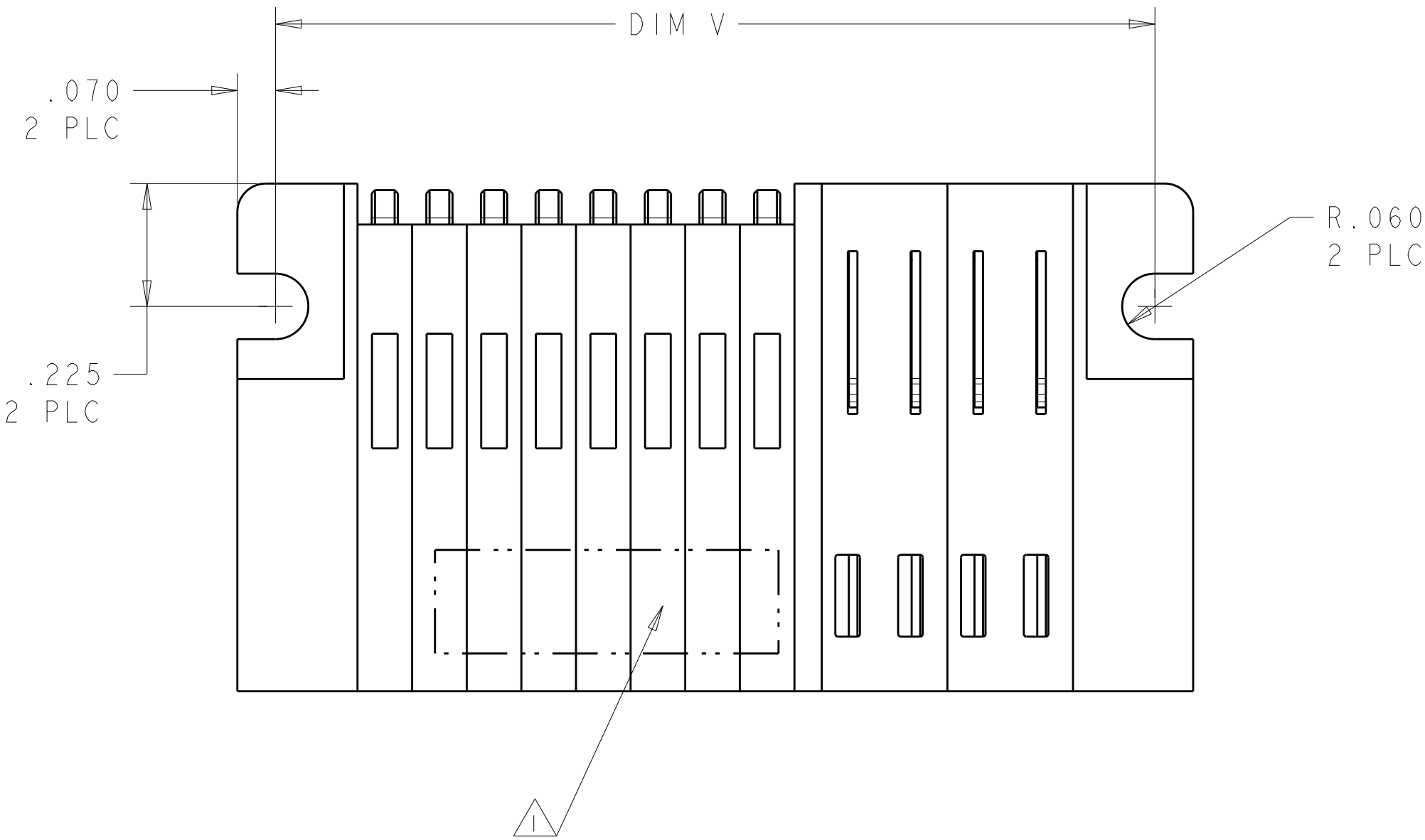
