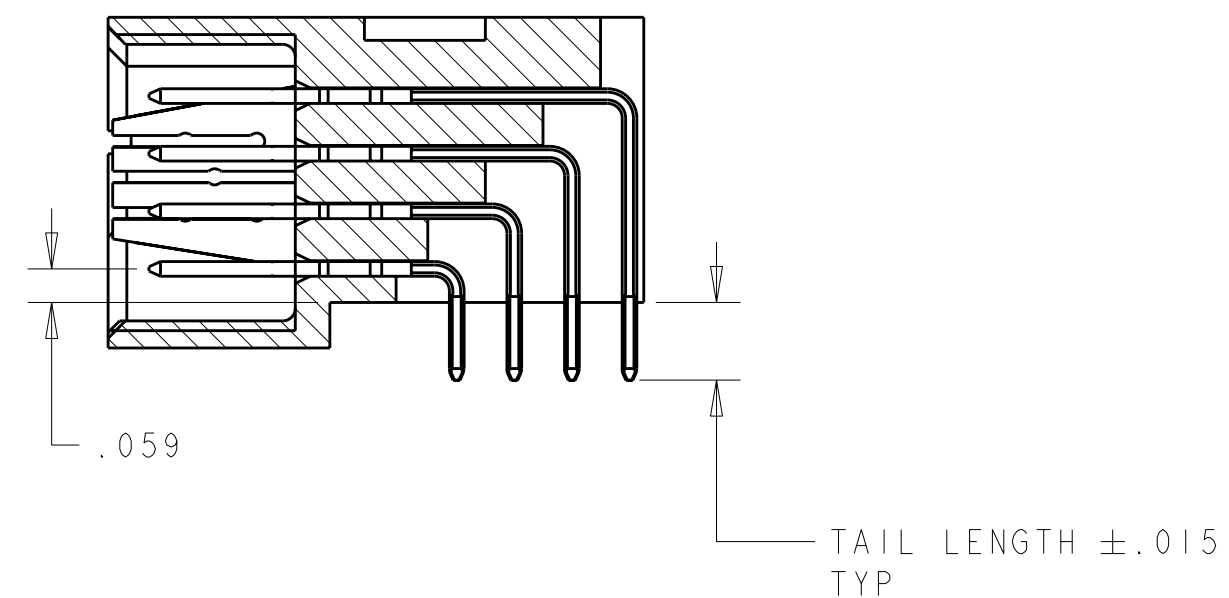
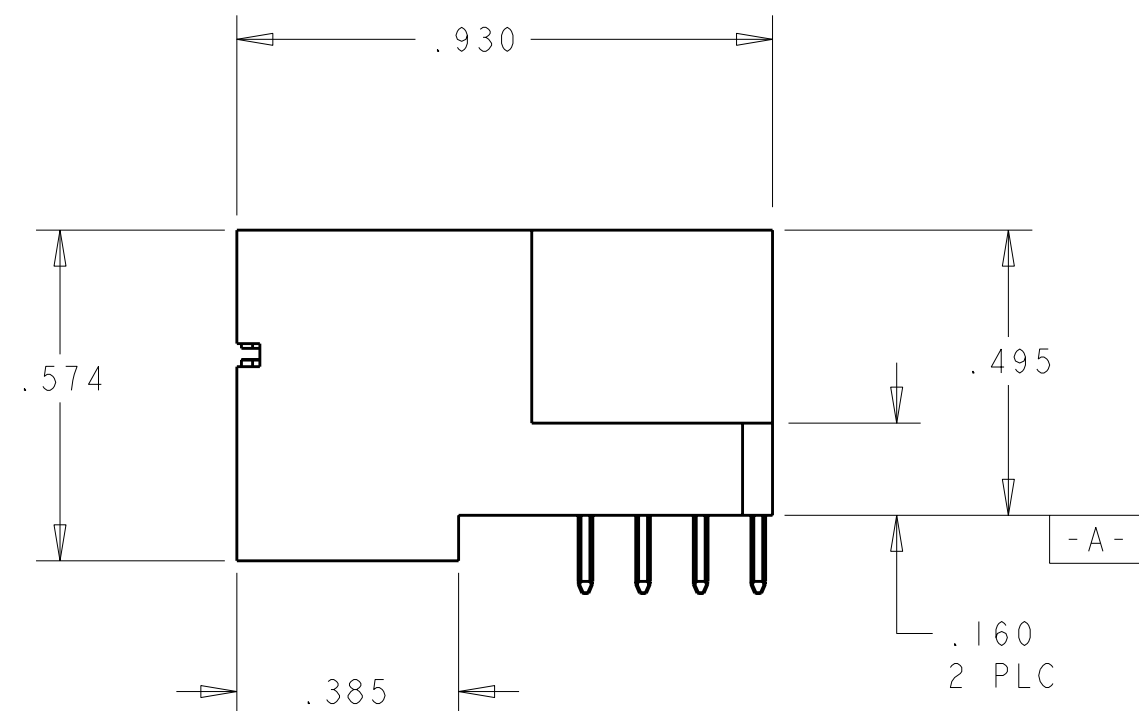




- TAIL LENGTH $\pm .015$
TYP

AMP 4805 REV 31MAR2000
b/ENGINEER DRAWING

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

- 1

"AMP", PART NUMBER, AND DATECODE TO BE MARKED IN AREA SHOWN.
- 2

MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
SIGNAL CONTACT - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 3

CONTACT PLATING: SIGNAL CONTACTS - .000050 MIN. Ni UNDER ALL.
.000030 MIN. Au ON CONTACT AREA.
.000100 MIN. Sn AT PCB INTERFACE.
POWER CONTACTS - .000050 MIN. Ni UNDER ALL.
.000030 MIN. Au AT CONTACT AREA.
.000100 MIN. Sn AT PCB INTERFACE.
- 4

MECHANICAL CONNECTOR KEEP OUT ZONE.
- 5

DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6

PCB - HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 7

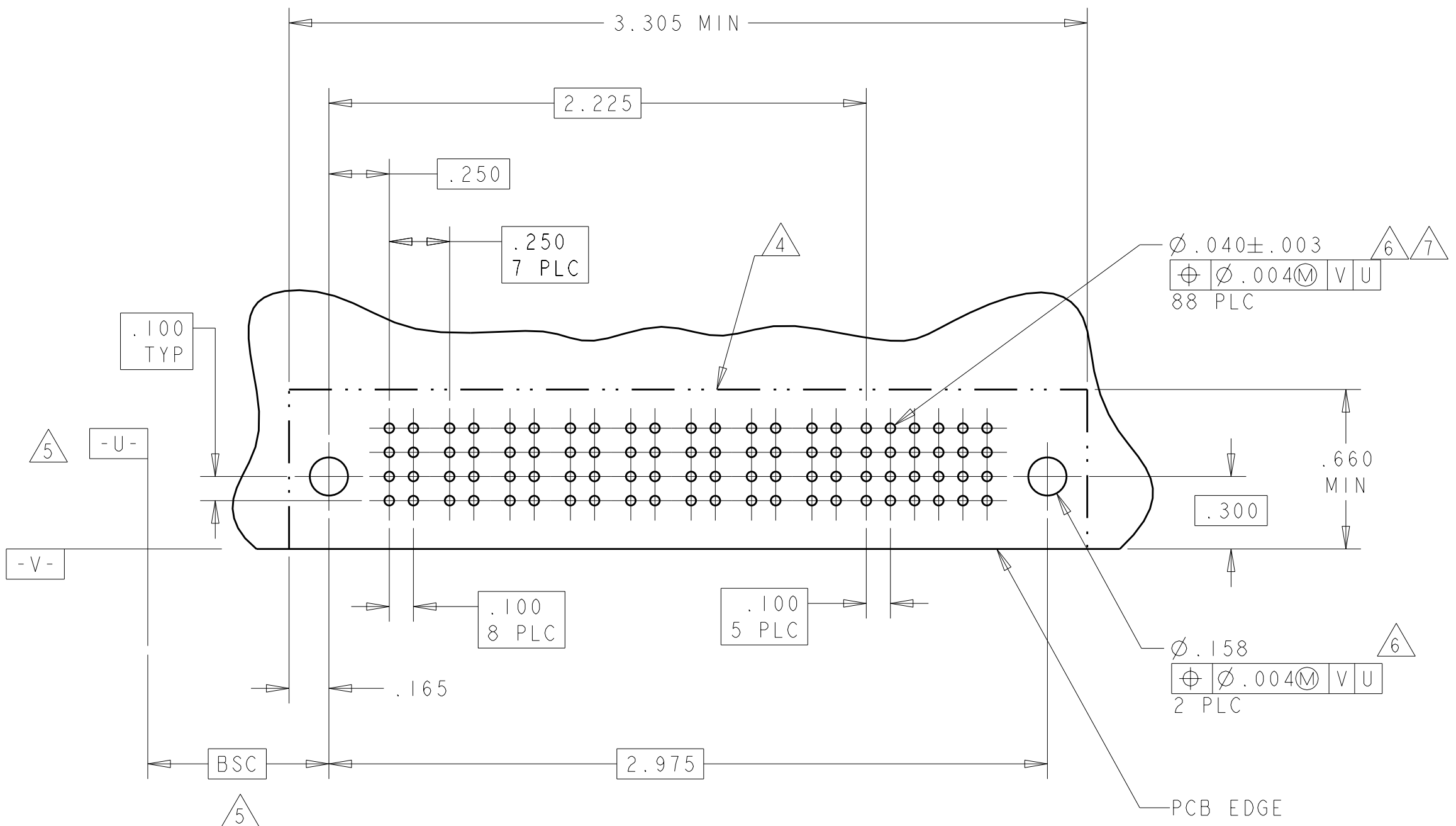
PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn
OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 DIAMETER HOLE.
- 8

