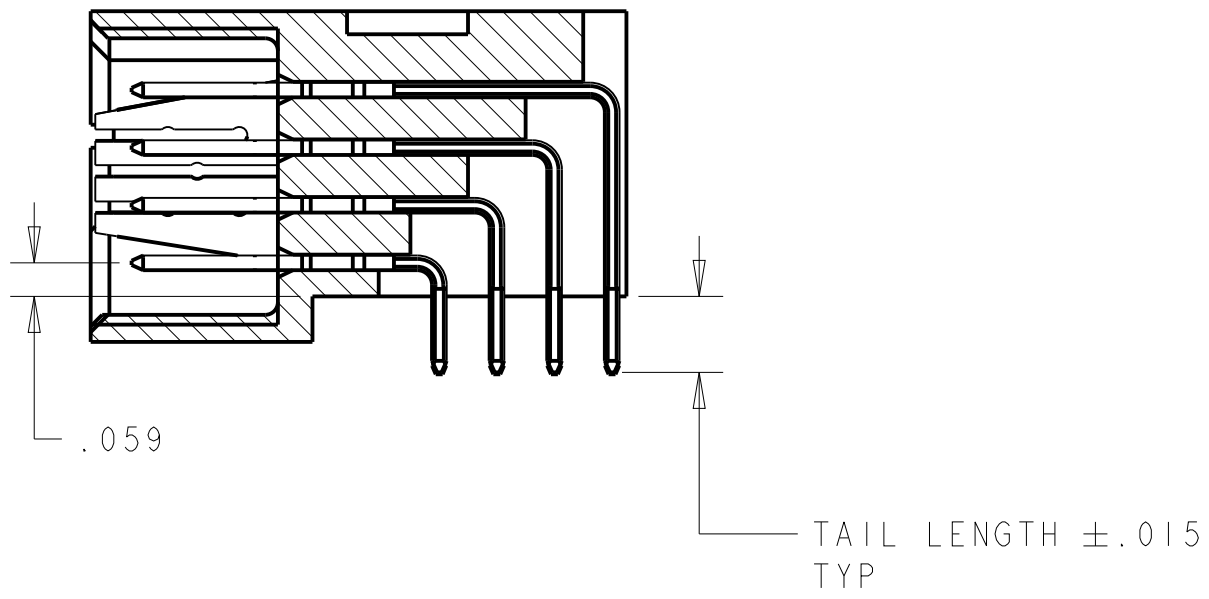
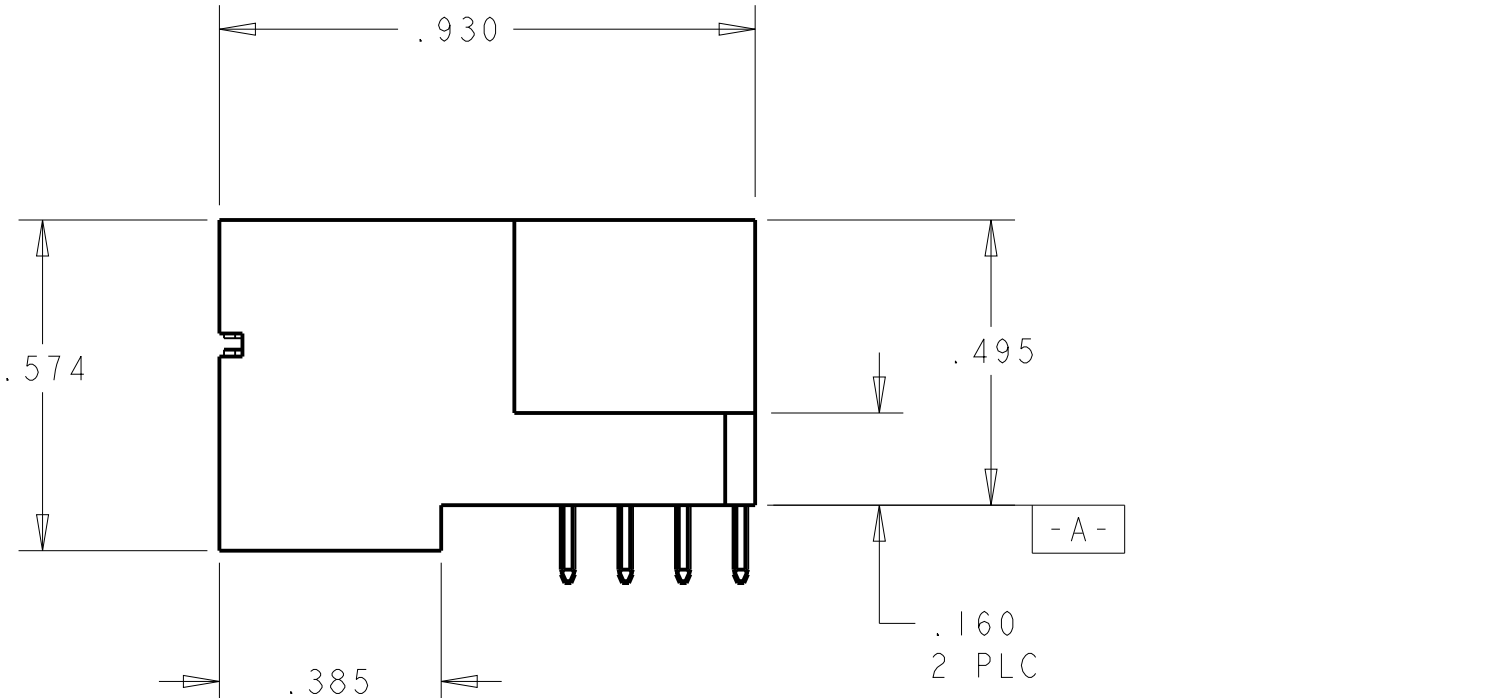
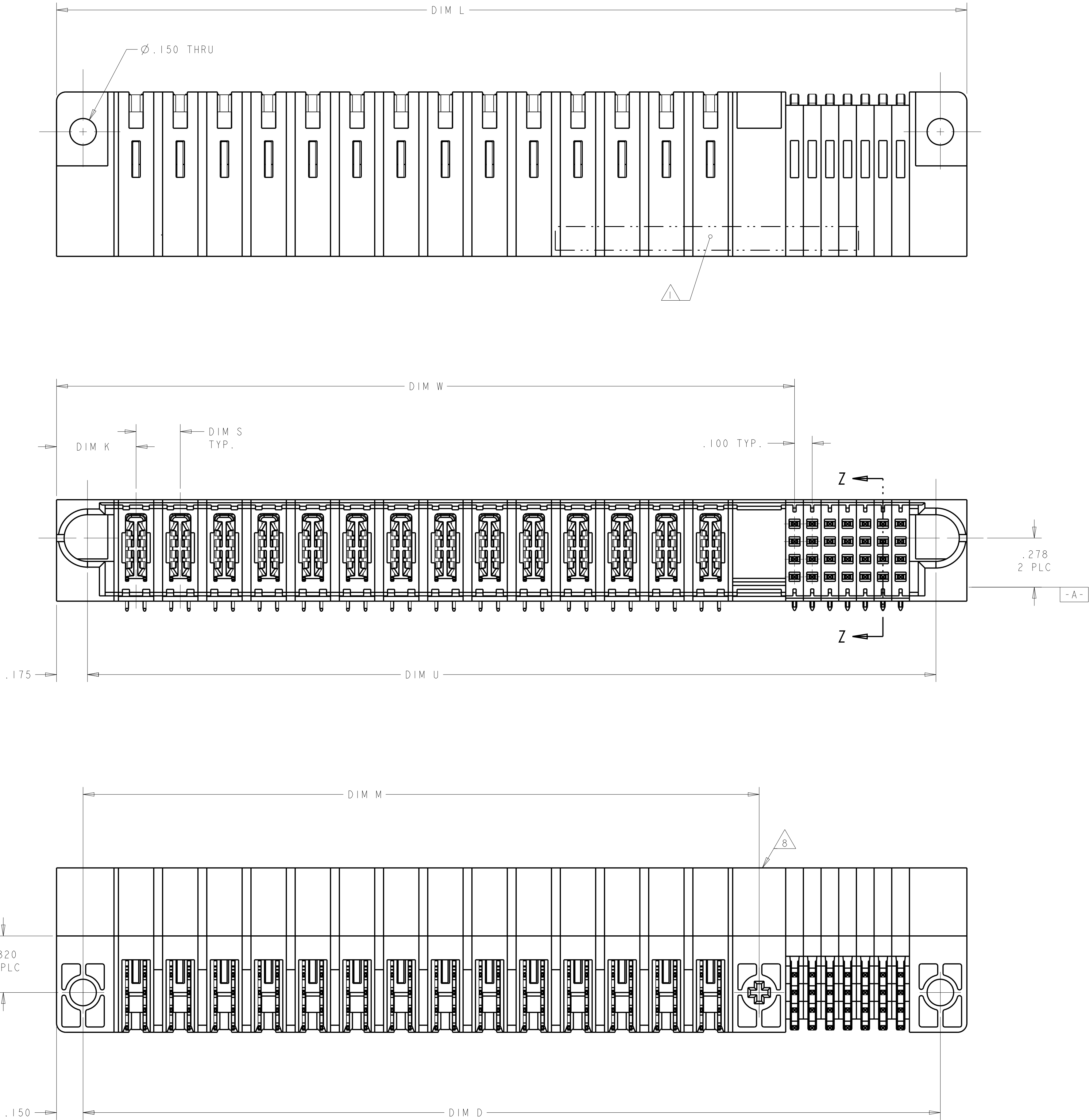


