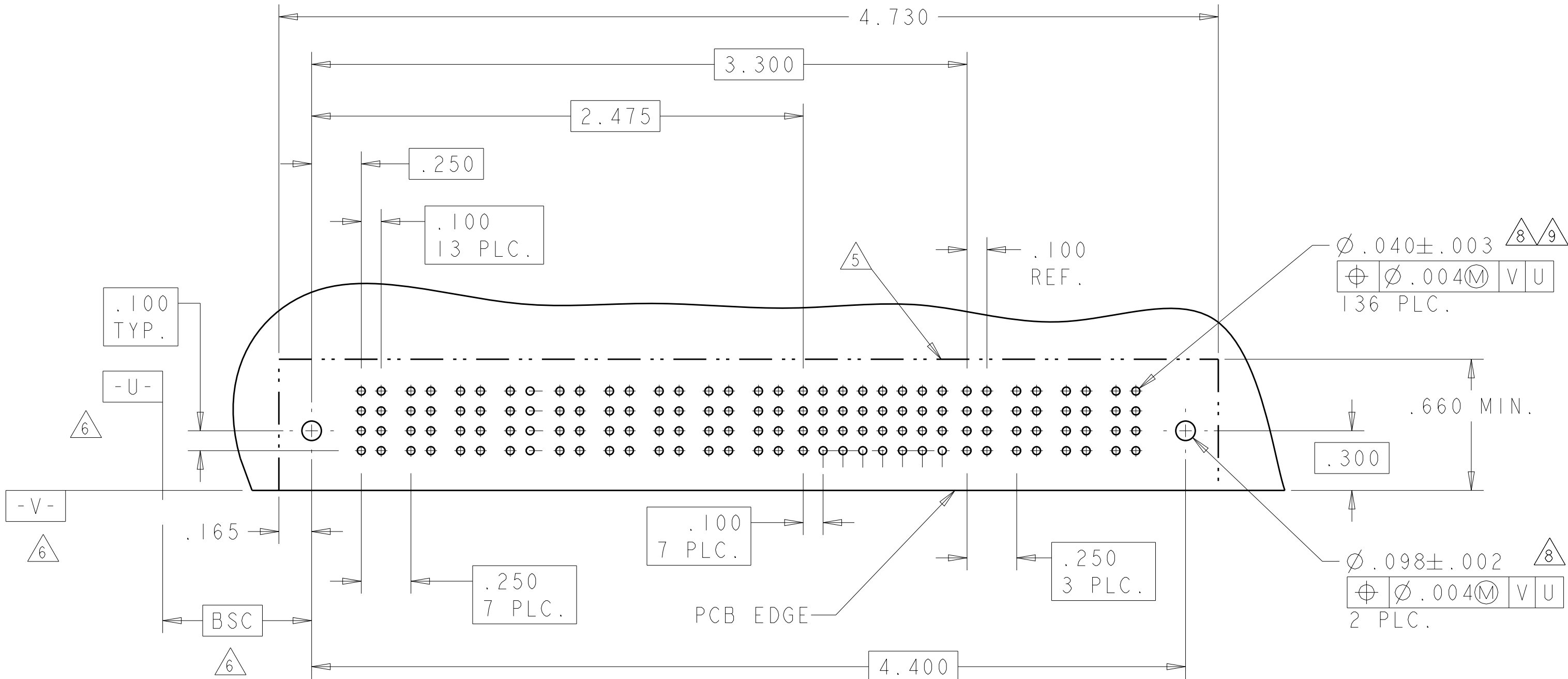
Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
A4	MLBF	.090	D
A3	MLBF	.090	C
A2	MLBF	.090	B
A1	MLBF	.090	A
E	MLBF	.135	D
F	MLBF	.135	C
G	MLBF	.135	B
H	MLBF	.135	A
J	STD	.135	D
K	STD	.135	C
N	STD	.135	B
S	STD	.135	A
CODE	MATING SEQUENCE	TAIL LENGTH	ROW
SIGNAL CONTACT			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 4FEB2005	TE Connectivity	
DIMENSIONS:		CHK M. PERCHERKE 14FEB2005	NAME	
INCHES		APVD M. PERCHERKE 14FEB2005	RIGHT ANGLE HEADER ASSEMBLY W/GUIDES	
		PRODUCT SPEC	MULTI-BEAM XL	
		APPLICATION SPEC		
		WEIGHT		
		Customer Drawing		
		SCALE 4:1	SHEET 3 of 28	
		REV M2		

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																

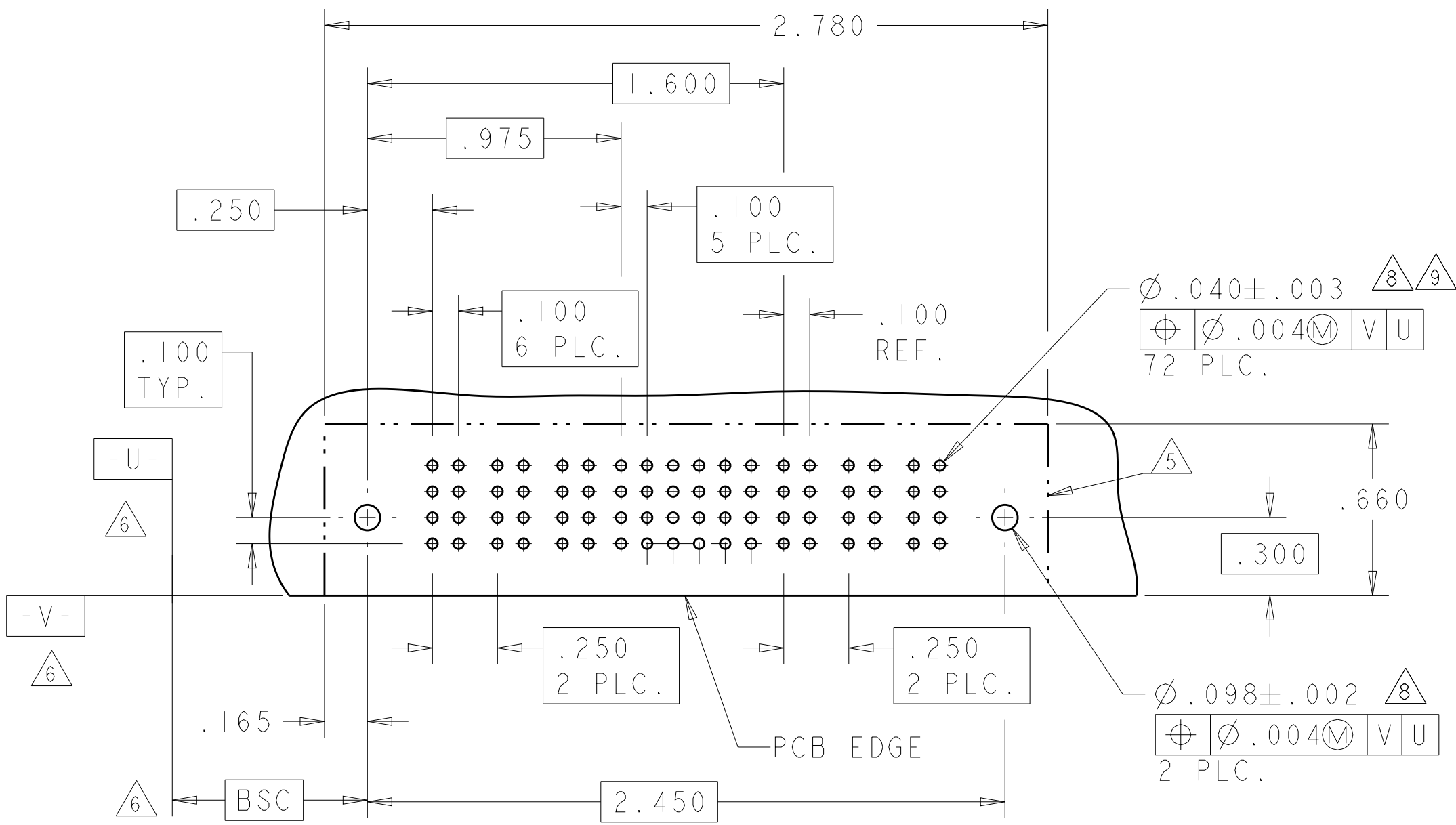


PART NUMBER	ROWS		POWER									SIGNAL								POWER				
			P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	7	8	P10	P11	P12	P13	
6450130-5	D C B A	HD	PM	PM		PM	PM	PM	PM	PM	J	J	J	J	J	E	E	E	PM	PM	PM	PM		
											K	K	K	K	K	K	K	K						
											N	N	N	N	N	N	N	N						
											S	S	S	S	S	S	S	S						
9P + 32S +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

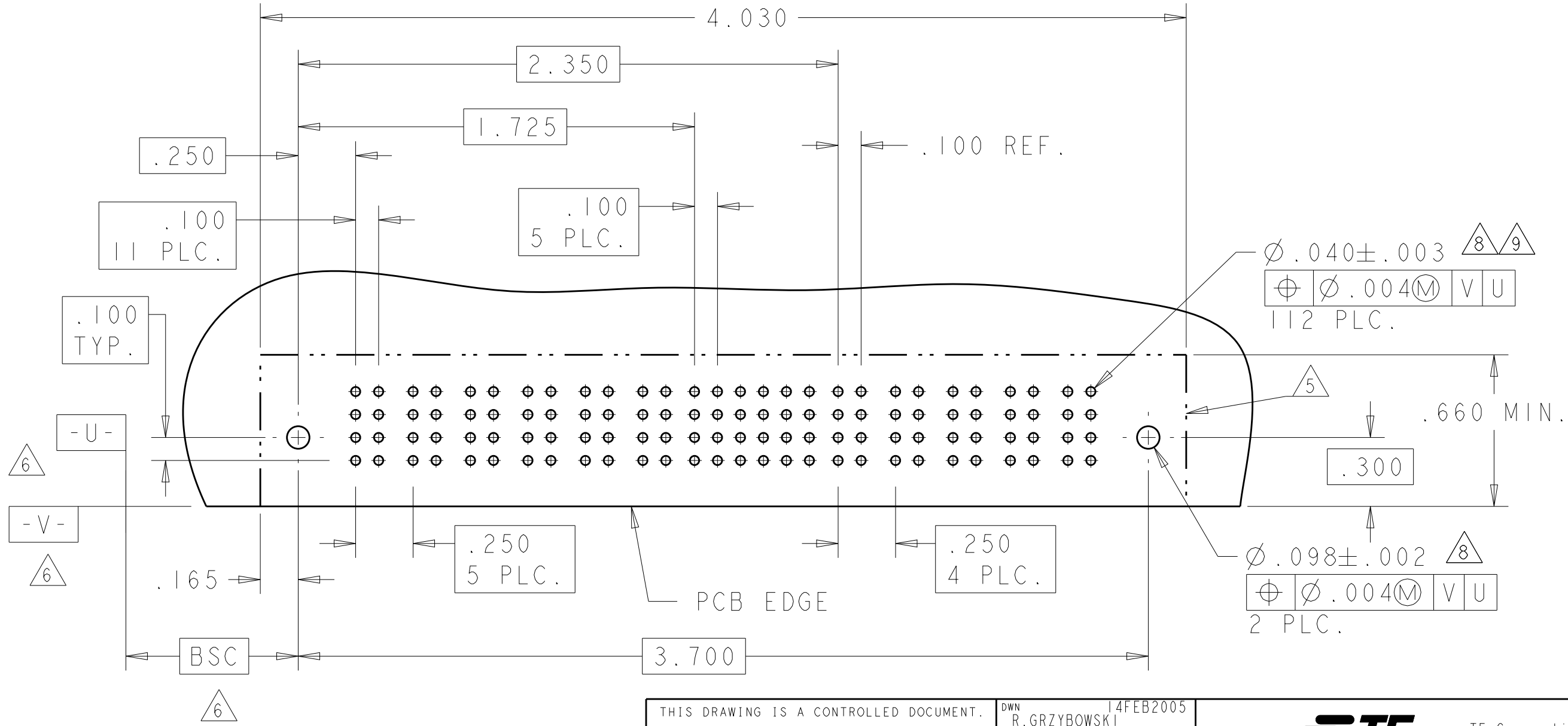


LOC	DIST	REVISIONS					
ES	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

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															

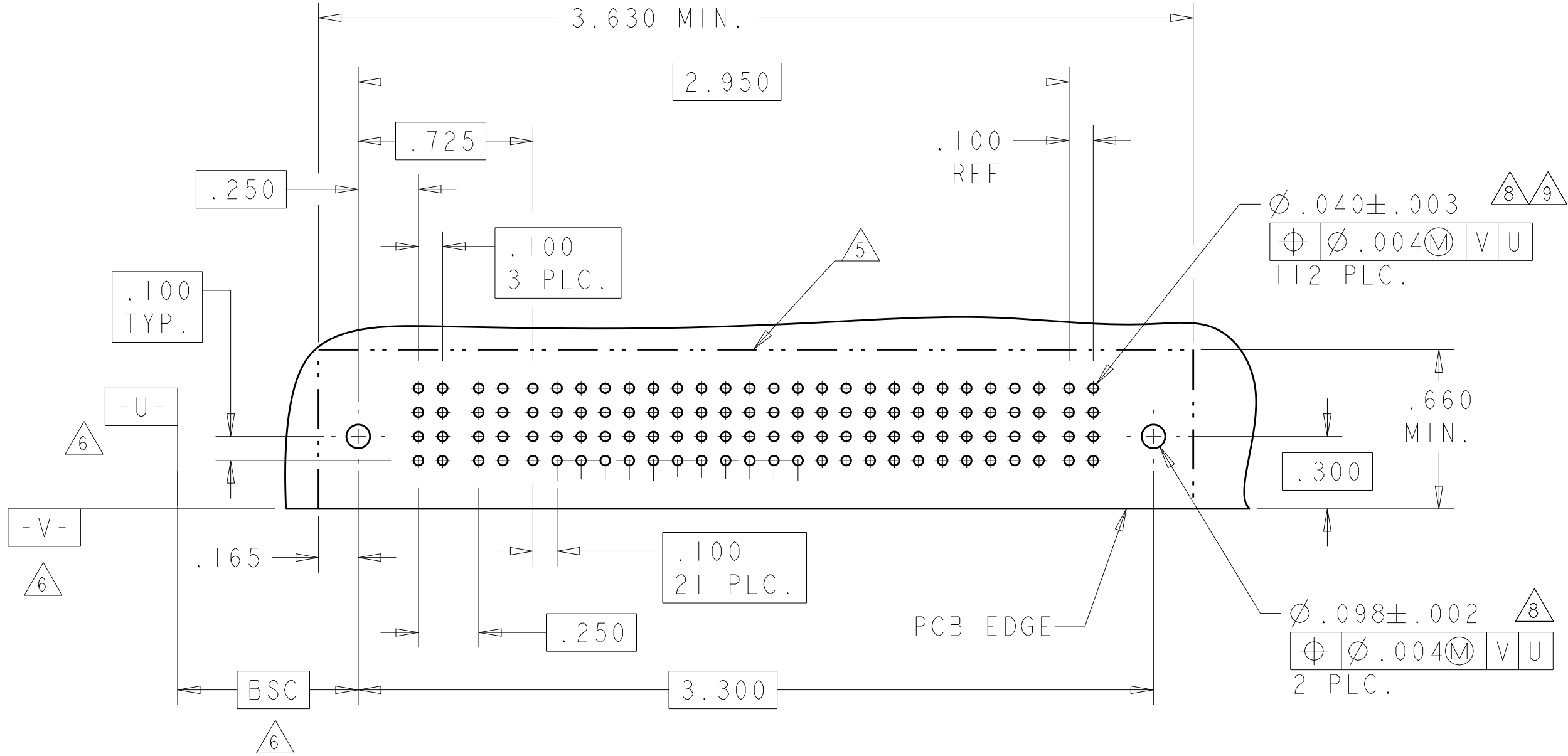


PART NUMBER	ROWS		POWER						SIGNAL						POWER					
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	P11	
6450130-7	D C B A	HD	PM	PM	PM	PM	PM	PM	J	J	J	J	E	J	PM	PM	PM	PM	PM	
									K	K	F	K	K	K						
									N	N	N	N	N	G						
									S	S	H	S	S	S						
6P + 24S + 5P																				