OPTIONAL CENTER MODULE
- 9

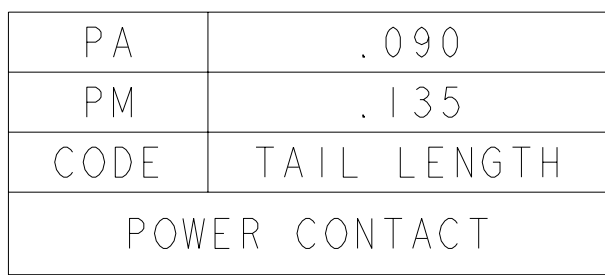
NOT RELEASED FOR PRODUCTION
- 10

VARIABLE DIMENSIONS SHOWN ON TABLE

2.700		2.275	2.750	-	3.050	.450	4ACP+3P+20S	1-6450332-9
3.225		2.675	3.275	-	3.575	.525	3ACP+6P+24S	2-6450332-8
1.650	.200	1.225	1.700	-	2.000	.450	4P + 20S	2-6450332-6
1.800		1.275	1.850	-	2.150	.450	4P + 24S	2-6450332-5
2.900	.250	2.375	2.950	-	3.250	.450	8P + 24S	2-6450332-4
3.225		2.675	3.275	-	3.575	.525	3ACP+6P+24S	2-6450332-3
2.150	.250	1.625	2.200	-	2.500	.450	5P + 24S	2-6450332-0
3.225		2.675	3.275	-	3.575	.525	3ACP+6P+24S	6450332-9
3.875		3.550	3.925	-	4.225	.475	1ACP + 9P + 16S	1-6450332-8
2.300	.250	1.875	2.350	-	2.650	.450	6P+20S	1-6450332-7
3.875		3.550	3.925	-	4.225	.475	3ACP+9P+16S	1-6450332-6
5.100		2.375	5.150	-	5.450	.450	8P + 112S	1-6450332-4
3.800		3.175	3.850	-	4.150	.450	12P + 28S	1-6450332-3
2.275		2.050	2.325	-	2.625	.450	5P + 24S	1-6450332-2
1.400	.250	.875	1.450	-	1.750	.450	2P + 24S	6450332-8
1.100	-	.575	1.150	-	1.450	.425	1P + 24S	6450332-6
4.425	.250	3.875	4.475	-	4.775	.450	14P + 24S	6450332-5
2.675	.250	2.125	2.725	-	3.025	.450	7P + 24S	6450332-4
2.925	.250	2.375	2.975	-	3.275	.450	8P + 24S	6450332-3
4.500	.250	3.875	4.550	-	4.850	.450	14P + 28S	6450332-2
DIM U	DIM S	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION	PART NUMBER

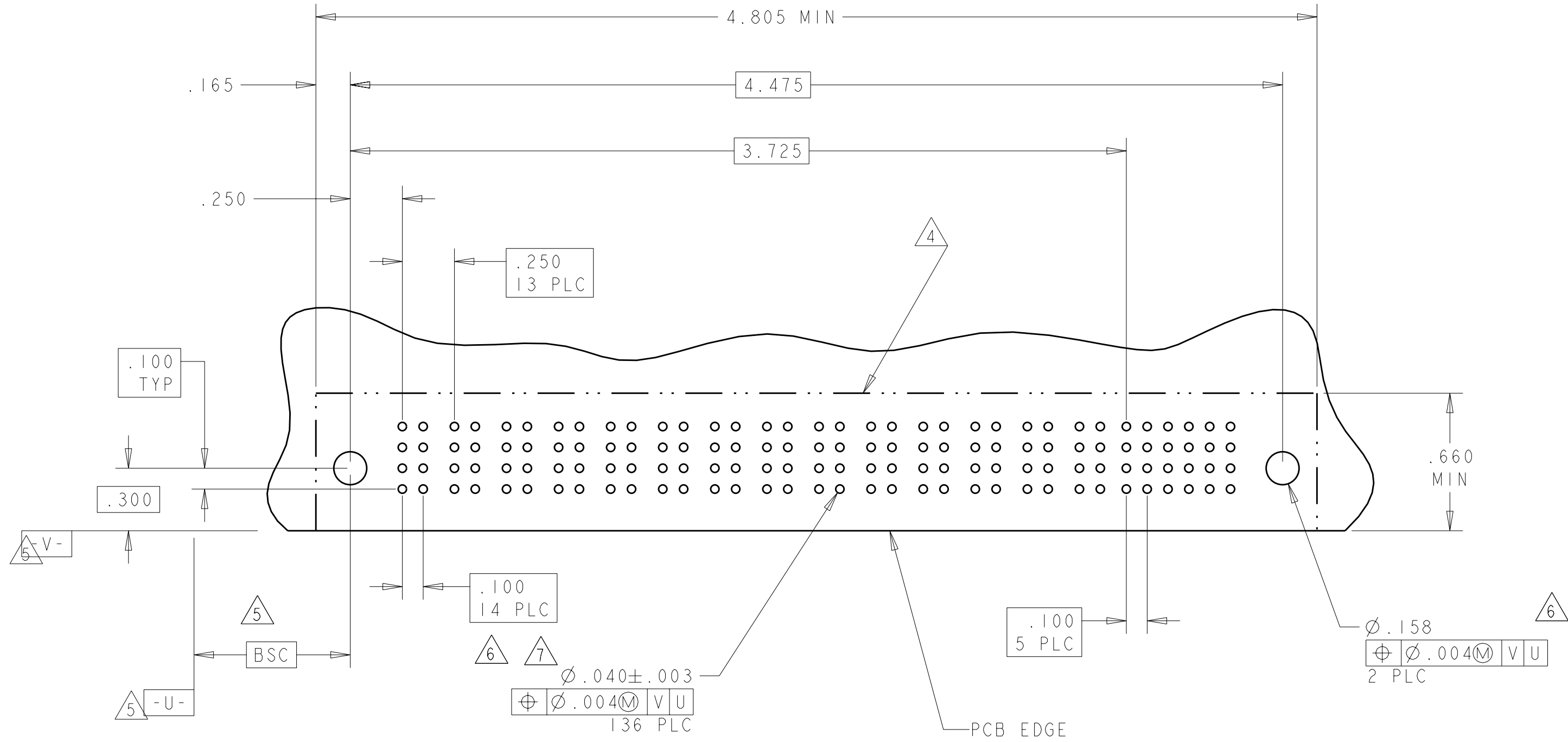
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Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
A4	MLBF	.090	D
A3	MLBF	.090	C
A2	MLBF	.090	B
A1	MLBF	.090	A
E	MLBF	.135	D
F	MLBF	.135	C
G	MLBF	.135	B
H	MLBF	.135	A
J	STD	.135	D
K	STD	.135	C
N	STD	.135	B
S	STD	.135	A
CODE	MATING SEQUENCE	TAIL LENGTH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