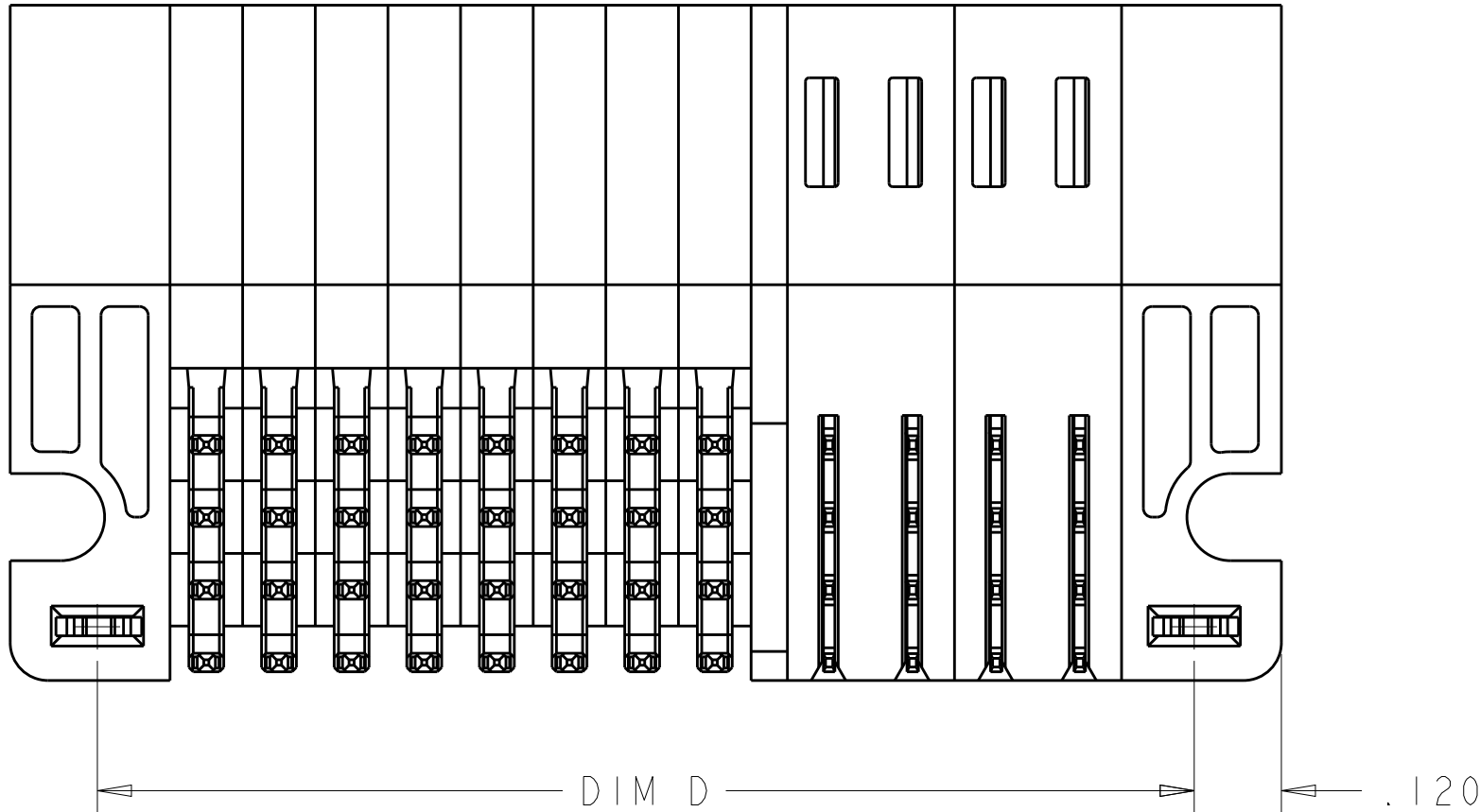
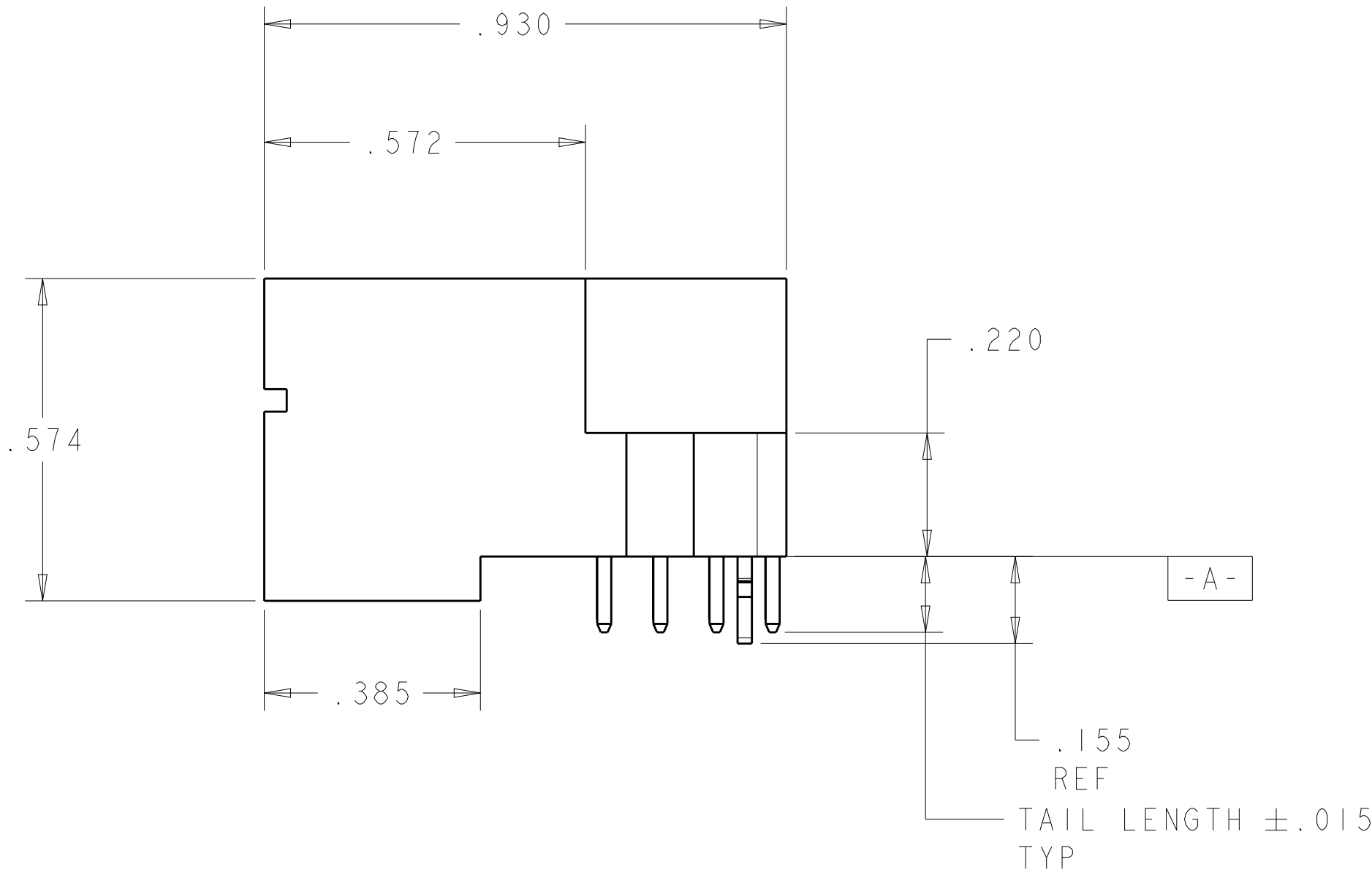