LOC	DIST	REVISIONS					
		P	LYR	DESCRIPTION	DATE	DWN	APVD
ES	00		H4	ADDED DASH NUMBER -33	25FEB2013	CZ	SZ



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	24JAN05 24JAN05	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES		± ±.01 ±.005 ±.0020 ±2°		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	
MATERIAL 2		FINISH 3		SIZE A100779C=6450332	
CUSTOMER DRAWING		WEIGHT		RESTRICTED TO	
SCALE 4:1		SHEET 1 OF 13		REV H6	

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: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA
OF POWER AND SIGNAL CONTACTS
- 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

H6	1.900	.250	1.375	1.950	-	2.250	.450	4P + 24S	3-6450332-4
	2.825		2.300	2.875	-	3.175	.475	3ACP + 4P + 24S	3-6450332-3
	1.600	.250	1.375	1.650	-	1.950	.450	4P + 12S	3-6450332-2
	2.825		2.300	2.875	-	3.175	.475	3ACP + 4P + 24S	3-6450332-1
	3.225		2.675	3.275		3.575	.525	9P + 24S	3-6450332-0
	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

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 ±.0020
ANGLES ±2°
FINISH

MATERIAL

-

DWN R. GRZYBOWSKI 24JAN05
CHK M. PERCHERKE 24JAN05
APVD M. PERCHERKE

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

SCALE 4:1

SHEET 2 OF 13

REV H6

TE Connectivity

NAME

RIGHT ANGLE SOLDER HEADER ASSEMBLY