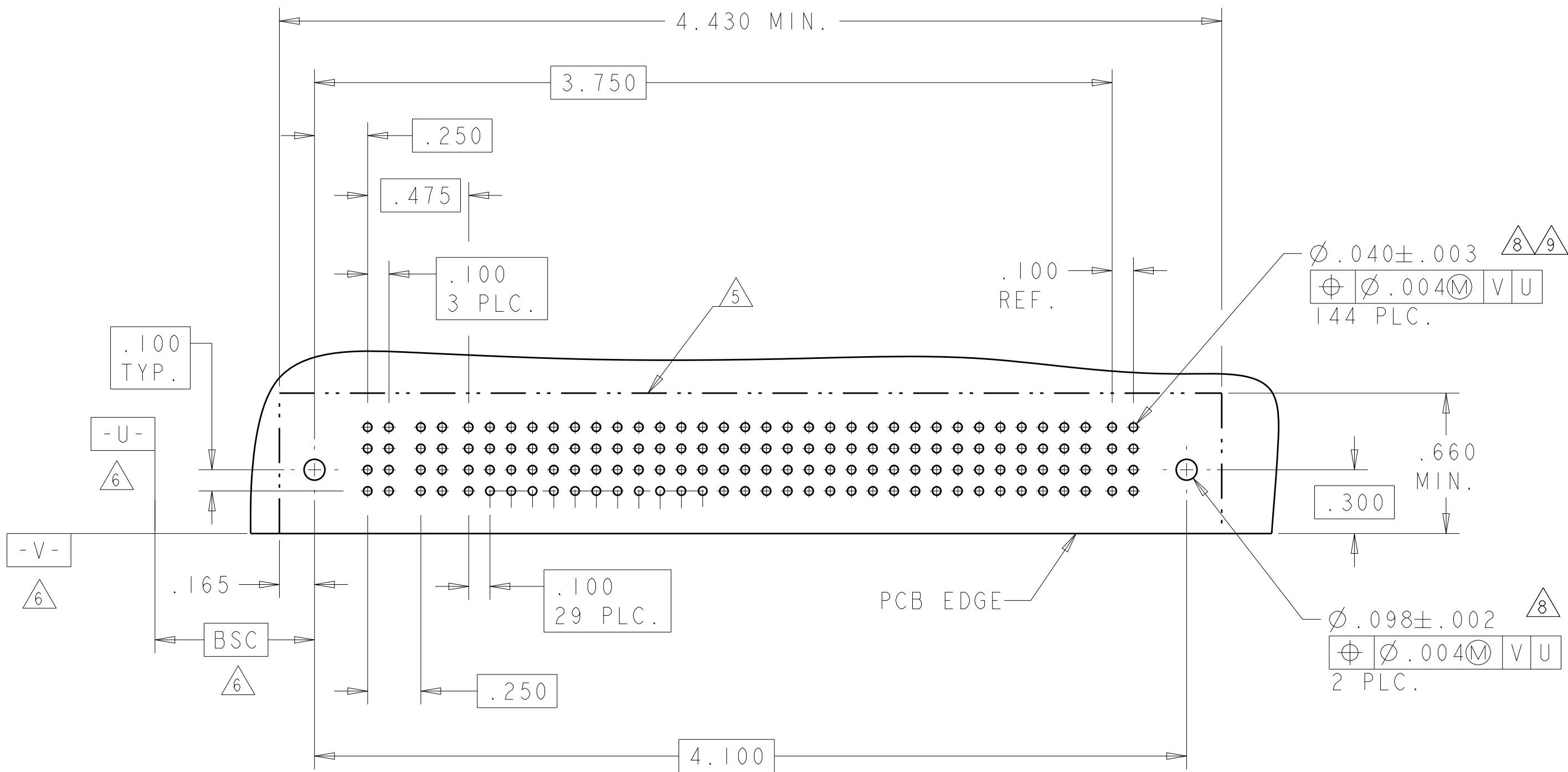


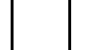
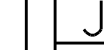
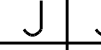
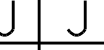
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	4FEB2005 4FEB2005 4FEB2005	TE Connectivity			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL			
		0 PLC ± 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002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

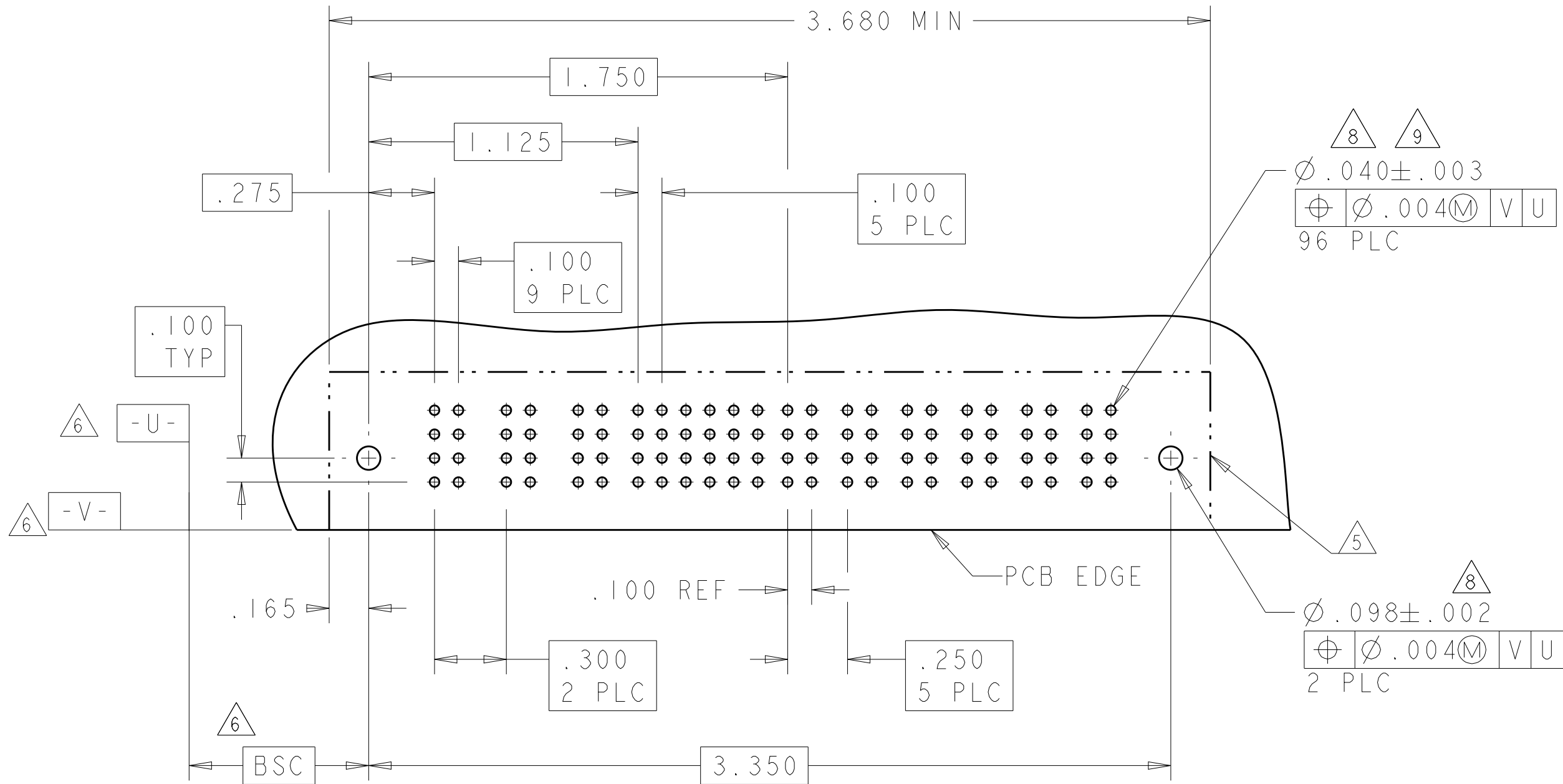
PART NUMBER	ROWS		POWER		SIGNAL																						POWER			
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	P3			
1-6450130-2	D C B A		PA	PA	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	PA			
					Y	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3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



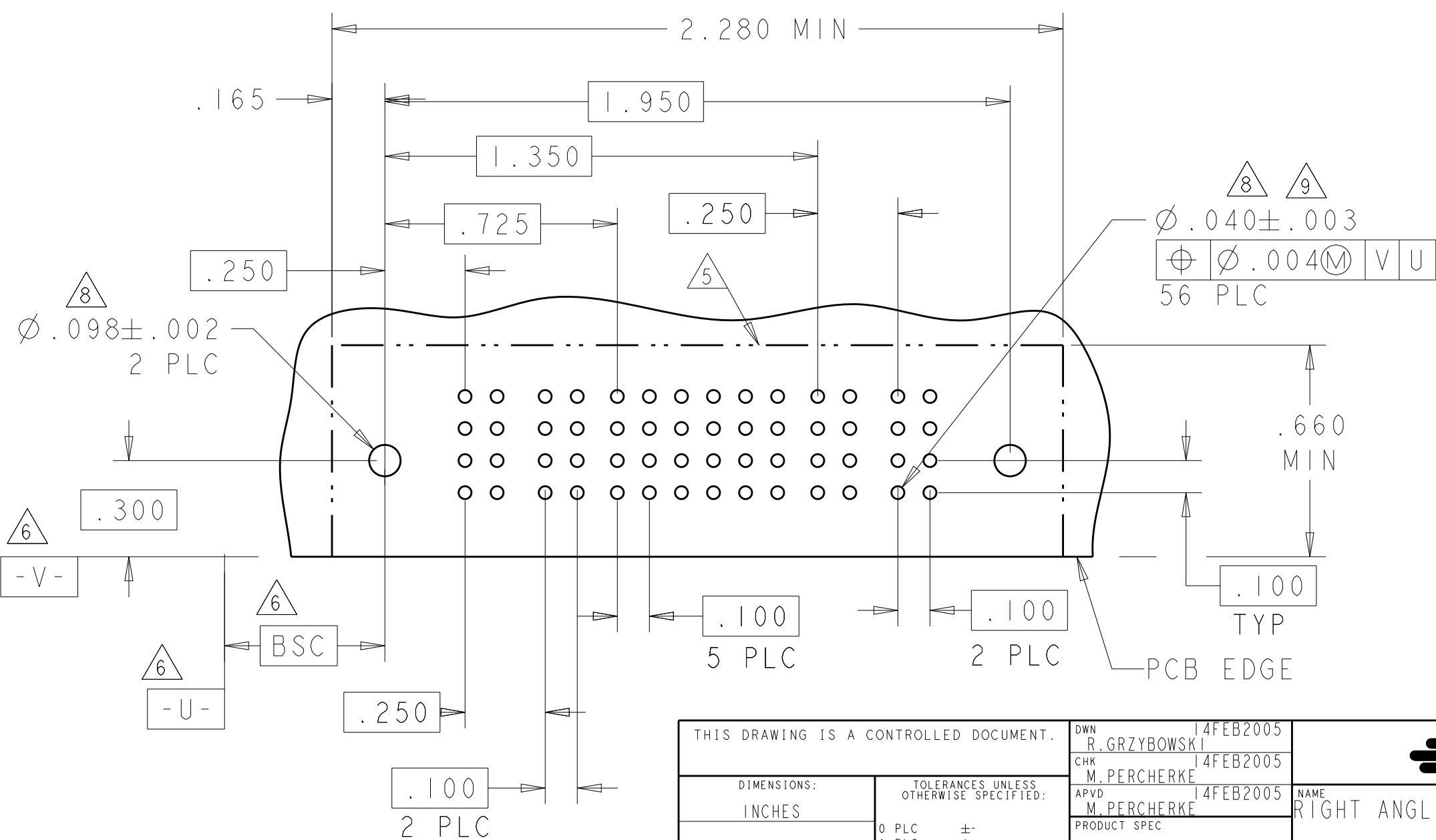
PART NUMBER	ROWS		POWER		SIGNAL																														POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			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	A1	O	PA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
2P + 120S + 1P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</



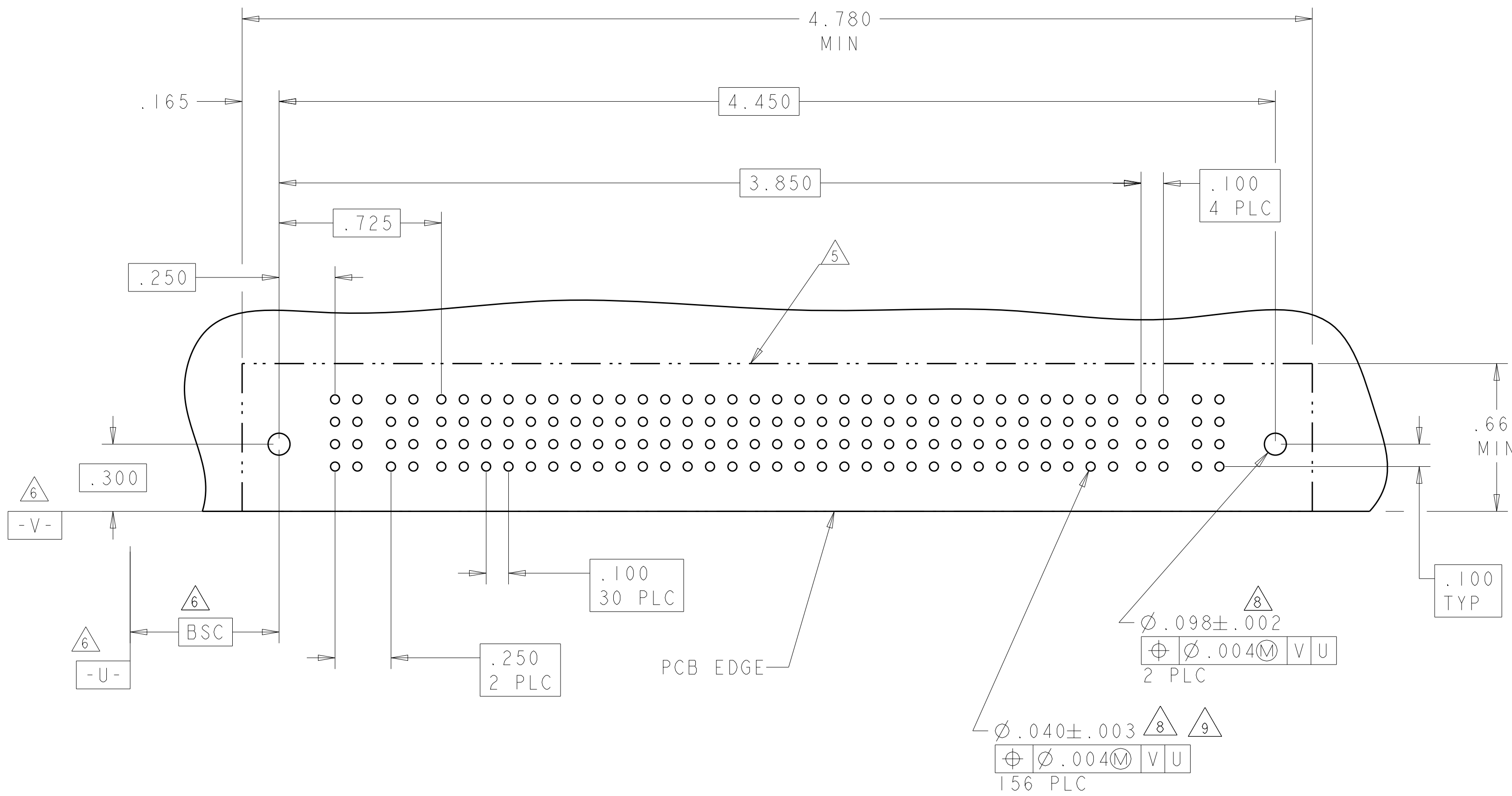
PART NUMBER	ROWS		POWER			SIGNAL						POWER						
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	P9	
1-6450130-4	D C B A				J	J	J	J	J	J								
					K	K	K	K	K	K								
					N	N	N	N	N	N								
					H	S	S	S	S	S								
3ACP + 24S + 6P																		