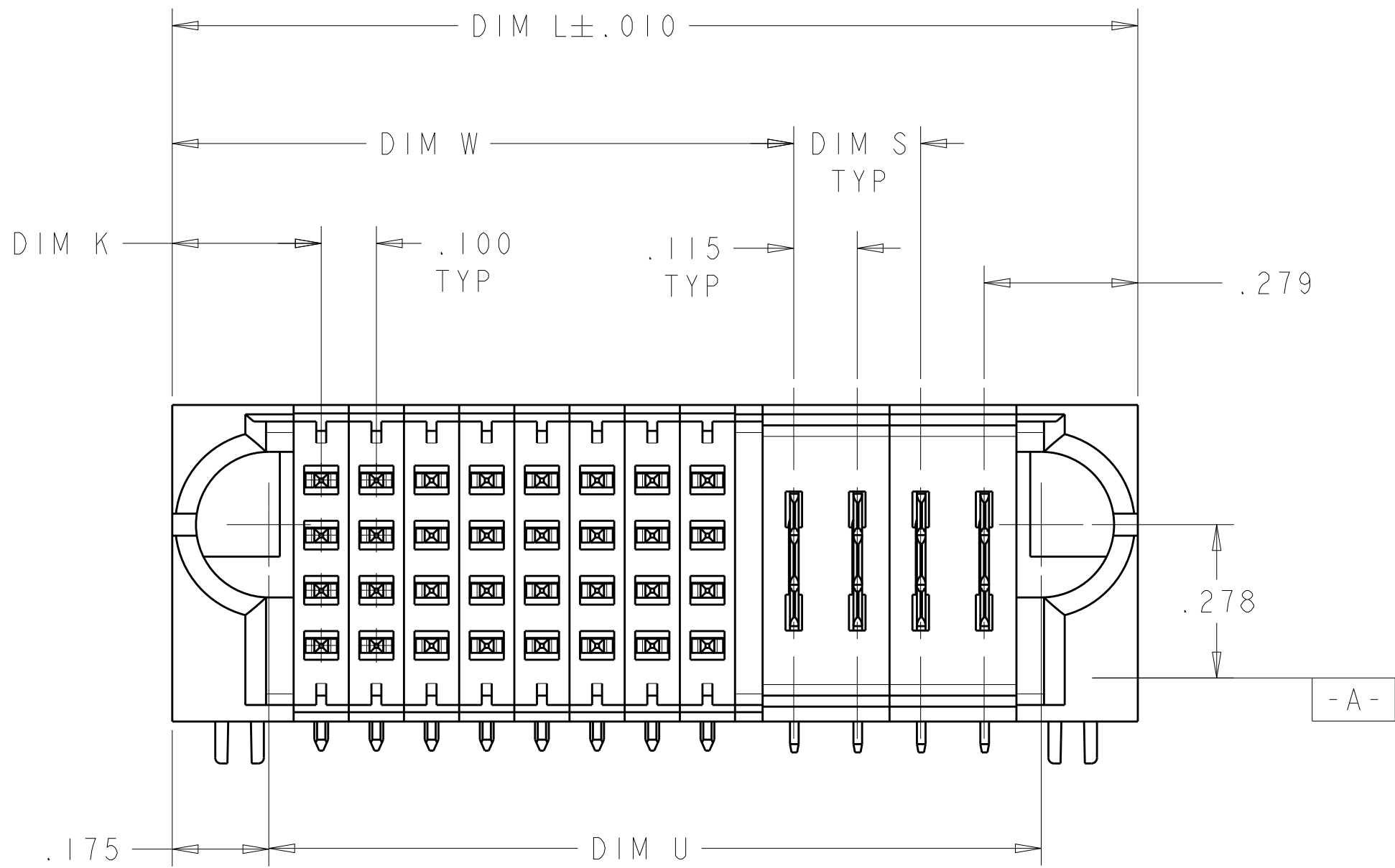