MULTI-BEAM XL

SIZE

CAGE CODE

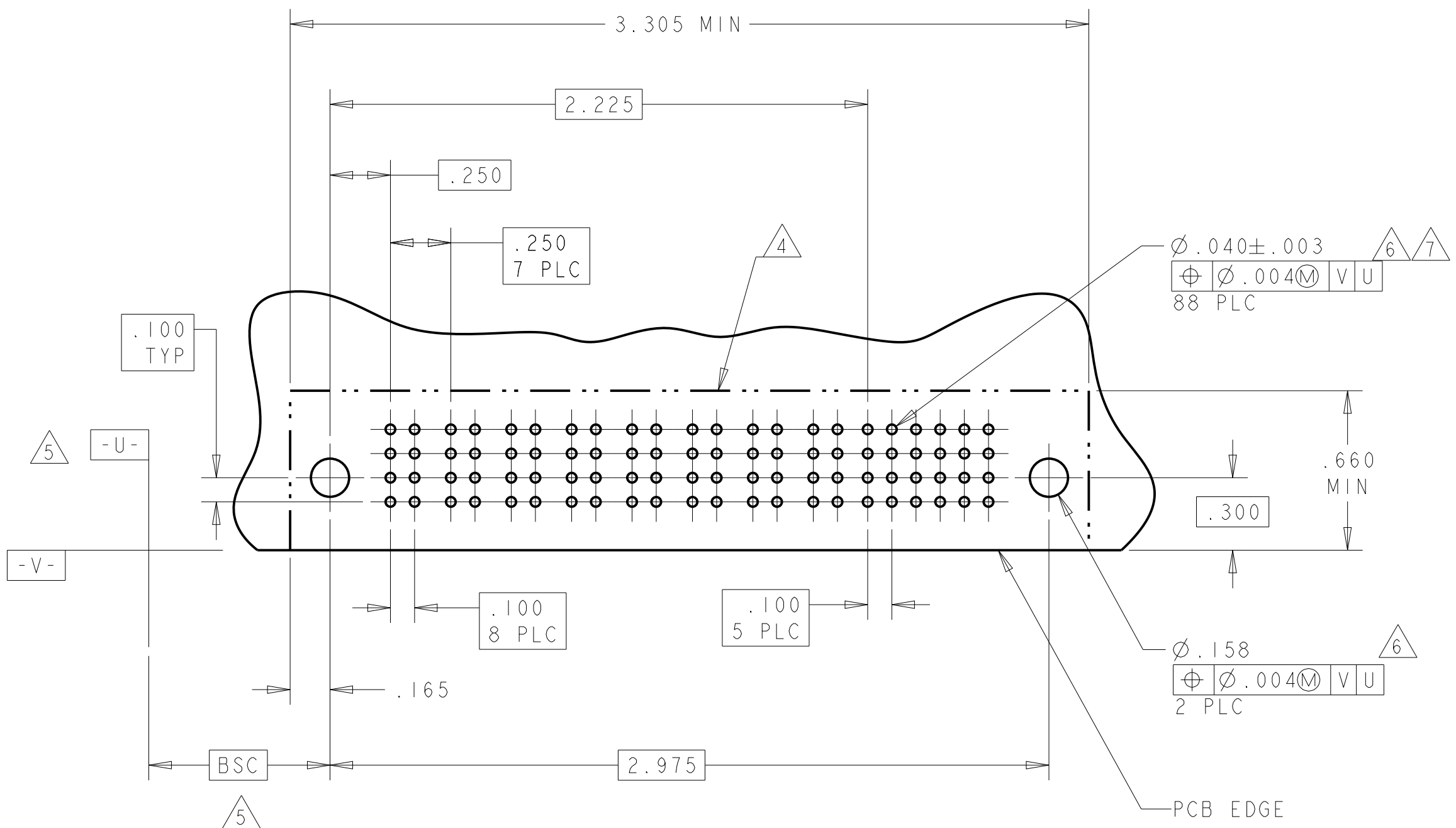
DRAWING NO

RESTRICTED TO

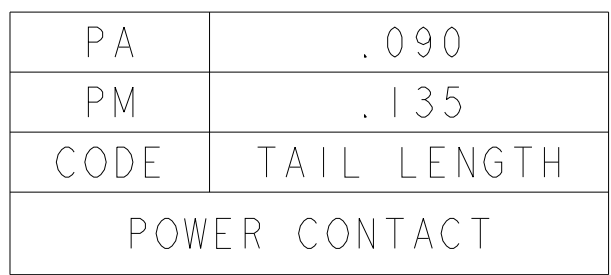
A100779

6450332

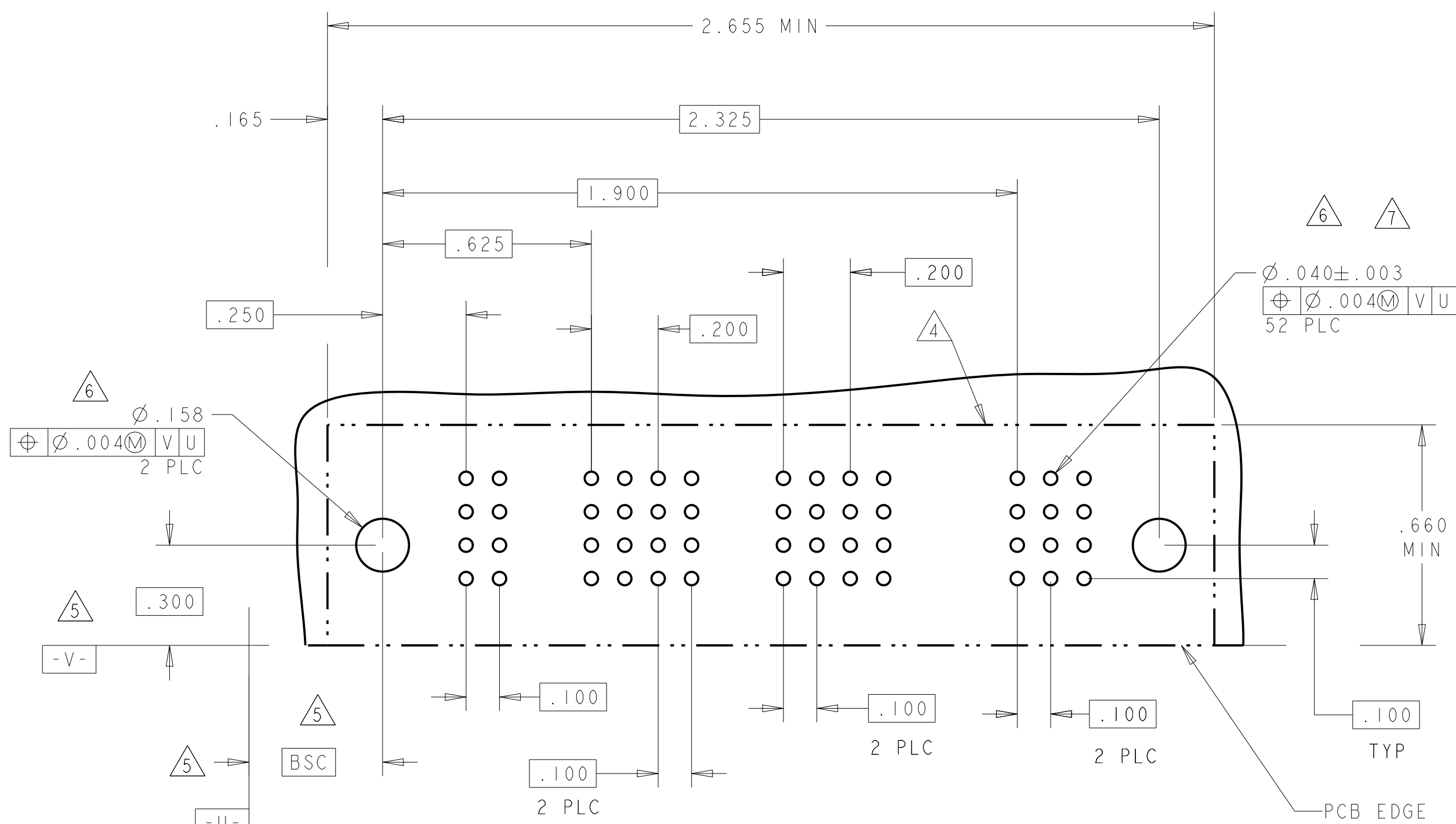
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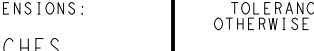
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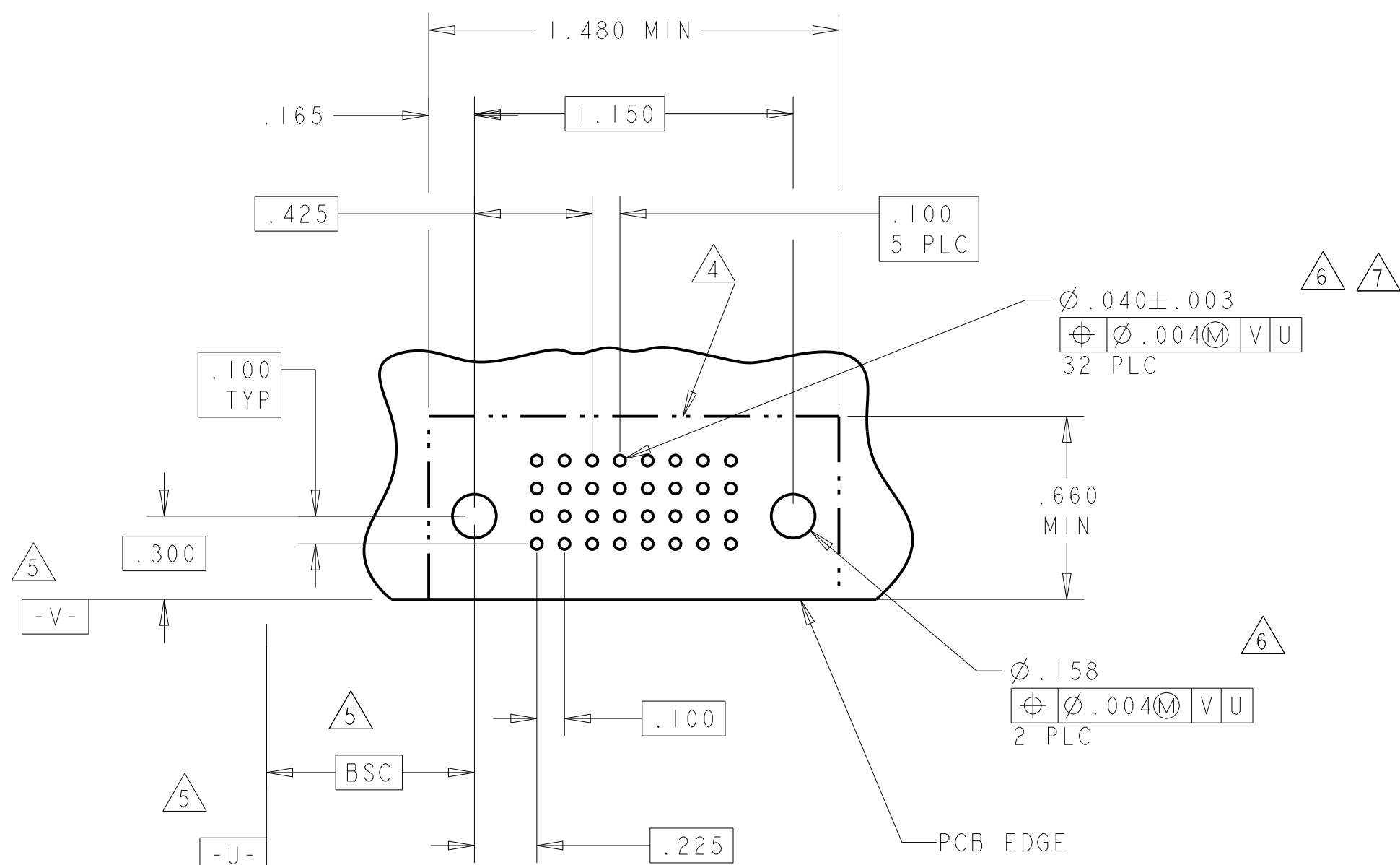
Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
A4	MLBF	.090	D
A3	MLBF	.090	C
A2	MLBF	.090	B
A1	MLBF	.090	A
E	MLBF	.135	D
F	MLBF	.135	C
G	MLBF	.135	B
H	MLBF	.135	A
J	STD	.135	D
K	STD	.135	C
N	STD	.135	B
S	STD	.135	A
CODE	MATING SEQUENCE	TAIL LENGTH	ROW
SIGNAL CONTACT			

4805 (3/11)

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

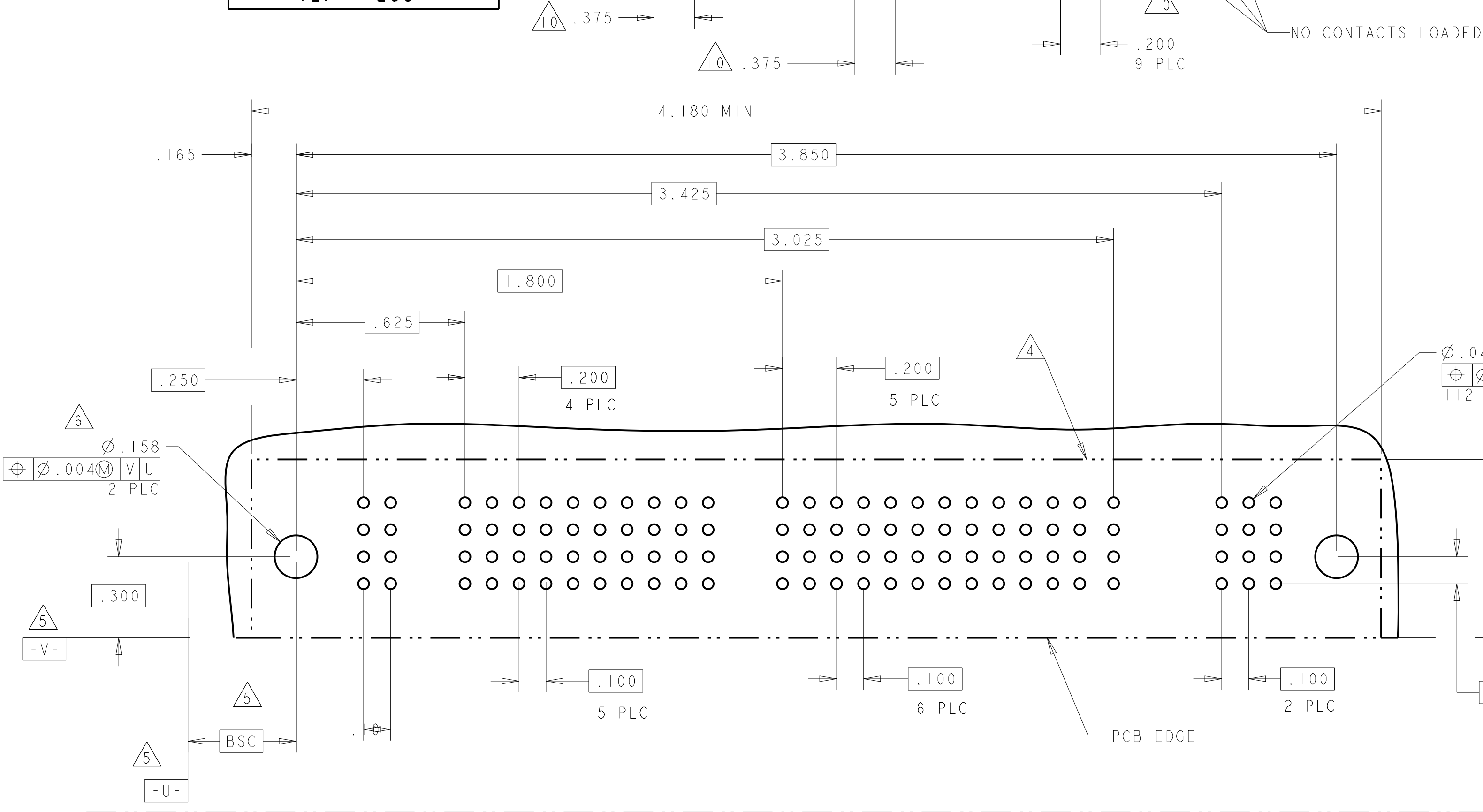


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Z. GRZYBOWSKI 24JAN05		 TE Connectivity	
		CHG M. PERCHERRE 24JAN05			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.05 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±2°		NAME RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL - - -	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT -		SIZE CAGE CODE DRAWING NO A100779C-6450332 RESTRICTED TO -	
MATERIAL - FINISH -		CUSTOMER DRAWING		SCALE 4:1 SHEET 4 OF 13 REV H6	

