

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		P9	ADDED NEW DASH NUMBER -69	29JAN2013	ML	SZ

- 1

OPTIONAL CENTER MODULE WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE.
- 2

"AMP", PART NUMBER, AND DATECODE TO BE MARKED IN AREA SHOWN.
PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES.
- 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 POWER AND SIGNAL CONTACTS
- 5

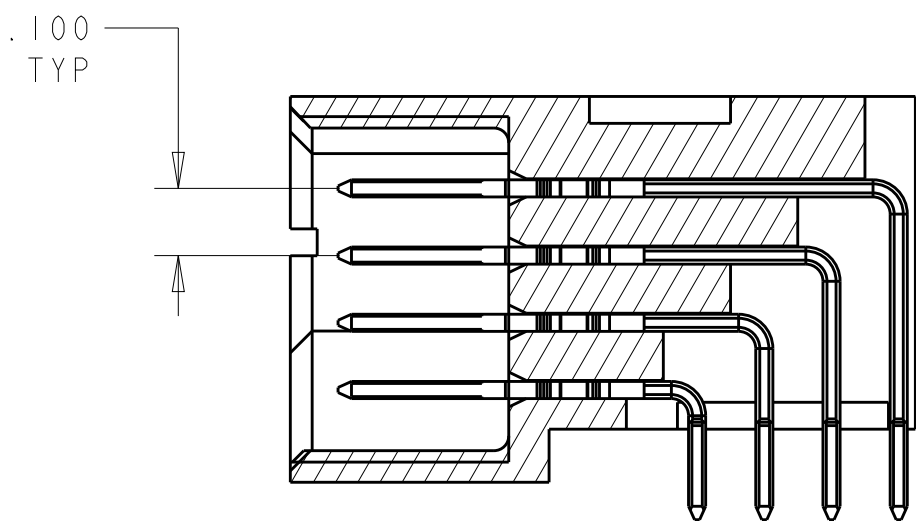
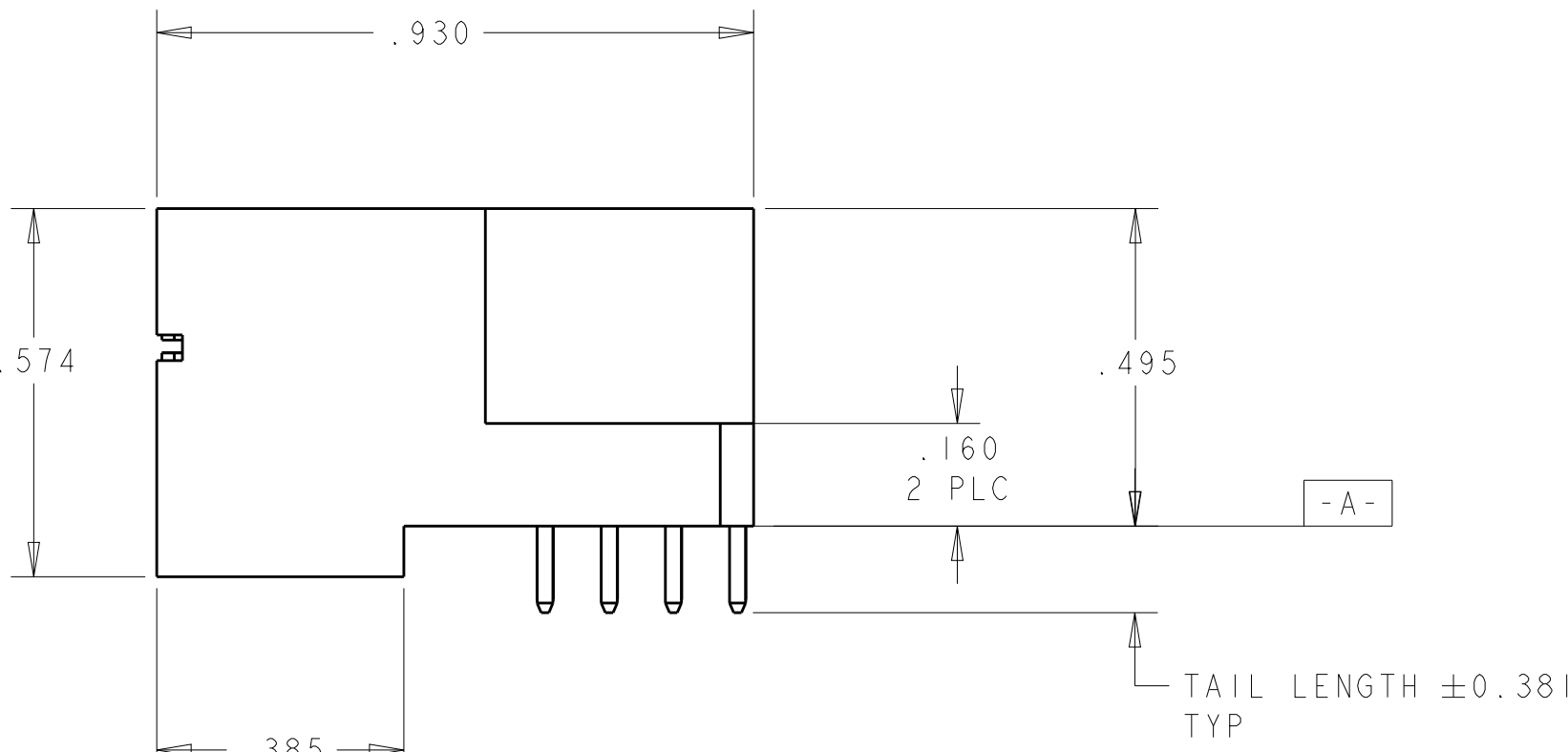
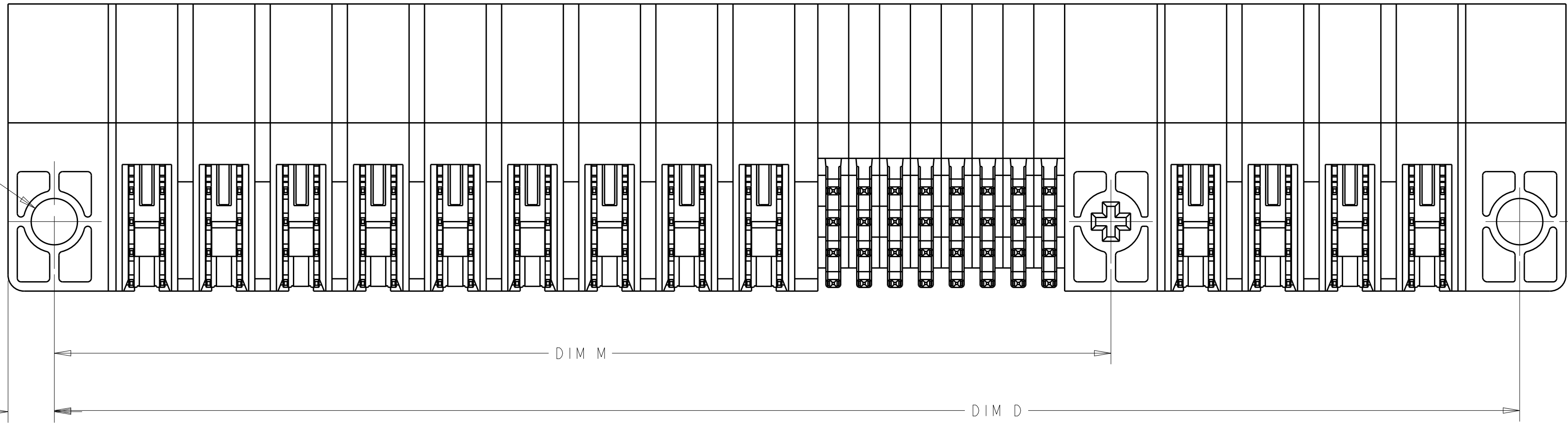
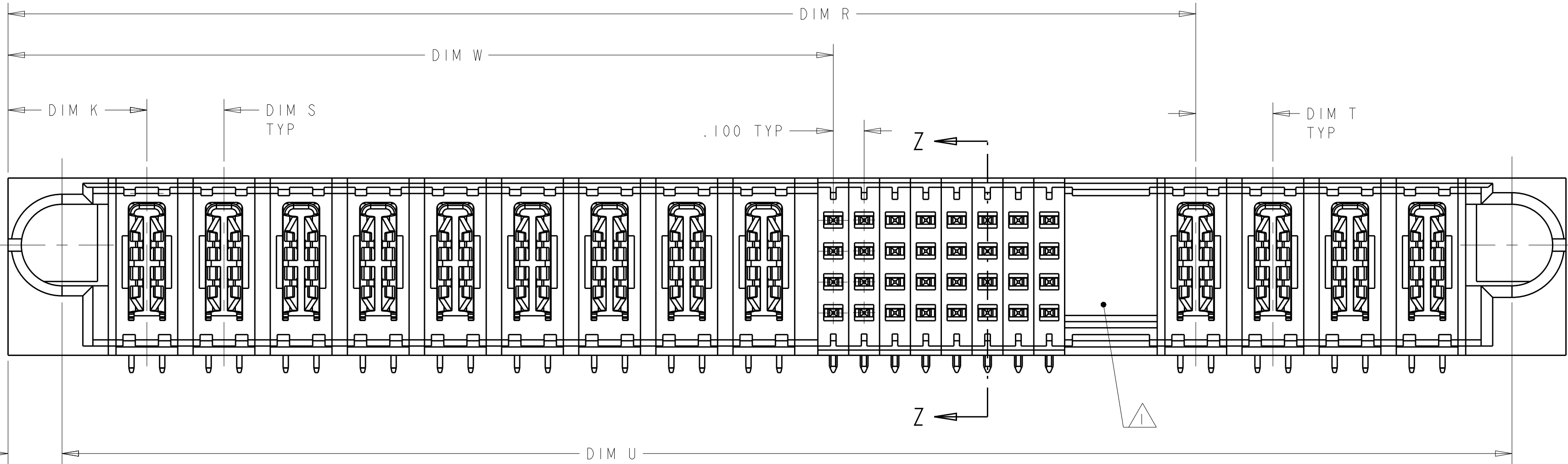
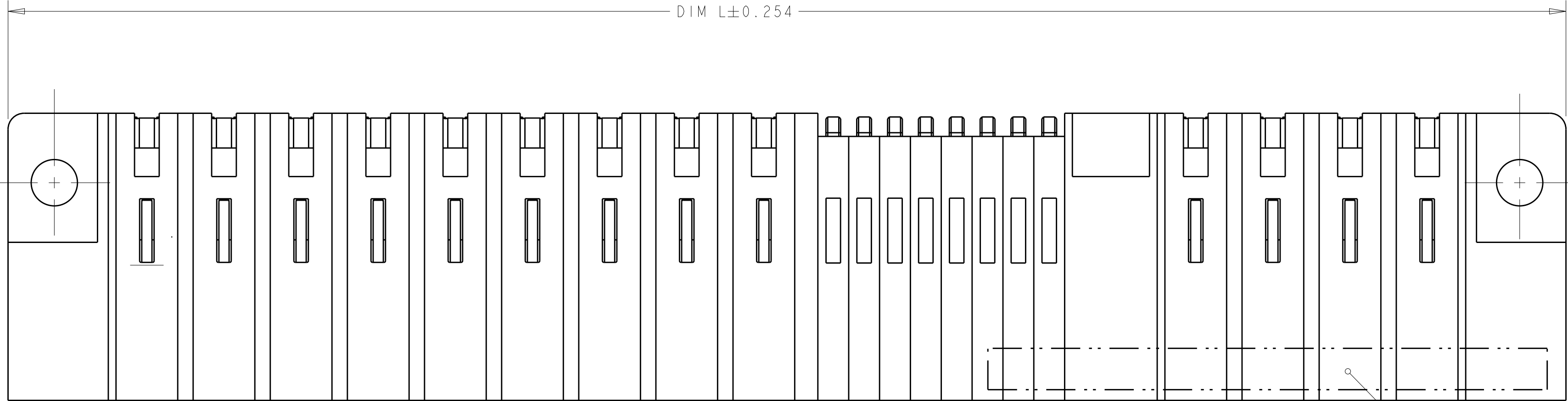
MECHANICAL CONNECTOR KEEP OUT ZONE.
- 6

DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 7

PCB - HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 8

PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn
OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 DIA HOLE.
- 10

VARIABLE DIMENSIONS SHOWN ON VIEW (SHEET 5,11)



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHERKE APVD M.PERCHERKE	28FEB05 28FEB05 -
DIMENSIONS: INCHES		PRODUCT SPEC	NAME
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL
0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		SIZE	RESTRICTED TO
MATERIAL		114-13038	-
FINISH		WEIGHT	-
3		4	-
CUSTOMER DRAWING		SCALE 4:1	SHEET 1 OF 19
		REV P9	

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

1.575	-	-	1.425	.700	1.625	-	1.925	.475	IP + 24S + IP	6-6450330-7
1.575	-	-	1.425	.700	1.625	-	1.925	.475	IP + 24S + IP	6-6450330-6
1.800	-	-	1.700	.625	1.850	-	2.150	.450	IP + 40S + IP	6-6450330-5
1.550	.250	.250	1.200	.900	1.600	-	1.900	.450	2P + 8S + 2P	6-6450330-4
1.300	-	-	1.200	.675	1.350	-	1.650	.450	IP + 16S + IP	6-6450330-3
2.300	.250	.250	1.700	1.175	2.350	-	2.650	.450	3P + 16S + 3P	6-6450330-1
7.350			5.225	3.925	7.400	-	7.700	.475	12P + 48S + 8P	6-6450330-0
2.600	.250	.250	2.250	1.925	2.650	-	2.950	.450	6P + 8S + 2P	5-6450330-9
4.500	.300	.300	2.875	2.175	4.550	-	4.850	.475	6ACP + 24S + 6ACP	5-6450330-8
2.400	.200	.200	2.100	.825	2.450	-	2.750	.450	2P + 48S + 2P	5-6450330-7
1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	5-6450330-6
1.200	-	-	1.100	.625	1.250	-	1.550	.450	IP + 16S + IP	5-6450330-5
3.550	.200		2.225	1.925	3.600	-	3.900	.500	7P + 8S + 7P	5-6450330-4
2.900	.250	.250	2.050	1.375	2.950	-	3.250	.450	4P + 24S + 4P	5-6450330-3
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	5-6450330-2
1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	5-6450330-1
2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	5-6450330-0
1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	4-6450330-9
1.575	.250	.250	1.425	.700	1.625	-	1.925	.475	IP + 24S + IP	4-6450330-7
1.600	.250	.250	1.250	.925	1.650	-	1.950	.450	2P + 8S + 2P	4-6450330-6
2.400	.250	.250	2.050	1.375	2.450	-	2.750	.450	4P + 24S + 2P	4-6450330-2
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	3-6450330-9
3.000	.250	.250	2.150	1.425	3.050	-	3.350	.450	4P + 24S + 4P	3-6450330-7
2.400	.250	.250	1.550	.875	2.450	-	2.750	.450	2P + 24S + 4P	3-6450330-5
.700	-	-	-	.375	.750	-	1.050	-	0P + 16S + 0P	3-6450330-1
2.800	.300	.250	1.950	1.275	2.850	-	3.150	.475	3ACP + 24S + 4P	2-6450330-8
2.800	.300	.300	2.075	1.325	2.850	-	3.150	.475	3ACP + 24S + 3ACP	2-6450330-6
3.300	.250	.250	2.450	1.375	3.350	-	3.650	.450	4P + 40S + 4P	2-6450330-3
2.700	.200	.200	2.000	1.225	2.750	-	3.050	.450	4P + 28S + 4P	1-6450330-8
2.000	.250	.250	1.650	.925	2.050	-	2.350	.450	2P + 24S + 2P	1-6450330-4
3.150	.250	.250	2.300	1.625	3.200	-	3.500	.450	5P + 24S + 4P	1-6450330-3
.900	-	-	-	.375	.950	-	1.250	-	0P + 24S + 0P	1-6450330-2
1.575	.250	.250	1.425	.700	1.625	-	1.925	.475	IP + 24S + IP	1-6450330-1
4.000			2.750	2.075	4.050	-	4.350	.450	2ACP + 5P + 24S + 6P	1-6450330-0
2.800	.250	.250	1.950	1.375	2.850	-	3.150	.450	4P + 20S + 4P	6450330-9
1.575	.250	.250	1.425	.700	1.625	-	1.925	.475	IP + 24S + IP	6450330-8
3.300	.300	.250	1.950	1.275	3.350	-	3.650	.475	3ACP + 24S + 6P	6450330-7
1.900	NA	NA	.975	.625	1.950	-	2.250	.450	IP + 12S + 5P	6450330-6
4.000	NA	NA	2.750	2.075	4.050	-	4.350	.450	3ACP + 4P + 24S + 6P	6450330-5
2.550	.300	.250	2.150	1.525	2.600	-	2.900	.475	3ACP + IP + 24S + 2P	6450330-4
4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	6450330-3
1.575	.250	.250	1.425	.700	1.625	-	1.925	.475	IP + 24S + IP	6450330-1
U	S	T	R	W	D	M	L	K	DESCRIPTION	PART NUMBER

1.200	-	-	1.100	.625	1.250	-	1.550	.450	IP + 16S + IP	6-6450330-9
4.125	.300	.250	2.775	1.900	4.175	-	4.475	.475	5ACP + 32S + 6P	6-6450330-8
U	S	T	R	W	D	M	L	K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

DWN R. GRZYBOWSKI 28FEB05
CHK M. PERCHERKE 28FEB05
APVD M. PERCHERKE

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

CUSTOMER DRAWING

NAME

SIZE A1
CAGE CODE 00779
DRAWING NO. 6450330

RESTRICTED TO -

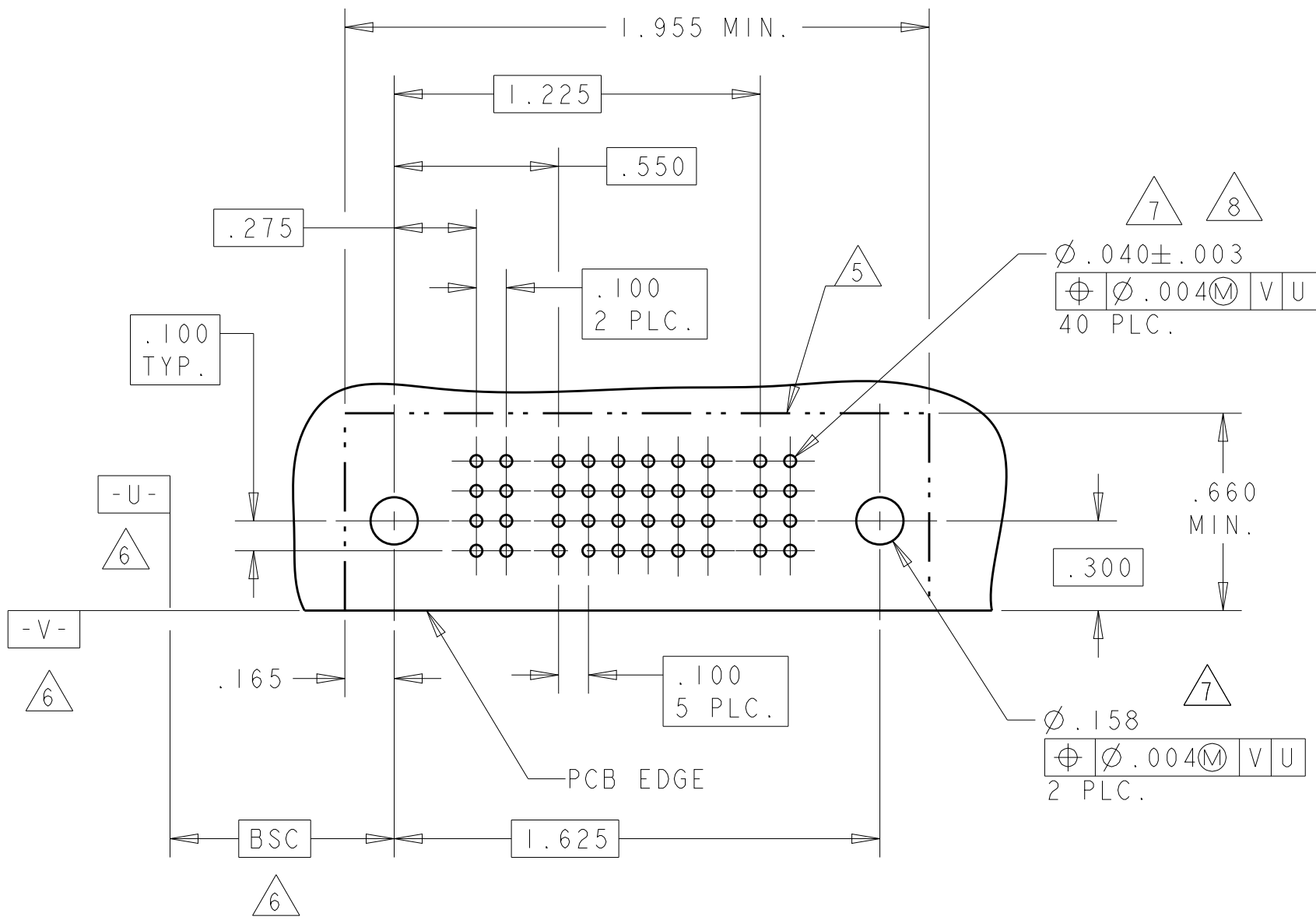
TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY
SOLDER TAILS, W/GUIDES
MULTI-BEAM XL