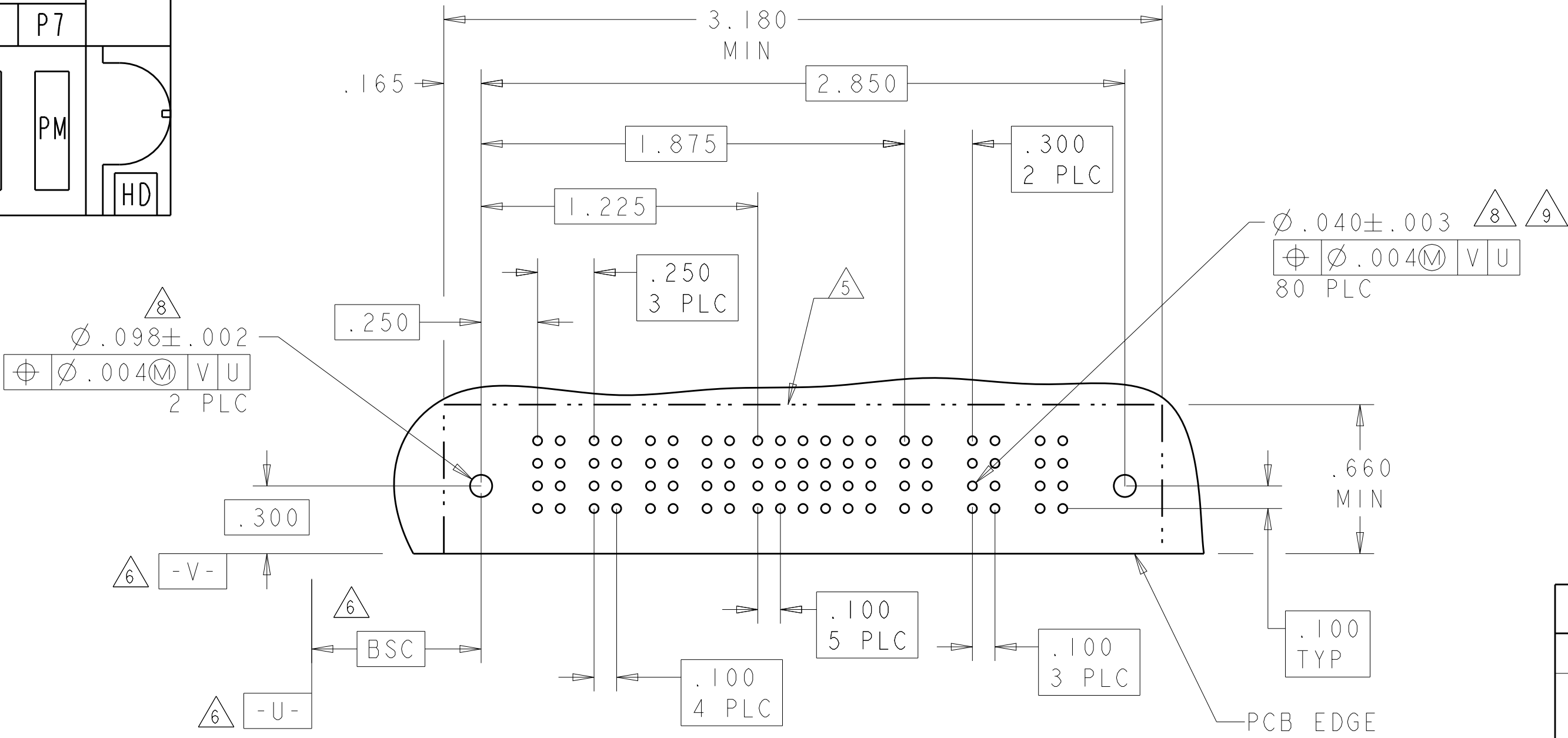
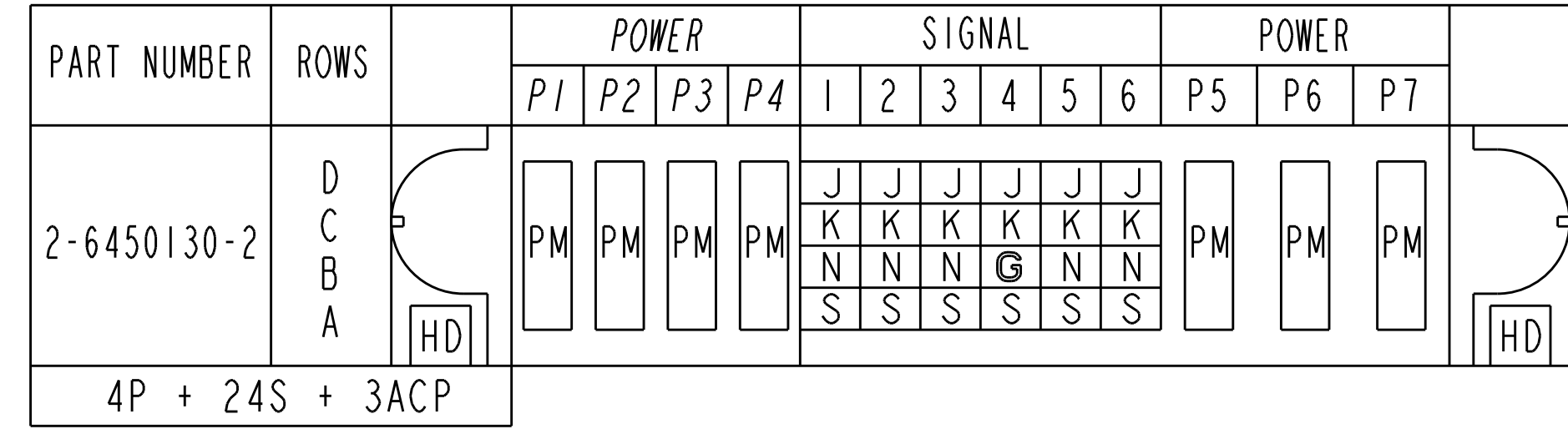
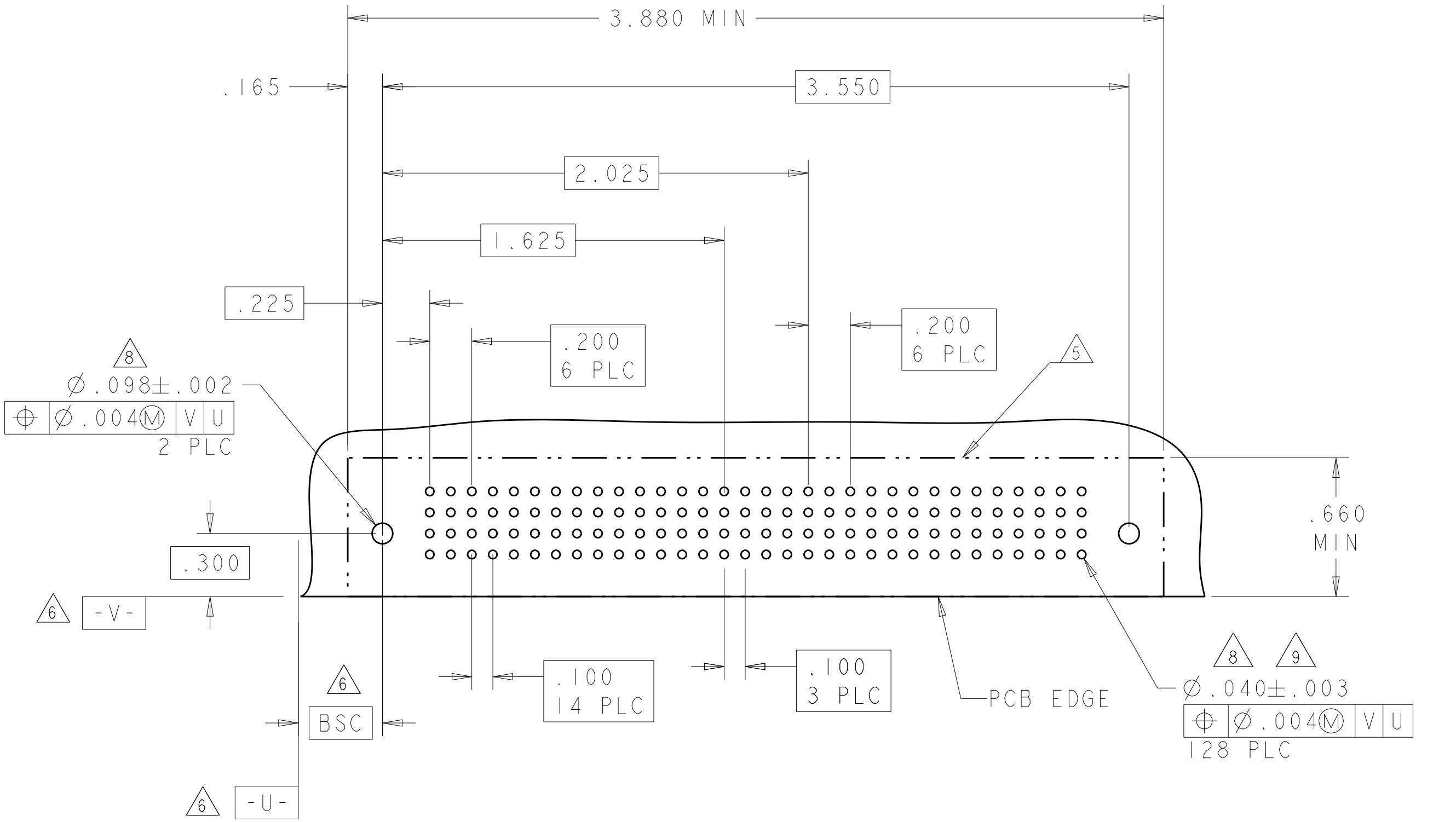
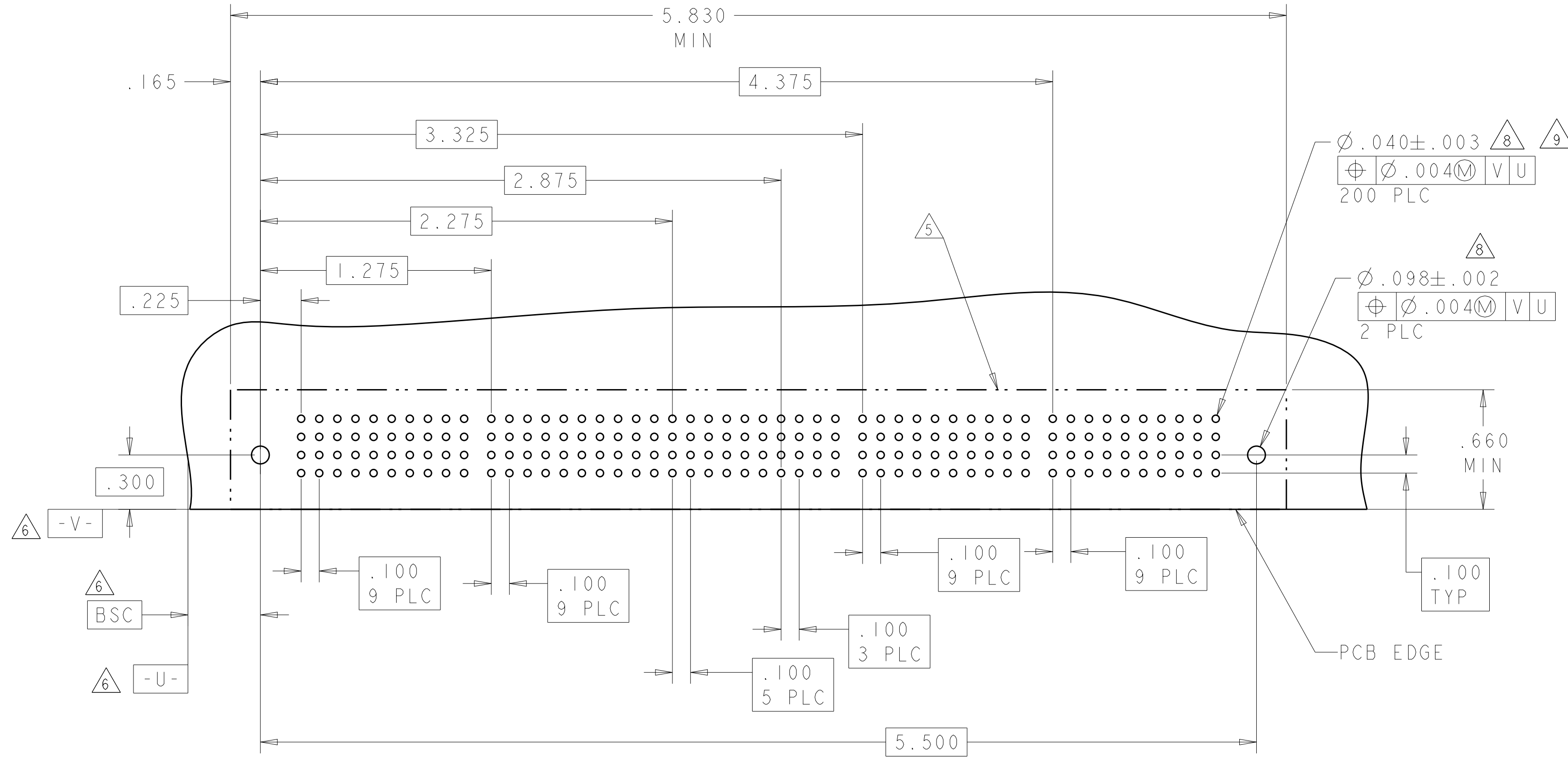
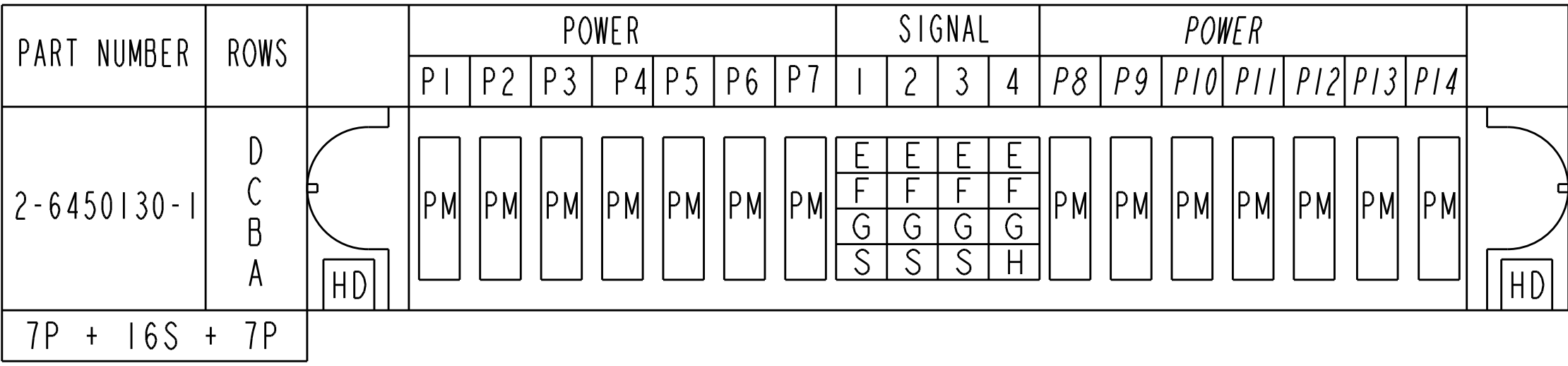
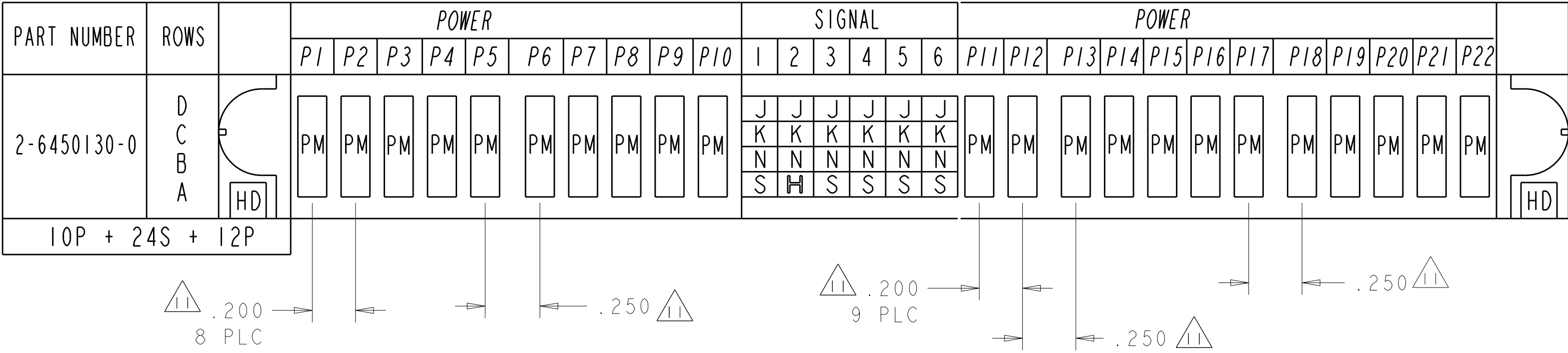
PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
1-6450130-7	D C B A				E	J	J	J	J	E			
					K	K	K	K	K	K			
					N	N	N	N	N	N			
					S	S	S	S	S	S			
2P + 24S + 2P													

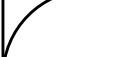


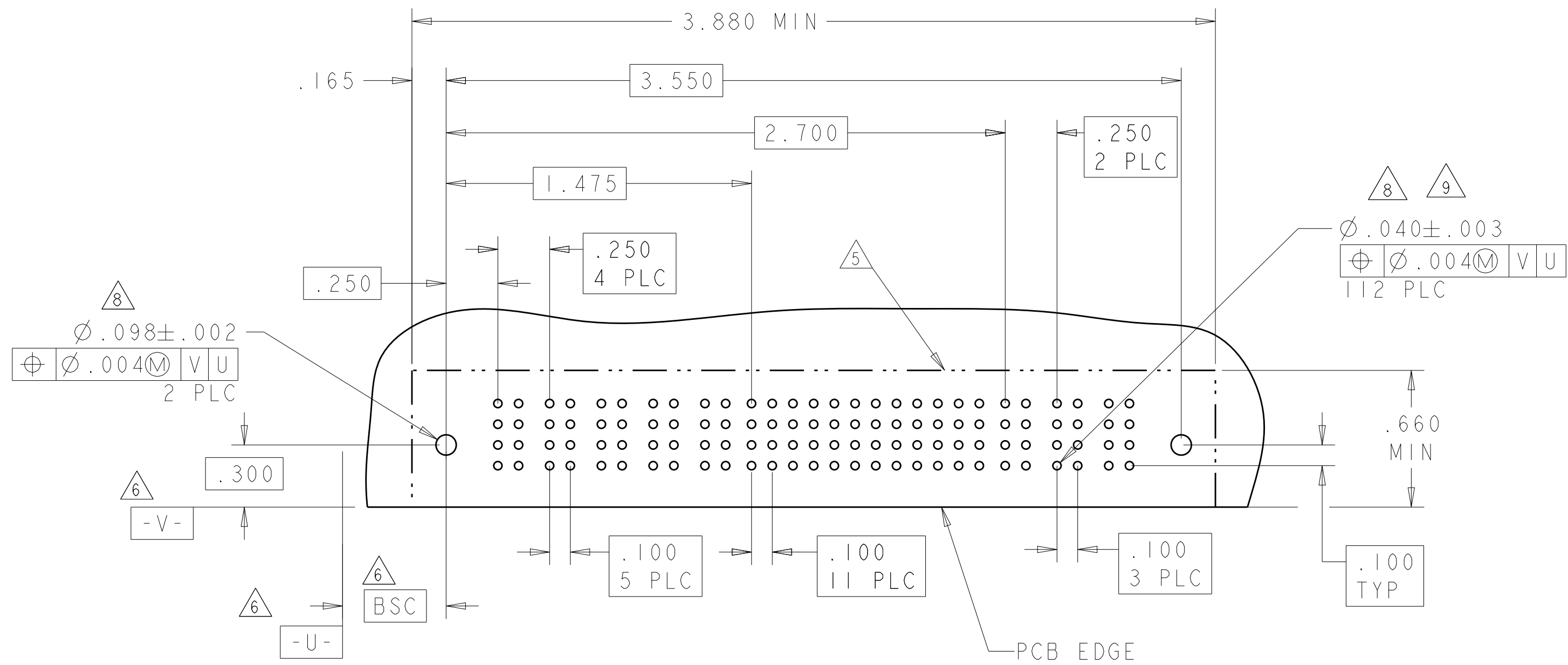
PART NUMBER	ROWS		POWER		SIGNAL																															POWER					
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	P3	P4				
1-6450130-9	D C B A		PA	PA	Z	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	Z	PA	PA	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