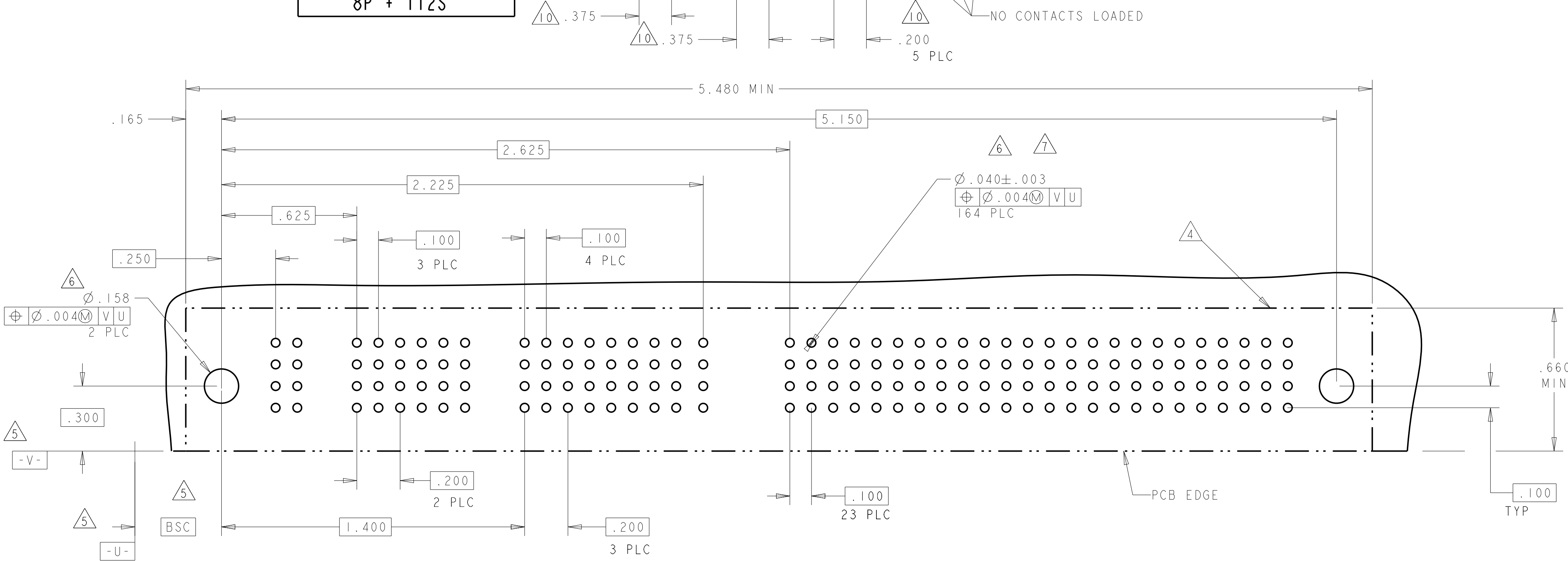


LOC		DIST		REVISIONS					
ES		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					-	SEE SHEET I	-	-	-

PART NUMBER	ROWS		POWER												SIGNAL							
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4	5	6	7	
1-6450332-3	D C B A													J				J	J	J		
			K												K	K	K					
			N													N	N	N				
			S													S	S	S				
12P + 28S																						



PART NUMBER	ROWS		POWER								SIGNAL																																					
			P1	P2	P3	P4	P5	P6	P7	P8	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										
1-6450332-4	D C B A			PM	PM	PM	PM	PM	PM	PM	J				J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J								
											K				K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	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	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	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN R. GRZYBOWSKI 24JAN05

CHK M. PERCHERKE 24JAN05

APVD M. PERCHERKE

DIMENSIONS:

INCHES

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.002

ANGLES ±2°

FINISH

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

CUSTOMER DRAWING

NAME

RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

SCALE

4:1

SHEET

5

OF

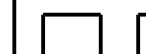
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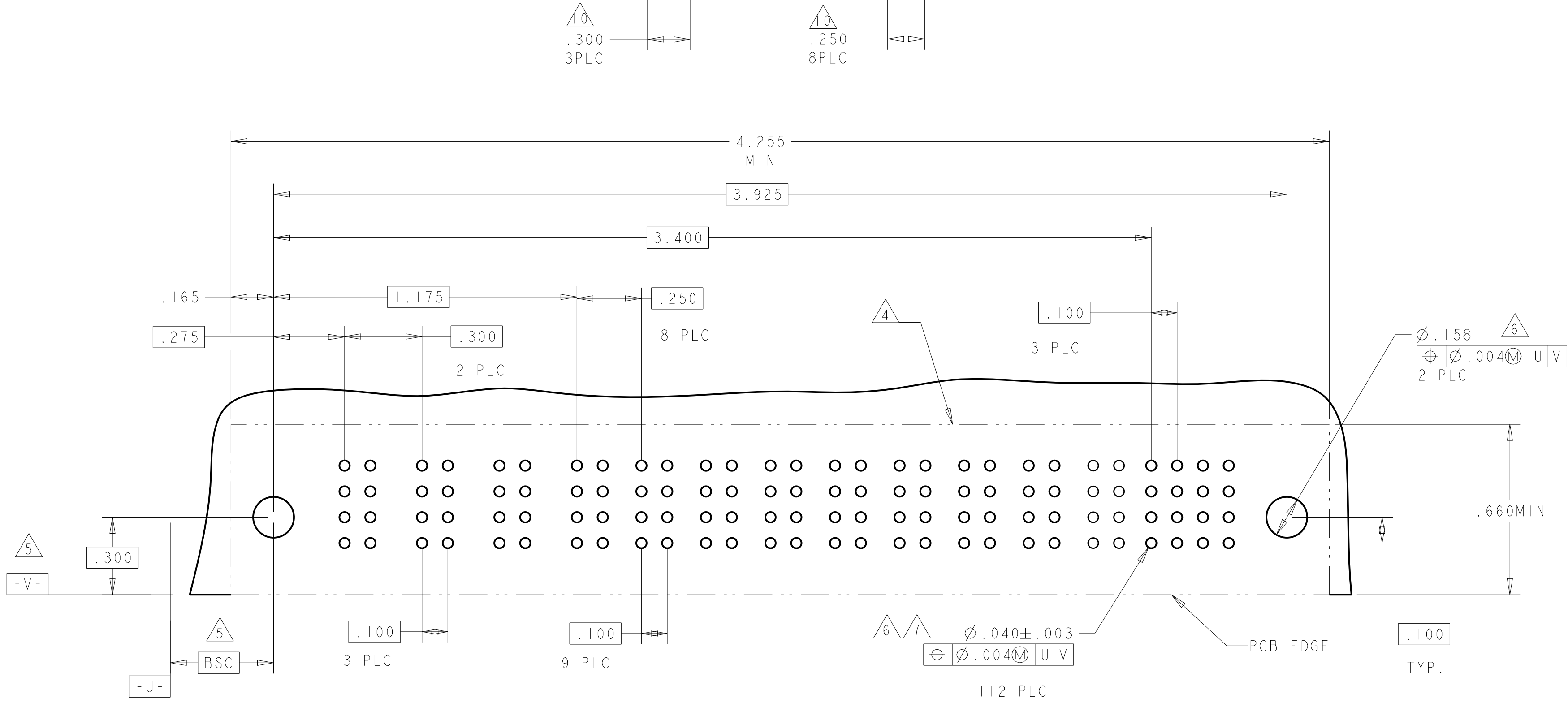
REV