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		L1	REVISED FOR 2-6	14MAY2014	CZ	SZ
			L5	ADD NEW DASH NUMBER 3-4	22SEP2014	CZ	SZ
			L6	ADD 3-6 PER ECO-14-018856	31DEC2014	CZ	SZ

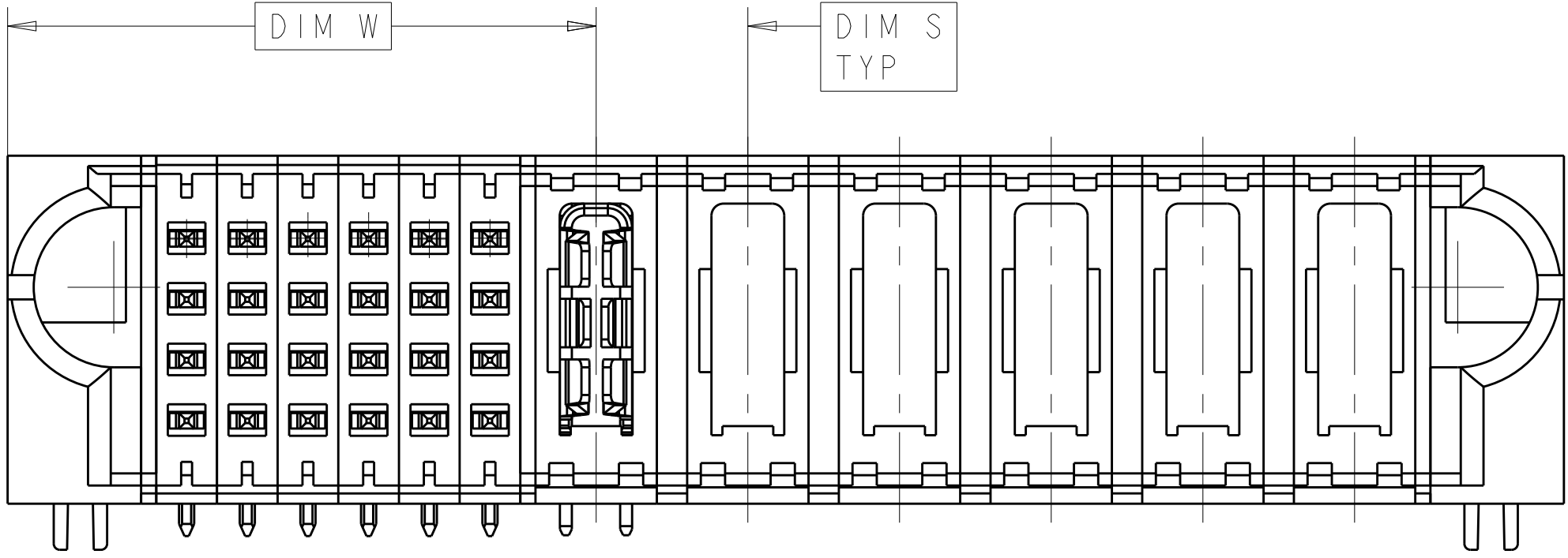


- 1 "AMP", PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN
PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, BLACK, UL94 V-0
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 3 CONTACT PLATING: 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 - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- 7 PCB - 0.0453 ±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn
OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 ±.030 HOLE
- 8 FOR "S+P" CONFIGURATION , VARIABLE DIMENSIONS PLEASE REFER TO SHEET 2.
- 9 VARIABLE DIMENSIONS PLEASE SEE TABLE.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. ZHOU CHK S. ZHAO APVD S. YAO	15OCT2007 15OCT2007 -	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME R/A HEADER WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
		0 PLC	±"	PRODUCT SPEC	SIZE A1
		1 PLC	±.01	108-2292	
		2 PLC	±.01	108-13038	
MATERIAL		FINISH		WEIGHT	CAGE CODE 6450831
2		3		Customer Drawing	
				SCALE 4:1	SHEET 1 OF 17
				REV L7	

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



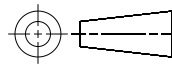
 FOR "S+P" CONFIGURATION
UNSPECIFIED DIMENSIONS REFER TO SHEET 1

(L6)	.600	.700	.490	-	-	.270	.840	16S	3-6450831-6
	3.800	3.900	3.690	.200	3.120	.270	4.040	112S + 4HDP	3-6450831-4
	2.920	3.020	2.810	.250 	.845 	.270	3.160	20S + 4P + 3LP	3-6450831-0
	2.250	2.350	2.140	.200 	.745 	.270	2.490	16S + 8HDP	2-6450831-9