4805 (3/11)

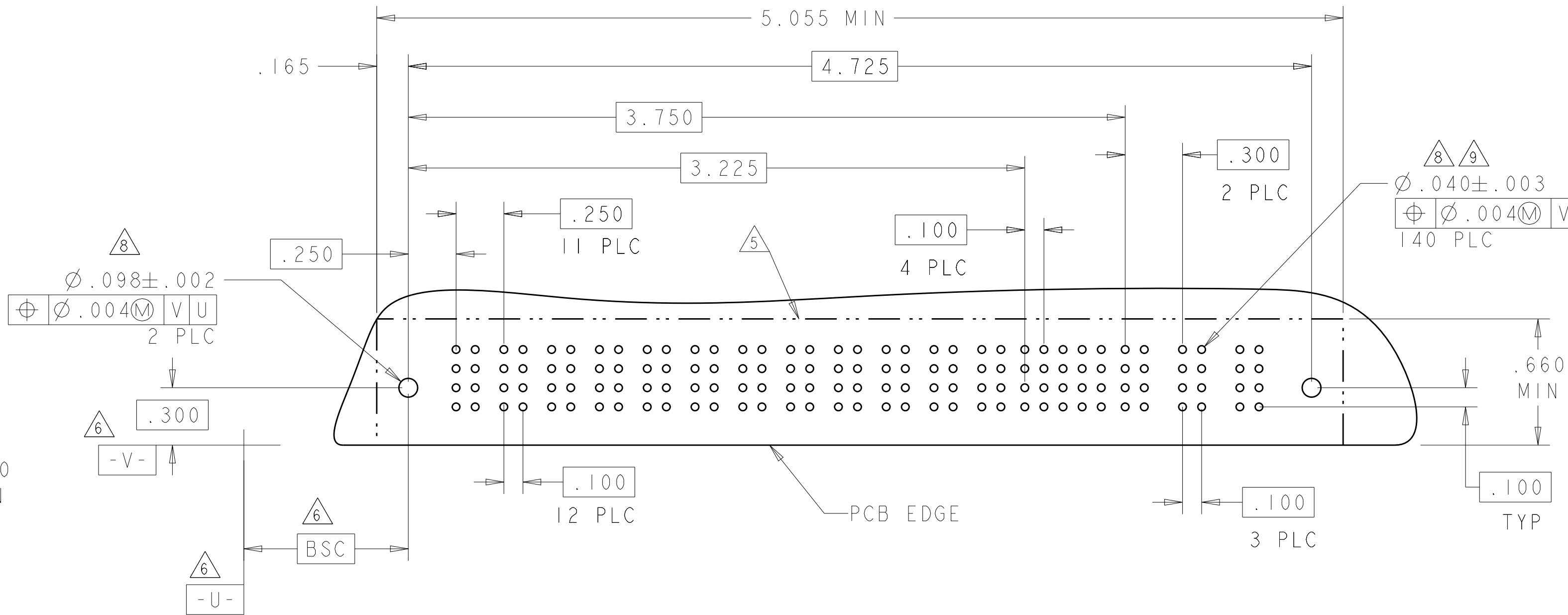
LOC	DIST	REVISIONS			
		P	LYR	DESCRIPTION	DATE
ES	00	-	-	SEE SHEET 1	-



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	
									N	N	N	N	N	N	N	N	N	N	N	N					N	N
									H	S	S	S	S	S	S	S	S	S	S	S					S	H
5P + 48S + 3P																										

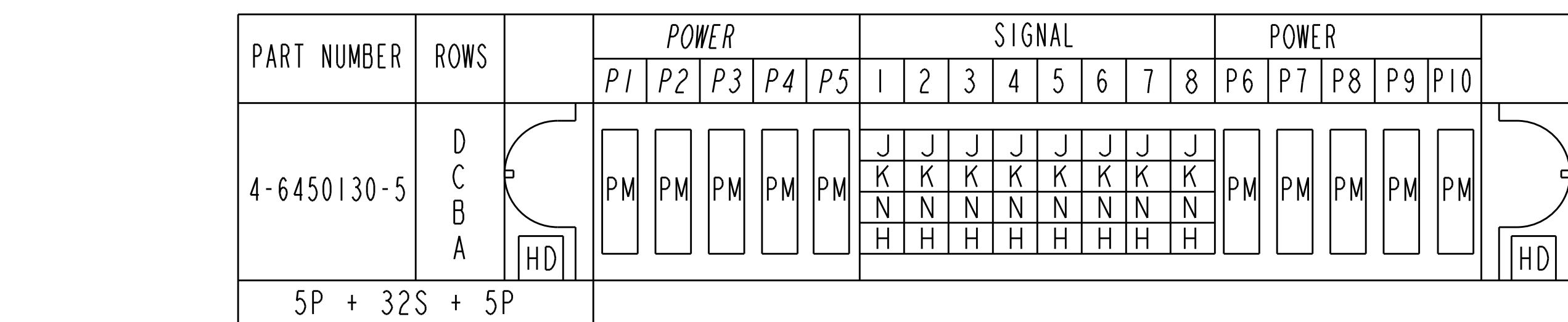
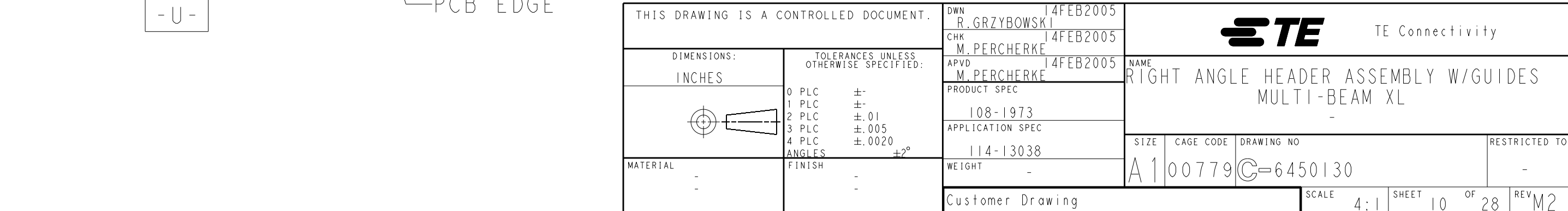


PART NUMBER	ROWS		POWER												SIGNAL					POWER				
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4	5	P13	P14	P15		
3-6450130-6	D C B A	 HD	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 PM	 E  K  N  H	 E  K  N  S	 J  F  N  H	 J  K  N  S				HD		
12P + 20S + 3ACP																								

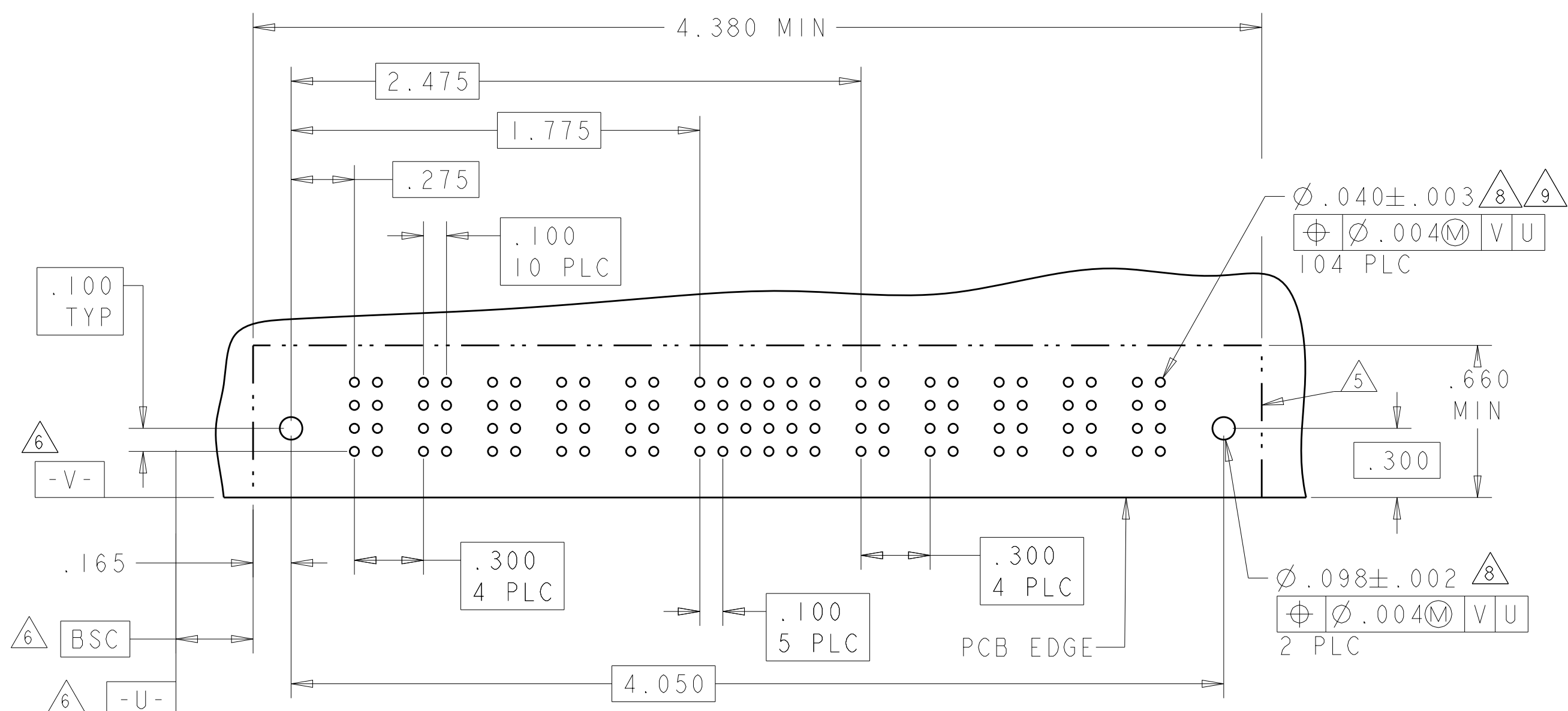
4805 (3/11)

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

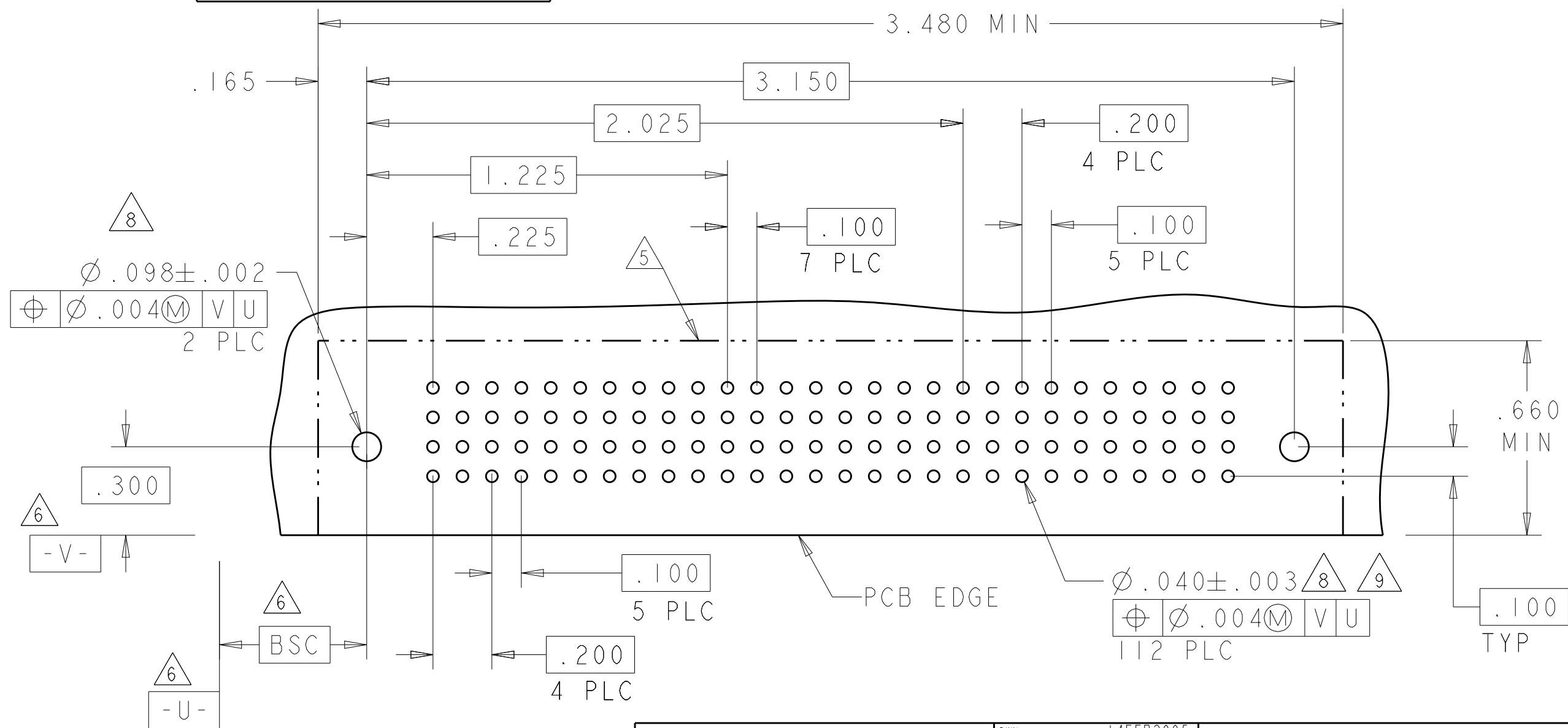
Top view of the PCB layout showing dimensions and component locations. The overall width is 2.480 MIN. Key dimensions include 2.150, 1.550, 1.225, .875, .250, .100, and .660 MIN. Component locations are marked with callouts: 6 (BSC), 3 PLC, 2 PLC, 5, 8, 9, and 8. The PCB EDGE is indicated. The layout includes a grid of 36 PLCC pins (8x9) and 2 PLCC pins (2x1).

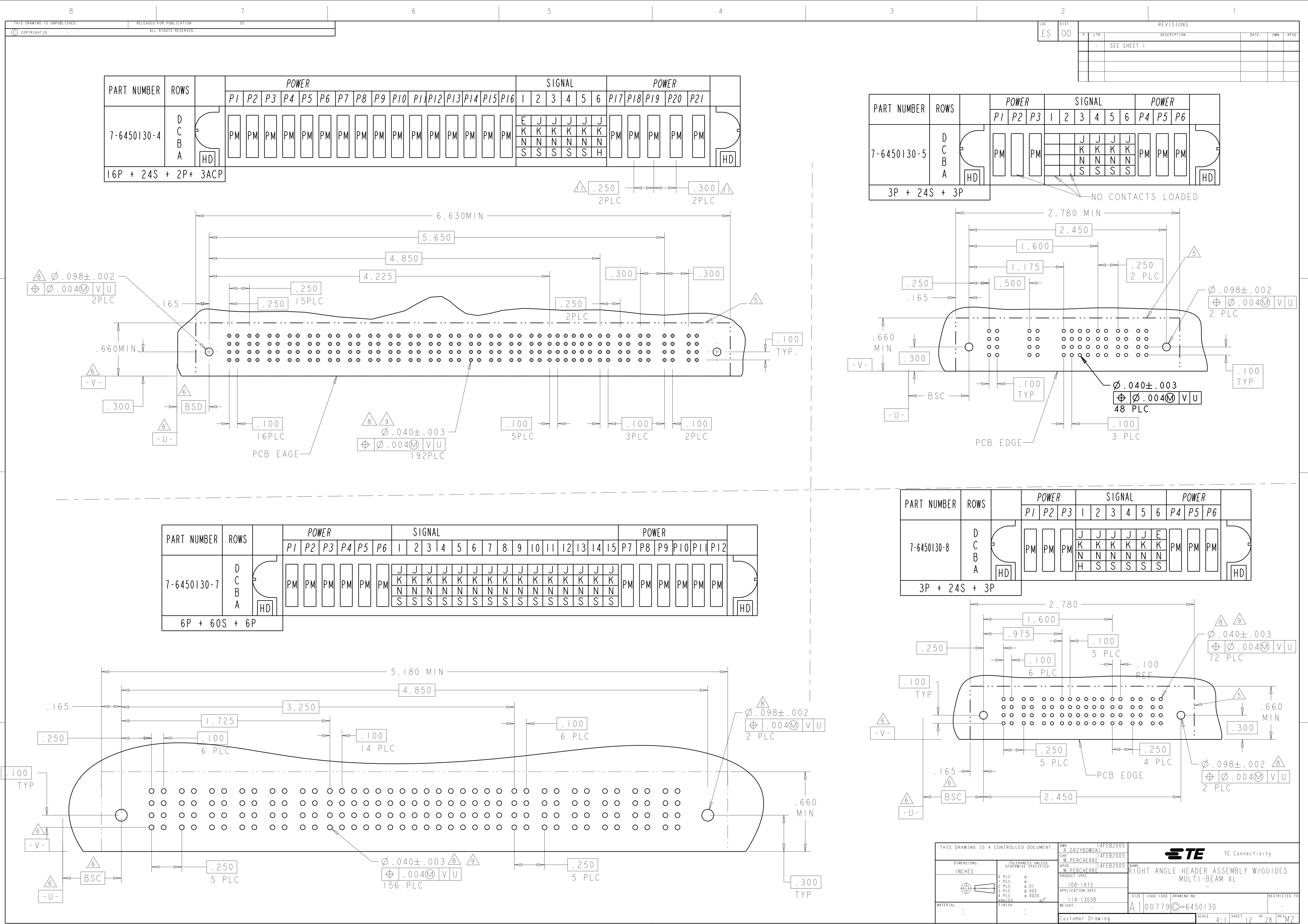
[illegible]