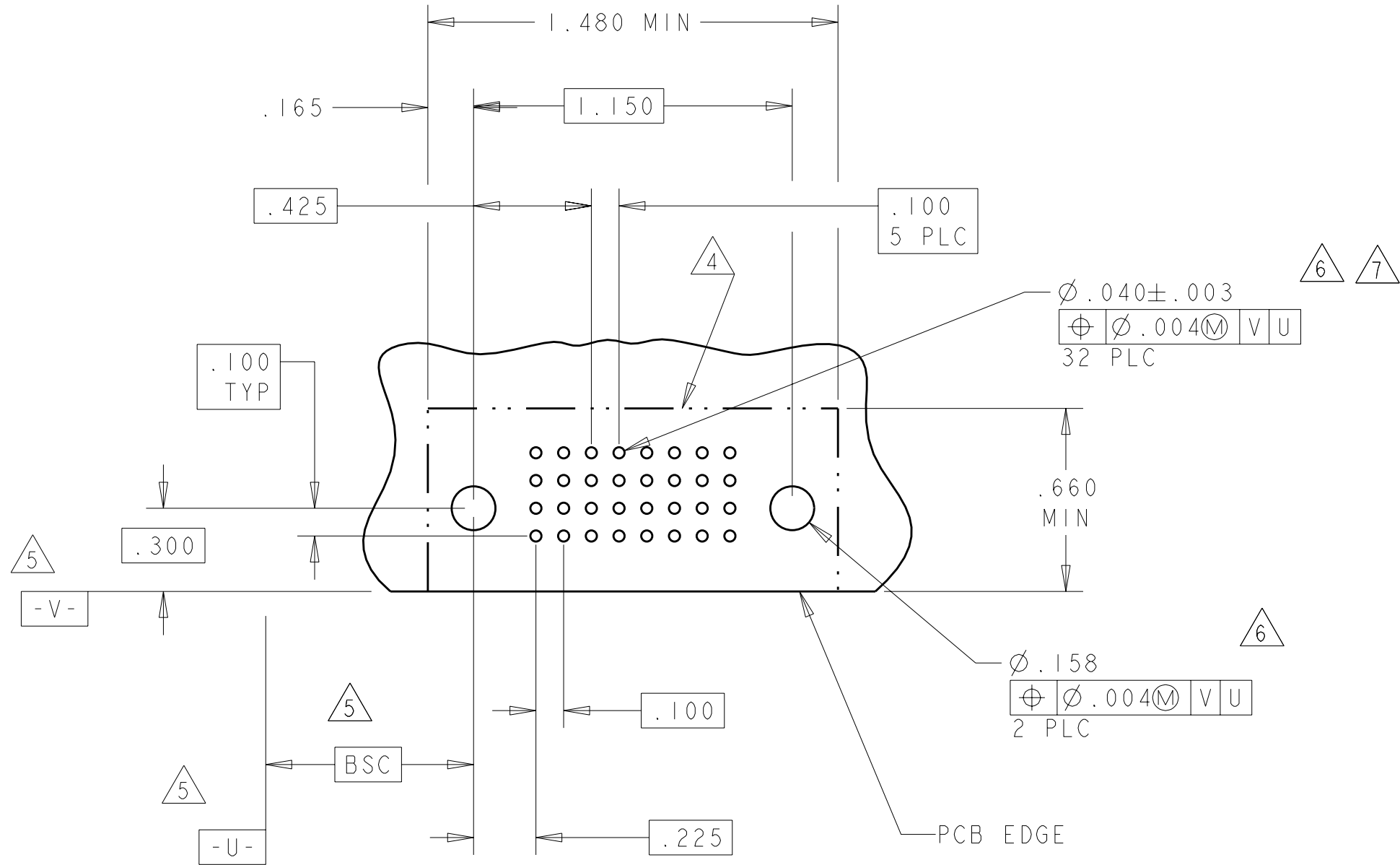
AMP 4805 REV 31MAR2000

LOC		DIST		REVISIONS			
ES		00		REV	DESCRIPTION	DATE	OWN
				-	SEE SHEET 1	-	-

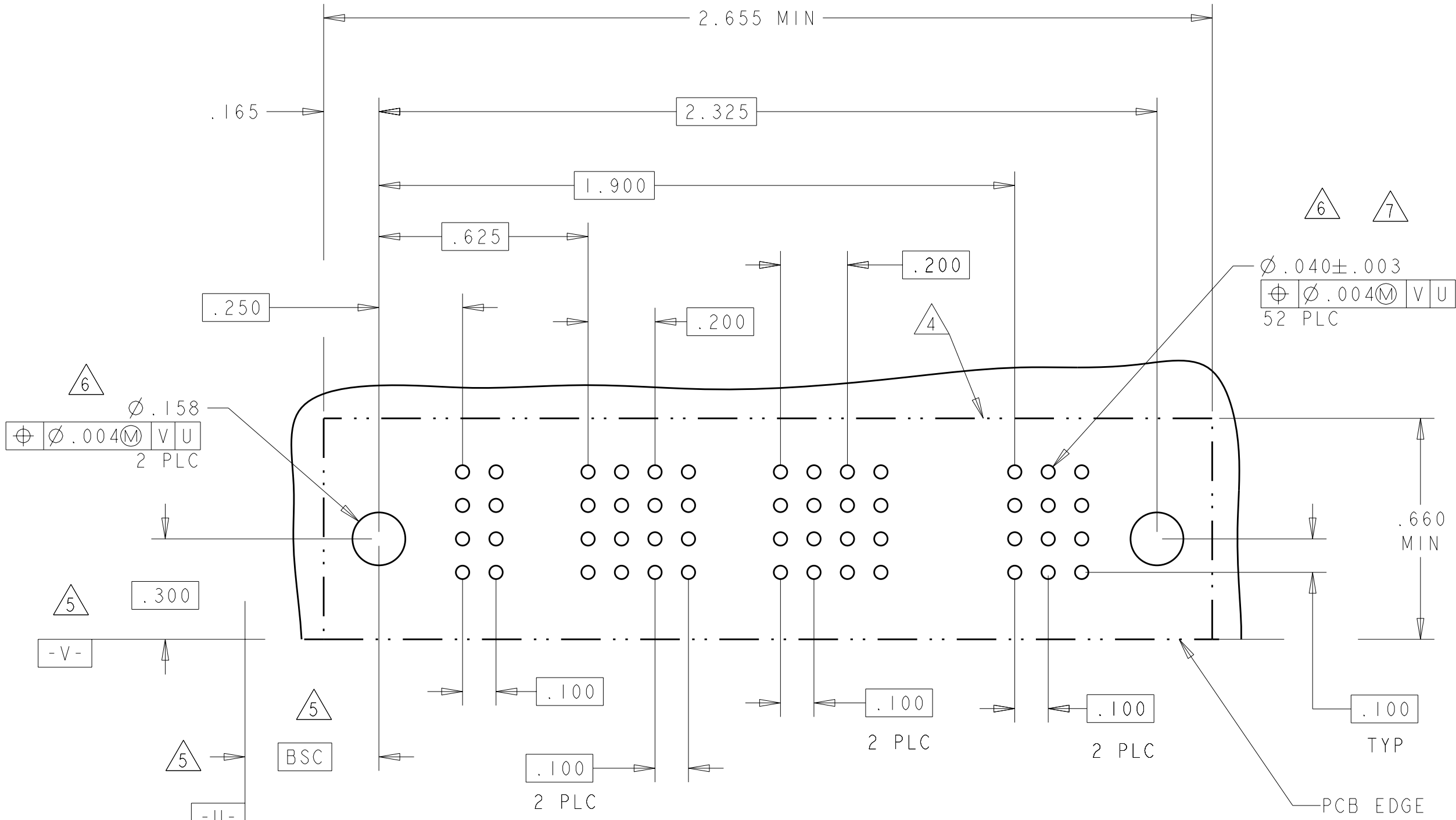
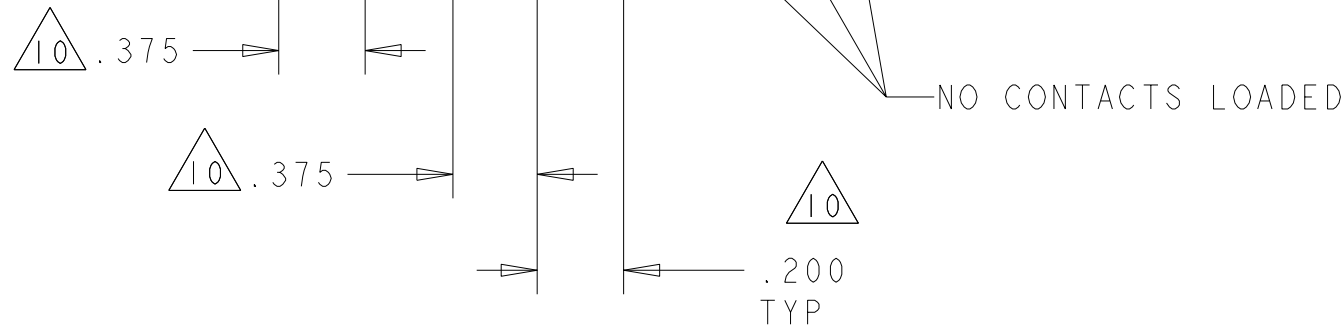
PART NUMBER	ROWS		POWER														SIGNAL									
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	1	2	3	4	5	6				
6450332-5	D C B A																									
																		E	E	E	E	E		E		
																				F	F	F		F	F	F
																				G	G	G		G	G	G
																		H	H	S	S	H	H			
14P + 24S																										