H6

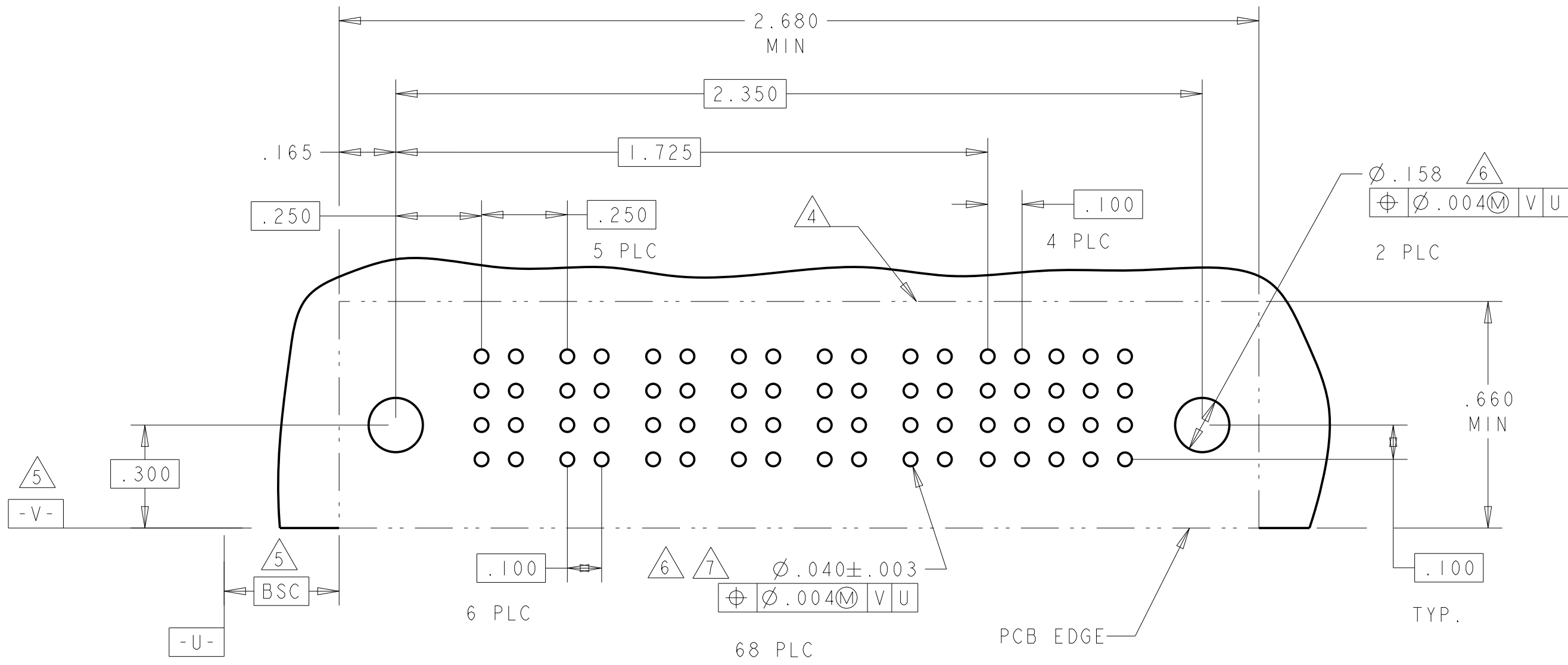
4805 (3/11)

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

PART NUMBER	ROWS		POWER												SIGNAL																																																																																																																																																																																																																	
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4																																																																																																																																																																																																														
I-6450332-6	D C B A																																																																																																																																																																																																																															

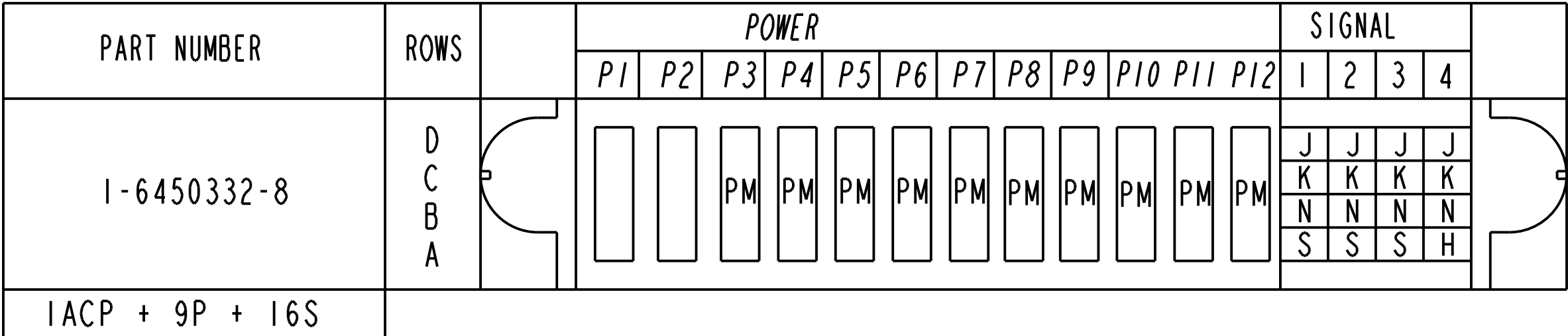


PART NUMBER	ROWS		POWER						SIGNAL					
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	
I-6450332-7	D C B A							J	J	J	J	J		
								K	K	K	K	K		
								N	N	N	N	N		
								H	S	S	S	S		
6P + 20S														

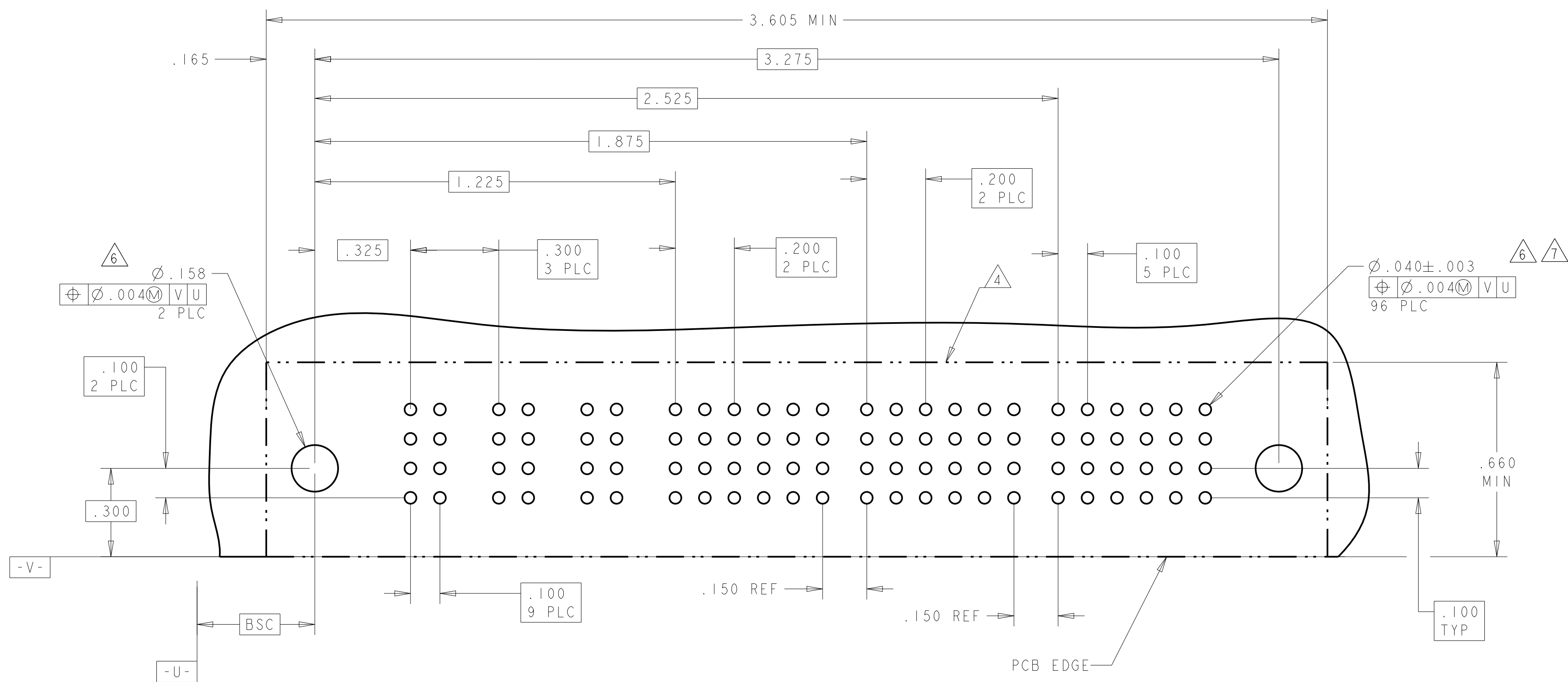


(B1) ADD SHEET 5 OF 6

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 24JAN05	TE Connectivity	
DIMENSIONS:		CHK M. PERCHERKE 24JAN05	NAME	
INCHES		APVD W. PERCHERKE	RIGHT ANGLE SOLDER HEADER ASSEMBLY	
		PRODUCT SPEC	MULTI-BEAM XL	
		108-1973		
		APPLICATION SPEC		
		114-13038		
MATERIAL		WEIGHT	SIZE	RESTRICTED TO
-		-	A100779C=6450332	-
CUSTOMER DRAWING		SCALE 4:1	SHEET 6 OF 13	REV H6



PART NUMBER	ROWS		POWER									SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	
2-6450332-3	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			
3ACP + 6P + 24S																		