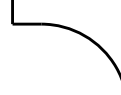
SCALE 1:1
SHEET 2 OF 19
REV P9

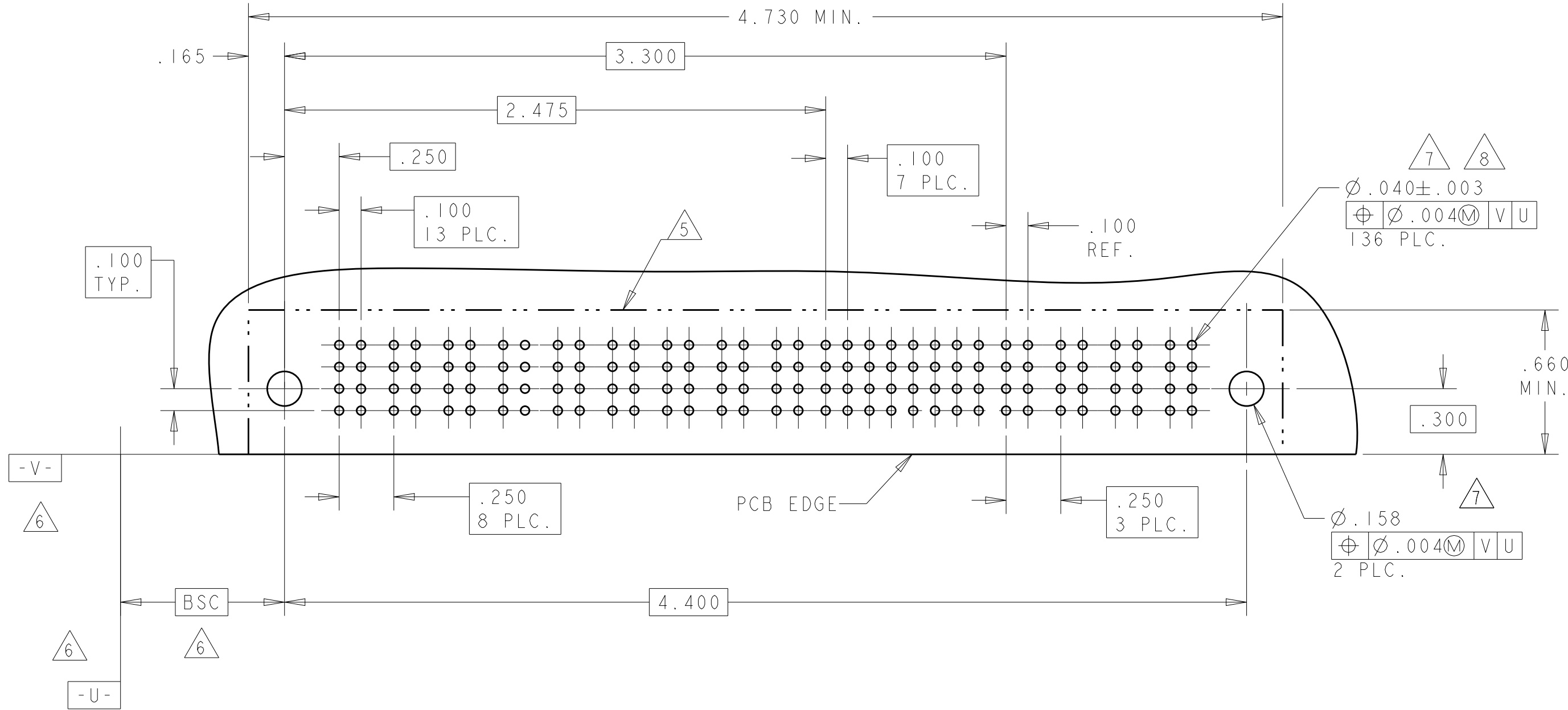
PART NUMBER	ROWS		POWER	SIGNAL						POWER	
			P1	1	2	3	4	5	6	P2	
6450330-1	D C B A		PM	J	J	J	J	J	J	PM	
				K	K	K	K	K	K		
				N	N	N	G	N	N		
				S	S	S	S	S	S		
IP + 24S + IP											

PART NUMBER	ROWS		POWER	SIGNAL						POWER	
			P1	1	2	3	4	5	6	P2	
4-6450330-7	D C B A		PM 	E	E	E	E	E	J	PM 	
				F	F	F	F	F	K		
				N	N	N	N	N	N		
				S	S	S	S	S	S		
IP + 24S + IP											



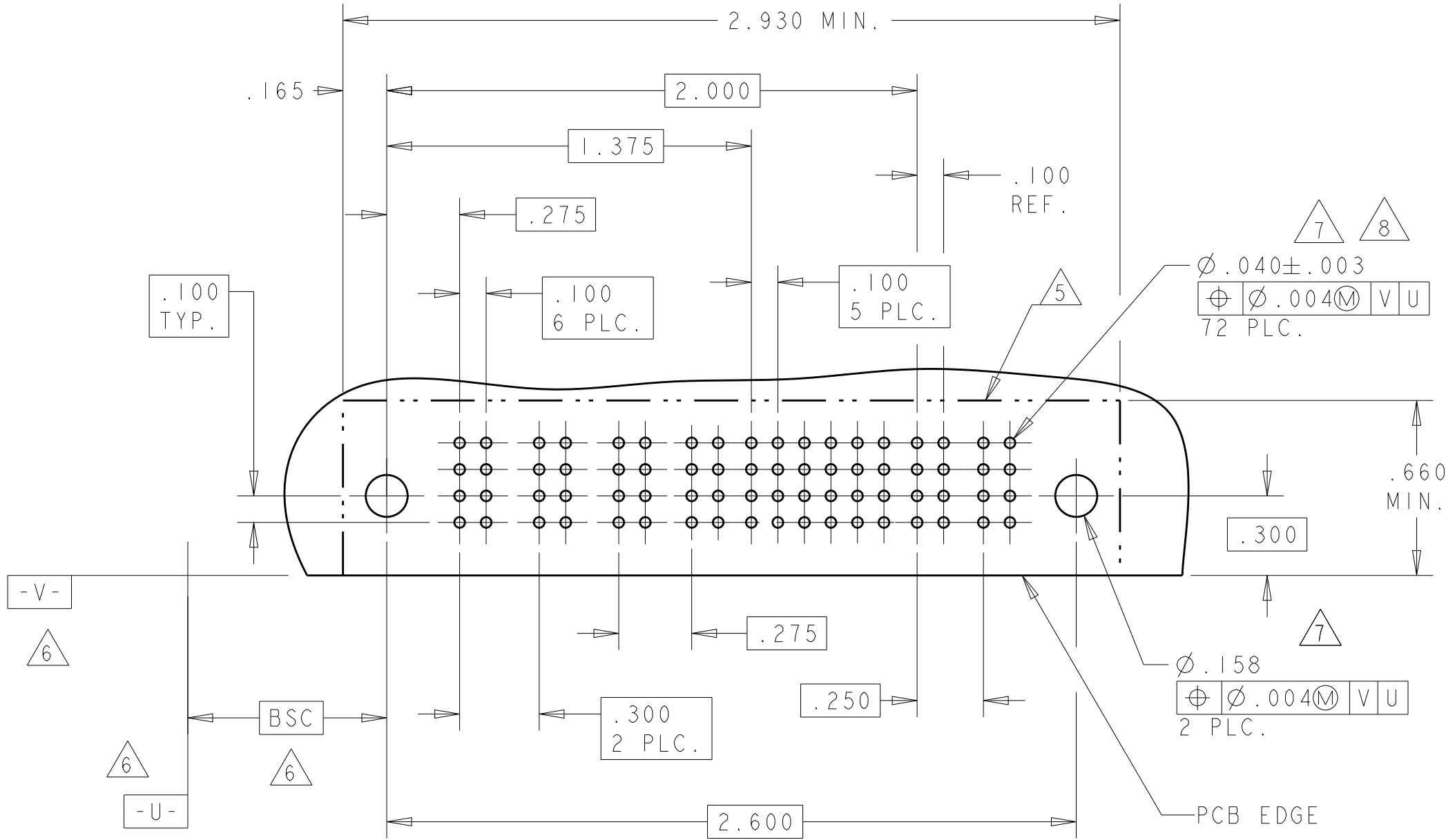
6450330-1 AND 4-6450330-7 SHARE THE SAME LAYOUT

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			
6450330-3	D C B A											J	J	J	J	J	E	E	E							
												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					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER				SIGNAL						POWER		
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	
6450330-4	D C B A		PM	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			.275 REF.												



FS	MFBL	.135	A
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
FS	MFBL	.135	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			

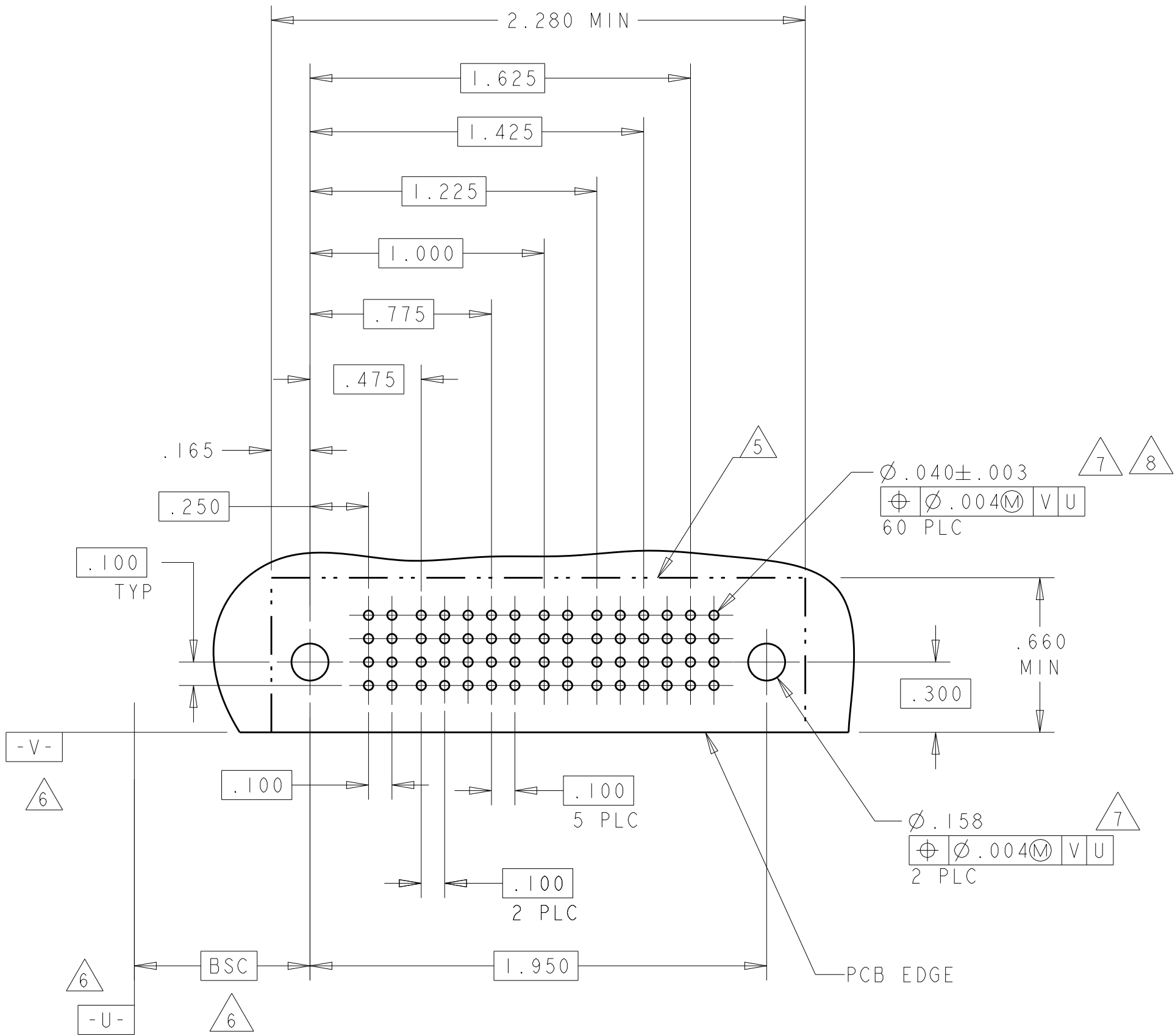
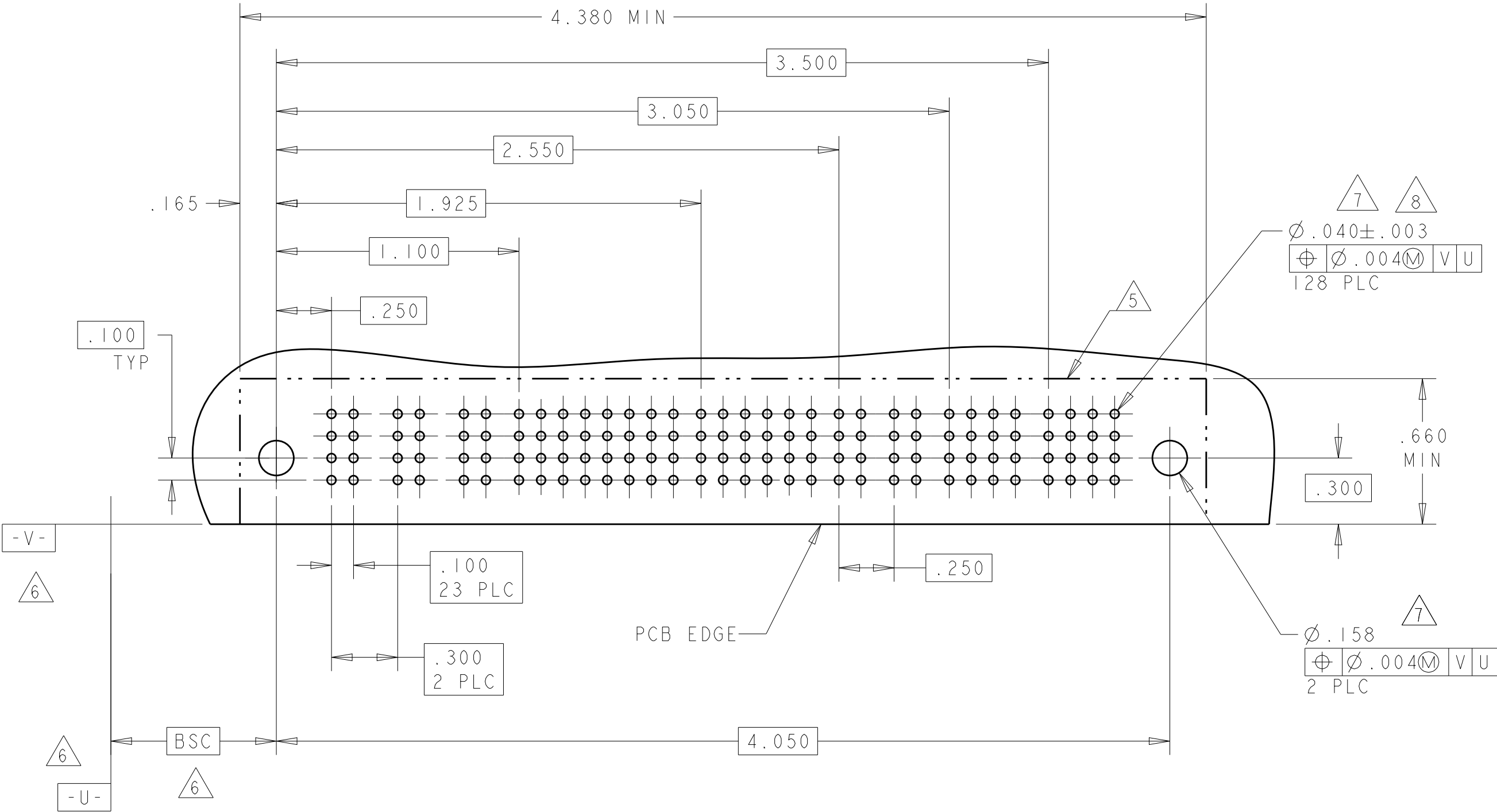
PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 28FEB05	 TE Connectivity		
		CHK M. PERCHERKE 28FEB05			
DIMENSIONS: INCHES		APVD M. PERCHERKE		NAME RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL	
		PRODUCT SPEC			
		108-1973			
		APPLICATION SPEC			
		114-13038			
		WEIGHT			
		-			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE			CASE CODE DRAWING NO RESTRICTED TO
0 PLC ±.01		A100779C=6450330			
1 PLC ±.01					
2 PLC ±.005					
3 PLC ±.005					
4 PLC ±.0020		SCALE		SHEET 3 OF 19 REV P	
ANGLES ±.0020		1:1			
FINISH					
MATERIAL		CUSTOMER DRAWING			

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

PART NUMBER	ROWS		POWER							SIGNAL						POWER						
			P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	P8	P9	P10	P11	P12	P13	
6450330-5	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								
3ACP + 4P + 24S + 6P																						

PART NUMBER	ROWS		POWER			SIGNAL					POWER					
			P1	1	2	3	P2	P3	P4	P5	P6					
6450330-6	D C B A		PM	J	J	J	PM	PM	PM	PM	PM					
				K	K	K										
				N	N	N										
				S	S	S										
1P + 12S + 5P			 10 .225 10 .225 10 .200 2 PLC													



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	28FEB05 28FEB05 -
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-1973	NAME
	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.2° FINISH	APPLICATION SPEC 114-13038	SIZE
MATERIAL		WEIGHT	CAGE CODE
CUSTOMER DRAWING		SCALE	REV