PART NUMBER	ROWS			POWER	SIGNAL						
				PI	1	2	3	4	5	6	
6450332-6	D C B A			E	E	E	E	E	J		
				F	F	F	F	F	F		
				G	G	G	G	G	G		
				H	H	H	H	H	H		
1P + 24S											

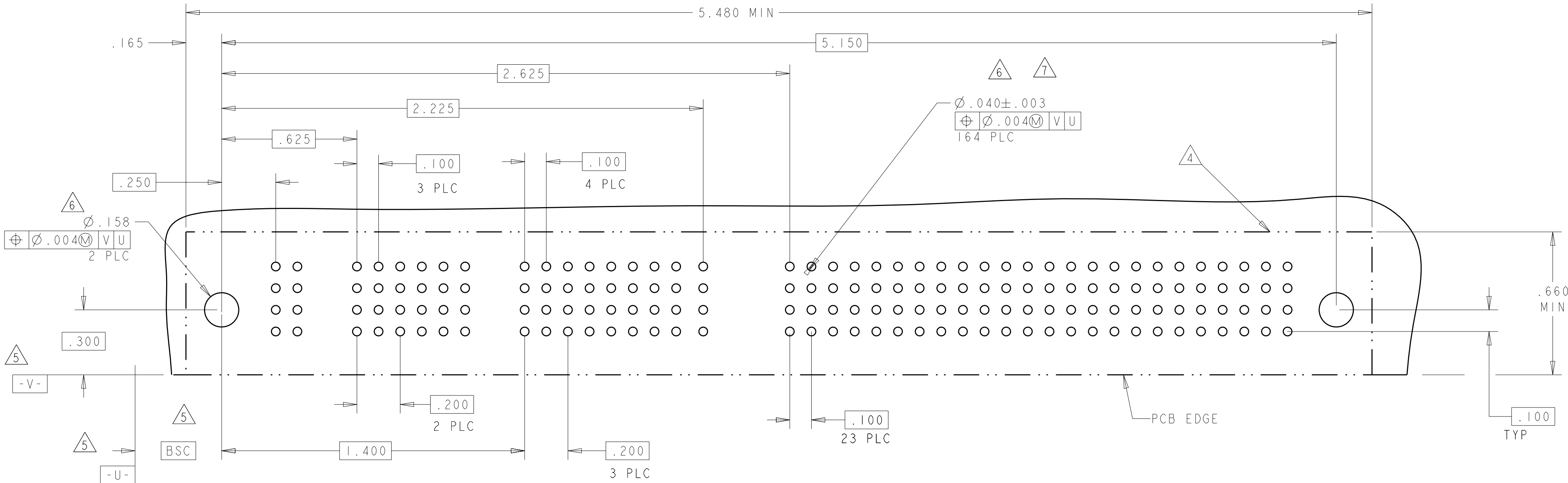
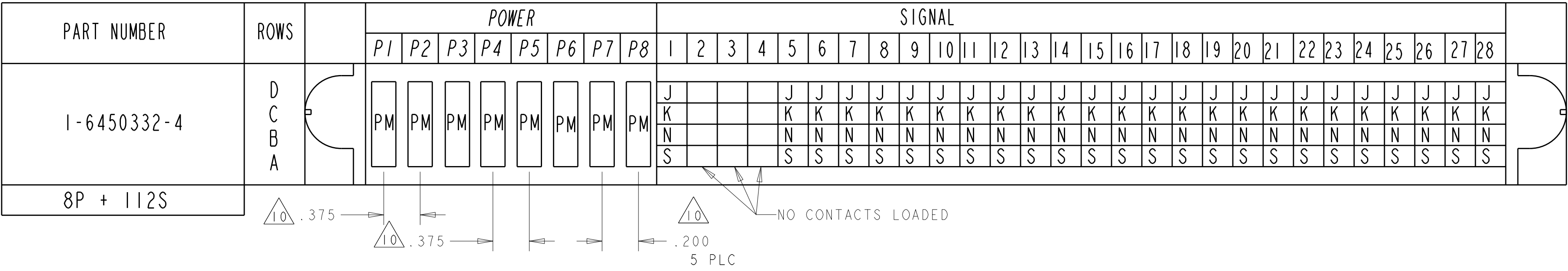
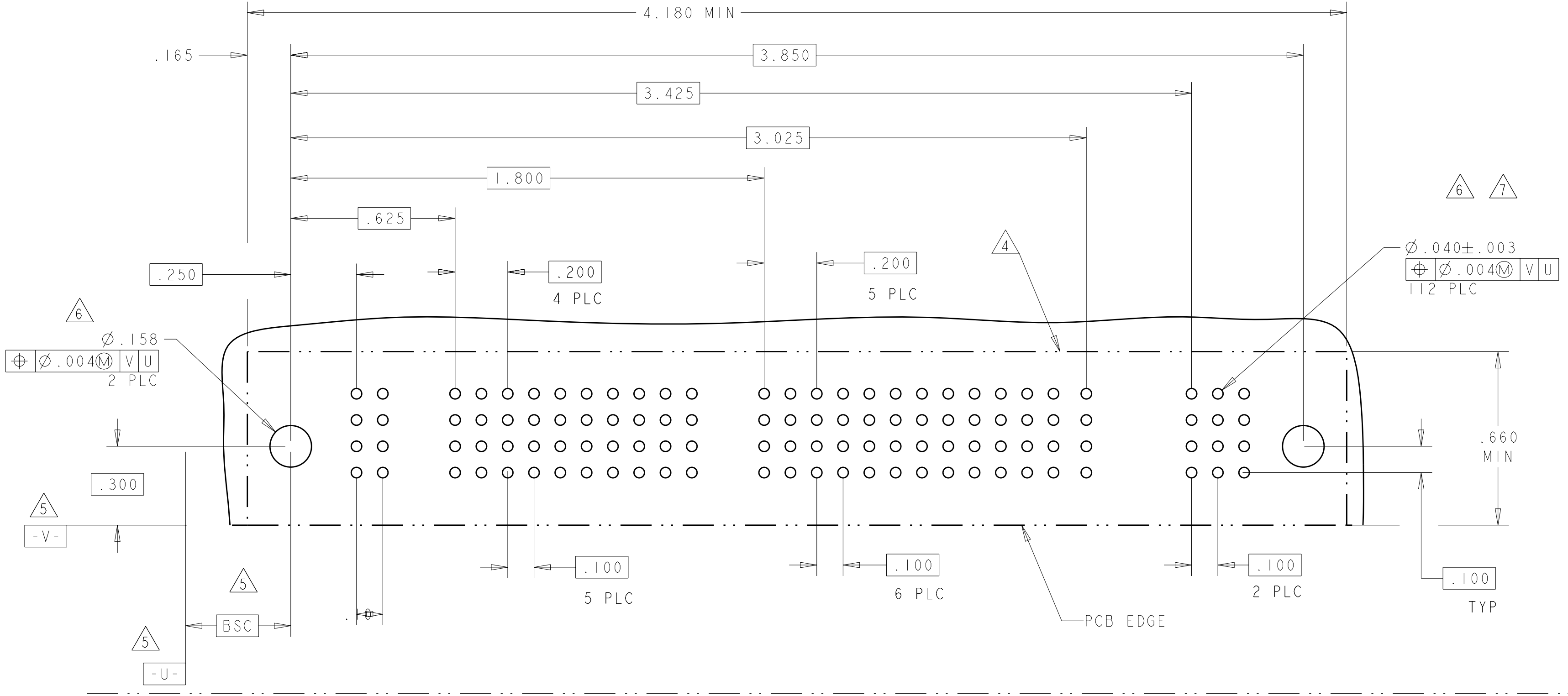
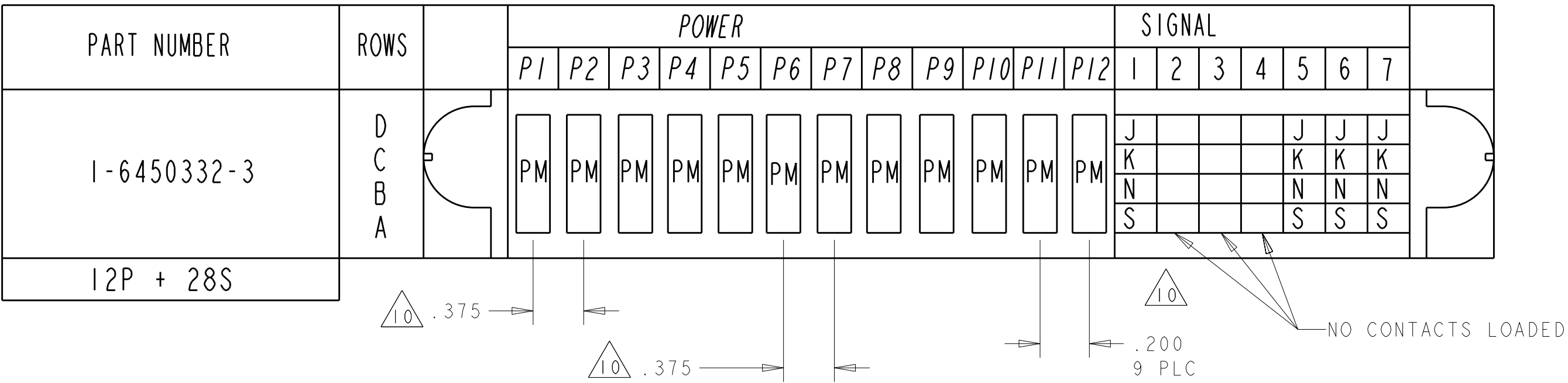