	3.450	3.550	3.340	.300 	1.220 	.270	3.690	32S + 8ACP	2-6450831-8
	2.250	2.350	2.140	.300 	1.220 	.270	2.490	32S + 4ACP	2-6450831-7
	1.750	1.850	1.640		.745 	.270	1.990	16S + 4P	2-6450831-6
	4.125	4.225	4.015	.375 	.995 	.270	4.365	24S + 9P	2-6450831-5
	2.800	2.900	2.690	.250 	.945 	.270	3.040	24S + 8P	2-6450831-4
	3.225	3.325	3.115	.200 	.945 	.270	3.465	24S + 12HDP	2-6450831-3
	4.400	4.500	4.290	 - 	1.995	.270	4.64	64S+4P+2HDP+5P	2-6450831-2
	.875	.975	.765	-	-	.345	1.115	24S	2-6450831-1
	.875	.975	.765	-	-	.345	1.115	24S	2-6450831-0
	1.625	1.725	1.515	.200 	.945 	.270	1.865	24S + 4P	1-6450831-9
	3.600	3.700	3.490	.250	.770	.295	3.840	16S + 12P	1-6450831-8
	3.100	3.200	2.990	.250	.770	.295	3.340	16S + 10P	1-6450831-7
	3.100	3.200	2.990	.250	.770	.295	3.340	16S + 10P	1-6450831-6
	.600	.700	.490	-	-	.270	.840	16S	1-6450831-5
	4.500	4.600	4.390	.250 	1.145 	.270	4.74	32S + 14P	1-6450831-4
	3.250	3.350	3.140	.225 	1.145 	.270	3.490	32S + 10P	1-6450831-3
	3.300	3.400	3.190		1.170 	.270	3.540	32S + 10P	1-6450831-2
	.800	.900	.690	-	-	.270	1.040	24S	1-6450831-1
	2.325	2.425	2.215	.250 	.970 	.295	2.565	24S + 6P	6450831-9
	2.825	2.925	2.715	.250 	.970 	.295	3.065	24S + 8P	6450831-7
	2.325	2.425	2.215	.250 	.970 	.295	2.565	24S + 6P	6450831-6
	2.000	2.100	1.890	-	-	.270	2.240	72S	6450831-5
	.800	.900	.690	-	-	.270	1.040	24S	6450831-4
	5.405	5.505	5.295	-	5.2275	.295	5.645	196S + 2LP	6450831-3
	1.510	1.610	1.400	.230	1.1275	.270	1.750	32S + 4LP	6450831-1
	DIM D	DIM V	DIM U	DIM S	DIM W	DIM K	DIM L	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
C. ZHOU
CHK
S. ZHAO
APVD
S. YAO