TE Connectivity

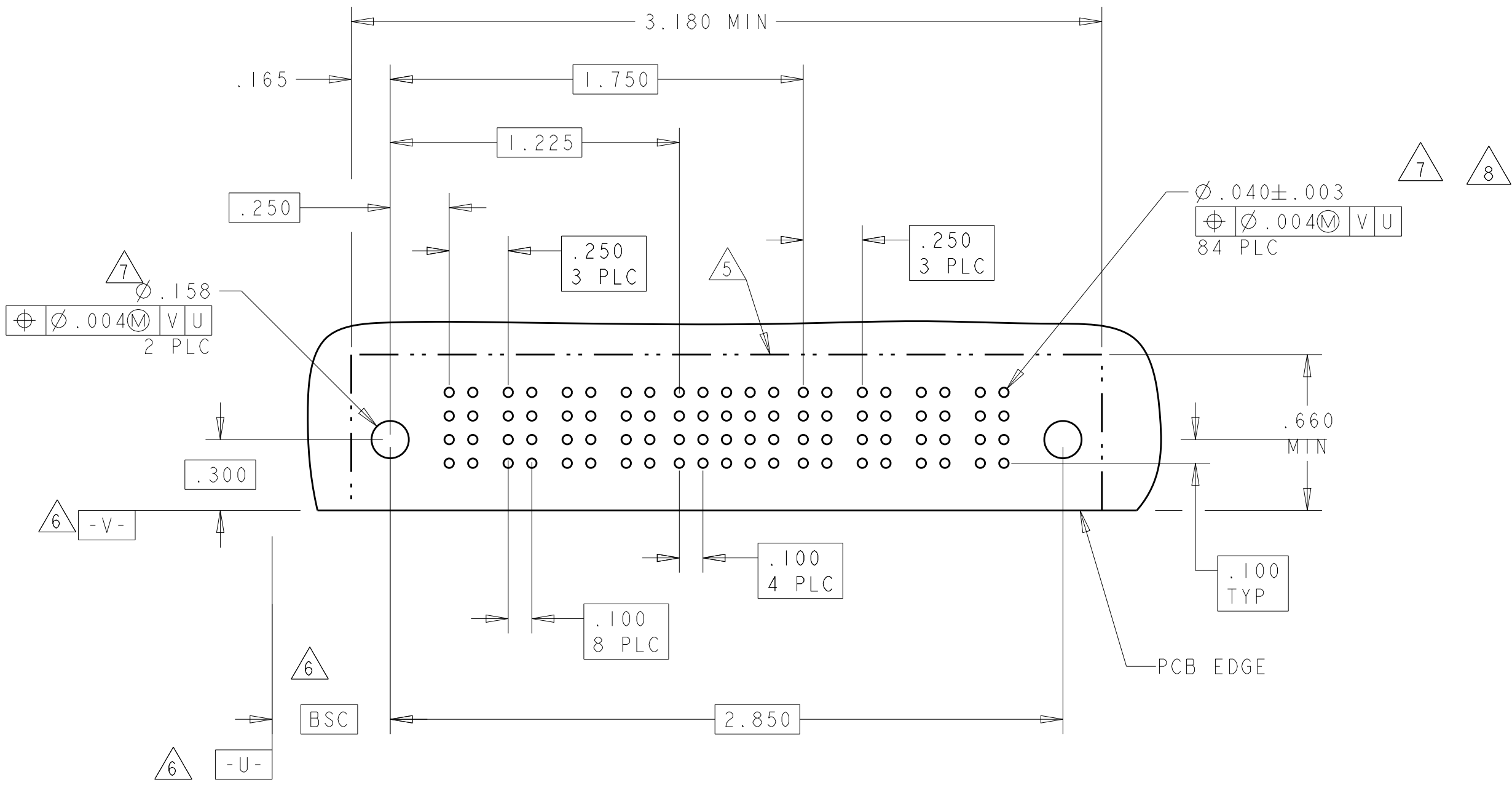
RIGHT ANGLE HEADER ASSEMBLY
SOLDER TAILS, W/GUIDES
MULTI-BEAM XL

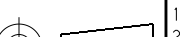
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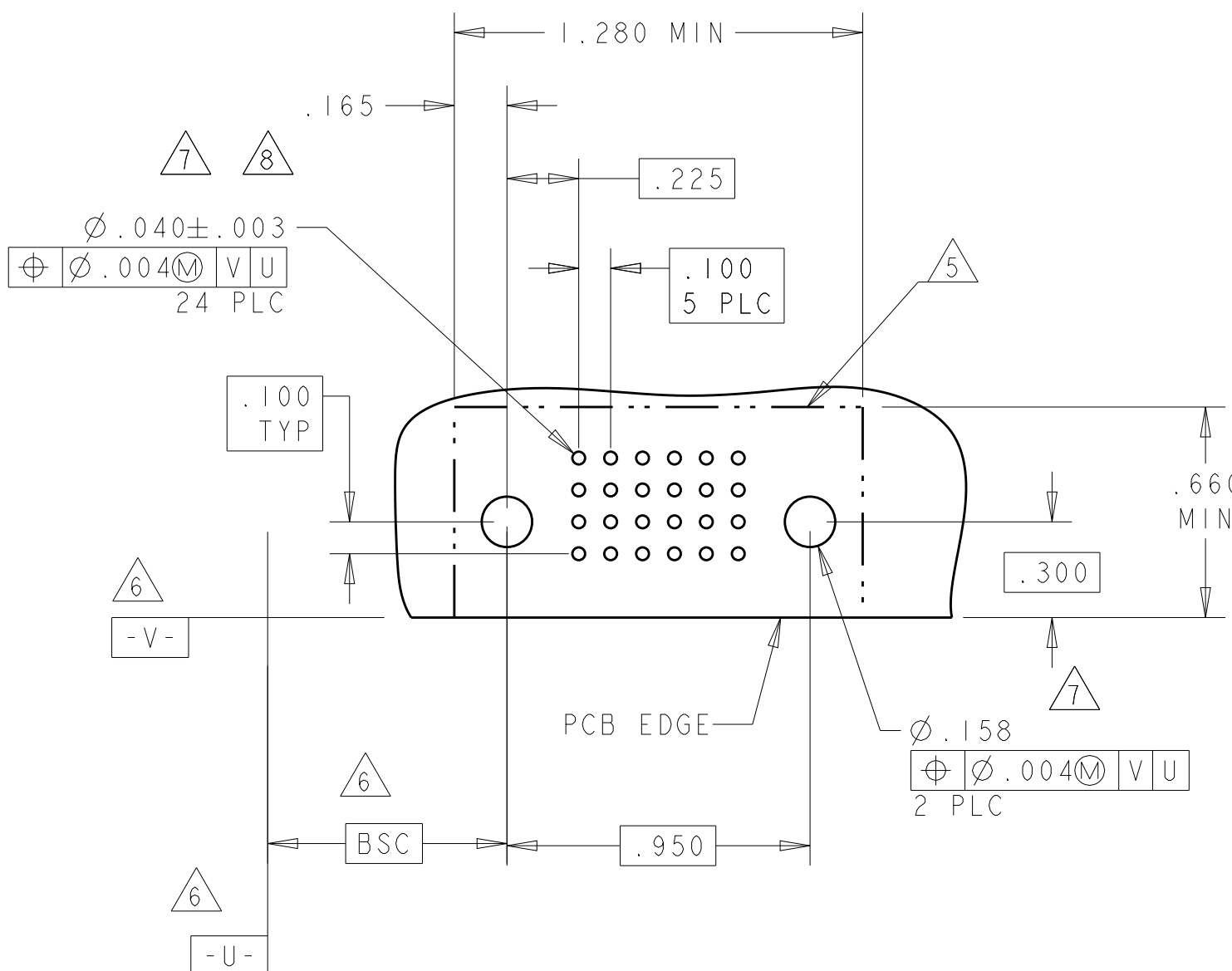
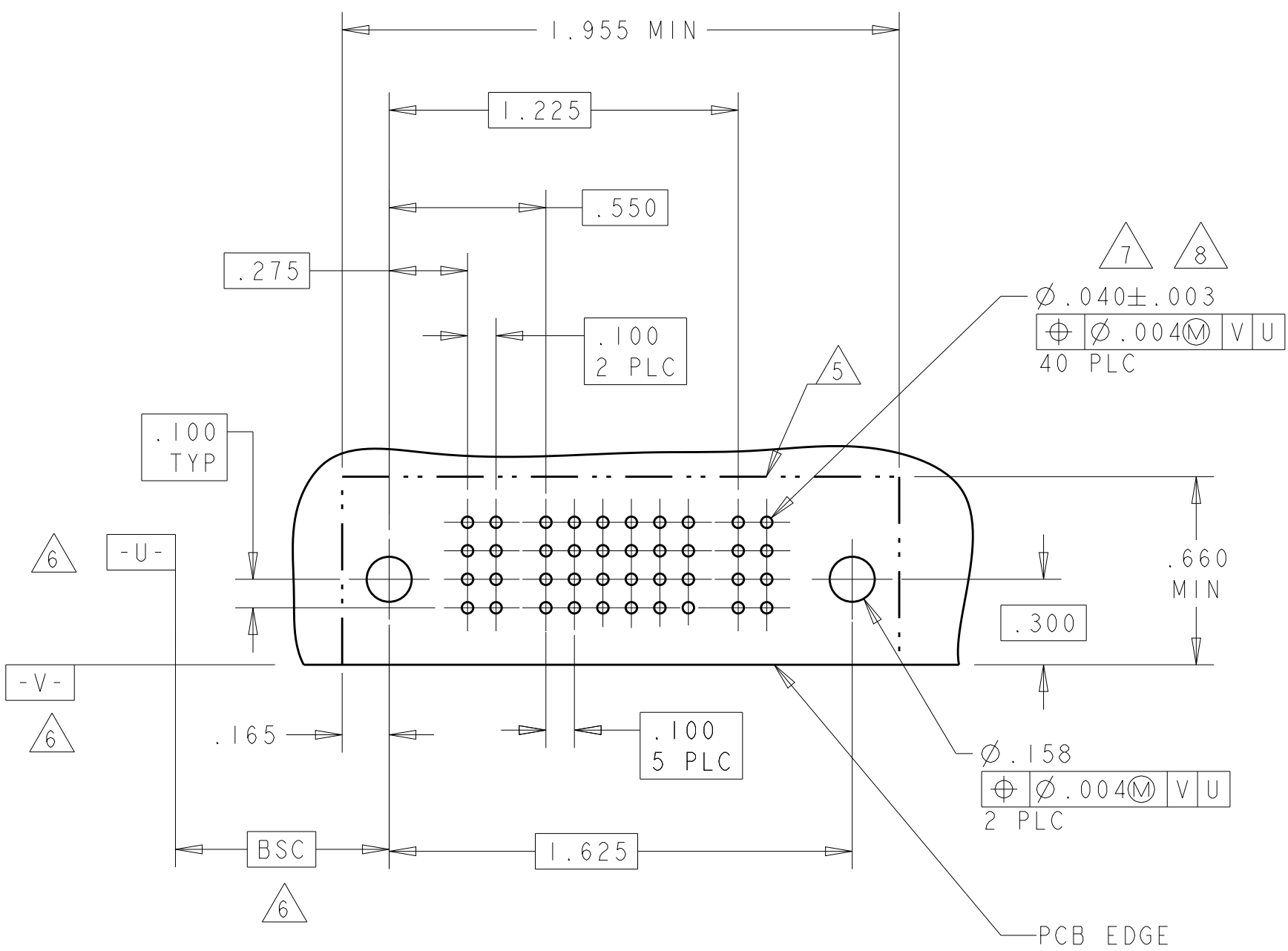
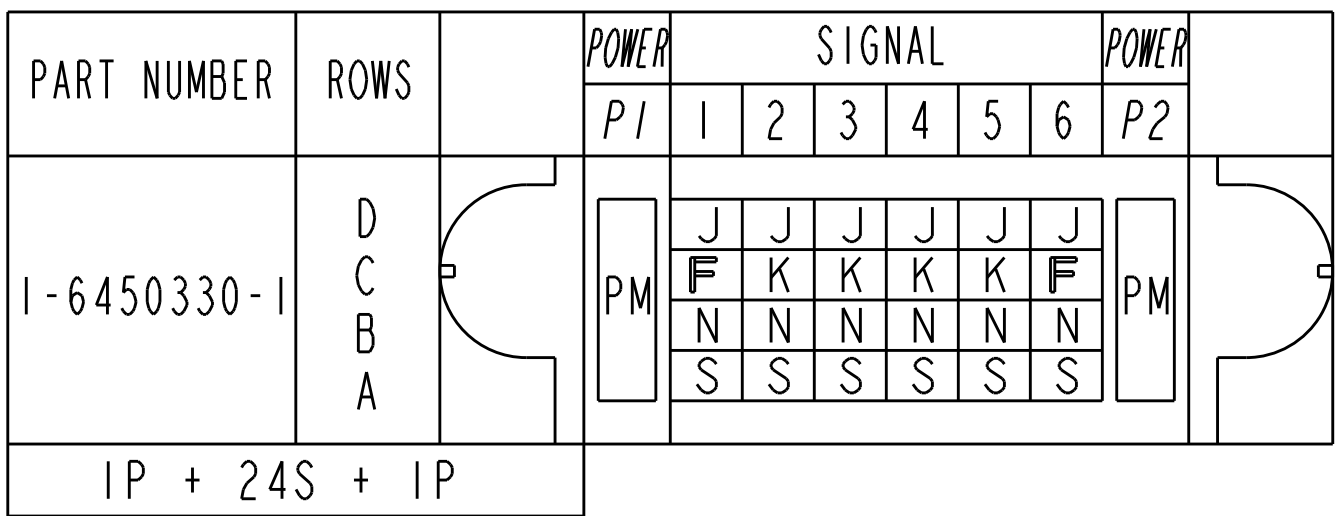
4 OF 19

P.9

PART NUMBER	ROWS		POWER				SIGNAL					POWER				
			P1	P2	P3	P4	1	2	3	4	5	P5	P6	P7	P8	
6450330-9	D					J	J	J	J	J						
	K					K	K	K	K							
	N					N	G	N	N							
	S					S	S	S	S							
4P + 20S + 4P																

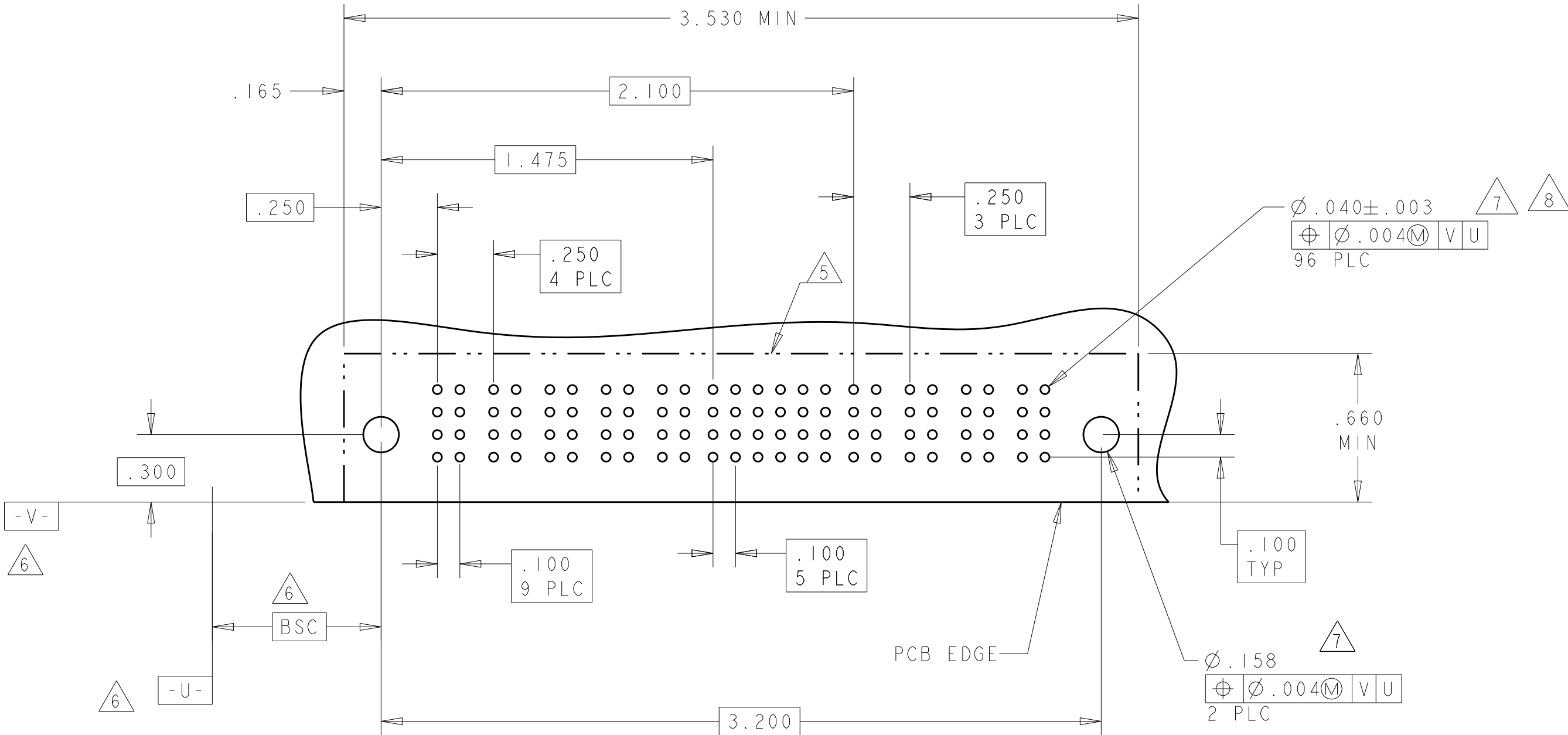
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 28FEB05		TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE 28FEB05		NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE		RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL	
		PRODUCT SPEC 108-1973		SIZE	
0 PLC ± 1 PLC ± 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±?°		APPLICATION SPEC 114-13038		CAGE CODE DRAWING NO	
MATERIAL		WEIGHT		A 100779 ©=6450330	
FINISH		-		RESTRICTED TO	
		CUSTOMER DRAWING		SCALE 1:1 SHEET 5 OF 19 REV Pg	