PART NUMBER	ROWS		POWER					SIGNAL								
			P1	P2	P3	P4	P5	1	2	3	4	5	6			
1-6450332-2	D C B A		PM	PM	PM	PM	PM				J	J	J			
													K		K	K
													N		N	N
													S		S	S
5P + 24S																



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DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.01 2 PLC ±.01 3 PLC ±.01 4 PLC ±.0020 ANGLES ±2°		NAME RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL	
MATERIAL -		FINISH -		SIZE A1	
CUSTOMER DRAWING		SCALE 4:1		SHEET 4 OF 11	
				REV G	

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



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9 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±.01

±.005

±.0020

±2°

-

DIMENSIONS:

INCHES

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

±

±.01

±.005

±.0020

±2°

-

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

114-13038

WEIGHT

CUSTOMER DRAWING

24JAN05

24JAN05

-

108-1973

114-13038

-

SCALE

4:1

SHEET

5

OF

11

REV

G

Tyco Electronics Corporation

Shanghai, R.P.C. 200233

NAME

RIGHT ANGLE SOLDER HEADER ASSEMBLY

MULTI-BEAM XL

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

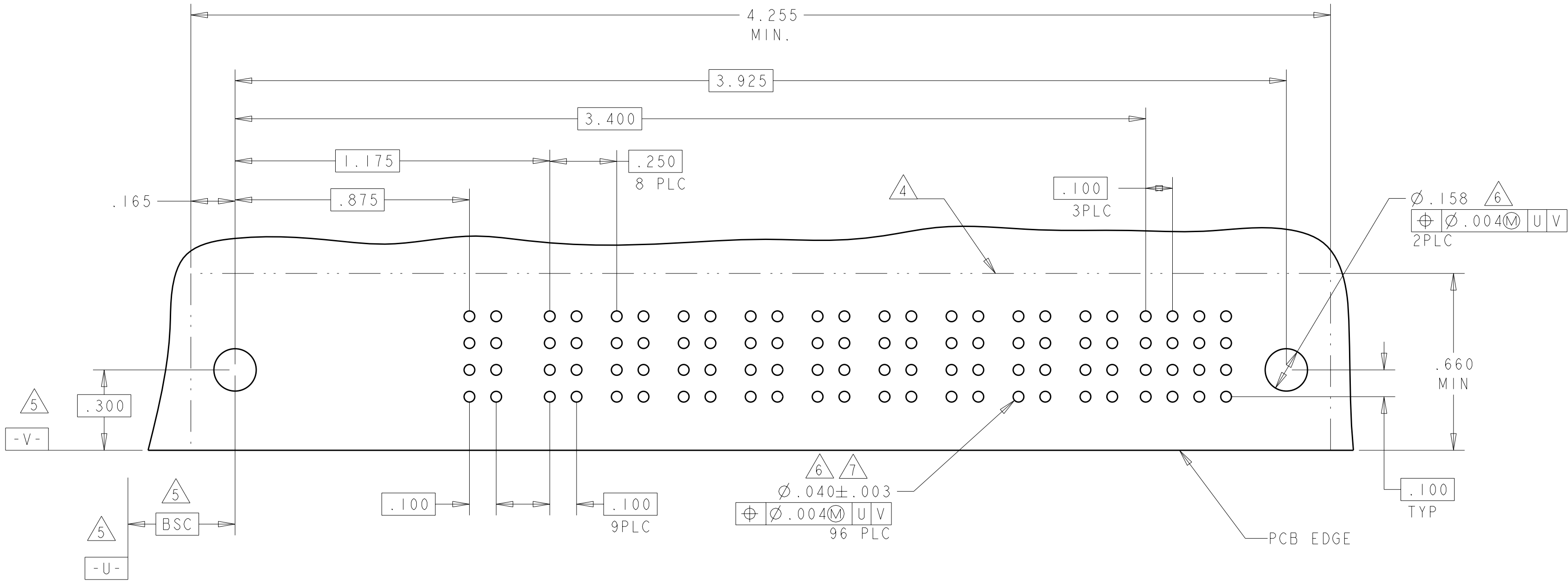
C=6450332

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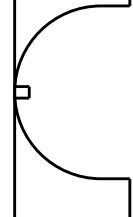
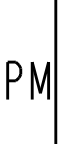
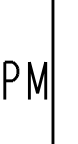
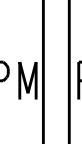
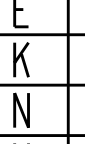
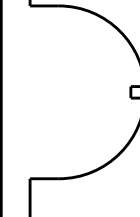
THIS DRAWING IS A CONTROLLED DOCUMENT FOR THE ELEMENTS OF THE DRAWING THIS IS THE ONLY COPY THAT SHOULD BE USED FOR THE ELEMENTS OF THE DRAWING		DWA 24JAN05 GRZYBOWSKI		Tyco Electronics Tyco Electronics Corporation Shanghai R.P.C. 200233	
DIMENSIONS: INCHES 		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 P/LC ±.1 1 P/LC ±.1 2 P/LC ±.01 3 P/LC ±.005 4 P/LC ±.0020 ANGLES ±.2°		NAME RIGHT ANGLE SOLDER BEAD ASSEMBLY MULTI-BEAM XL - - -	
MATERIAL -		FINISH -		SIZE CAGE CODE DRAWING NO A 00779 C=6450332	
WEIGHT -		APPLICATION SPEC 114-13038		RESTRICTED TO -	
CUSTOMER DRAWING					
SCALE 4:1		SHEET 6 OF 11		REV G	