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 C B A																				
5P + 32S + 5P																					

4805 (3/11)



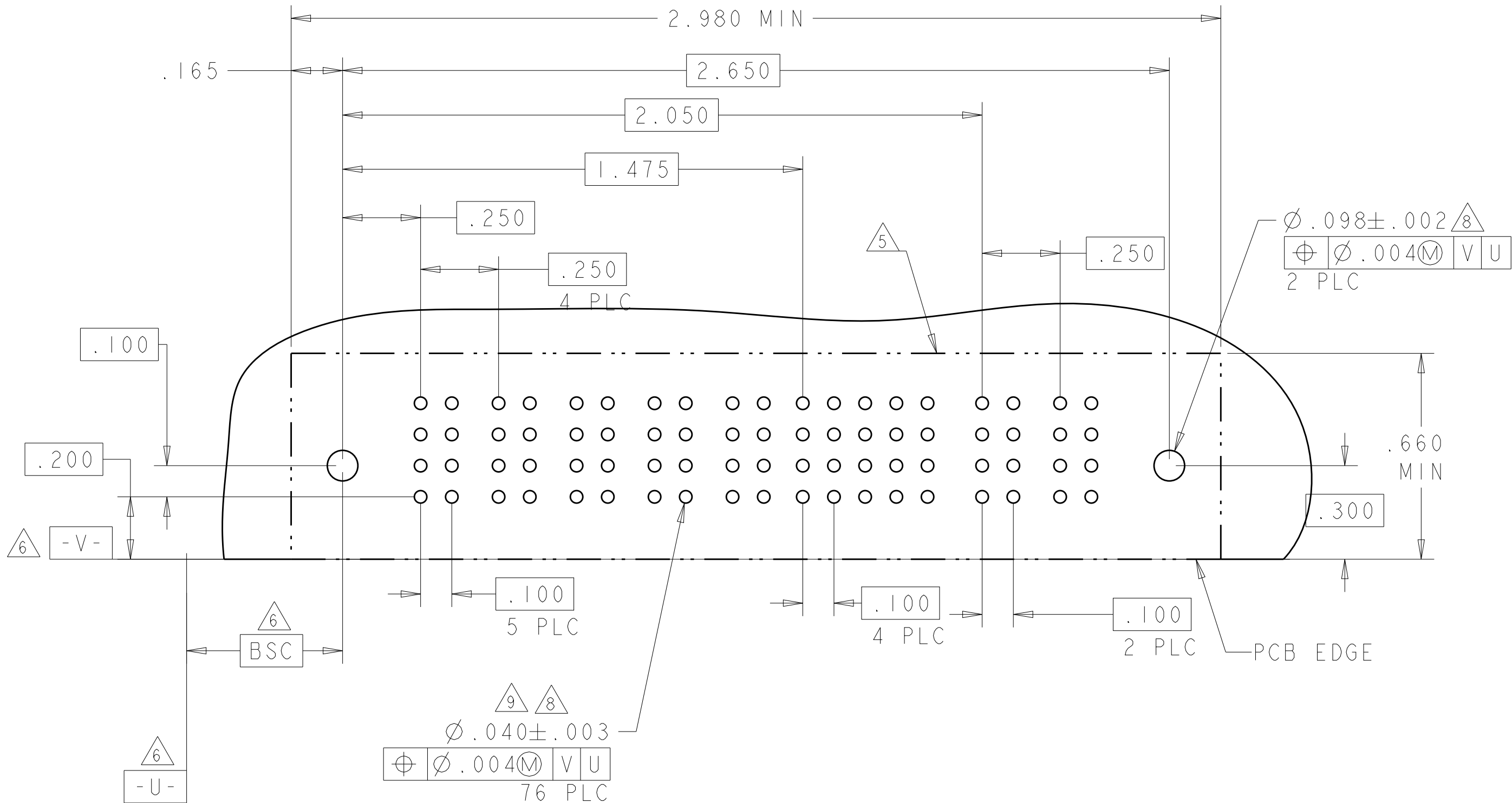
4805 (3/11)

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
FINISH

DWN: R. GRZYBOWSKI 4FEB2005
CHK: M. PERCHERKE 4FEB2005
APVD: M. PERCHERKE 4FEB2005
PRODUCT SPEC: 108-1973
APPLICATION SPEC: 114-13038
WEIGHT: -
Customer Drawing

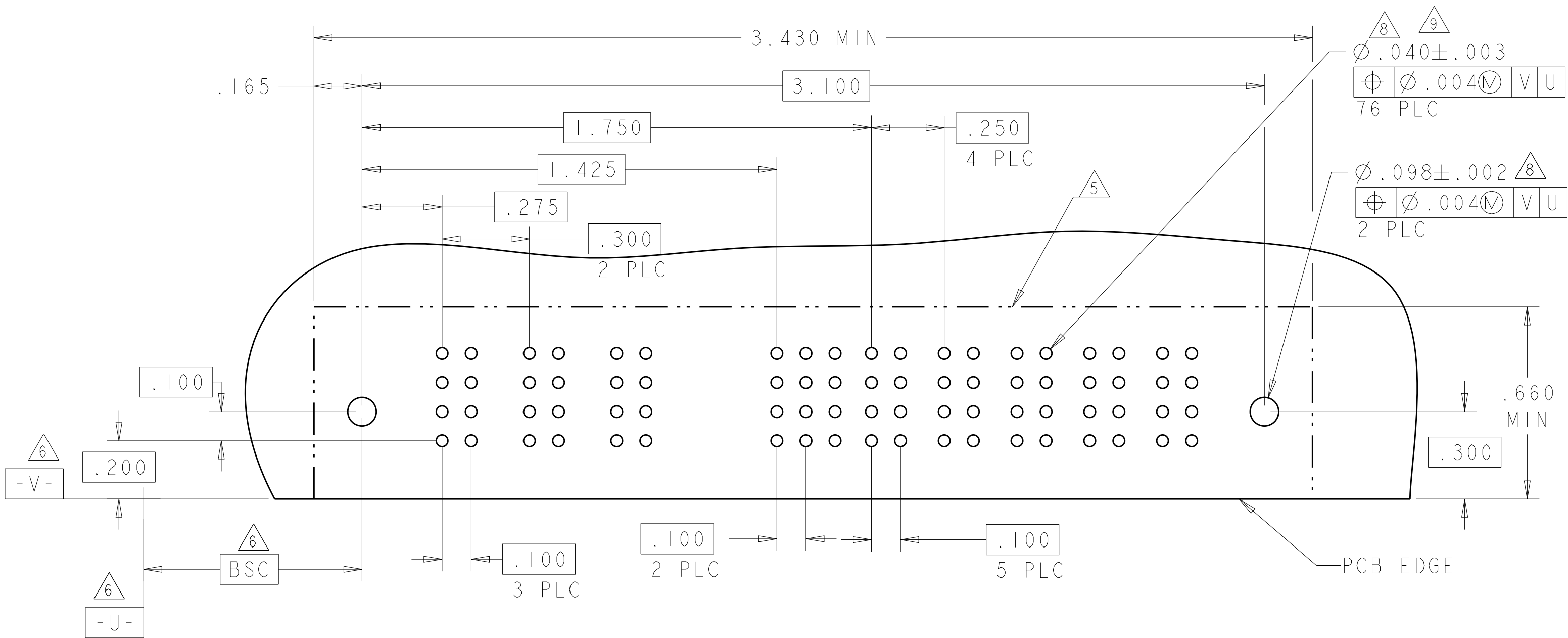
TE Connectivity
RIGHT ANGLE HEADER ASSEMBLY W/GUIDES
MULTI-BEAM XL
SIZE: A1
CAGE CODE: 100779
DRAWING NO: 6450130
RESTRICTED TO: -
SCALE: 4:1
SHEET: 12 OF 28
REV: M2

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

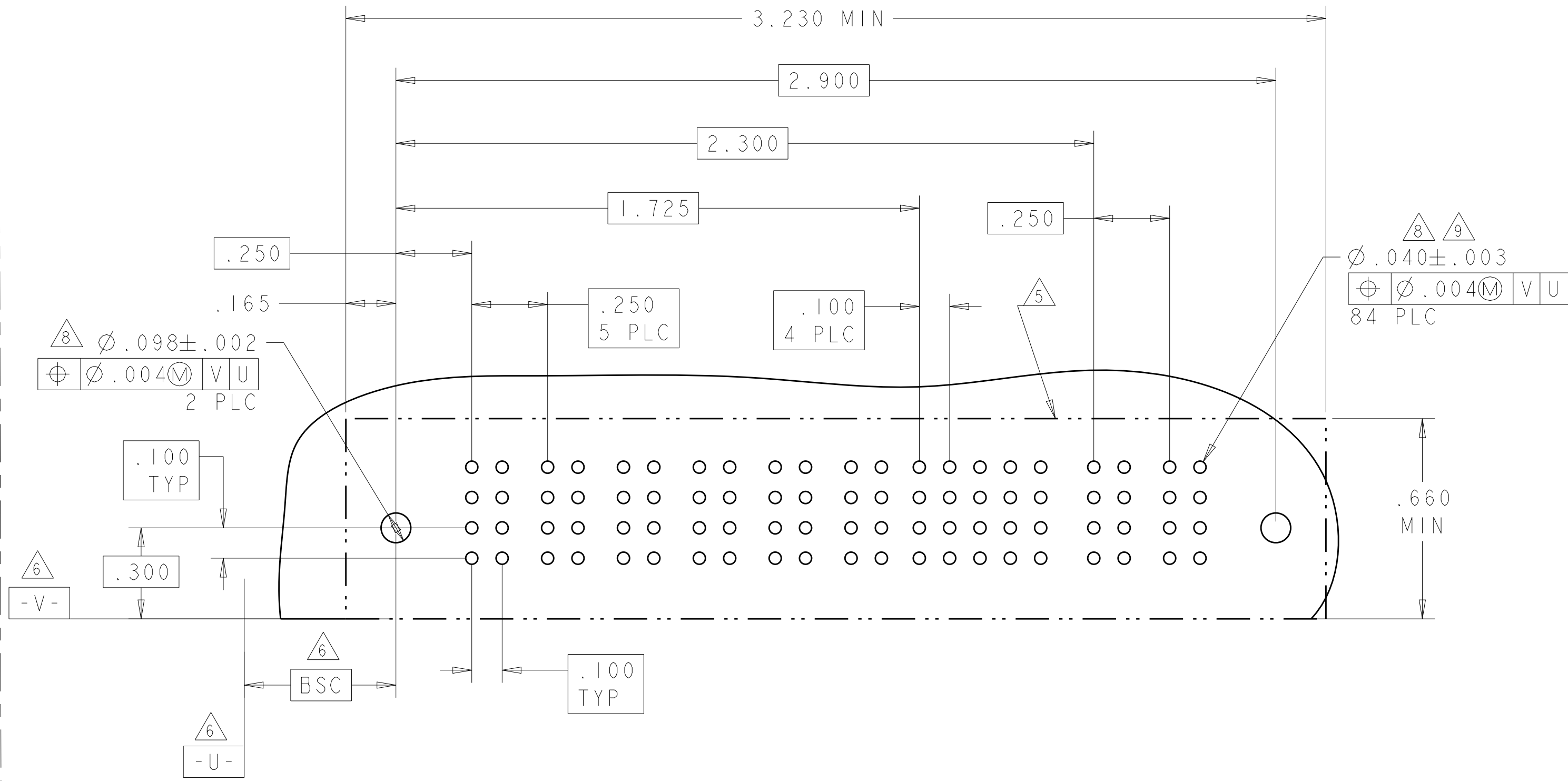


PART NUMBER	ROWS		POWER			SIGNAL						POWER					
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	
7-6450130-6	D		PM	PM	PM							PM	PM	PM	PM	PM	
	C																
	B																
	A																
3ACP + 24S + 5P			NO. CONTACTS LOADED														

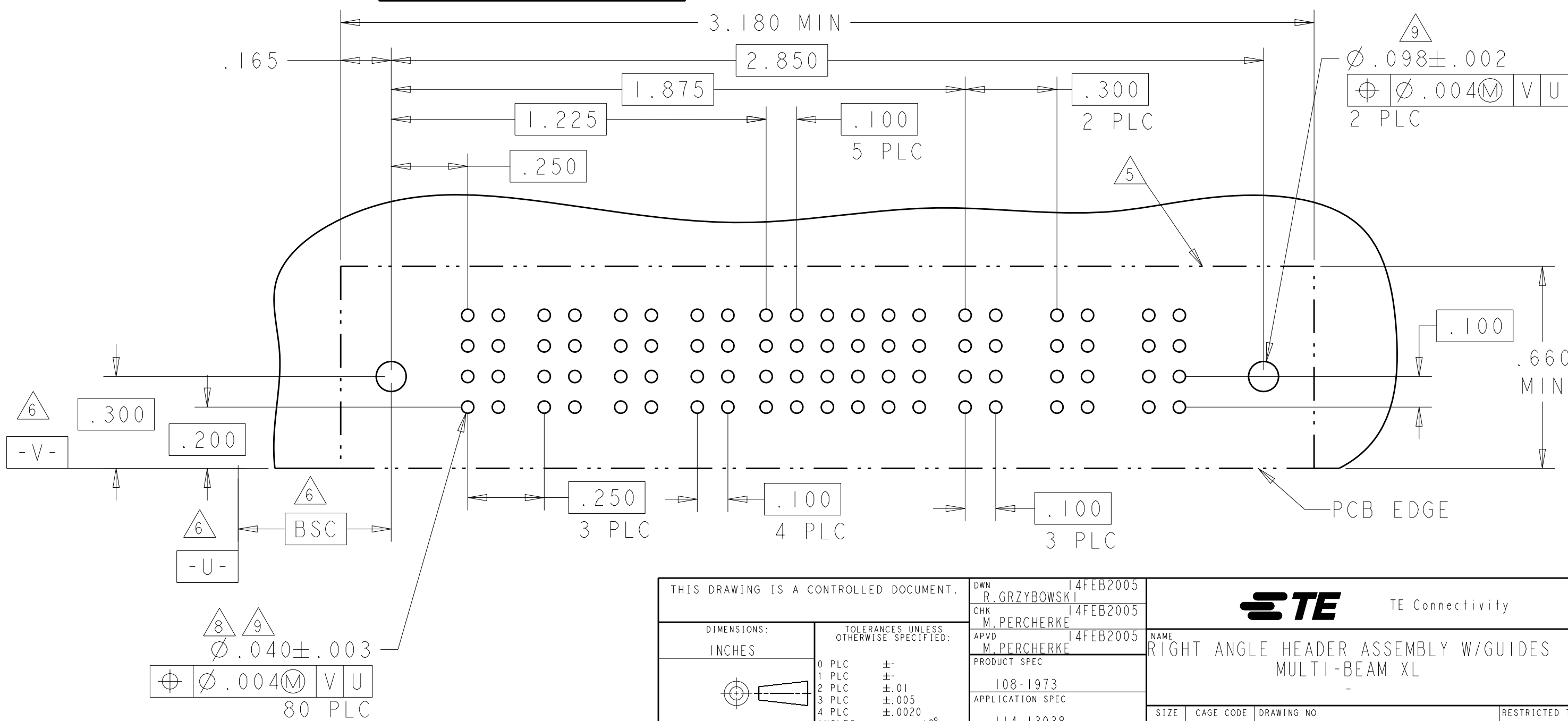
NO CONTACTS LOADER



PART NUMBER	ROWS		POWER						SIGNAL					POWER		
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	P7	P8	
8-6450130-0	D		PM	PM	PM	PM	PM	PM	J	J	J	J	J	PM	PM	
	C								K	K	K	K	K			
	B								N	G	N	N	N			
	A								S	S	S	S	S			
6P + 20S + 2P																



PART NUMBER	ROWS		POWER				SIGNAL						POWER			
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	
8-6450130-2	D		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																