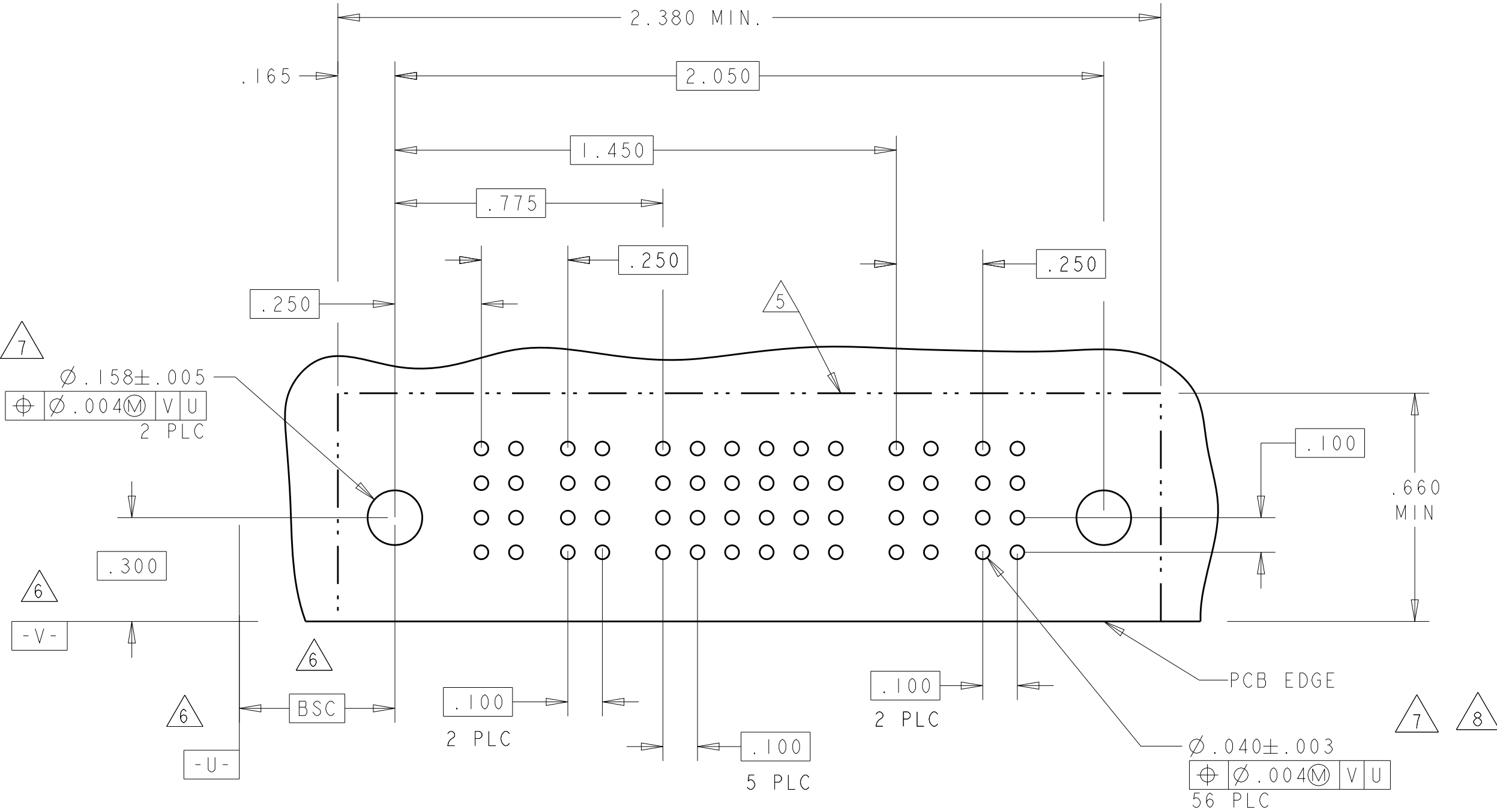


LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

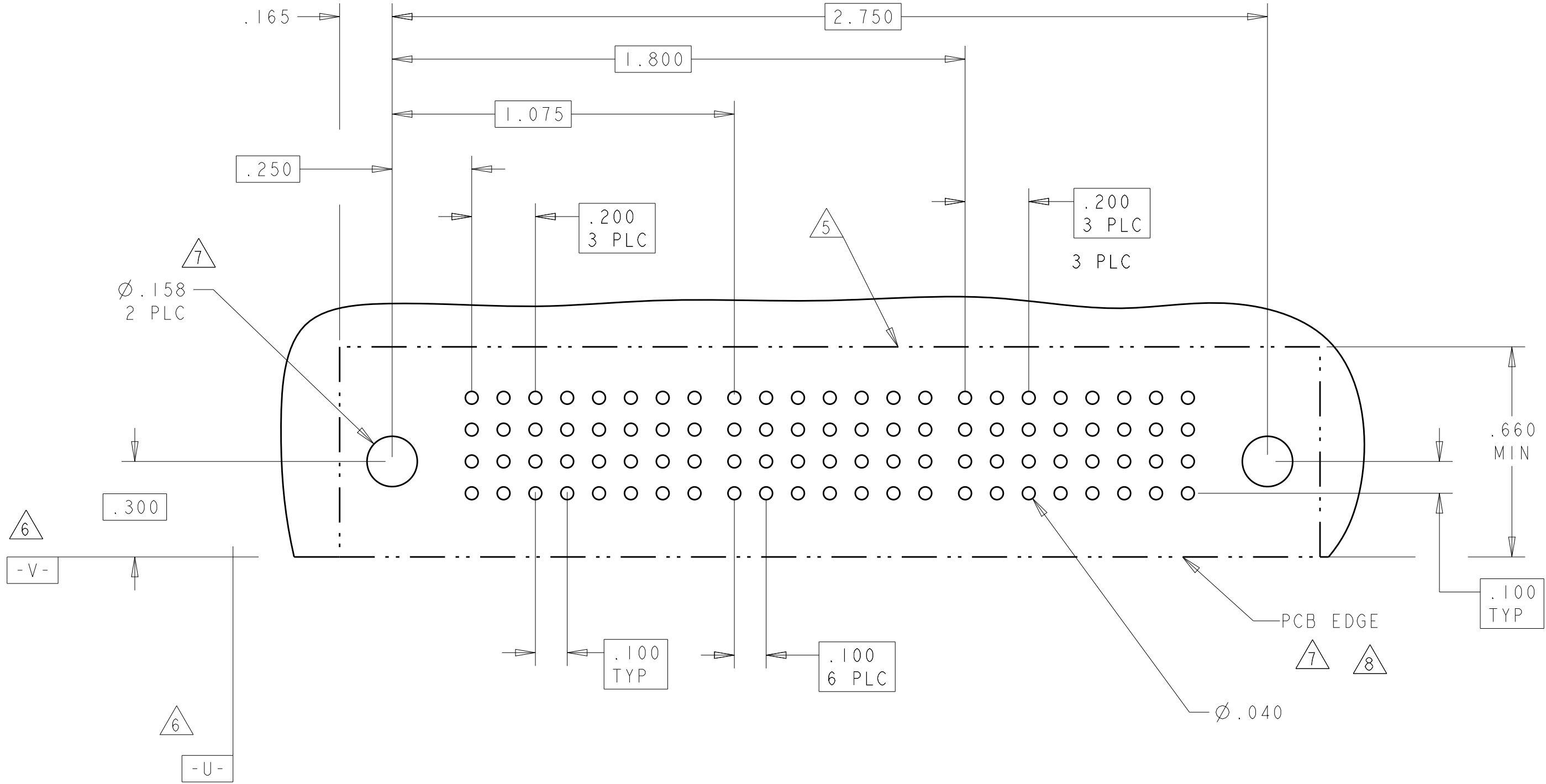
PART NUMBER	ROWS		POWER					SIGNAL						POWER				
			P1	P2	P3	P4	P5	1	2	3	4	5	6	P6	P7	P8	P9	
I-6450330-3	D C B A		PA	PA	PA	PA	PA	Z	Z	Z	Z	Z	Z	PA	PA	PA	PA	
								Y	Y	Y	Y	Y	Y					
								R	R	R	R	R	R					
5P + 24S + 4P								A1	A1	A1	A1	O	O					



PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
I-6450330-4	D		PM	PM	J	J	E	J	J	J	PM	PM	
	K				K	K	K	K	K				
	N				N	G	N	N	N				
	S				S	S	S	S	S				
2P + 24S + 2P													



PART NUMBER	ROWS		POWER				SIGNAL							POWER					
			P1	P2	P3	P4	1	2	3	4	5	6	7	P5	P6	P7	P8		
I-6450330-8	D C B A		PM	PM	PM	PM	J	J	J	J	J	J	J	PM	PM	PM	PM		
							K	K	K	K	K	K	K						K
							N	N	N	G	N	N	N						N
							S	S	S	S	S	S	S						S
4P + 28S + 4P																			



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: R.GRZYBOWSKI 28FEB05
CHK: M.PERCHEKKE 28FEB05
APVD: M.PERCHEKKE

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.
1 PLC ±.
2 PLC ±.01
3 PLC ±.05
4 PLC ±.0020
ANGLES ±2°
FINISH

PRODUCT SPEC: 108-1973

APPLICATION SPEC: 114-13038

WEIGHT: -

CUSTOMER DRAWING

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

SIZE: A1
CAGE CODE: 100779
DRAWING NO: 6450330

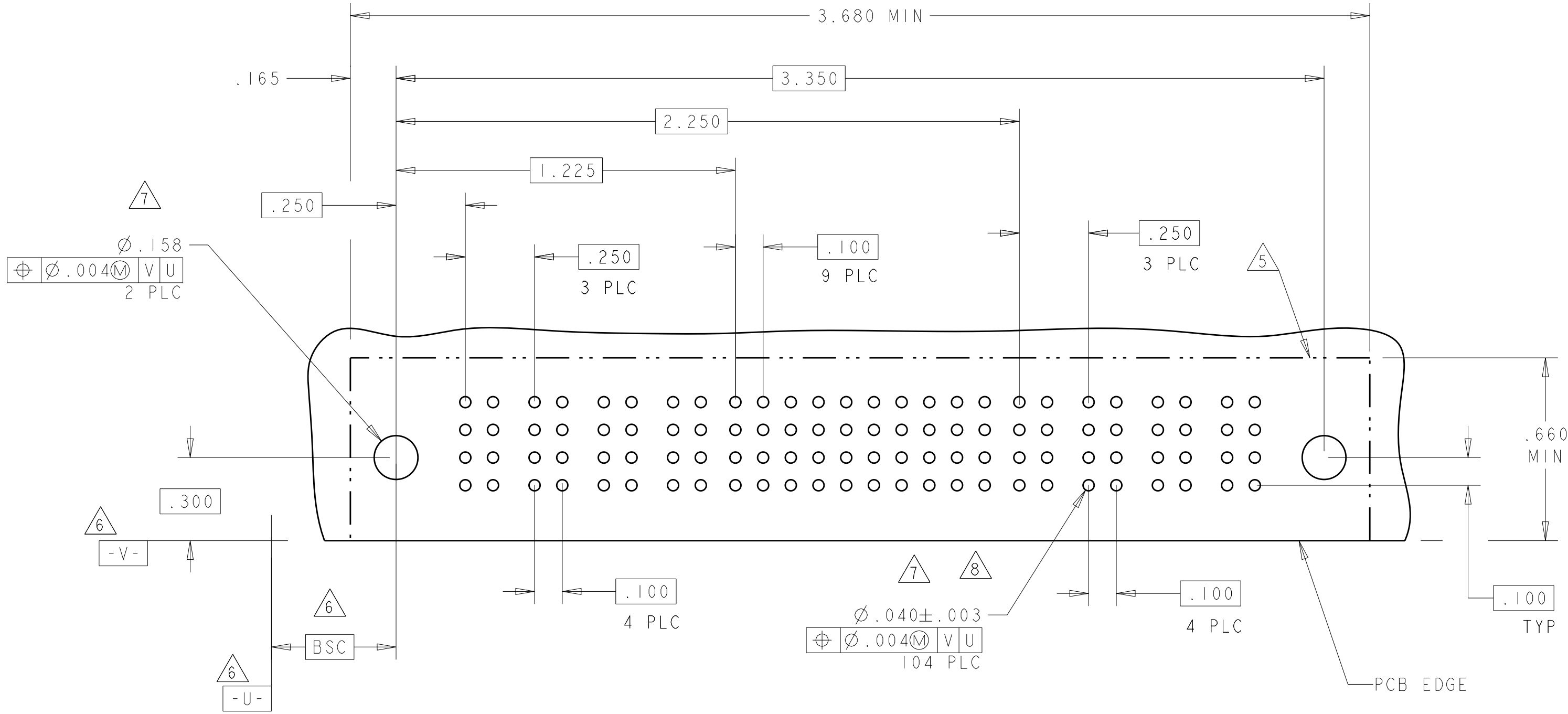
RESTRICTED TO: -

SCALE: 1:1
SHEET: 7 OF 19
REV: P9

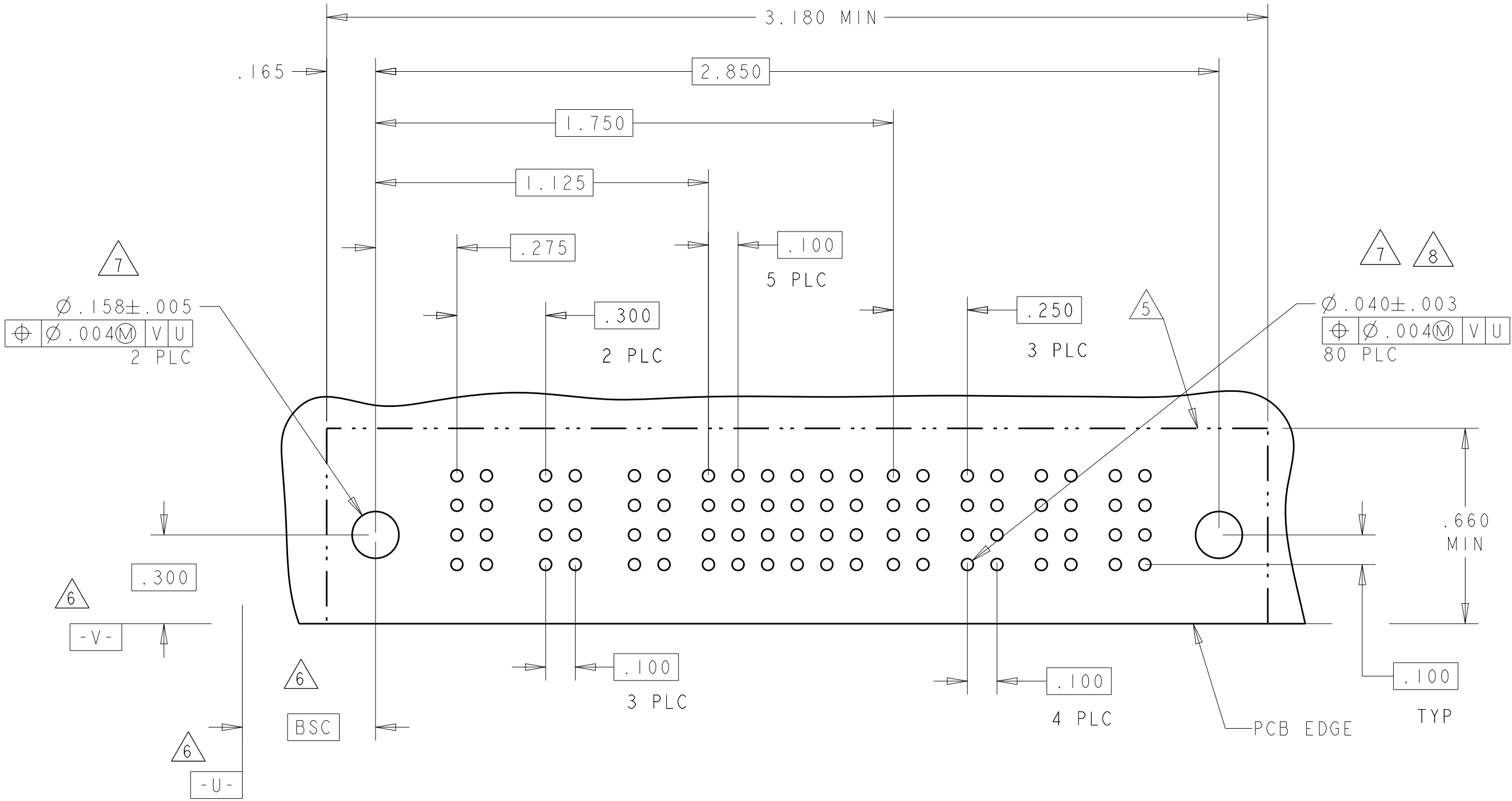
TE Connectivity

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

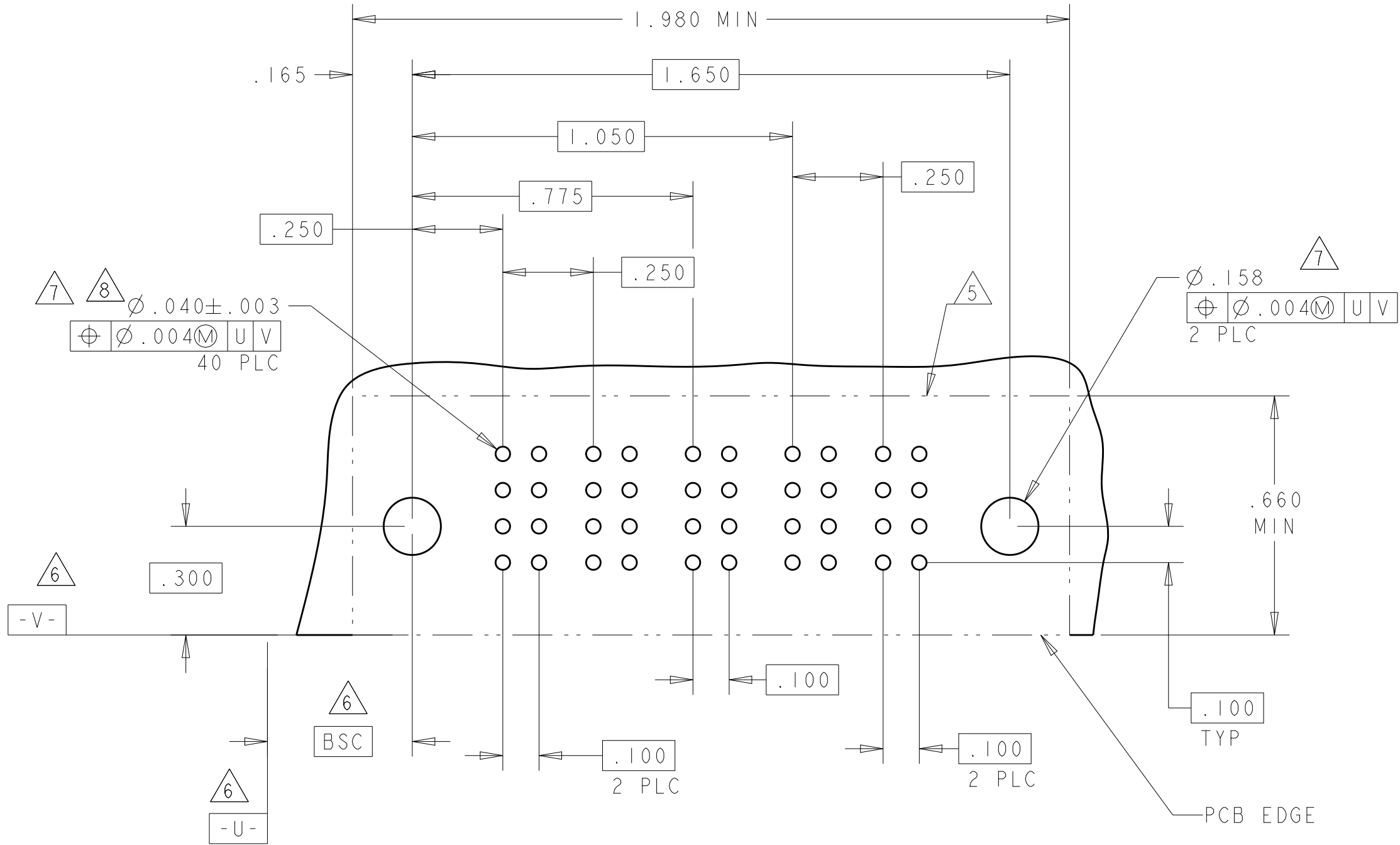
PART NUMBER	ROWS		POWER				SIGNAL										POWER						
			P1	P2	P3	P4	1	2	3	4	5	6	7	8	9	10	P5	P6	P7	P8			
2-6450330-3	D C B A		PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM			
							K	K	K	K	K	K	K	K	K	K						K	K
							N	N	N	N	N	N	N	N	N	N						N	N
							H	S	S	S	S	S	S	S	S	S						H	
4P + 40S + 4P																							