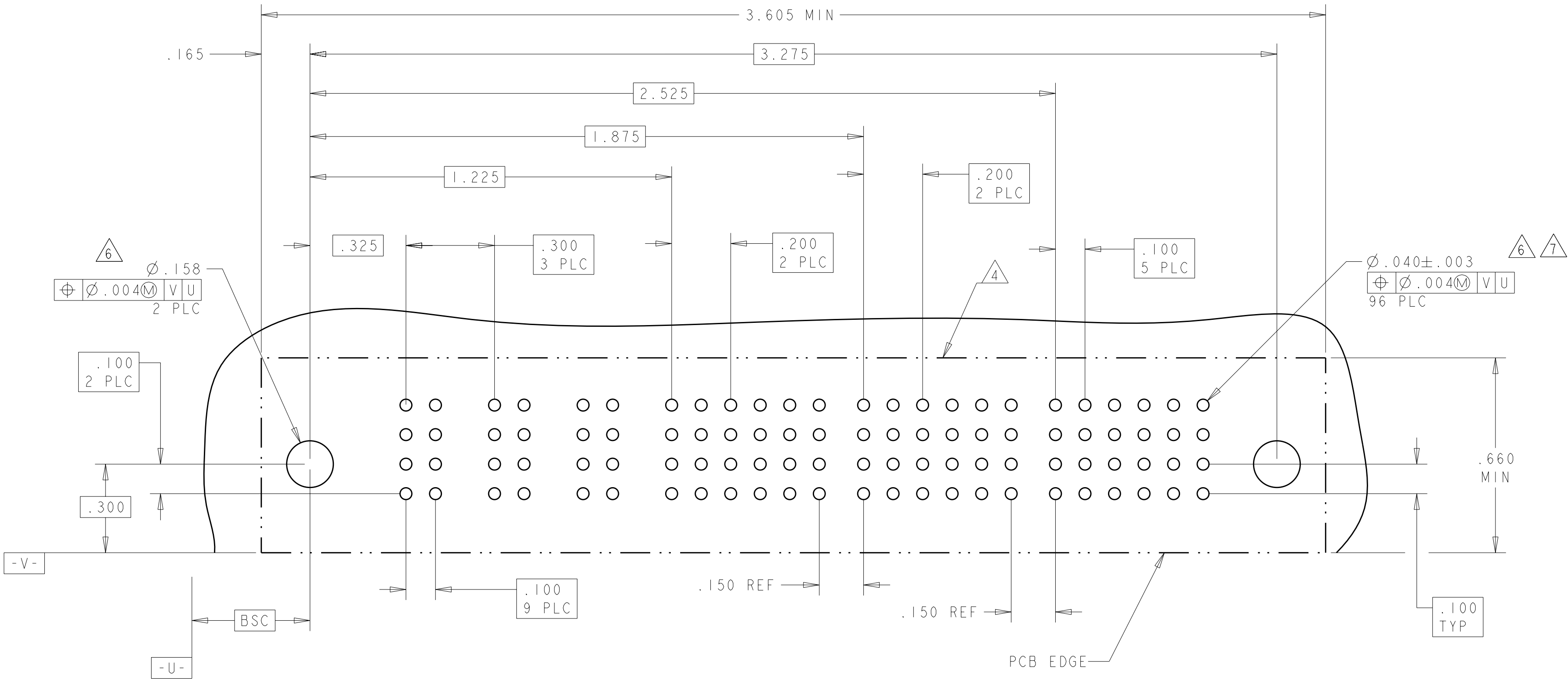
LOC		DIST		REVISIONS			
ES		00		REV	LYR	DESCRIPTION	DATE
				-	-	SEE SHEET 1	-



PART NUMBER	ROWS		POWER												SIGNAL				
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4	
1-6450332-8	D C B A				PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	
															K	K	K	K	
															S	S	S	H	
IACP + 9P + 16S																			

PART NUMBER	ROWS		POWER									SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	
6450332-9	D C B A			PM	PM	PM	PM	PM	PM	PM	PM	J	E	J	J	J	E	
												K	K	K	K	F	F	
												N	N	N	N	G	G	
												S	S	S	S	H	S	
3ACP + 6P + 24S																		

PART NUMBER	ROWS		POWER									SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	
2-6450332-3	D C B A											E	E	E	E	E	E	
												K	F	F	F	F	F	
												N	G	G	G	G	G	
												H	H	H	H	H	S	
3ACP + 6P + 24S																		

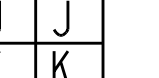


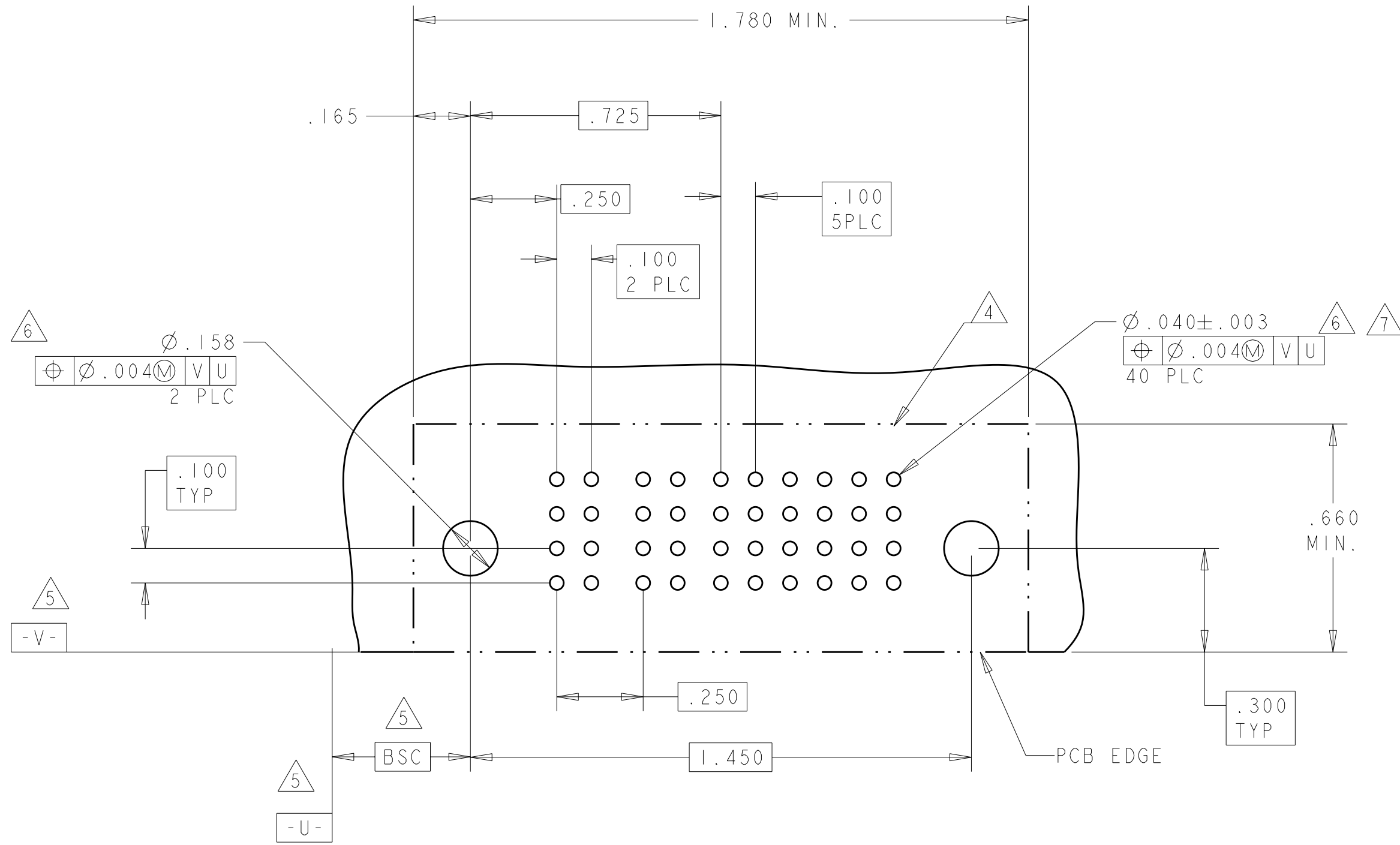
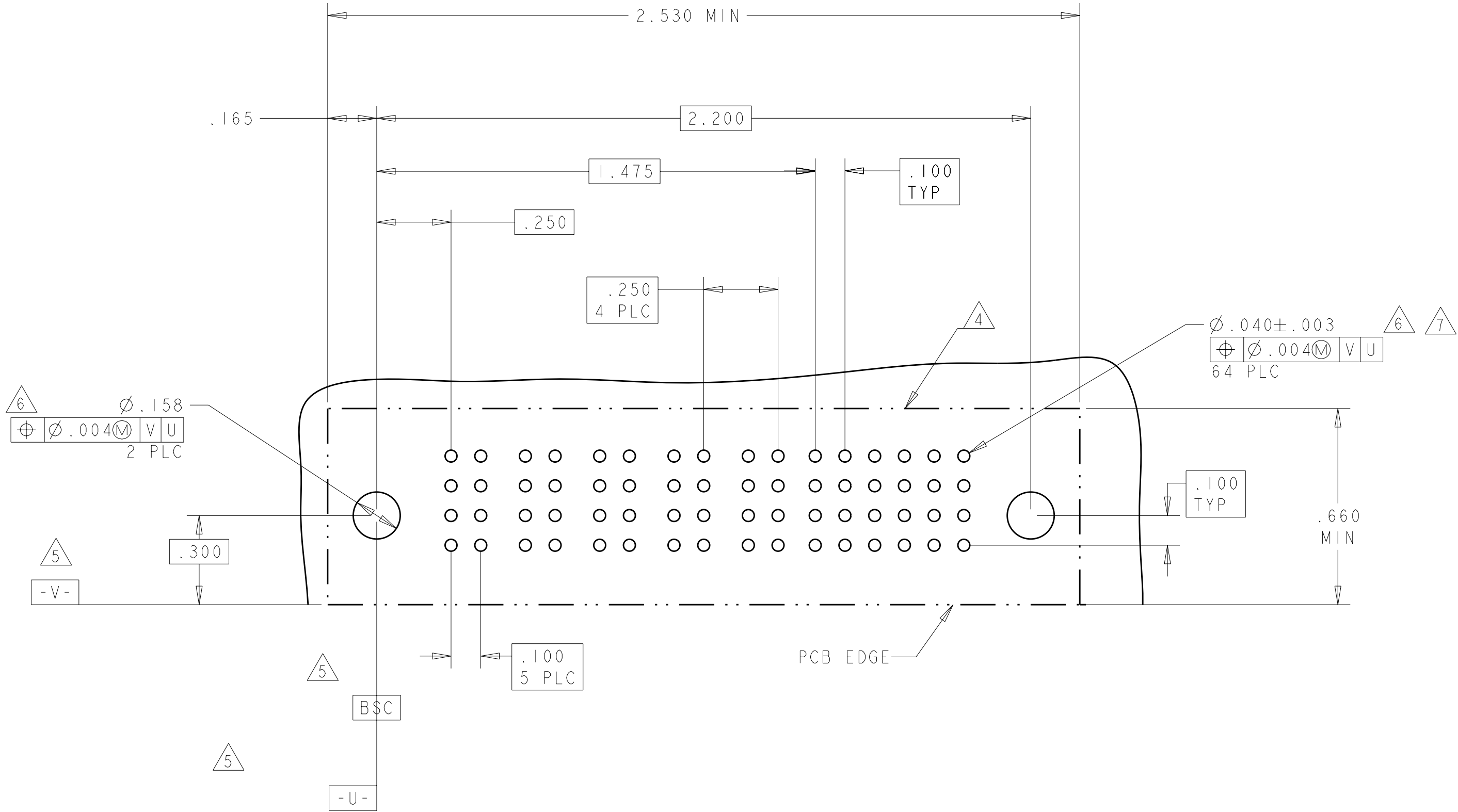
PART NUMBER 6450332-9 & 2-6450332-3 PCB LAYOUT