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: -
Customer Drawing

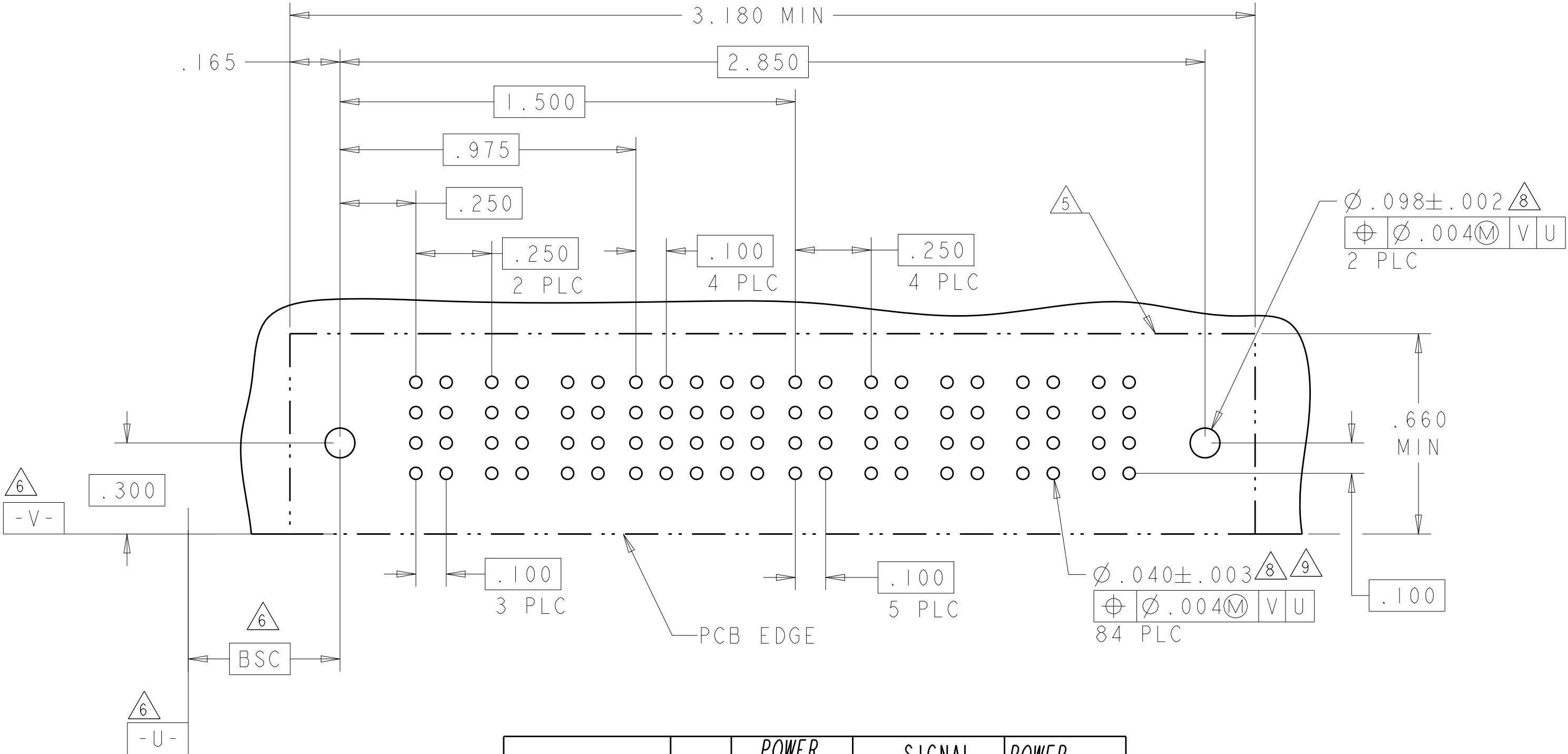
TE Connectivity

NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
SIZE: A1
CAGE CODE: 100779
DRAWING NO: C=6450130
RESTRICTED TO: -
SCALE: 4:1
SHEET: 13 OF 28
REV: M2

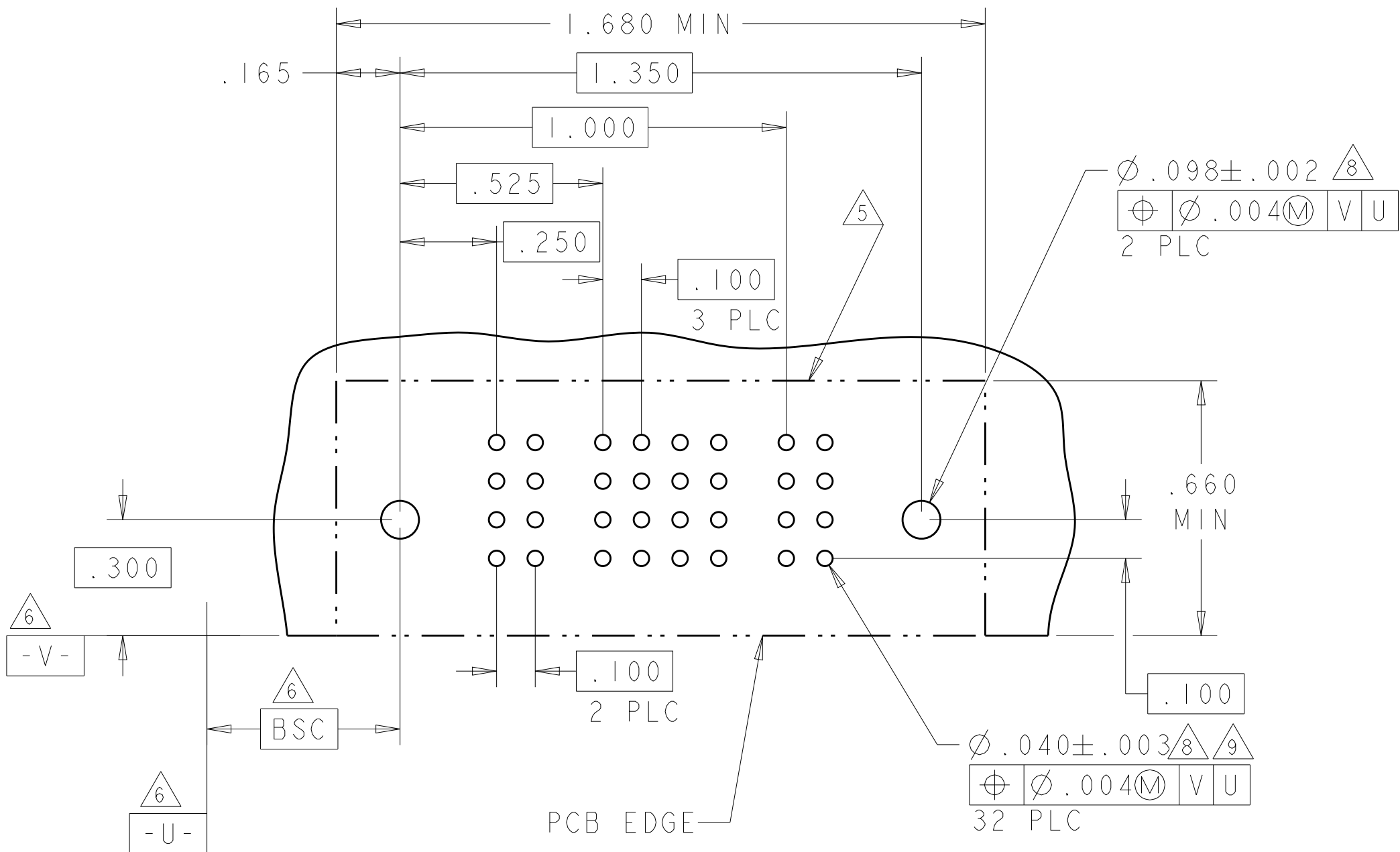
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER			SIGNAL					POWER					
			P1	P2	P3	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						S	S	S		H						

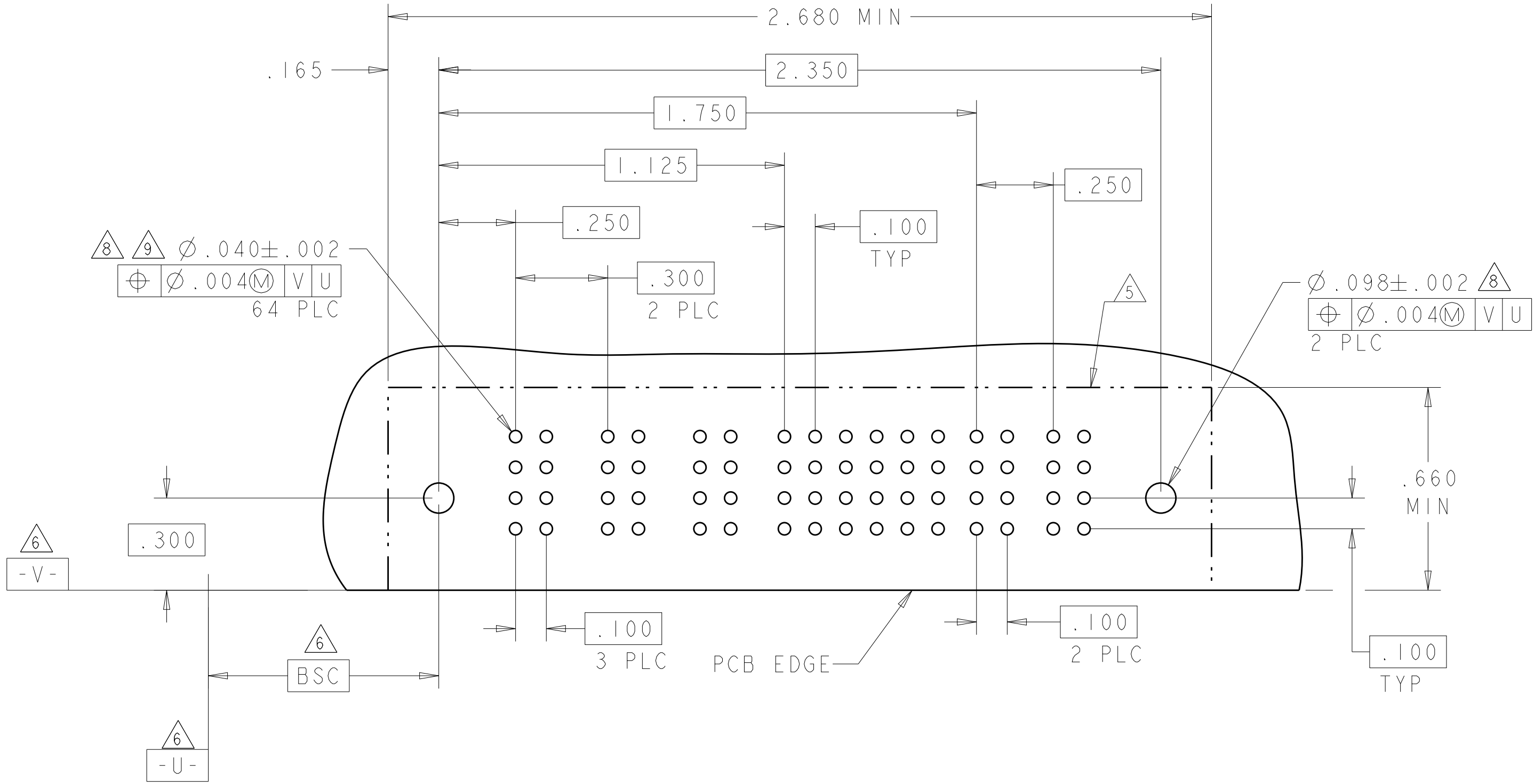
NO CONTACTS LOADED



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



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	J	J	E	J	J	J	PM	PM	
						K	K	K	K	K	K			
						N	N	G	N	N	N			
3ACP + 24S + 2P						S	S	S	S	S	S			



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

Customer Drawing

SCALE 4:1

SHEET 14 OF 28

REV M2

TE Connectivity

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

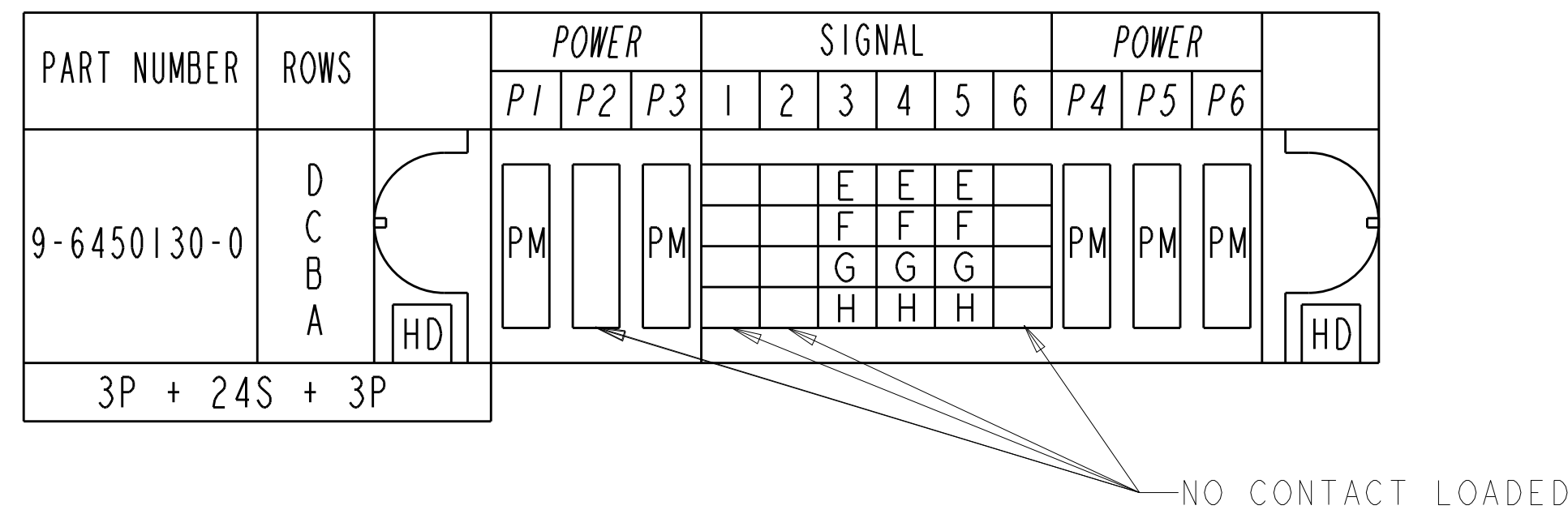
SIZE: A1

CAGE CODE: 100779

DRAWING NO: 6450130

RESTRICTED TO: -

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



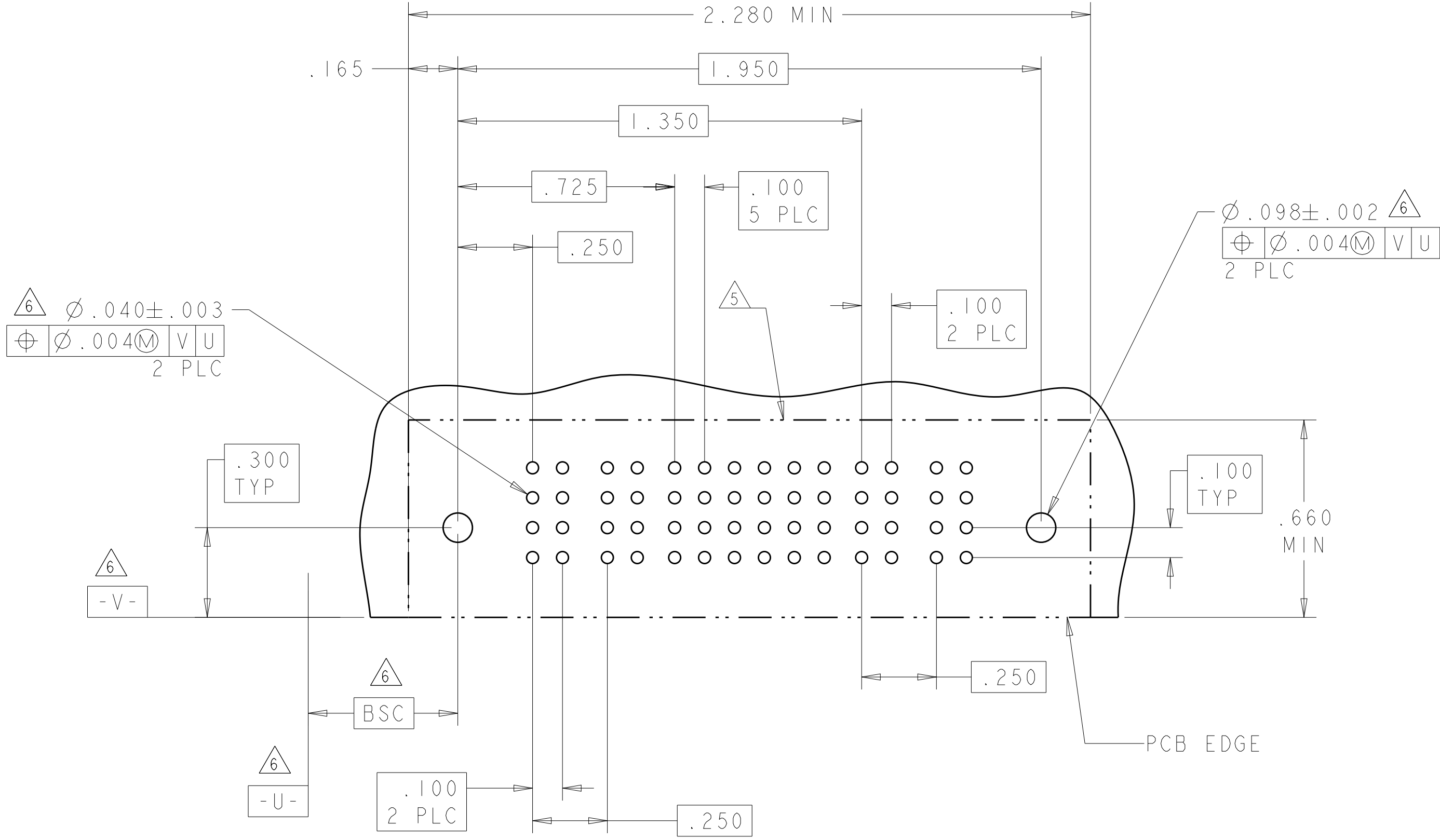
This mechanical drawing illustrates the dimensions and tolerances for a PCB layout. The overall width is 2.780 MIN. The layout includes several circular features with diameters of 0.098 ± 0.002 and 0.040 ± 0.003. The drawing also shows various material specifications and tolerances, such as 2 PLC, 52 PLC, 3 PLC, and 5. The layout is defined by a PCB EDGE and includes a BSC (Basic Size) dimension of 0.300. The drawing is labeled with dimensions in inches and includes a note for the PCB EDGE.