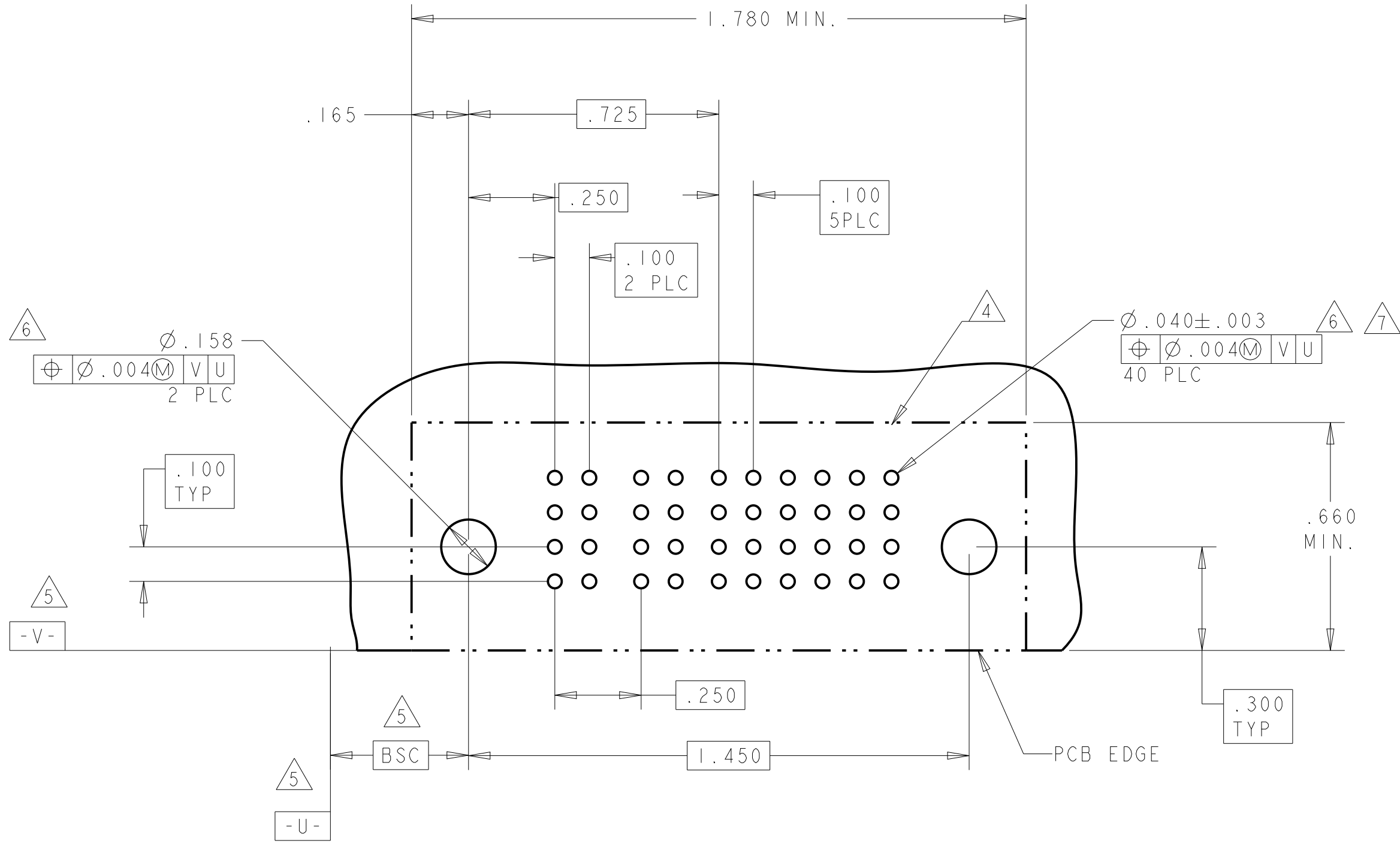
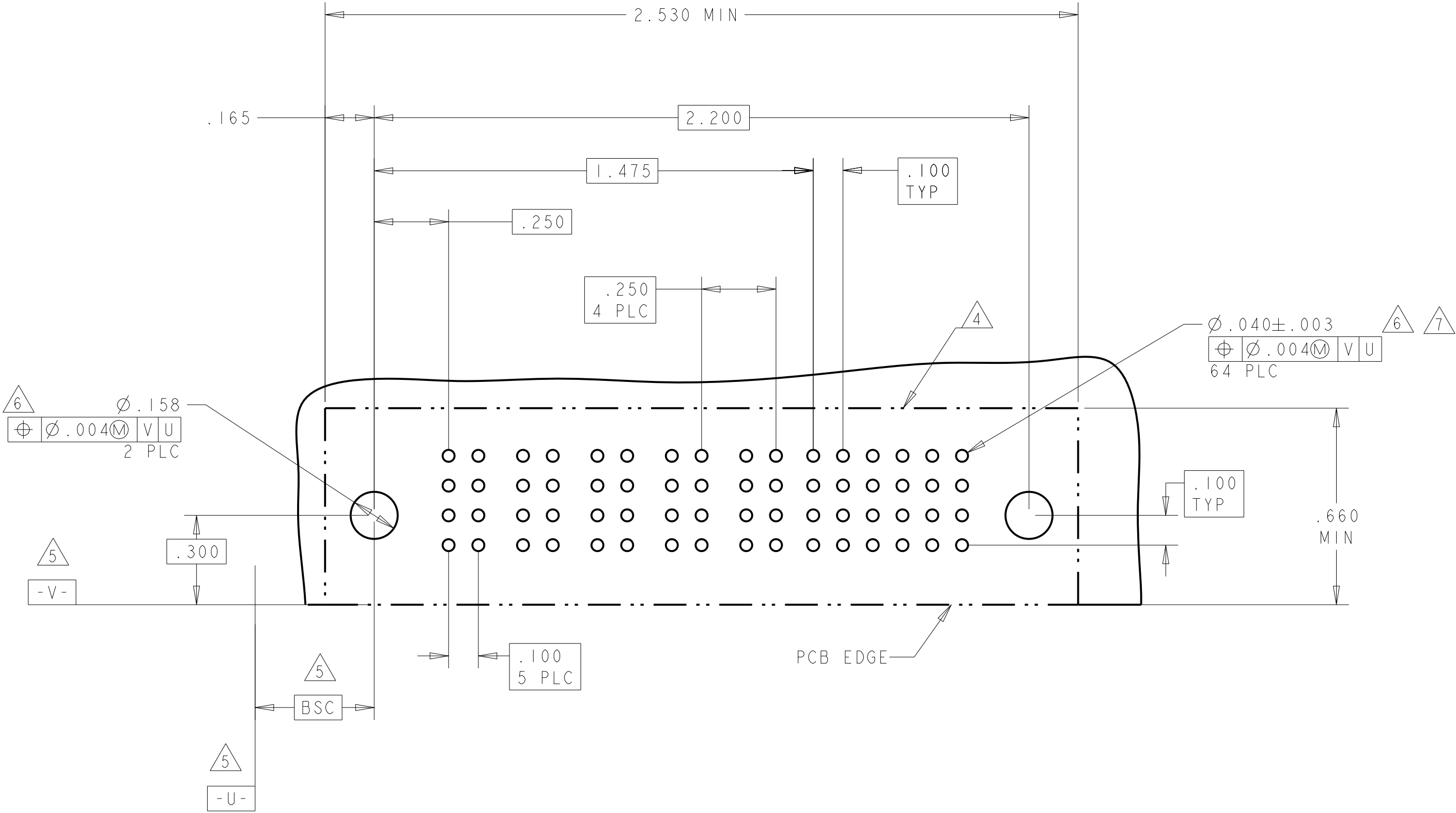
PART NUMBER 6450332-9 & 2-6450332-3 PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 24JAN05 R. GRZYBOWSKI		TE Connectivity	
DIMENSIONS: INCHES		CHK 24JAN05 M. PERCHERKE			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD - M. PERCHERKE			
		NAME RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL			
0.10 0.01 0.005 0.002 7°		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038			
MATERIAL	FINISH	WEIGHT	SIZE	CAGE CODE	DRAWING NO
-	-	-	A	00779	©=6450332
CUSTOMER DRAWING			SCALE	SHEET	REV
			4:1	7 OF 13	H6

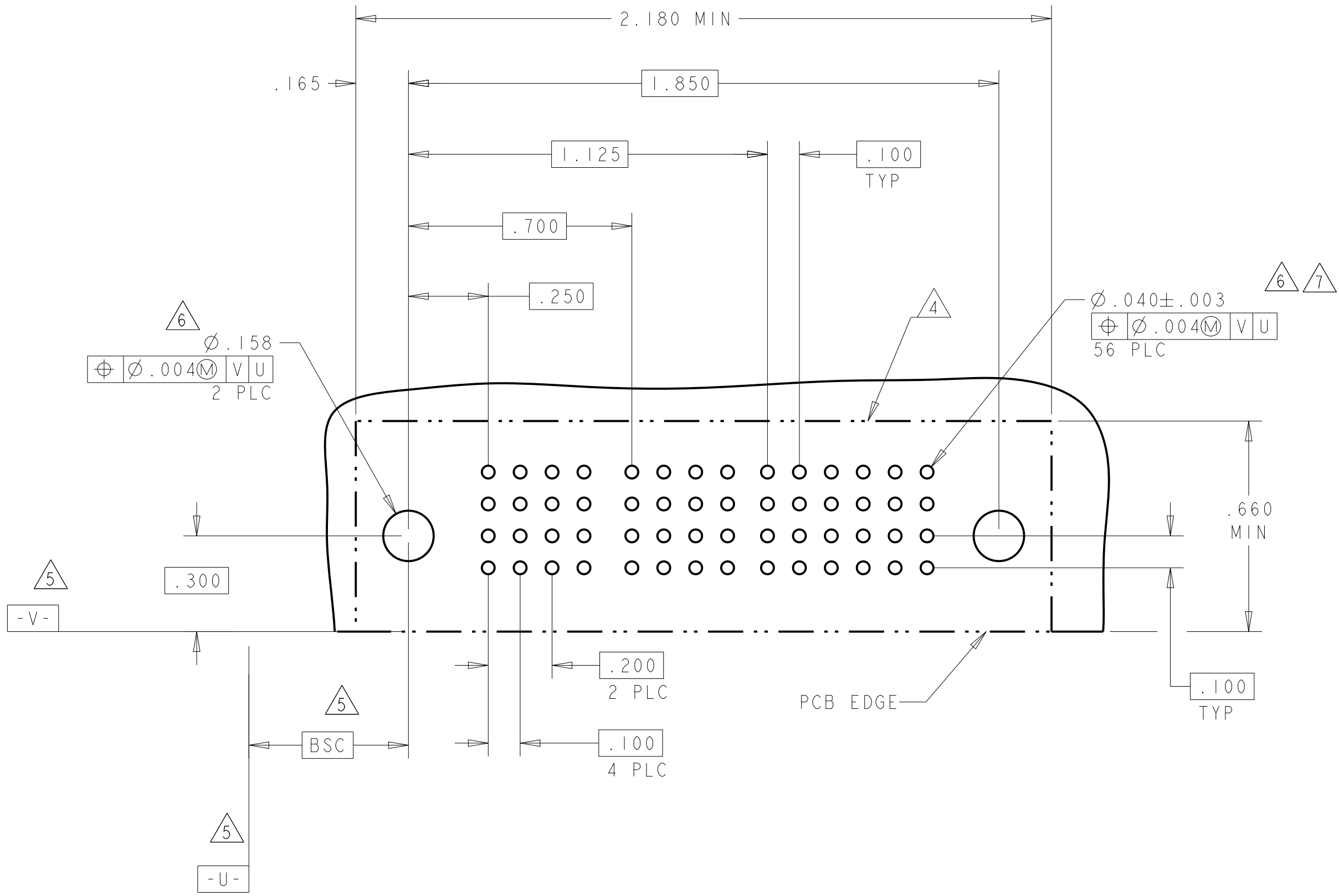
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