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DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL		SIZE CAGE CODE DRAWING NO	
9 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH		±.01 ±.005 ±.002 ±.002 ±.002		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		RESTRICTED TO	
MATERIAL		WEIGHT		A1 00779 C=6450332		REV	
CUSTOMER DRAWING		SCALE		4:1		SHEET	
				7		OF	
				11		REV	
				G			

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

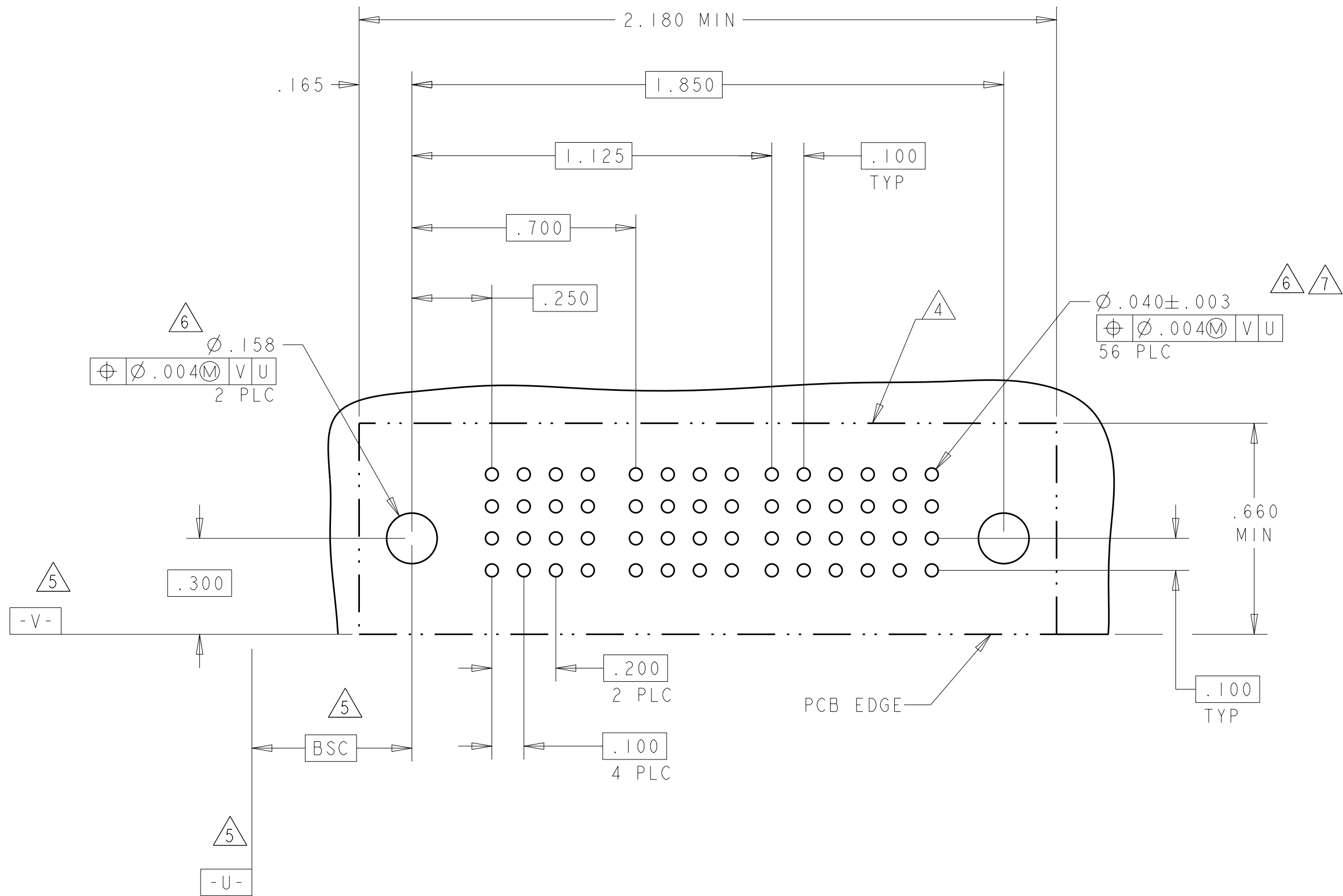
PART NUMBER	ROWS		POWER					SIGNAL						
			P1	P2	P3	P4	P5	1	2	3	4	5	6	
2-6450332-0	D C B A						E	E	E	E	E	E		
							K	F	F	F	F	F		
							N	G	G	G	G	G		
							H	H	H	H	H	S		
5P + 24S														

PART NUMBER	ROWS		POWER		SIGNAL						
			P1	P2	1	2	3	4	5	6	
6450332-8	D C B A				J	J	J	J	J	J	
					K	F	K	K	K	K	
					N	N	N	N	N	N	
					S	S	S	S	S	S	
2P + 24S											