Key dimensions and tolerances shown in the drawing include:

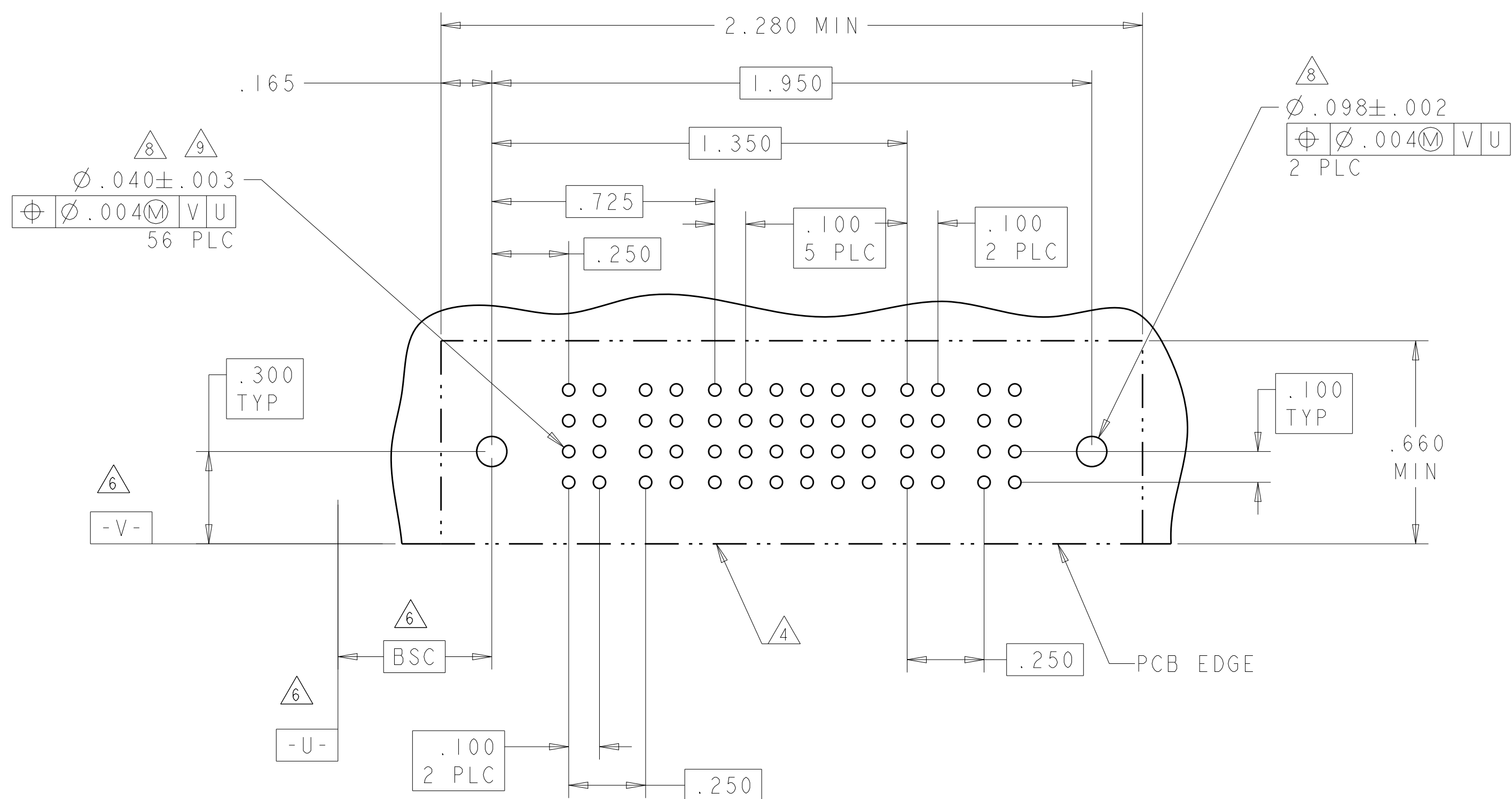
- Overall width: 2.780 MIN
- Top edge dimensions: 2.450, 1.600, 1.175, 0.750, 0.250, 0.250
- Bottom edge dimensions: 0.300, 0.100, 0.100, 0.100, 0.100
- Vertical dimensions: 0.165, 0.660 MIN
- Material specifications: 2 PLC, 52 PLC, 3 PLC, 5
- Material tolerances: 0.098 ± 0.002, 0.040 ± 0.003
- Material grades: 6, 7, 8
- Material types: -V-, -U-, BSC
- Material edge: PCB EDGE

4805 (3/11)

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	
	K				K	K	K	K	F				
	N				N	N	N	N	N				
	S				S	S	S	S	S				
2P + 24S + 2P													

4805 (3/11)

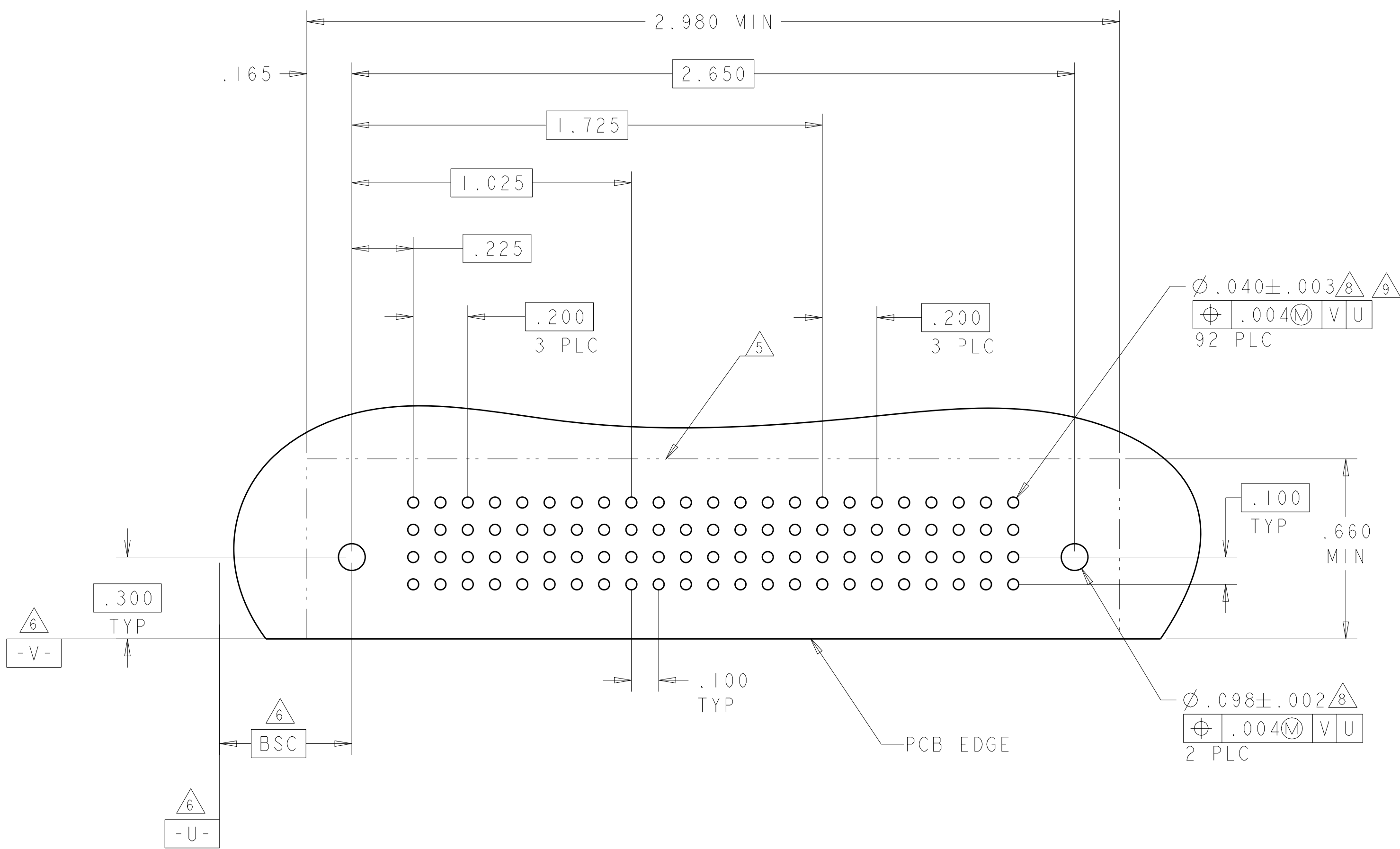
PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
6-6450130-7	D C B A	 			 J K N S	 J K N S	 J K N S	 J K G S	 J K N S	 J K N S			 
2P + 24S + 2P													



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	

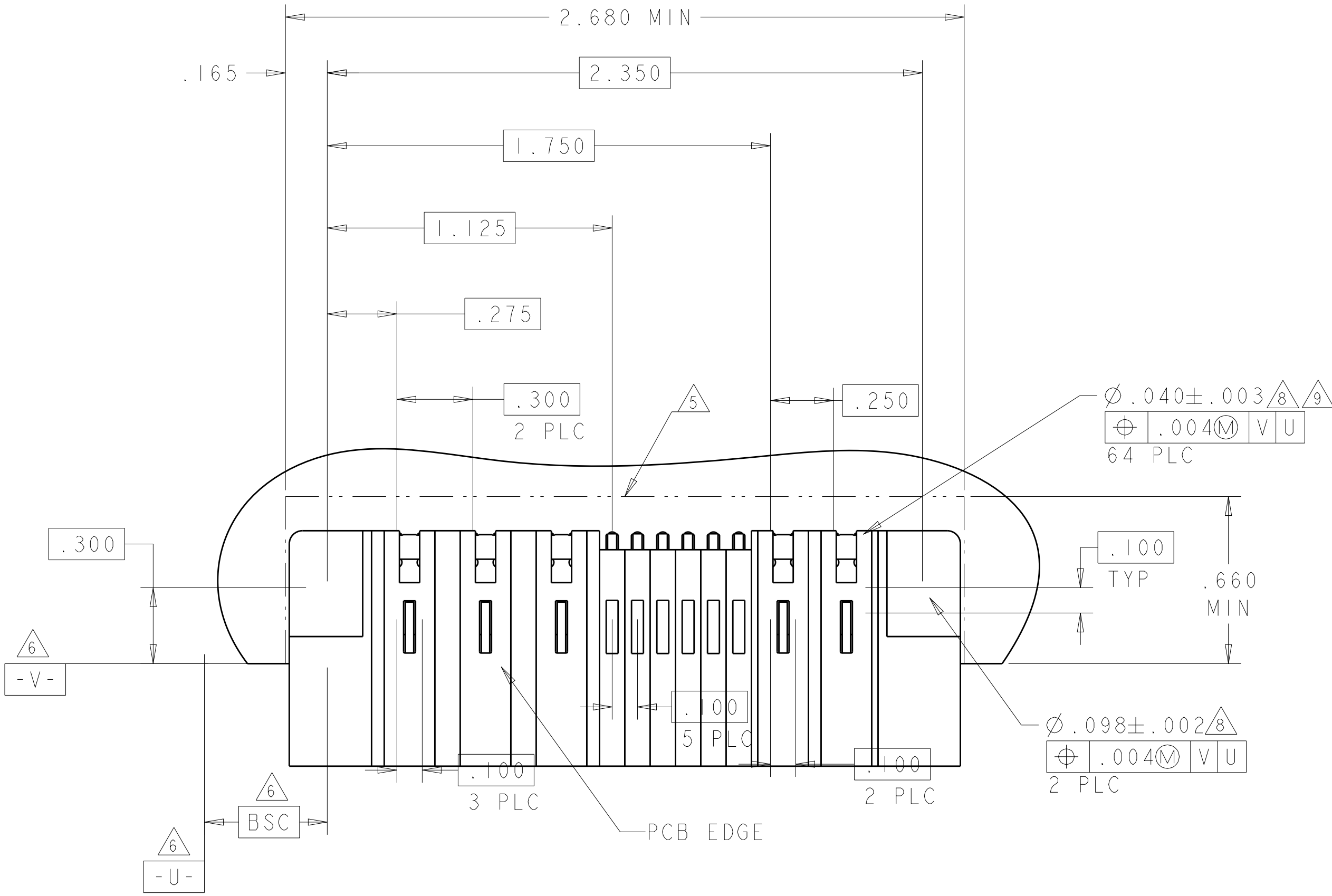
LAYOUT OF PART 8-6450130-8 IS SAME AS 6-6450130-7.

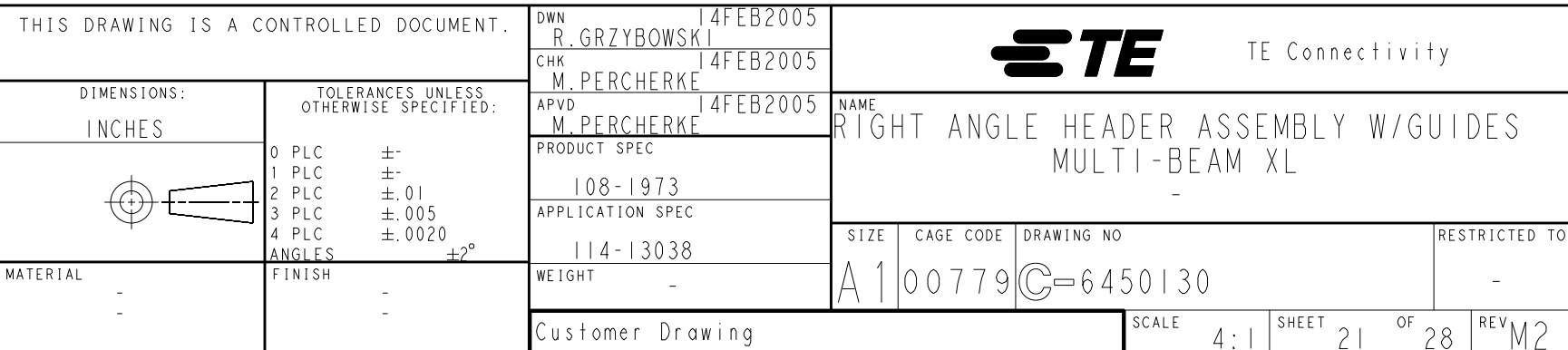
PART NUMBER	ROWS		POWER				SIGNAL							POWER				
			P1	P2	P3	P4	1	2	3	4	5	6	7	P5	P6	P7	P8	
2-6450130-4	D		PA	PA	PA	PA	A4	A4	A4	A4	A4	A4	A4	PA	PA	PA	PA	
	C						A3	A3	A3	A3	A3	A3	A3					
	B						A2	A2	A2	A2	A2	A2	A2					
	A	A1					A1	A1	A1	A1	A1	A1	HD					
4HDP + 28S + 4HDP																		

4805 (3/11)