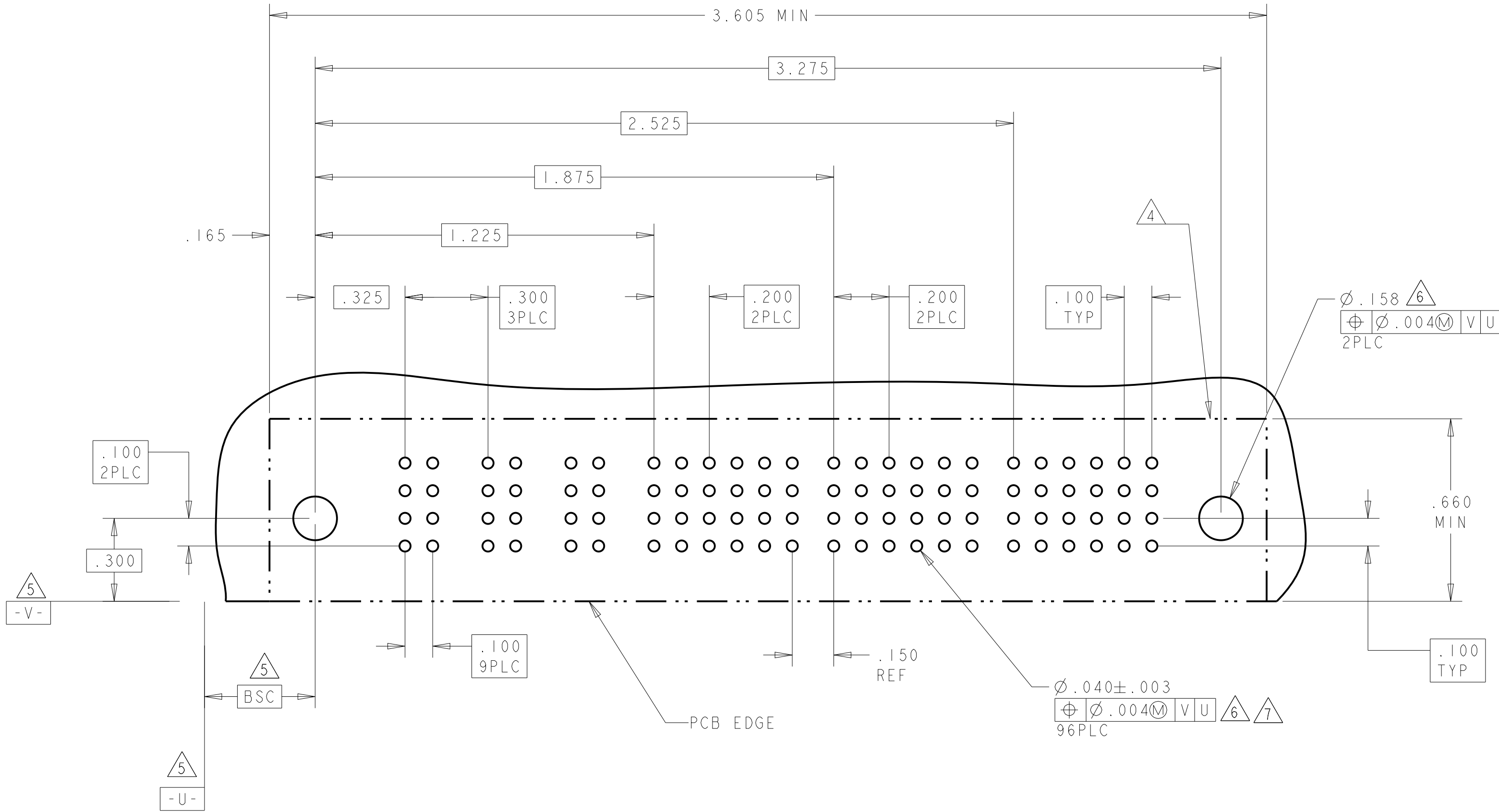
PART NUMBER	ROWS		POWER					SIGNAL							
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2-6450332-0	D			PM	PM	PM	PM	PM	E	E	E	E	E	E	
	K								F	F	F	F	F		
	N								G	G	G	G	G		
	H								H	H	H	H	S		
5P + 24S															

PART NUMBER	ROWS		POWER		SIGNAL						
			P1	P2	1	2	3	4	5	6	
6450332-8	D		PM	PM	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											

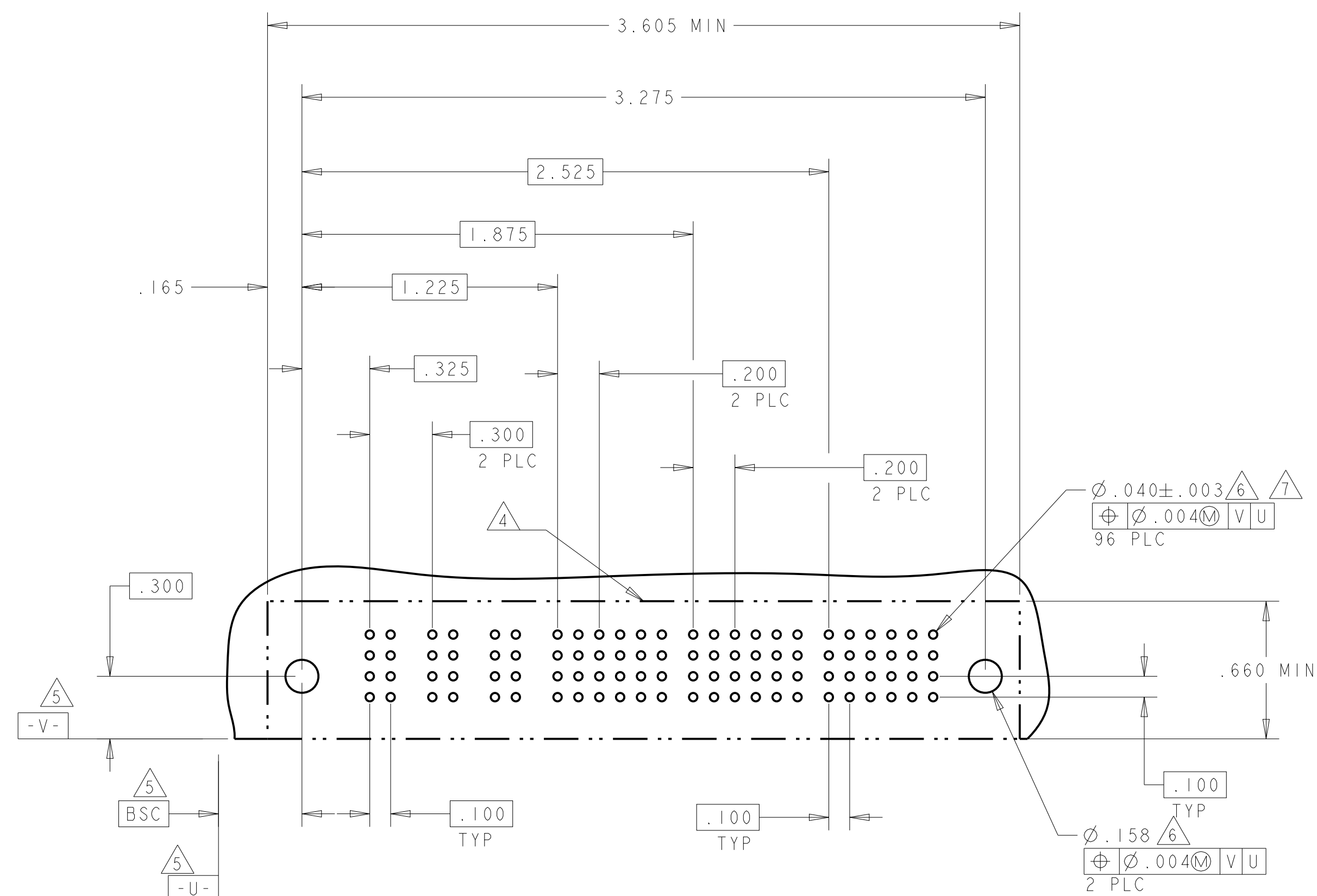


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 24JAN05		
		CHK M. PERCHERKE 24JAN05		
DIMENSIONS:		APVD M. PERCHERKE	NAME	
INCHES		PRODUCT SPEC	RIGHT ANGLE SOLDER HEADER ASSEMBLY	
		108-1973	MULTI-BEAM XL	
		APPLICATION SPEC		
		114-13038		
		WEIGHT		
		CUSTOMER DRAWING		
		SCALE 4:1	SHEET 8 OF 13	
		REV H6		