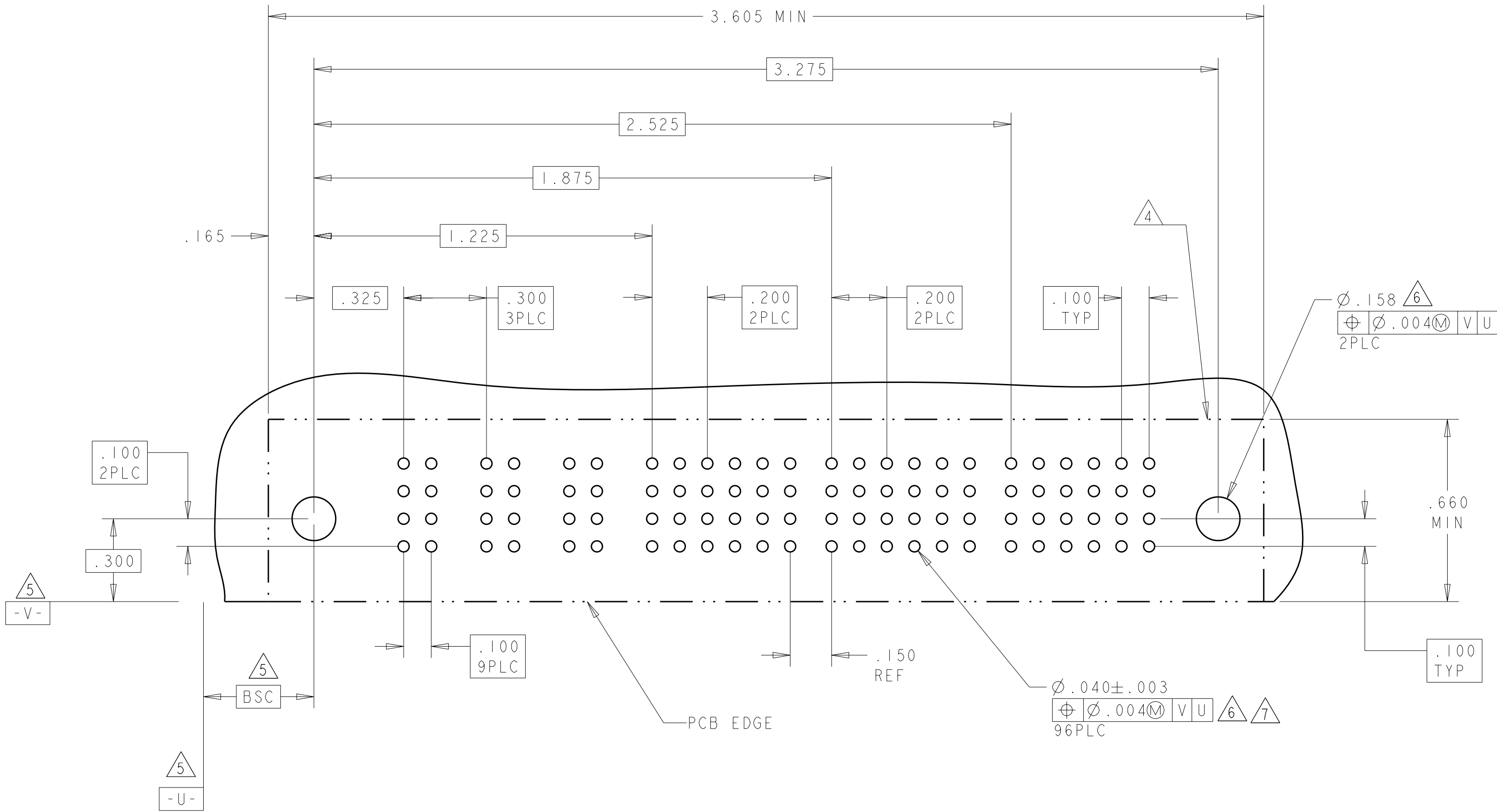


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DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL	
9 PLC ±.01 2 PLC ±.01 3 PLC ±.01 4 PLC ±.0020 ANGLES ±2°		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE A1	
MATERIAL -		FINISH -		CAGE CODE 00779	
				DRAWING NO 6450332	
				RESTRICTED TO -	
				CUSTOMER DRAWING	
				SCALE 4:1	
				SHEET 8	
				OF 11	
				REV G	

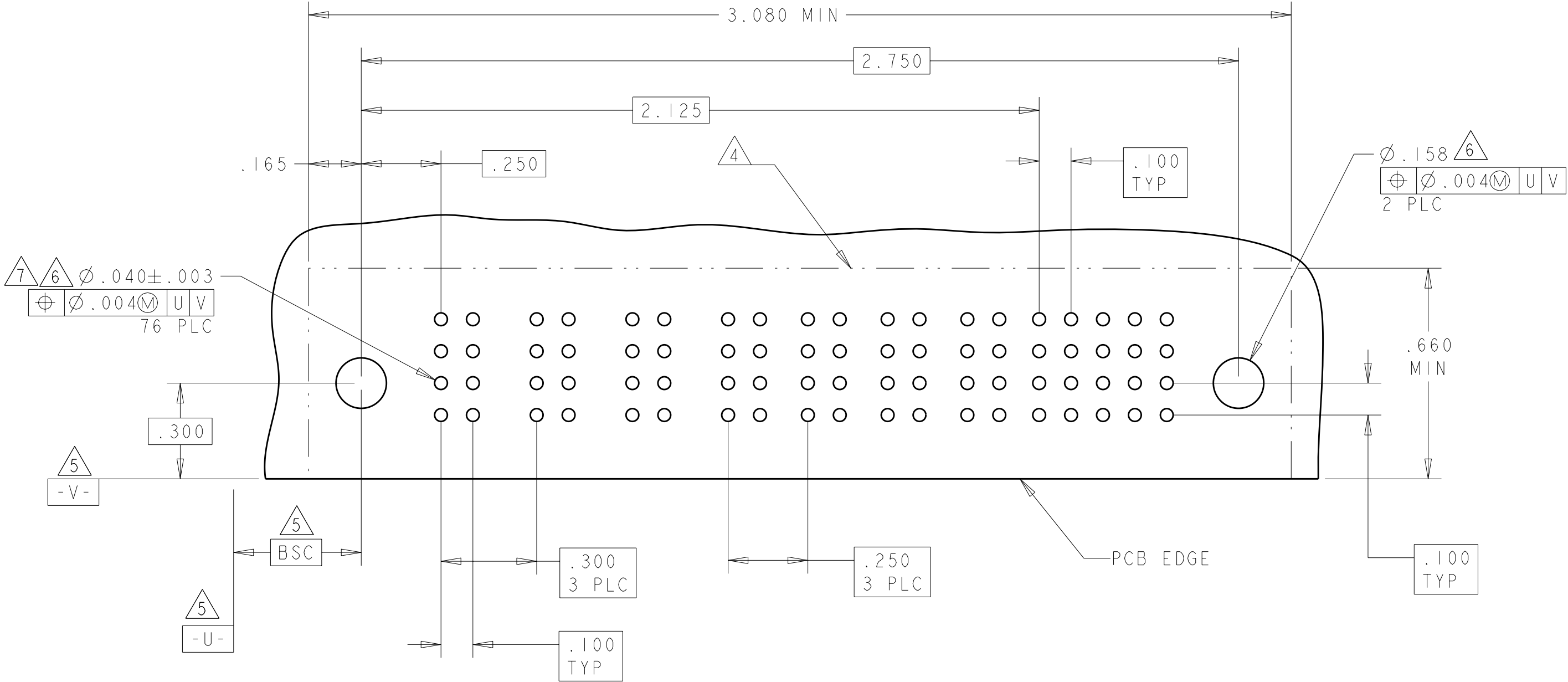
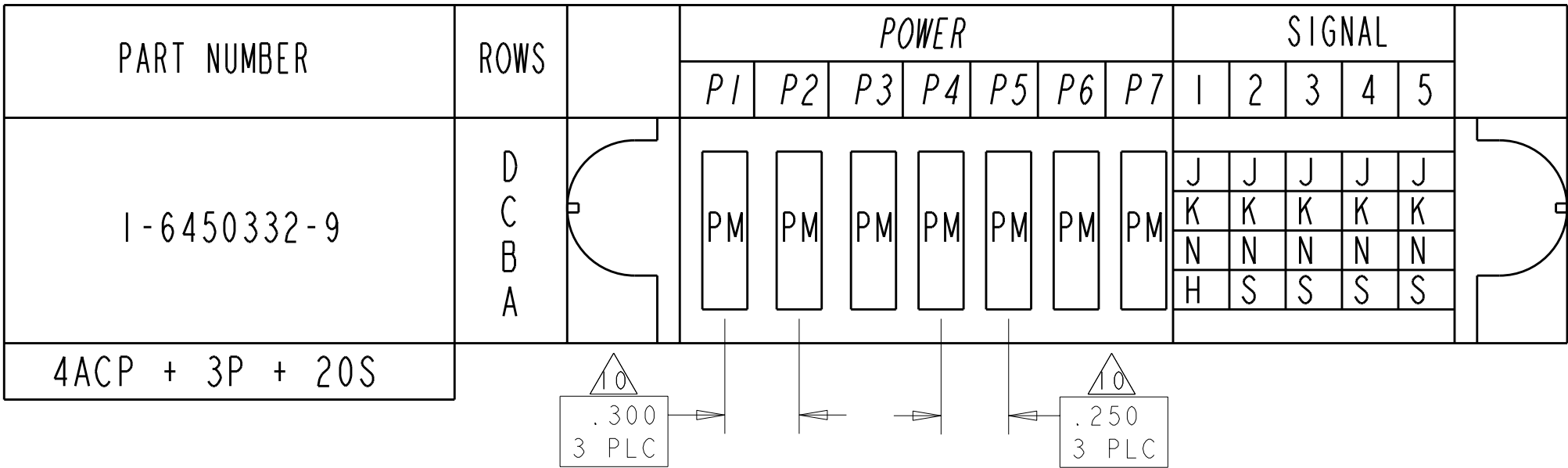
PART NUMBER	ROWS		POWER				SIGNAL						
			P1	P2	P3	P4	1	2	3	4	5	6	
2-6450332-5	D					E	E	E	E	E	E		
	K					F	F	F	F	F			
	N					G	G	G	G	G			
	H					H	H	H	H	S			
4P + 24S													

AMP 4805 REV 31MAR2000

PART NUMBER	ROWS		POWER									SIGNAL																																																																																																																																																											
			P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6																																																																																																																																																						
2-6450332-8	D C B A																																																																																																																																																																						

AMP 4805 REV 31MAR2000

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



DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	24JAN05 24JAN05 -	Tyco Electronics Corporation Shanghai, R.P.C. 200233	
		9 PLC ±.01 2 PLC ±.01 5 PLC ±.005 4 PLC ±.0020 ANGLES ±2°	FINISH -	NAME RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL		RESTRICTED TO	
MATERIAL -		WEIGHT -		SIZE A		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C=6450332		REV G	
				SCALE 4:1		SHEET 11 OF 11	