PART NUMBER	ROWS		POWER			SIGNAL						POWER				
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	
2-6450330-8	D C B A		PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	
						K	K	K	K	K	K					
						N	N	N	N	N	N					
						H	S	S	S	S	S					
3ACP + 24S + 4P																



PART NUMBER	HOUSING P/N	ROWS		POWER		SIGNAL		POWER		
				P1	P2	1	2	P3	P4	
4-6450330-6	4-1450310-5	D C B A								
						J	J			
						K	K			
						N	N			
2P + 8S + 2P										

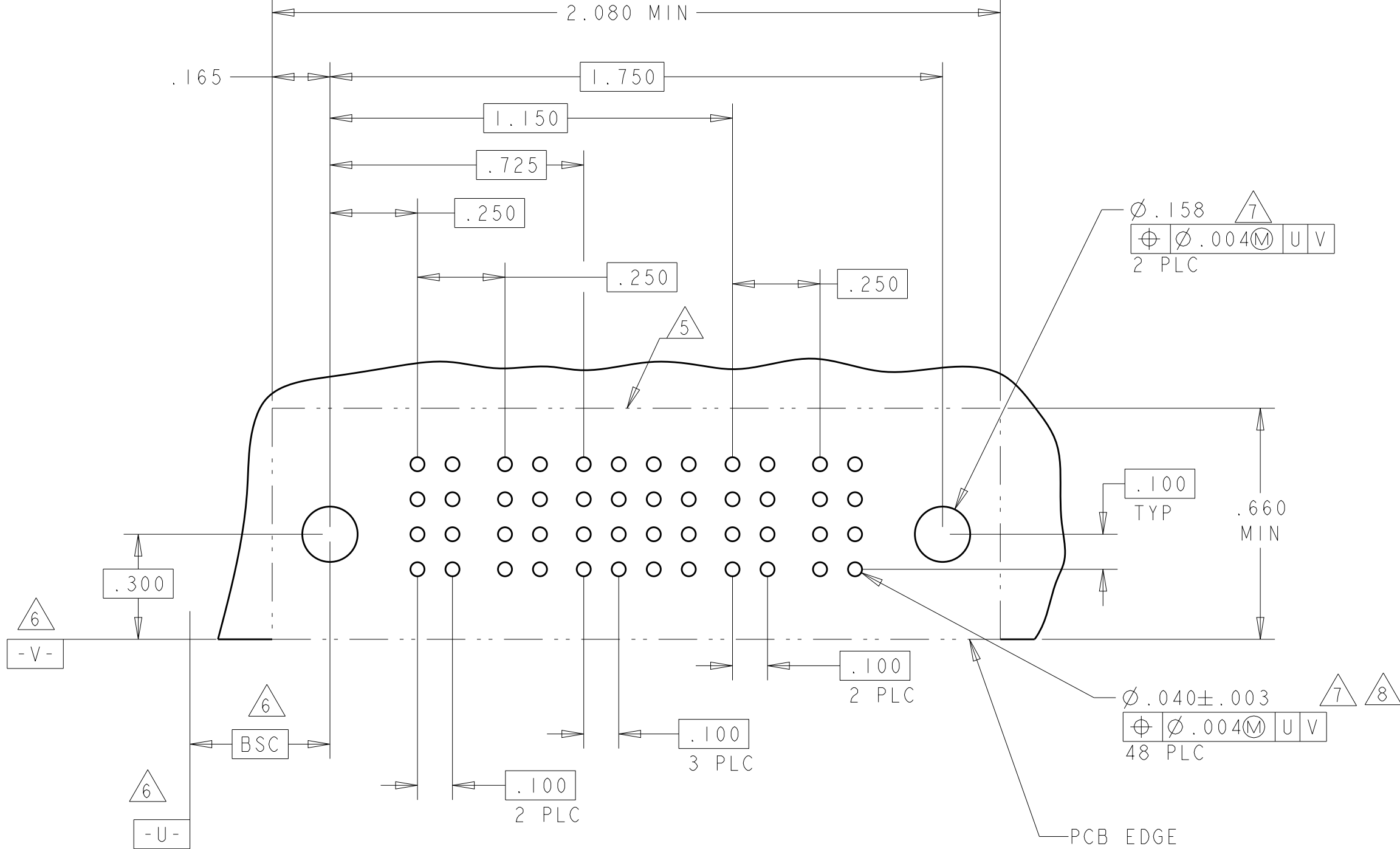
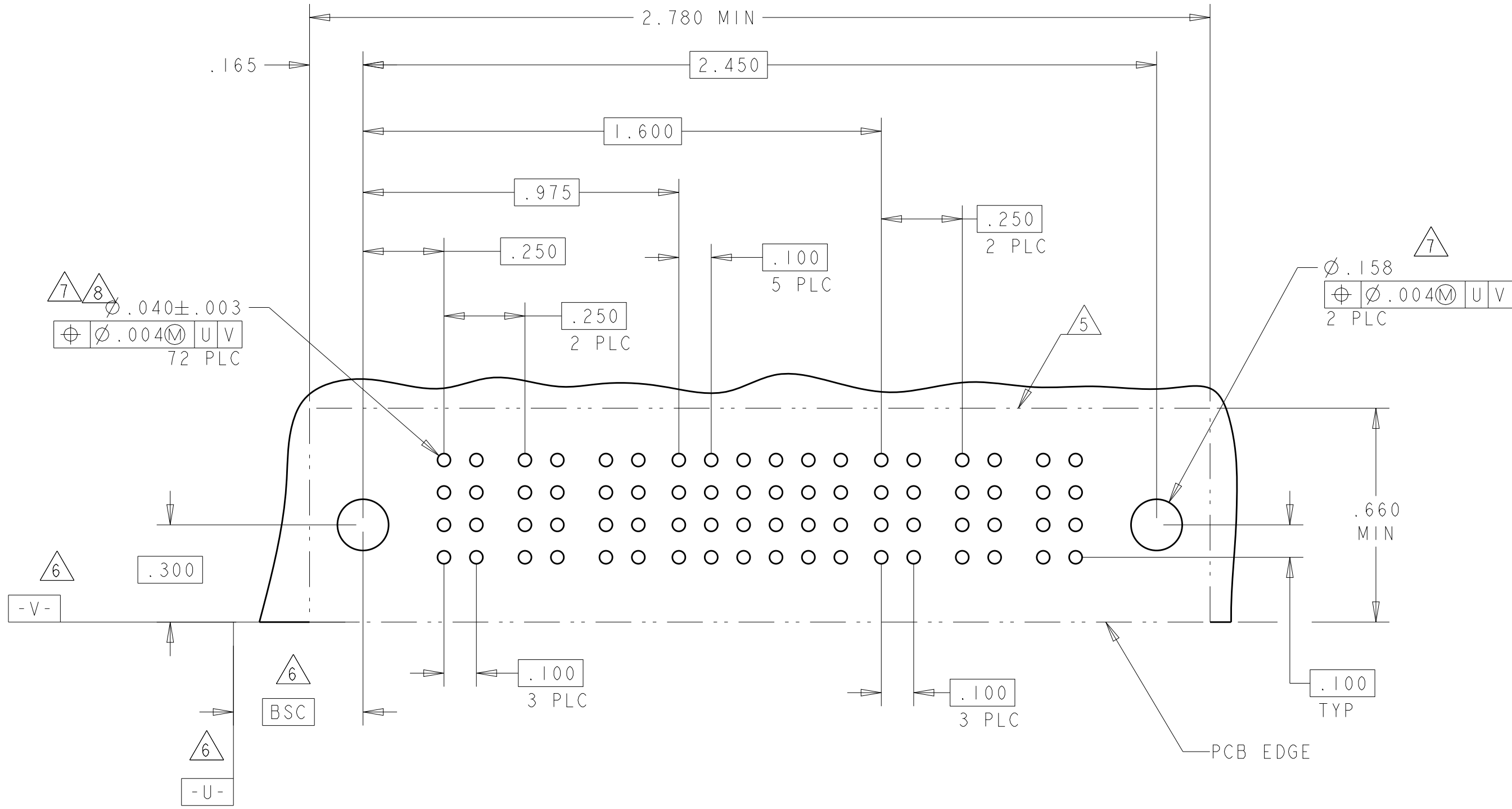


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	28FEB05 28FEB05 -
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	NAME RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL
MATERIAL	FINISH	WEIGHT -	SIZE A100779
CUSTOMER DRAWING		SCALE 1:1	SHEET 8 OF 19

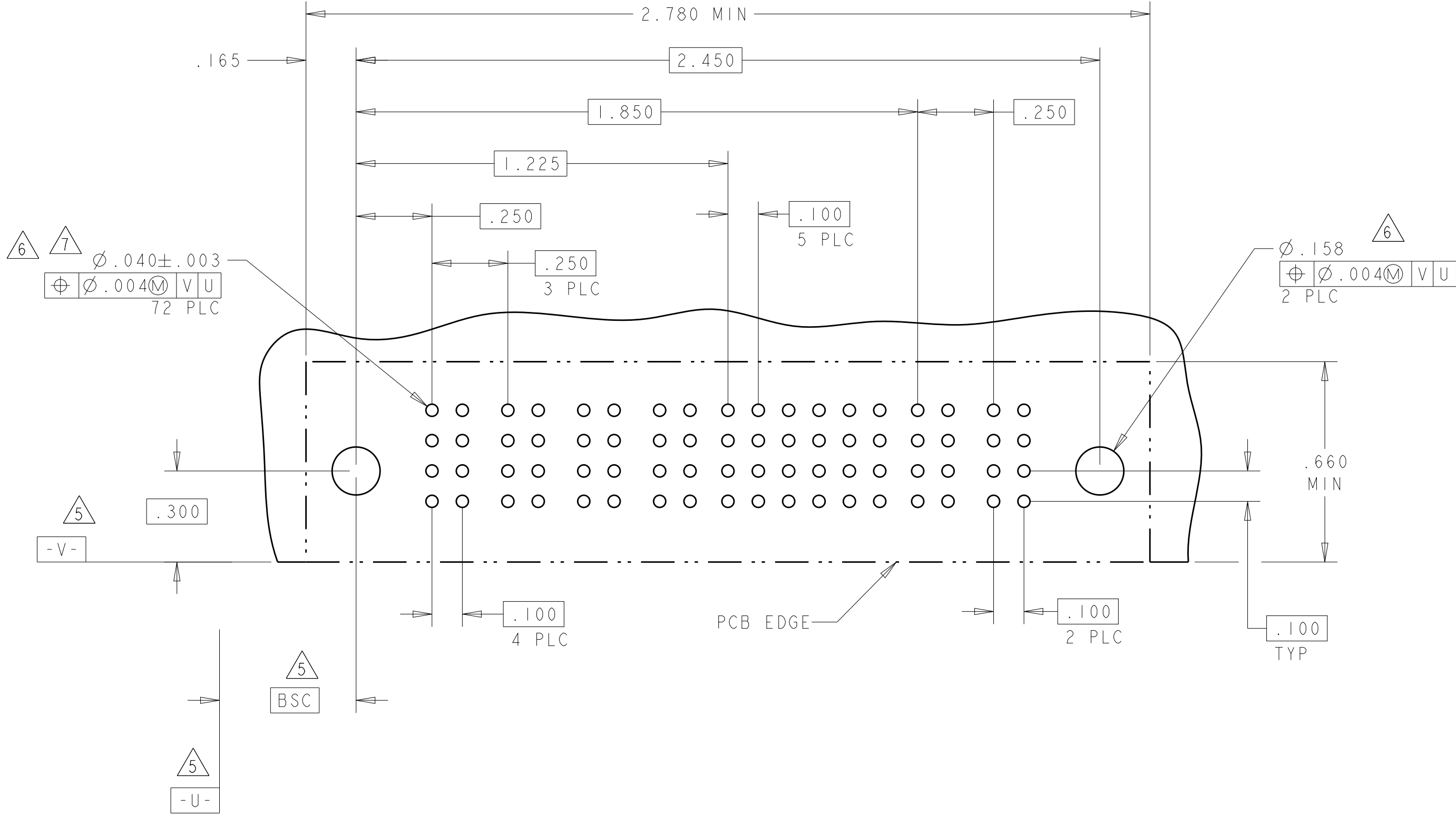
LOC	DIST	REVISIONS			
ES	00	P	LTR	DESCRIPTION	DATE
		-	-	SEE SHEET 1	-

PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
3-6450330-9	D				J	E	E	E	E	E			
	C				F	F	F	F	F	K			
	B				G	G	G	G	G	N			
	A				H	H	H	H	H	H			
3P + 24S + 3P													

PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P1	P2	1	2	3	4	P3	P4
4-6450330-9	D			J	E	J	J		
	C			K	F	K	K		
	B			N	G	N	N		
	A			S	H	S	S		
2P + 16S + 2P									



PART NUMBER	ROWS	POWER				SIGNAL						POWER	
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6
4-6450330-2	D					J	J	J	J	J	J		
	C					F	K	K	K	K	K		
	B					N	N	N	N	N	N		
	A					S	S	S	S	S	S		
4P + 24S + 2P													



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI 28FEB05
CHK: M. PERCHERKE 28FEB05
APVD: M. PERCHERKE

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

NAME

RIGHT ANGLE HEADER ASSEMBLY
SOLDER TAILS, W/GUIDES
MULTI-BEAM XL

SIZE

A1

CAGE CODE

00779

DRAWING NO

6450330

RESTRICTED TO

-

SCALE

1:1

SHEET

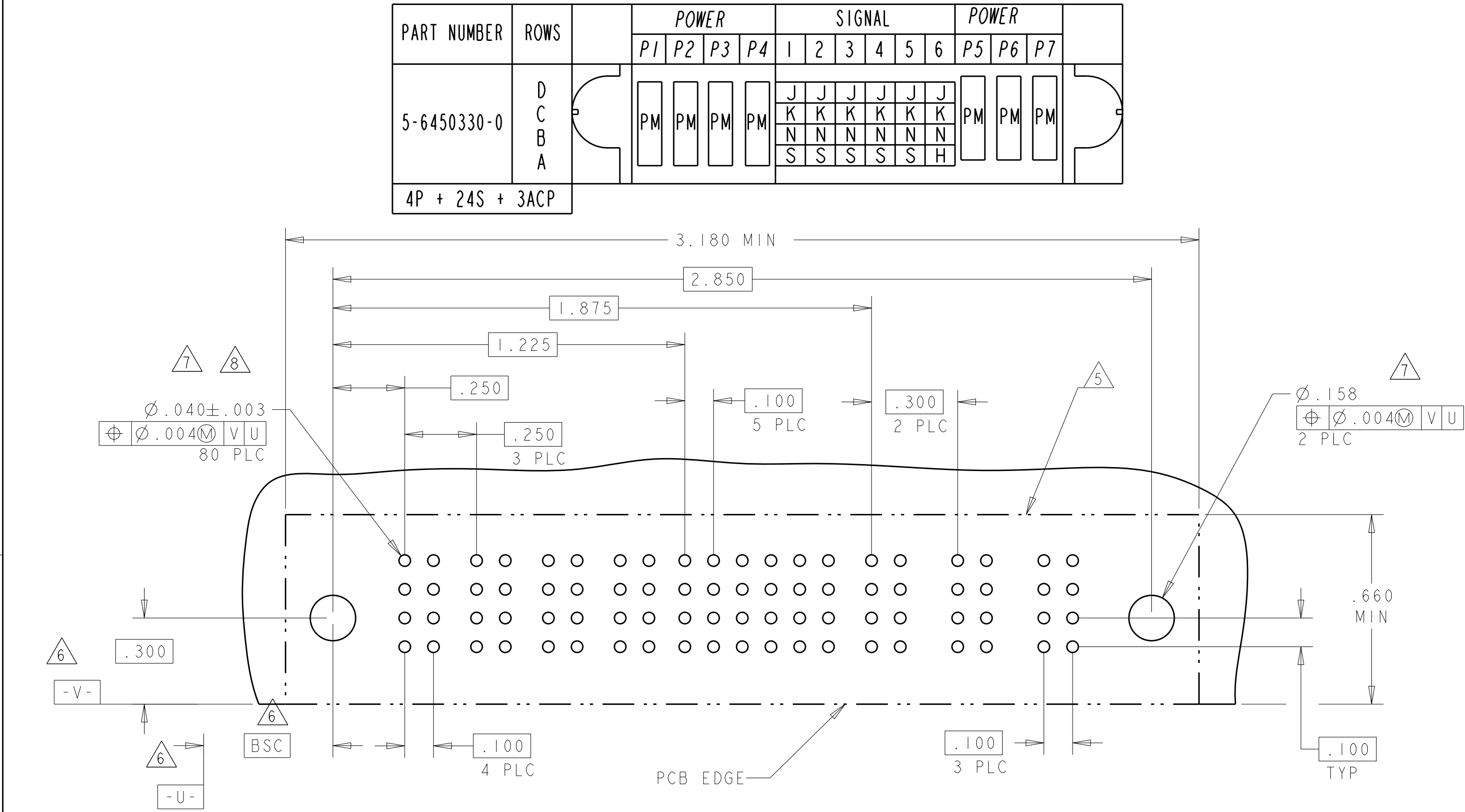
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OF