[illegible]4805 (3/11)

[illegible]4805 (3/11)

[illegible]4805 (3/11)



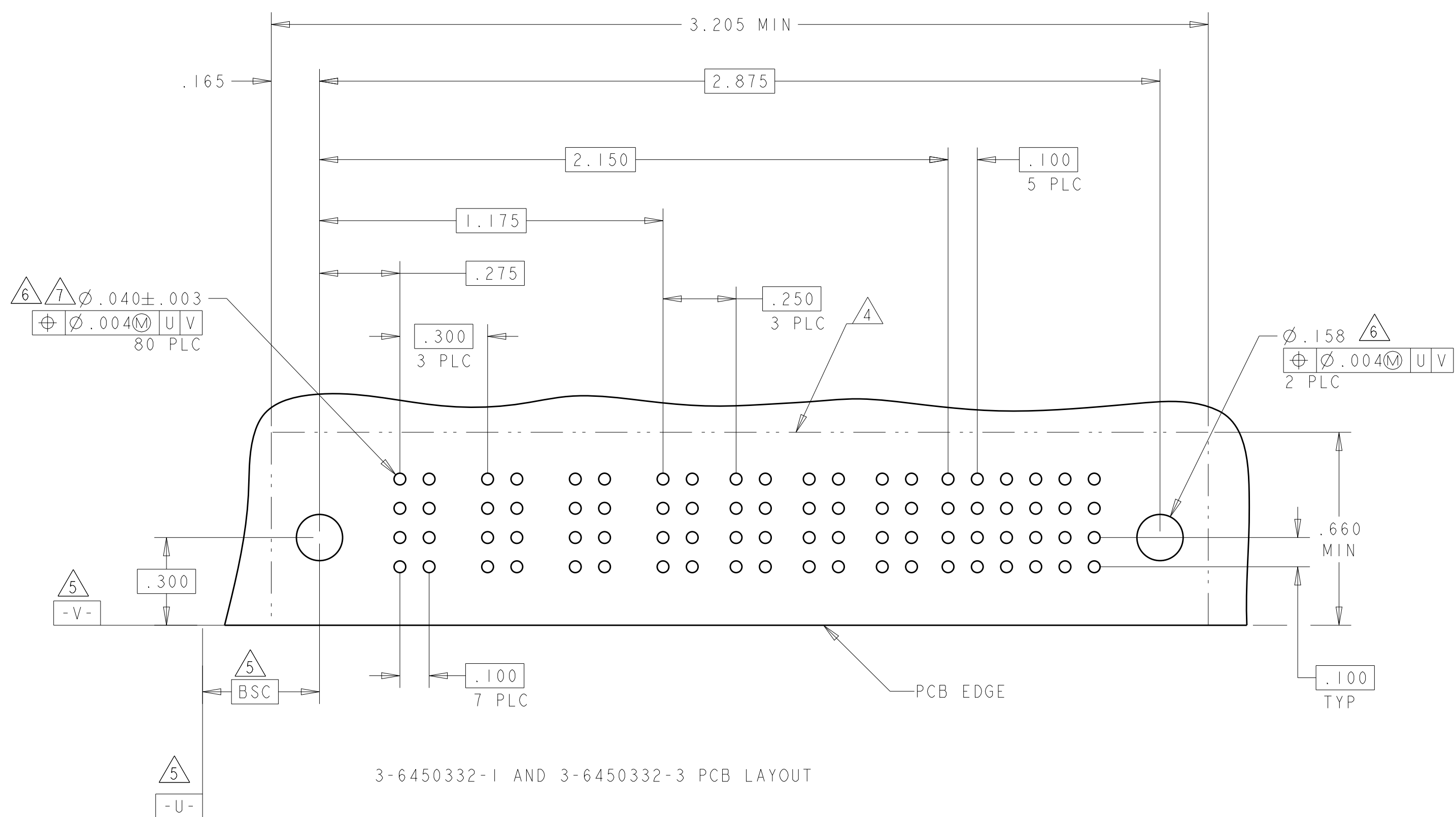






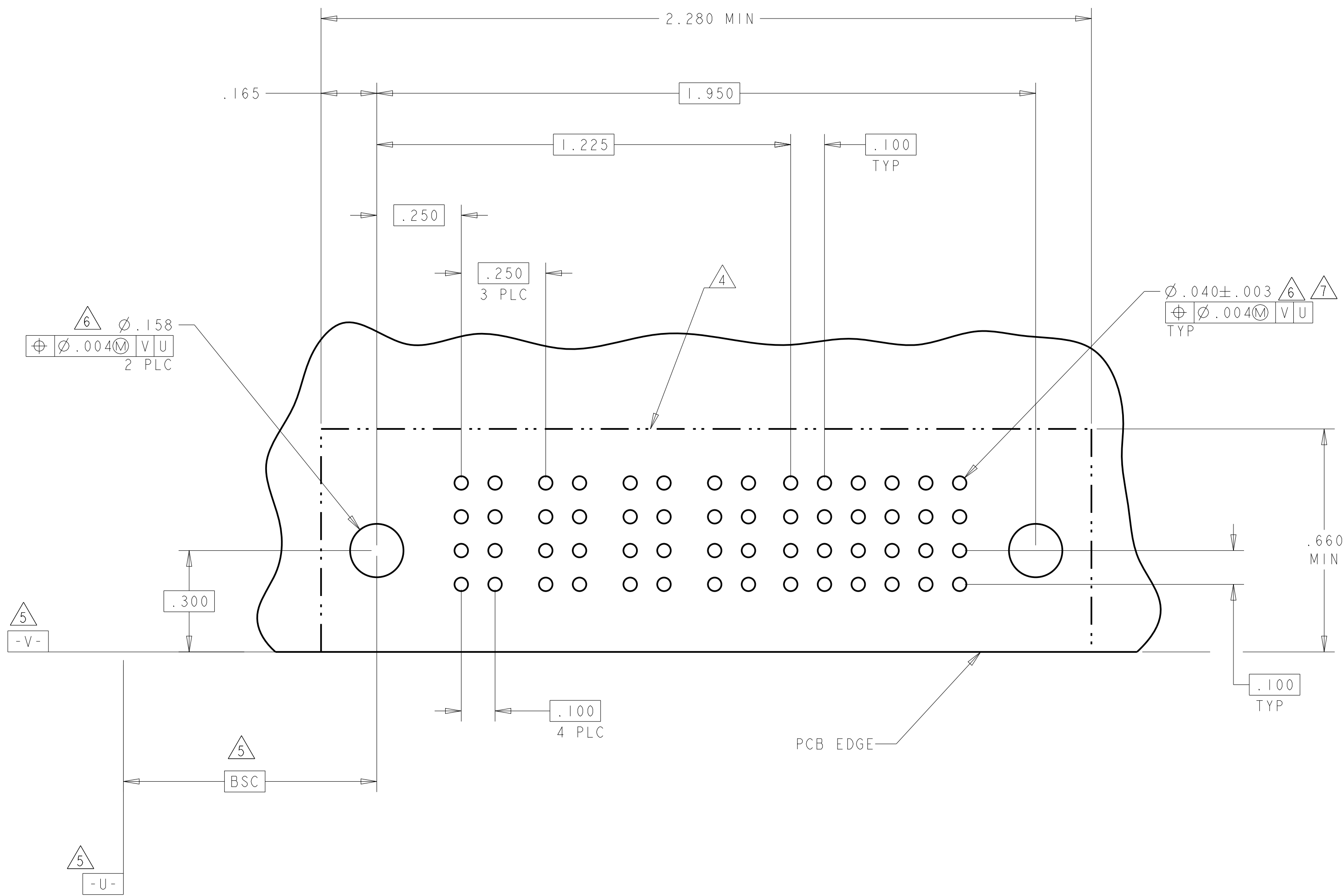






3-6450332-1 AND 3-6450332-3 PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN. GRZYBOWSKI 24JAN05 CHG. M. PERCHERKE 24JAN05		 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 SOLDER HEADER ASSEMBLY MULTI-BEAM XL - -	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE: CAGE CODE: DRAWING NO. A100779 C=6450332	
MATERIAL: - FINISH: -		WEIGHT: - CUSTOMER DRAWING		RESTRICTED TO: - SCALE: 4:1 SHEET 12 OF 13 REV H6	

[illegible]4805 (3/11)