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

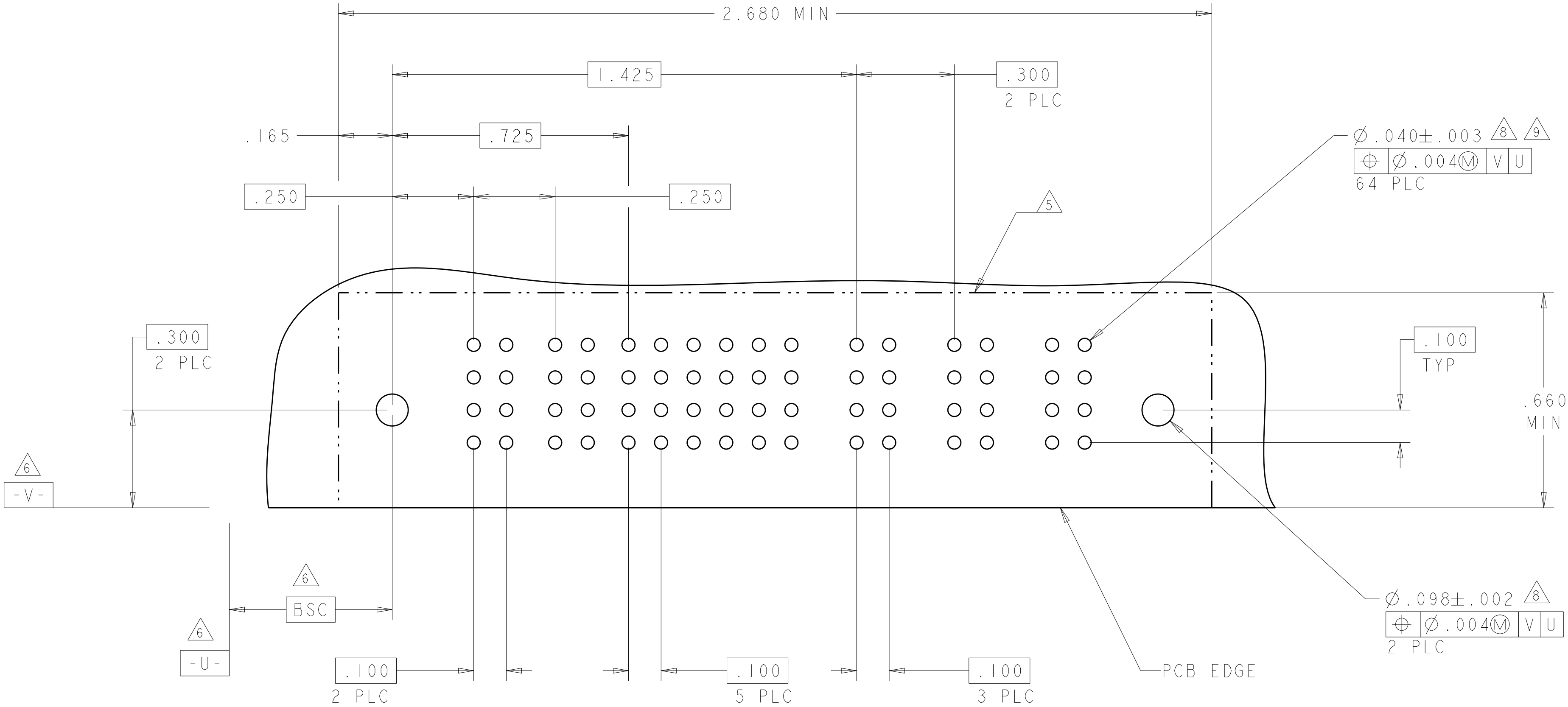
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			P1	P2	P3	1	2	3	4	5	6	P4	P5	
2-6450130-6	D		PM	PM	PM	J	J	J	J	J	J	PM	PM	
	C					K	K	K	K	K	K			
	B					N	N	N	N	N	N			
	A					S	S	S	S	S	S			
3ACP + 24S + 2P														





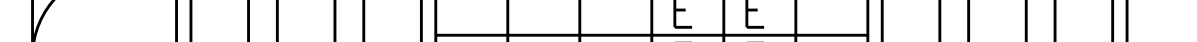
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
ES	00	-	-	SEE SHEET 1	-	-

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			HD											

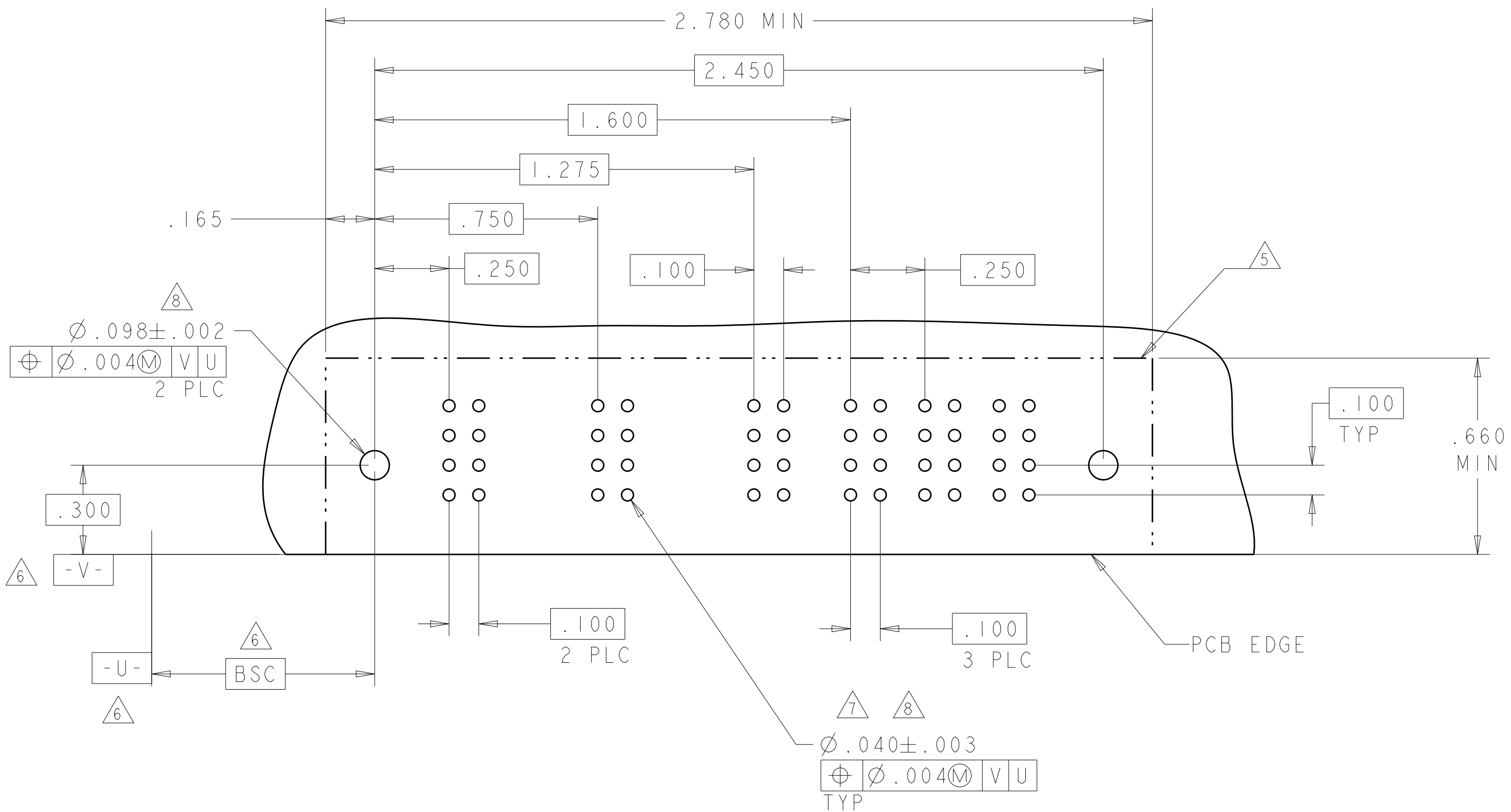


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	4FEB2005	 TE Connectivity		
		CHK M.PERCHERKE	14FEB2005			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
		0 PLC ±"	PRODUCT SPEC	SIZE		
		1 PLC ±.01	108-1973	CAGE CODE	A100779C=6450130	
		2 PLC ±.01	APPLICATION SPEC	DRAWING NO		
		3 PLC ±.005	114-13038	SHEET		
		4 PLC ±.0020	WEIGHT	22		
MATERIAL		FINISH	Customer Drawing	OF	28	
				REV	M2	
				SCALE	4:1	



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															

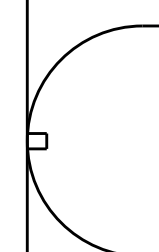
L5

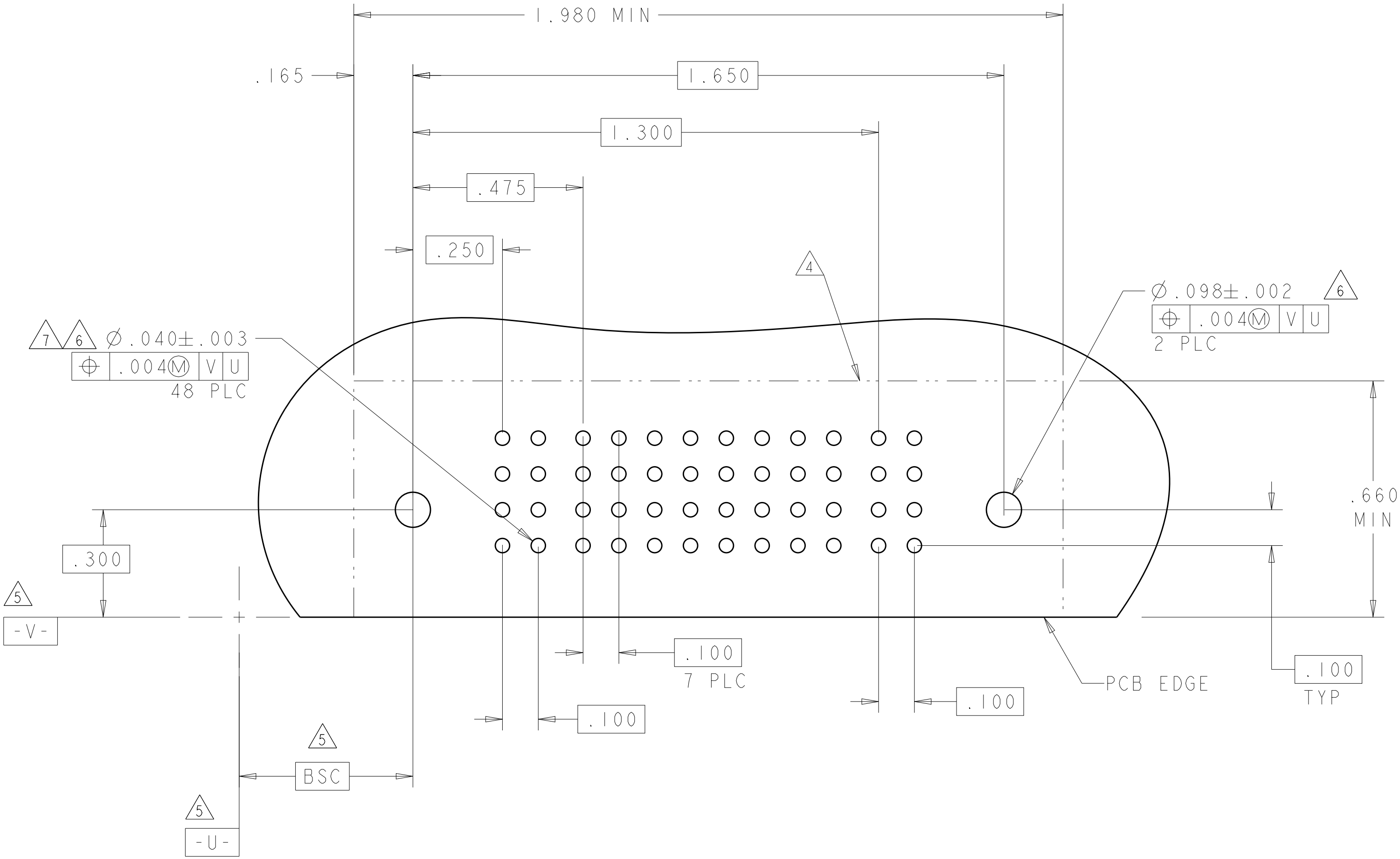
4805 (3/11)

L7

4805 (3/11)

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

PART NUMBER	ROWS	POWER		SIGNAL								POWER	
		P1		1	2	3	4	5	6	7	8	P2	
9-6450130-9	D		PM	J	J	J	J	J	J	J	J	PM	
	C			K	K	K	F	K	K	K	K		
	B			N	N	N	N	N	N	N	N		
	A			S	S	S	S	S	S	S	S		
IP + 32S + IP													



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

R. GRZYBOWSKI

4FEB2005

CHK

M. PERCHERKE

14FEB2005

APVD

M. PERCHERKE

14FEB2005

TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY W/GUIDES
MULTI-BEAM XL

NAME

-

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

Customer Drawing

SCALE

4:1

SHEET

26

OF

28

REV

M2

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±"

±.01

±.005

±.0020

#2°

-

PRODUCT SPEC

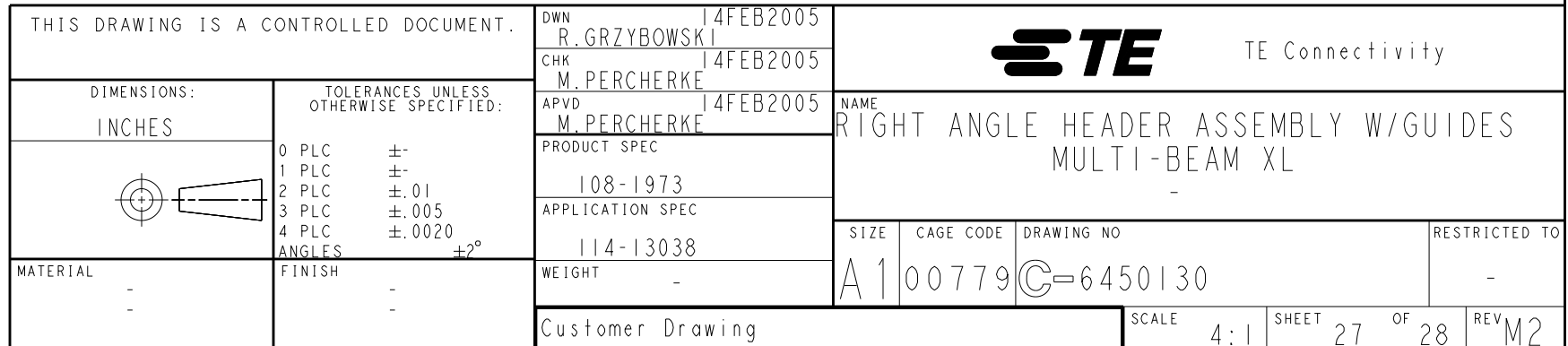
108-1973

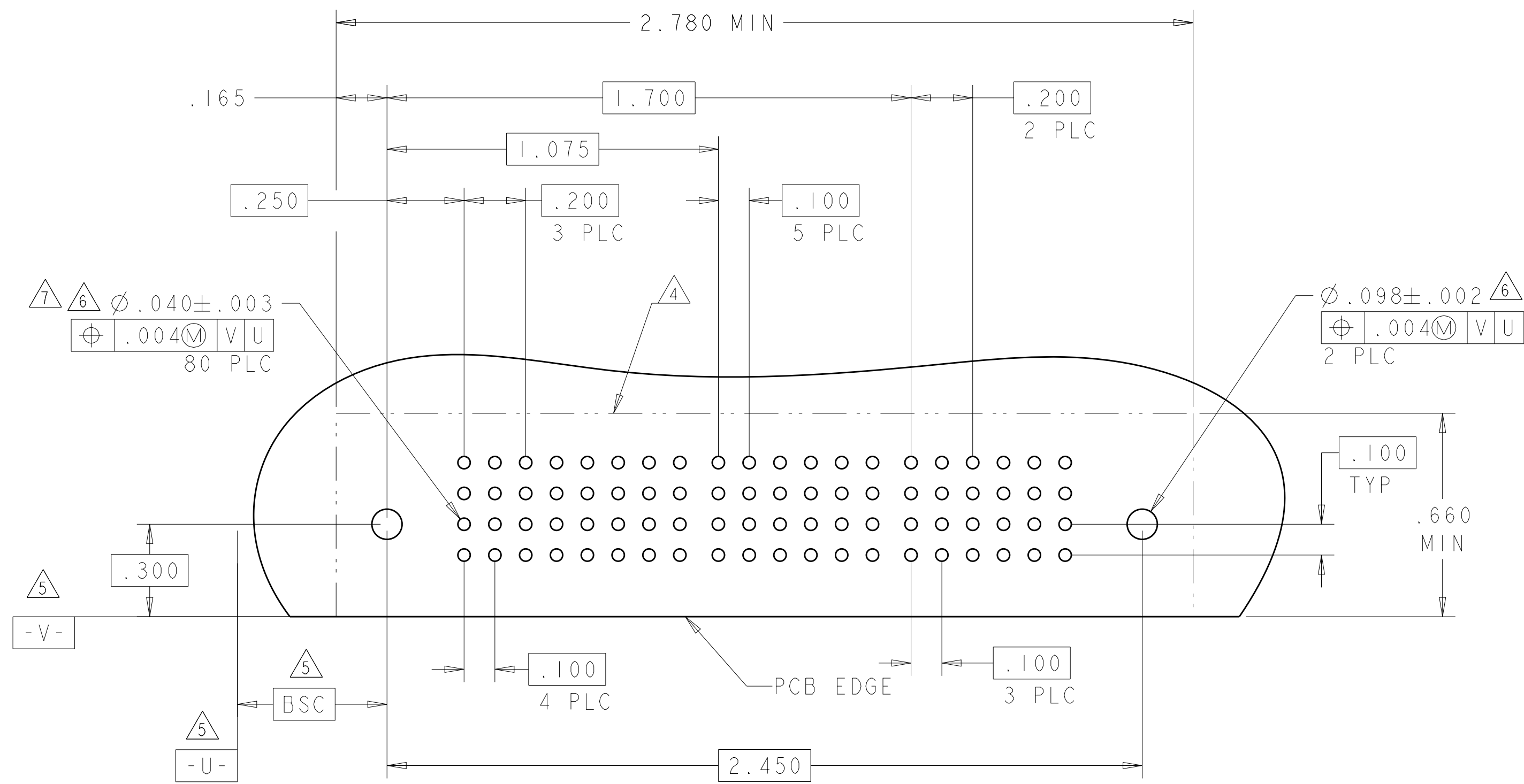
APPLICATION SPEC

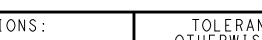
114-13038

WEIGHT

-



[illegible]

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN 141E2005 CHV GRZYBOWSKI M PERCHERKE 141E2005 APVD M PERCHERKE 141E2005		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±°		NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CAGE CODE DRAWING NO A100779G6450130	
MATERIAL :		FINISH :		RESTRICTED TO -	
		WEIGHT :		SCALE 4:1 SHEET 28 OF 28 REV M2	
Customer Drawing					

Mouser Electronics

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[7-6450130-9](#)