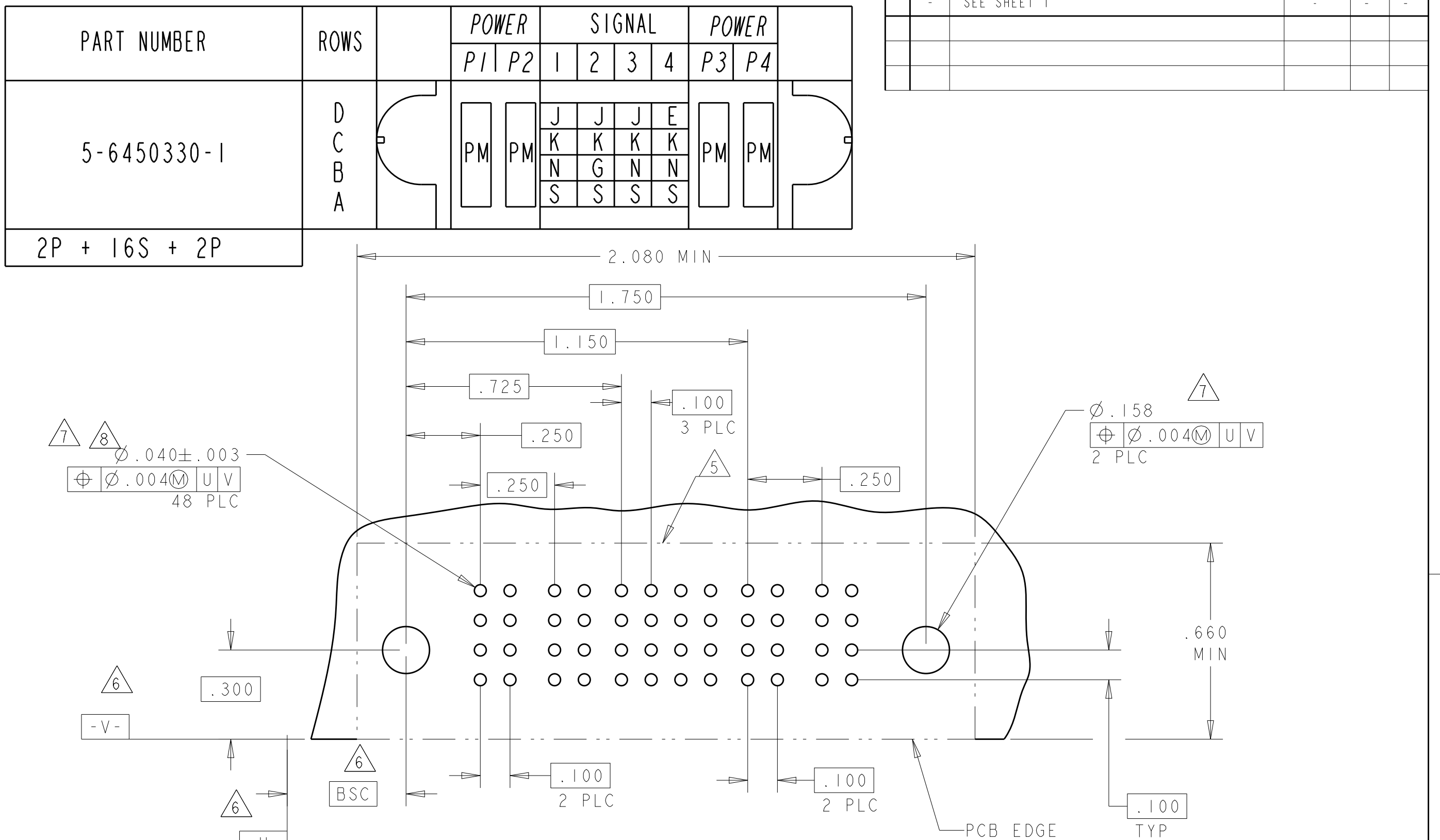
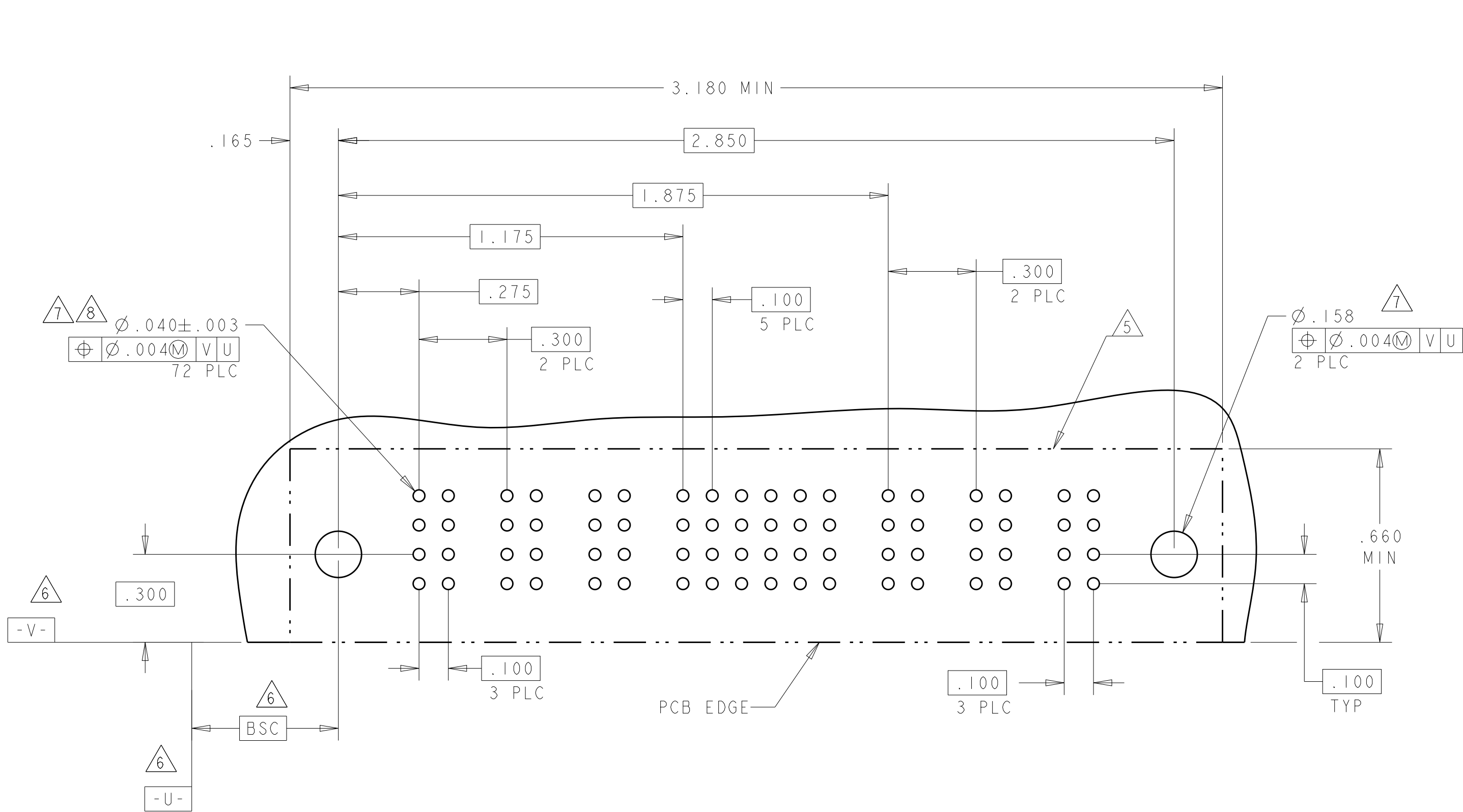
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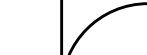
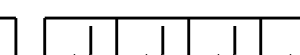
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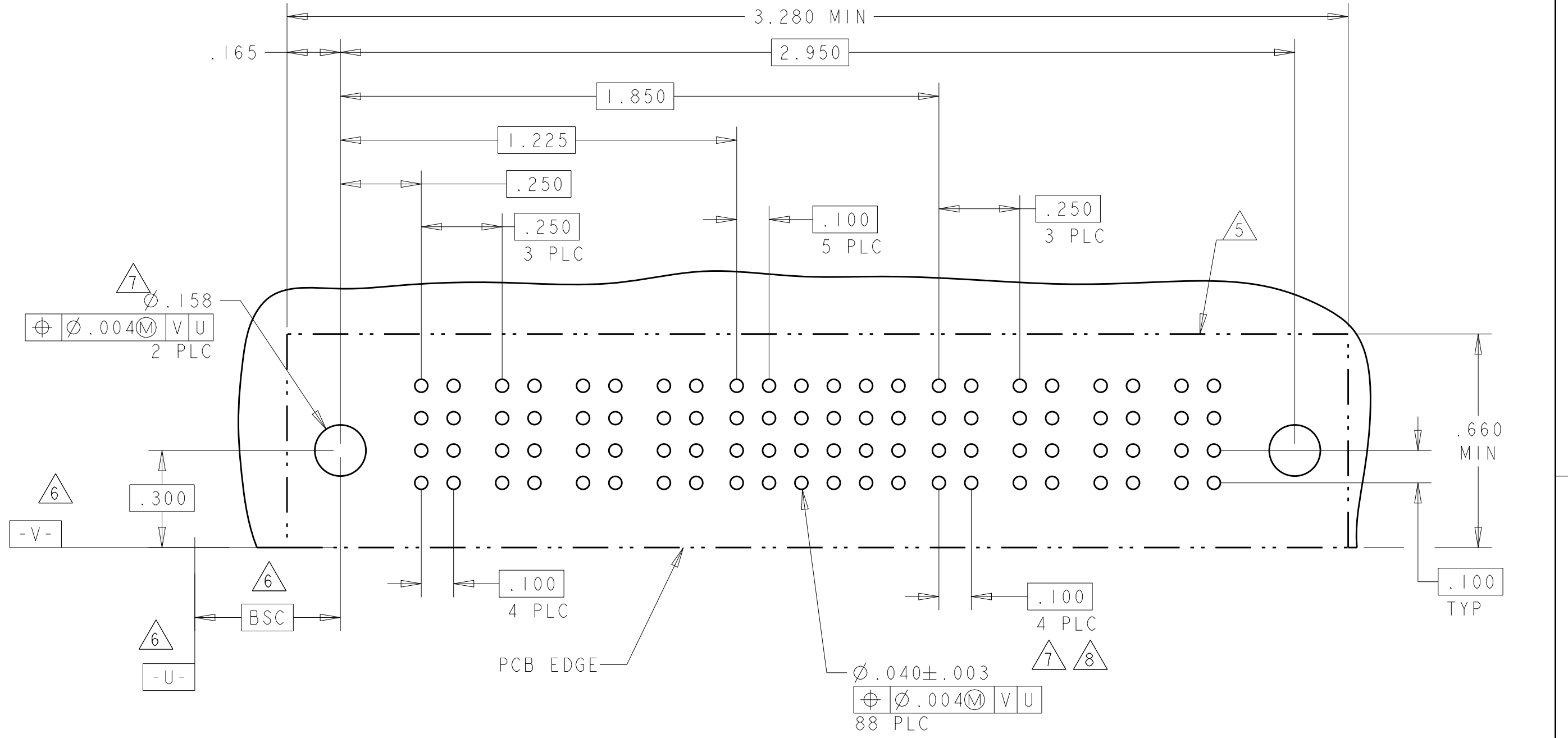
P9



PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
2-6450330-6	D C B A		PM	PM	PM	J	J	E	J	J	J	PM	PM	PM	
						K	K	K	K	K	K				
						N	N	N	N	N	N				
						S	S	S	S	S	S				
3ACP + 24S + 3ACP															



PART NUMBER	ROWS		POWER				SIGNAL						POWER				
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8	
5-6450330-3	D C B A																
						J	J	J	J	J	J						
						K	K	K	K	K	K						
						N	N	N	N	N	N						
4P + 24S + 4P																	



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN
R. GRZYBOWSKI
CHK
M. PERCHERKE
APVD
M. PERCHERKE

28FEB05
28FEB05

DIMENSIONS:
INCHES

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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

FINISH

28FEB05

NAME

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

CUSTOMER DRAWING

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A100779

C=6450330

-

SCALE

1:1

SHEET

10

OF

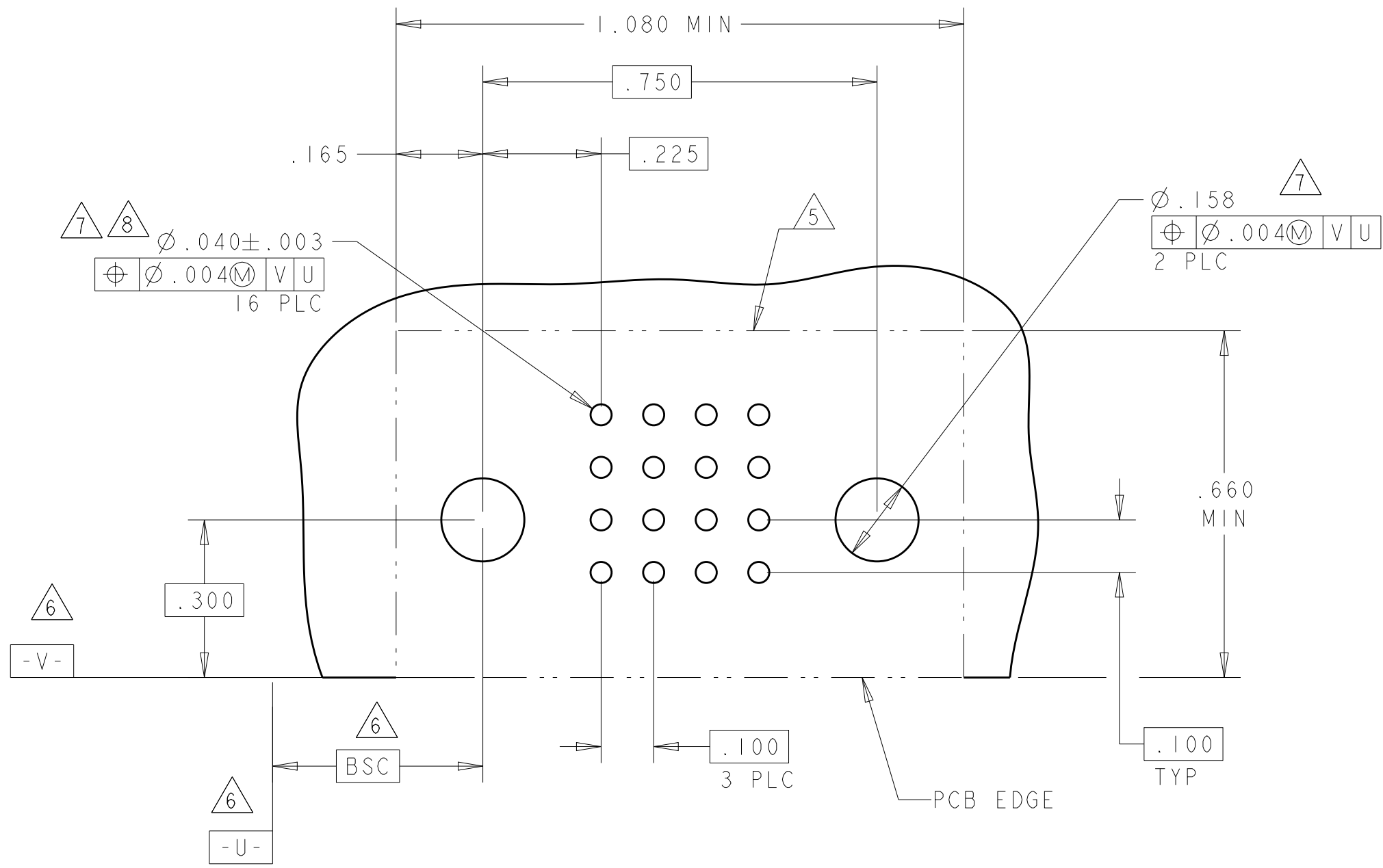
19

REV

P.9

RIGHT ANGLE HEADER ASSEMBLY
SOLDER TAILS, W/GUIDES
MULTI-BEAM XL

PART NUMBER	ROWS		SIGNAL				
			1	2	3	4	
3-6450330-1	D						
	C		E	E	E	E	
	B		F	F	F	K	
	A		G	G	G	G	
			H	H	H	H	
16S							

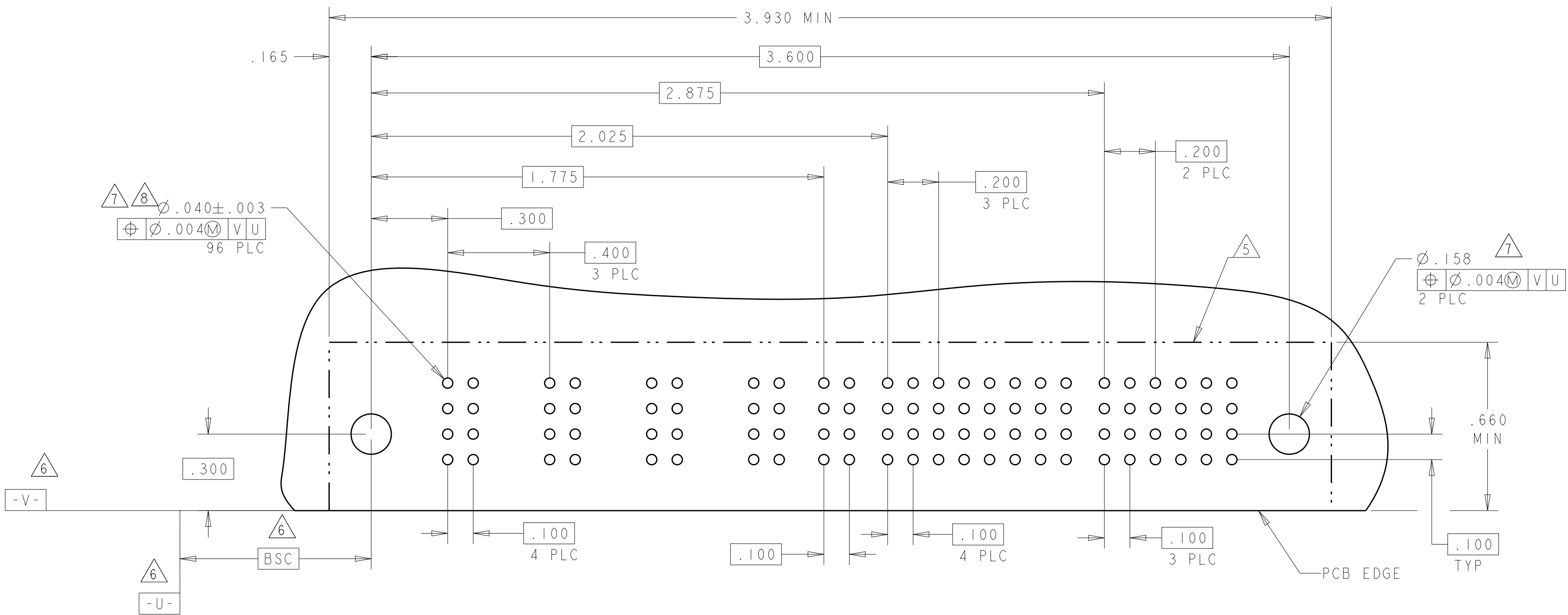


7P + 8S + 7P

NO CONTACTS LOADED

.200
5 PLC

.250

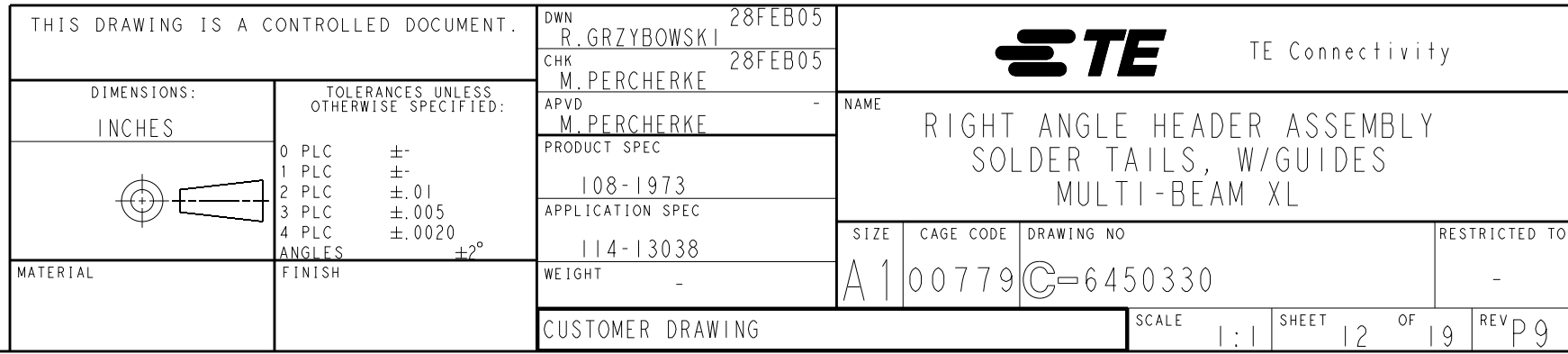


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: GRZYBOWSKI 28FE005 CHG: M. PERCHERKE 28FE005		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.005 3 PLC ±.002 ANGLES ±°		NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL	
		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -		SIZE: CAGE CODE: DRAWING NO: 100779 © 6450330 RESTRICTED TO: -	
MATERIAL: FINISH:		CUSTOMER DRAWING:		SCALE: 1:1 SHEET: 11 OF 19 REV: P	

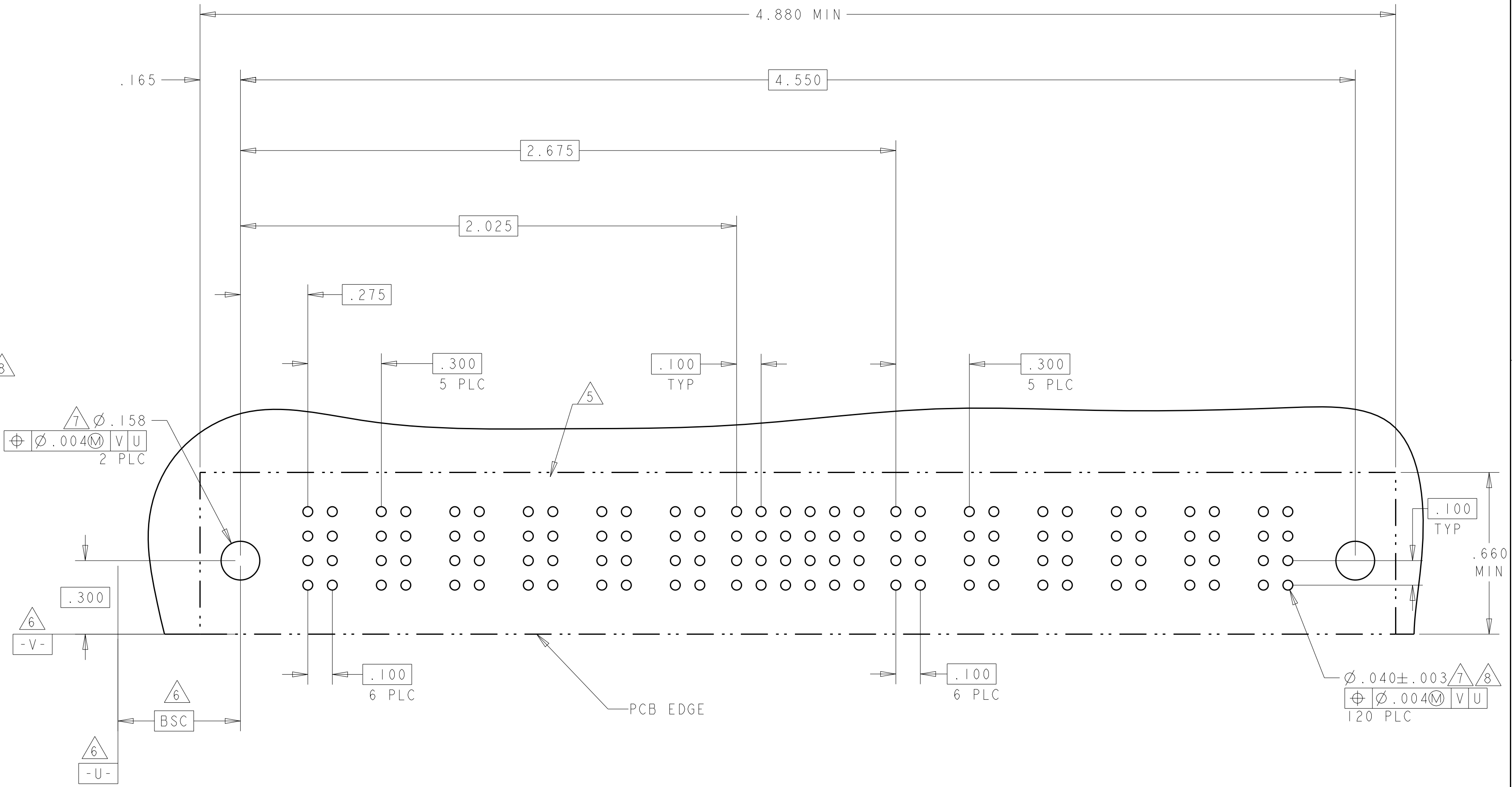
[illegible]

This mechanical drawing illustrates the dimensions and tolerances for a PCB layout. Key features include:

- Overall Dimensions:**
 - Top width: 2.080 MIN
 - Left margin: .165
 - Right margin: .660 MIN
- Internal Spacing and Features:**
 - Top horizontal spacing: 1.750, 1.150, .725, .250, .250, .250
 - Right vertical spacing: .158, .100 (2 PLC), .100 (3 PLC), .100 (TYP)
 - Bottom horizontal spacing: .300, .100 (2 PLC), .100 (3 PLC), .100 (TYP)
- Feature Callouts and Tolerances:**
 - Top left: $\varnothing .040 \pm .003$ (48 PLC)
 - Top right: $\varnothing .158$ (2 PLC)
 - Bottom left: $\varnothing .004$ (U V)
 - Bottom right: $\varnothing .004$ (U V)
- Other Labels:**
 - PCB EDGE
 - BSC (Best Surface Center)
 - PLC (Plating Layer Control)
 - TYP (Typical)

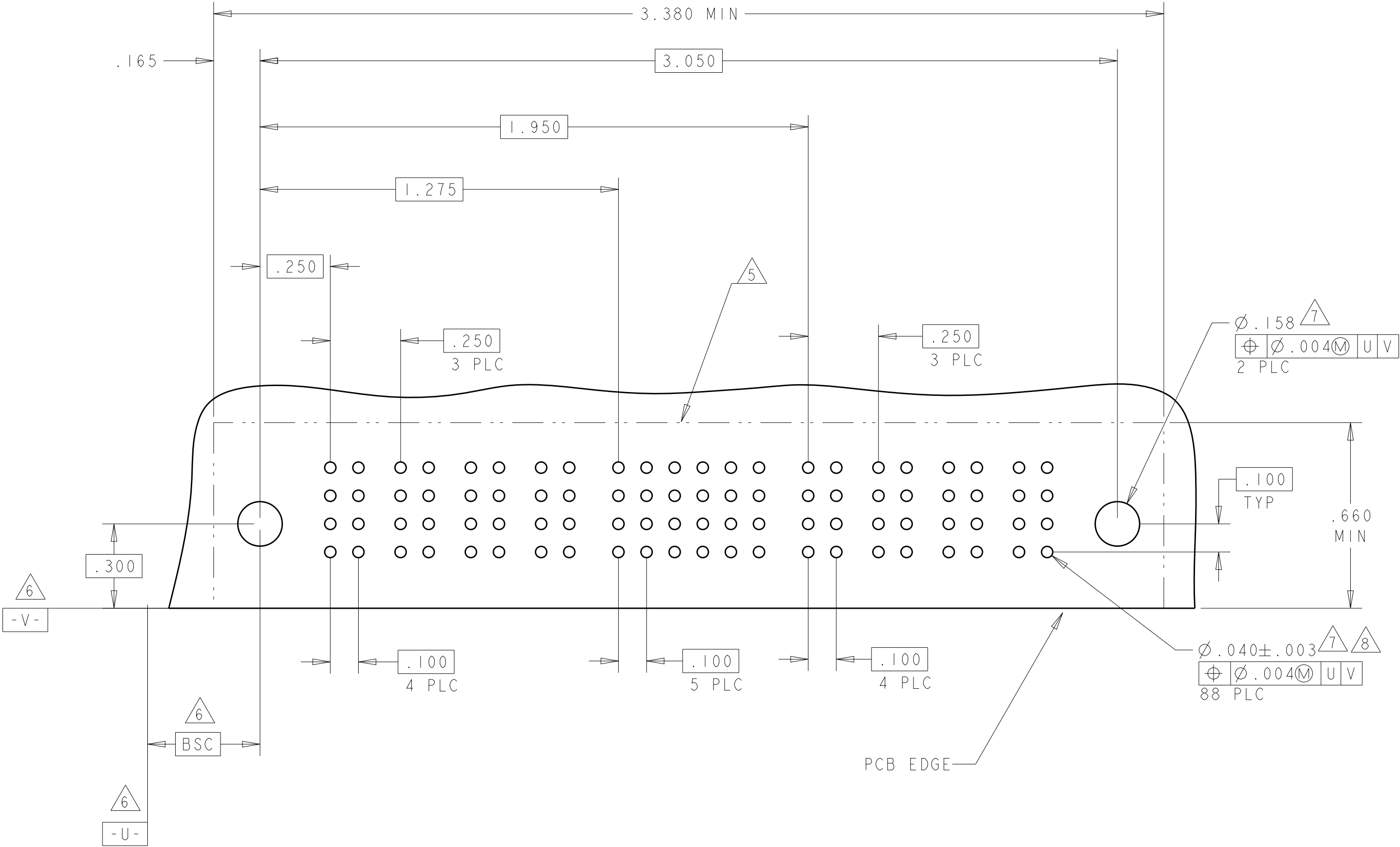


PART NUMBER	ROWS		POWER						SIGNAL						POWER						
			P1	P2	P3	P4	P5	P6	I	2	3	4	5	6	P7	P8	P9	P10	P11	P12	
5-6450330-8	D		PM	PM	PM	PM	PM	PM	J	J	E	E	J	J	PM	PM	PM	PM	PM	PM	
	F								F	K	F	F	F								
	N								N	G	G	G	G								
	H								H	S	H	H	H								
6ACP + 24S + 6ACP																					

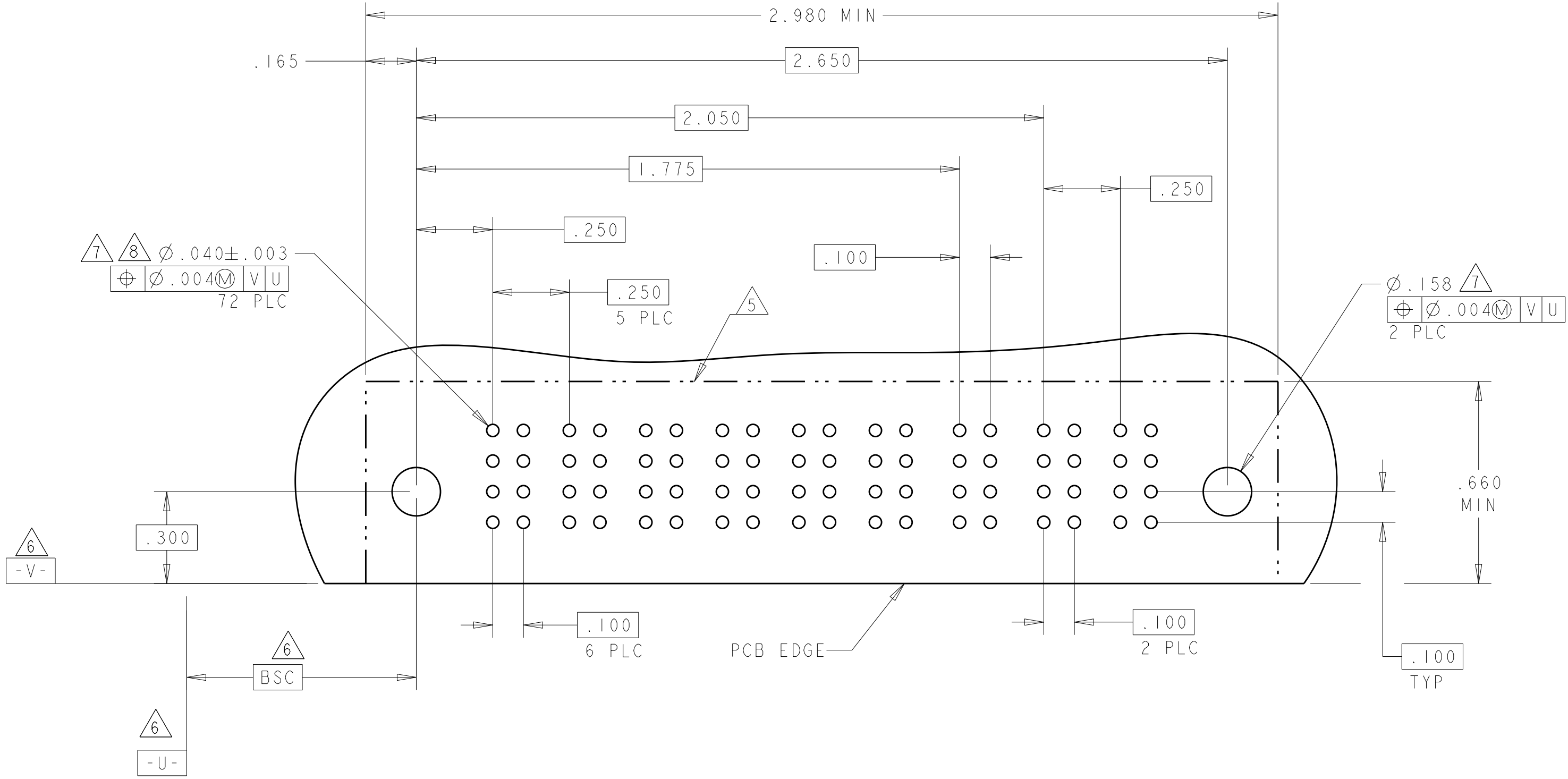
4805 (3/11)

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

PART NUMBER	ROWS		POWER				SIGNAL						POWER				
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8	
3-6450330-7	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					
4P + 24S + 4P																	



PART NUMBER	ROWS		POWER						SIGNAL		POWER		
			P1	P2	P3	P4	P5	P6	1	2	P7	P8	
5-6450330-9	D C B A							J	J				
								K	K				
								N	N				
								FS	S				
6P + 8S + 2P													



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN R.GRZYBOWSKI 28FEB05
CHK M.PERCHERKE 28FEB05
APVD M.PERCHERKE

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

CUSTOMER DRAWING

PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT

SIZE CAGE CODE DRAWING NO
A100779C=6450330

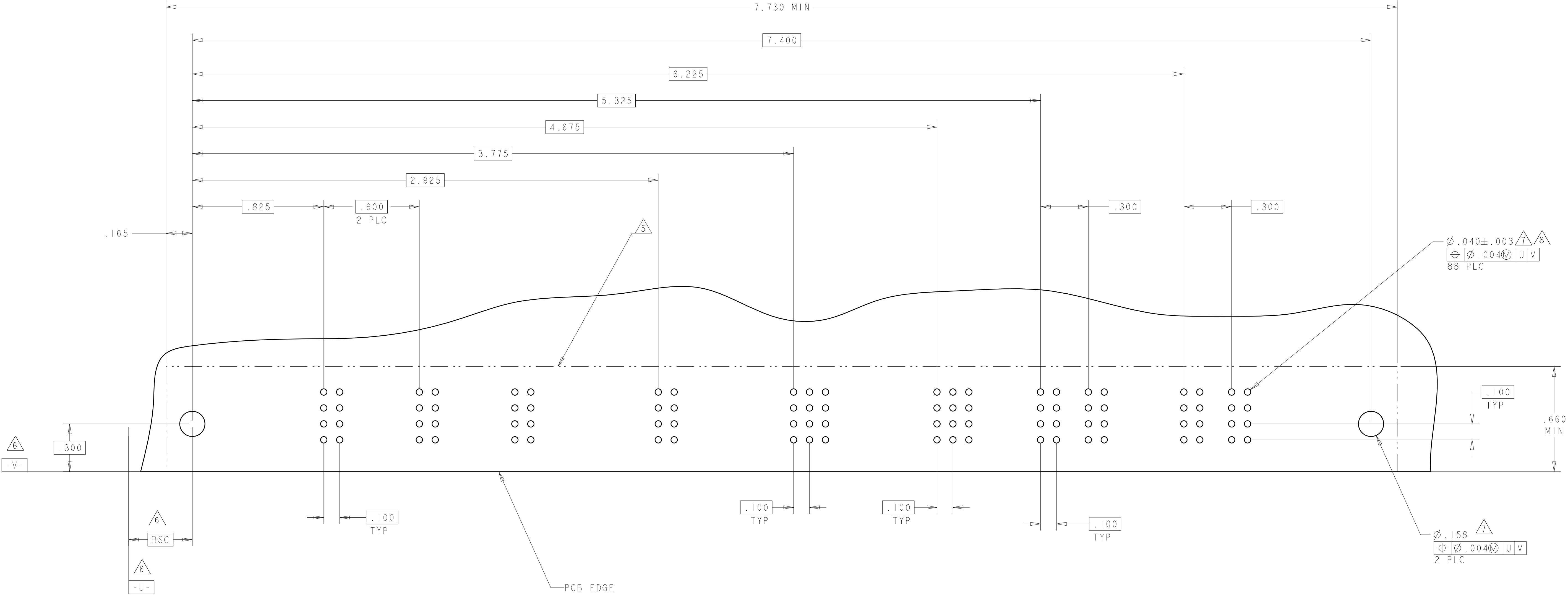
NAME
RIGHT ANGLE HEADER ASSEMBLY
SOLDER TAILS, W/GUIDES
MULTI-BEAM XL

RESTRICTED TO

SCALE 1:1
SHEET 14 OF 19
REV P9

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

PART NUMBER	ROWS		POWER												SIGNAL												POWER									
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4	5	6	7	8	9	10	11	12	P13	P14	P15	P16	P17	P18	P19	P20		
6-6450330-0	D				PM		PM		PM			PM			J	J	J								E	E	E		PM	PM		PM	PM			
	C														K	K	K								F	F	F									
	B														N	N	N								G	G	G		PM	PM		PM	PM			
	A														S	S	H								H	S	S									
12P + 48S + 8P																																				



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

R. GRZYBOWSKI

28FEB05

CHK

M. PERCHERKE

28FEB05

APVD

M. PERCHERKE

-

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±"

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES #2°

FINISH

MATERIAL

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

NAME

RIGHT ANGLE HEADER ASSEMBLY
SOLDER TAILS, W/GUIDES
MULTI-BEAM XL

SIZE

A1

CAGE CODE

100779

DRAWING NO

6450330

RESTRICTED TO

-

SCALE

1:1

SHEET

15

OF

19

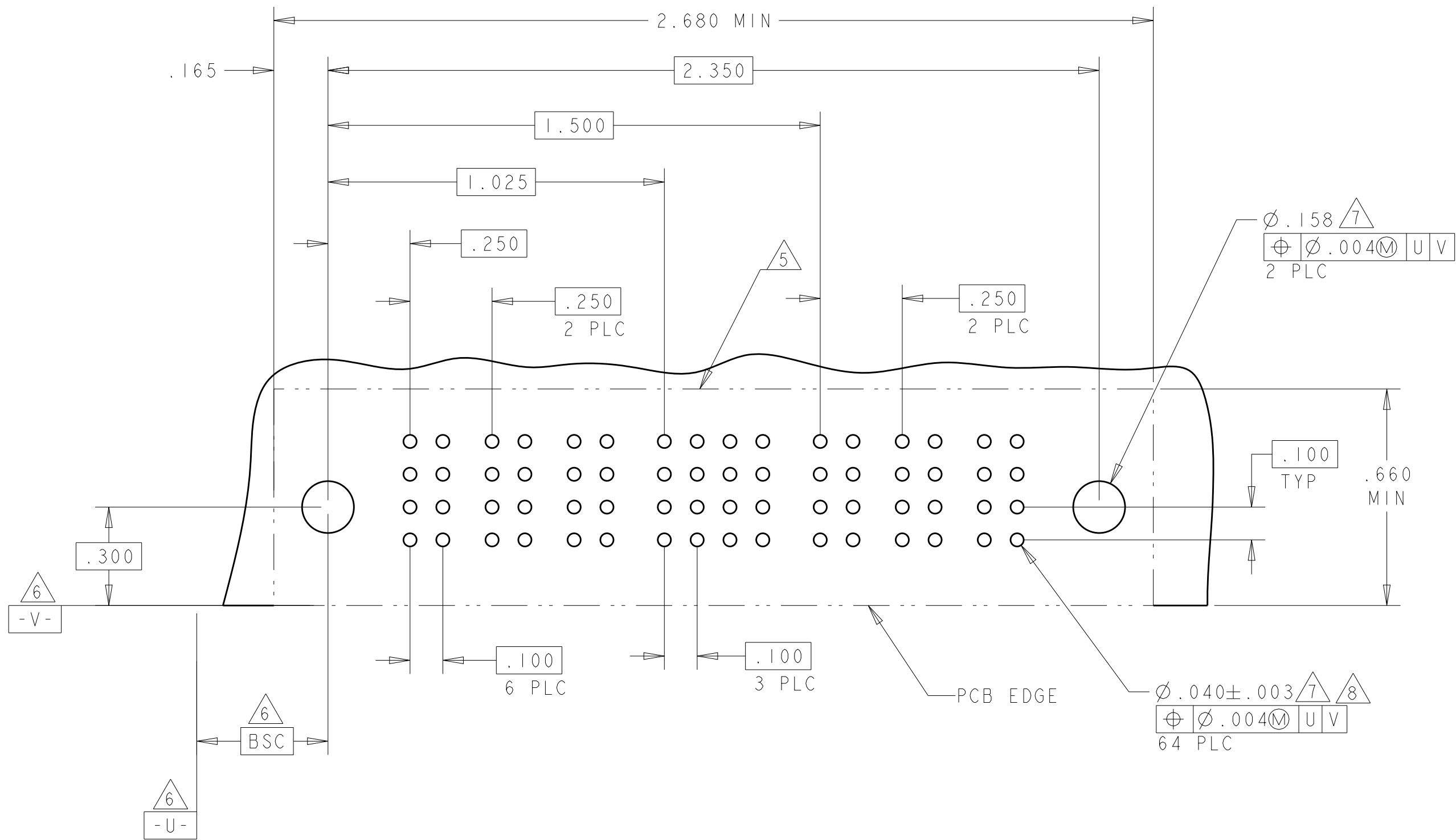
REV

P9

TE

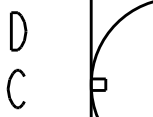
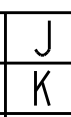
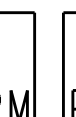
TE Connectivity

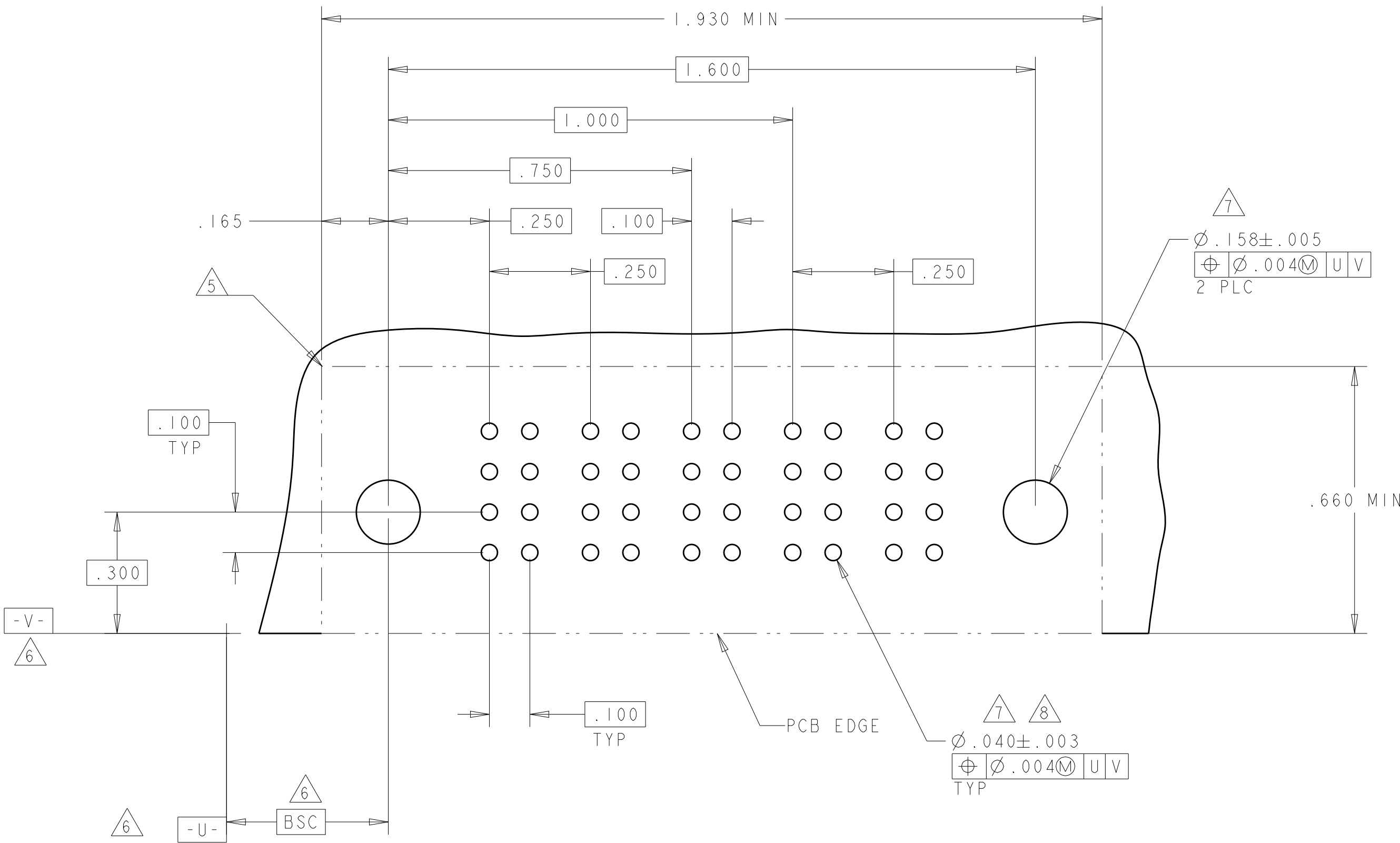
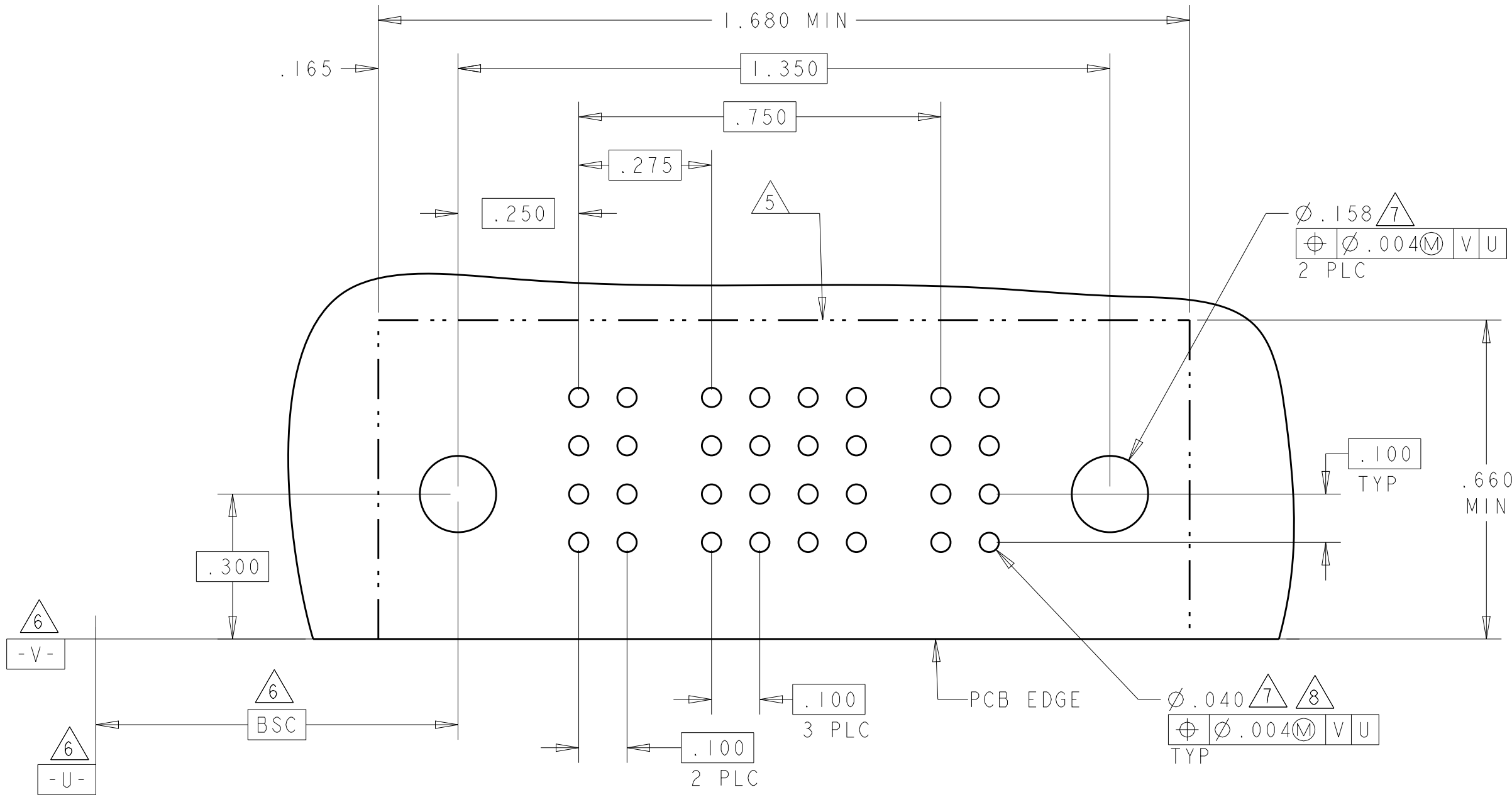
PART NUMBER	ROWS		POWER			SIGNAL				POWER			
			P1	P2	P3	1	2	3	4	P4	P5	P6	
6-6450330-1	D	C	PM	PM	PM	J	J	J	J	PM	PM	PM	D
	K					K	K	F					
	G					N	N	N					
	S					S	S	S					
3P + 16S + 3P													

4805 (3/11)

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

PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P1	I	2	3	4	P2		
6-6450330-3	D			J	J	J	J		
	K			K	K	K			
	N			N	N	N			
	S			S	S	S			
IP + 16S + IP									

PART NUMBER	ROWS		POWER		SIGNAL		POWER		
			P1	P2	1	2	P3	P4	
6-6450330-4	D				J	J			
	C				K	K			
	B				N	N			
	A				FS	S			
2P + 8S + 2P									



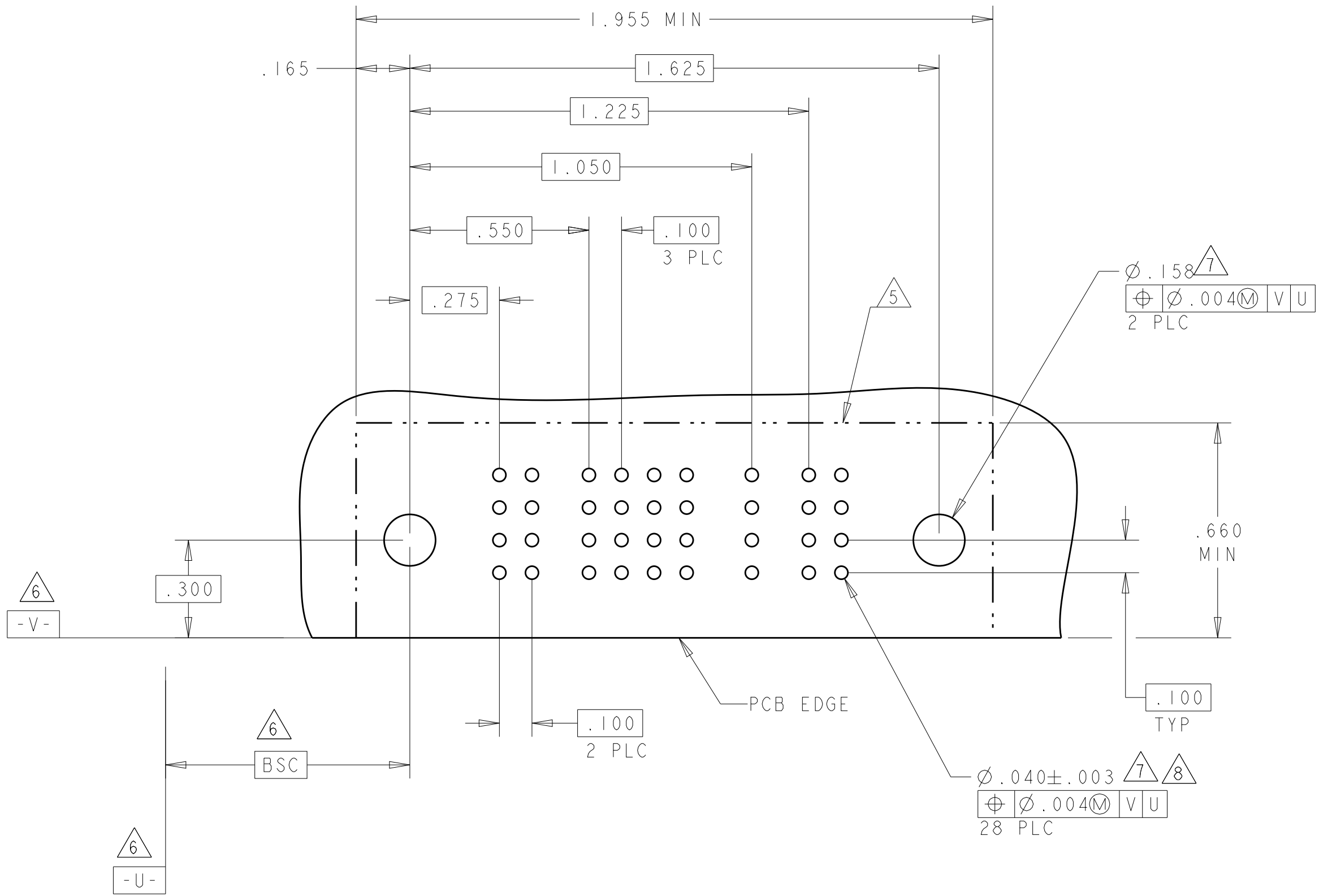
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	28FEB05 28FEB05 -
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
		0 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° FINISH	
MATERIAL		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT -	
CUSTOMER DRAWING		NAME RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL SIZE A100779 CAGE CODE C=6450330 DRAWING NO 28FEB05 RESTRICTED TO -	
		SCALE 1:1 SHEET 17 OF 19 REV P.9	

PART NUMBER	ROWS		POWER	SIGNAL						POWER		
			P1	1	2	3	4	5	6	P2		
6-6450330-6	D C B A		PM 	J	J	J	J	J	J	PM 		
				K	K	K	K	K	K			
				N	N	N	N	G	N			N
				S	S	S	S	S	S			S
IP + 24S + IP												

NO CONTACTS LOADED

PART NUMBER	ROWS		POWER	SIGNAL						POWER		
			P1	1	2	3	4	5	6	P2		
6-6450330-7	D		 PM	J	J	J	J		J	 PM		
	K			K	K	K						
	N			N	N	G						
	S			S	S	S	S					
IP + 24S + IP												

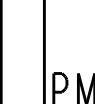
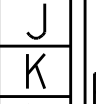
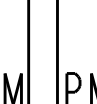
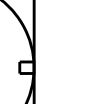
NO CONTACTS LOADED



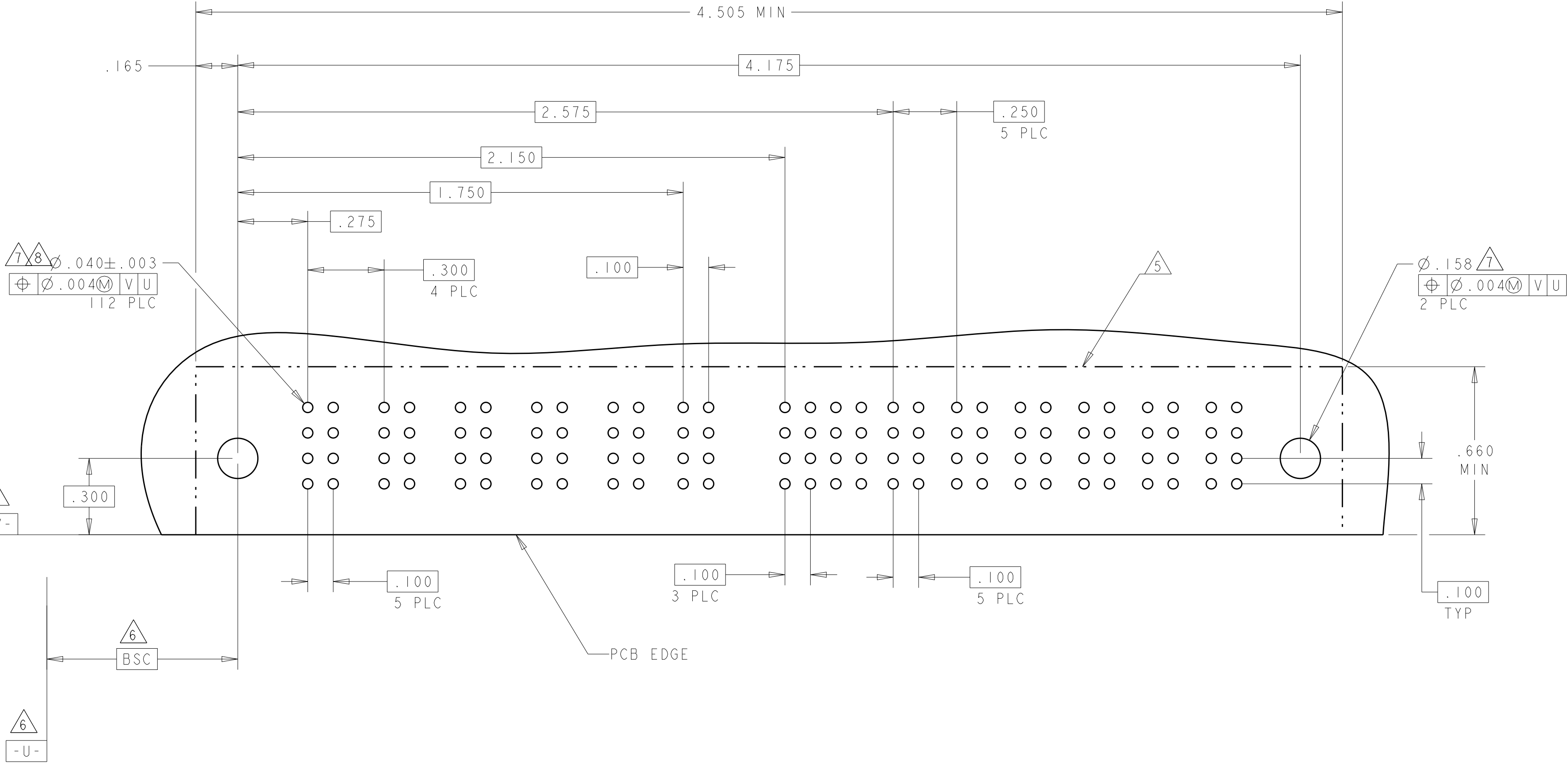
6-6450330-6 AND 6-6450330-7 PCB LAYOUT

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	P3	P4	P5	1	2	3	4	5	6	7	8	P6	P7	P8	P9	P10	P11	
6-6450330-8	D C B A						J	J			J	J	J	J								
							K	K			F	K	K	K								
							N	N			N	N	N	N								
							S	S			S	S	S	S								
5ACP + 32S + 6P																						

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHERKE APVD M.PERCHERKE	28FEB05 28FEB05 -
DIMENSIONS: INCHES		NAME	
		RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL	
		SIZE	
		CAGE CODE	
		DRAWING NO	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		RESTRICTED TO	
0 PLC ±"		A1	
1 PLC ±"		00779	
2 PLC ±.01		C=6450330	
3 PLC ±.005		SCALE	
4 PLC ±.0020		1:1	
ANGLES ±2°		SHEET	
FINISH		19	
MATERIAL		OF	
		19	
		REV	
		P9	
		CUSTOMER DRAWING	