15OCT2007
15OCT2007
-

PRODUCT SPEC
108-2292
APPLICATION SPEC
108-13038
WEIGHT
-

Customer Drawing

NAME
R/A HEADER WITH SHORT GUIDES
AND LP CONTACTS ASSEMBLY
MULTI-BEAM XLE

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450831

RESTRICTED TO
-

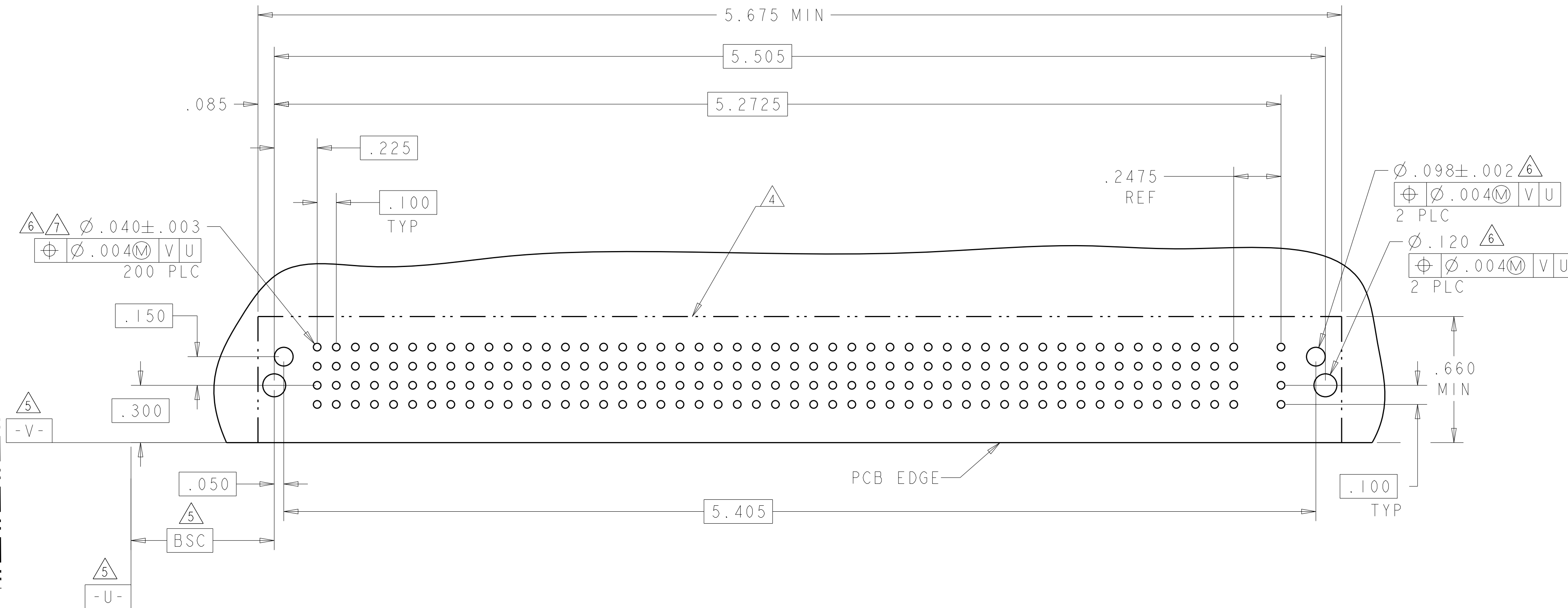
SCALE
4:1

SHEET
2

OF
17

REV
L7

TE Connectivity

[illegible]

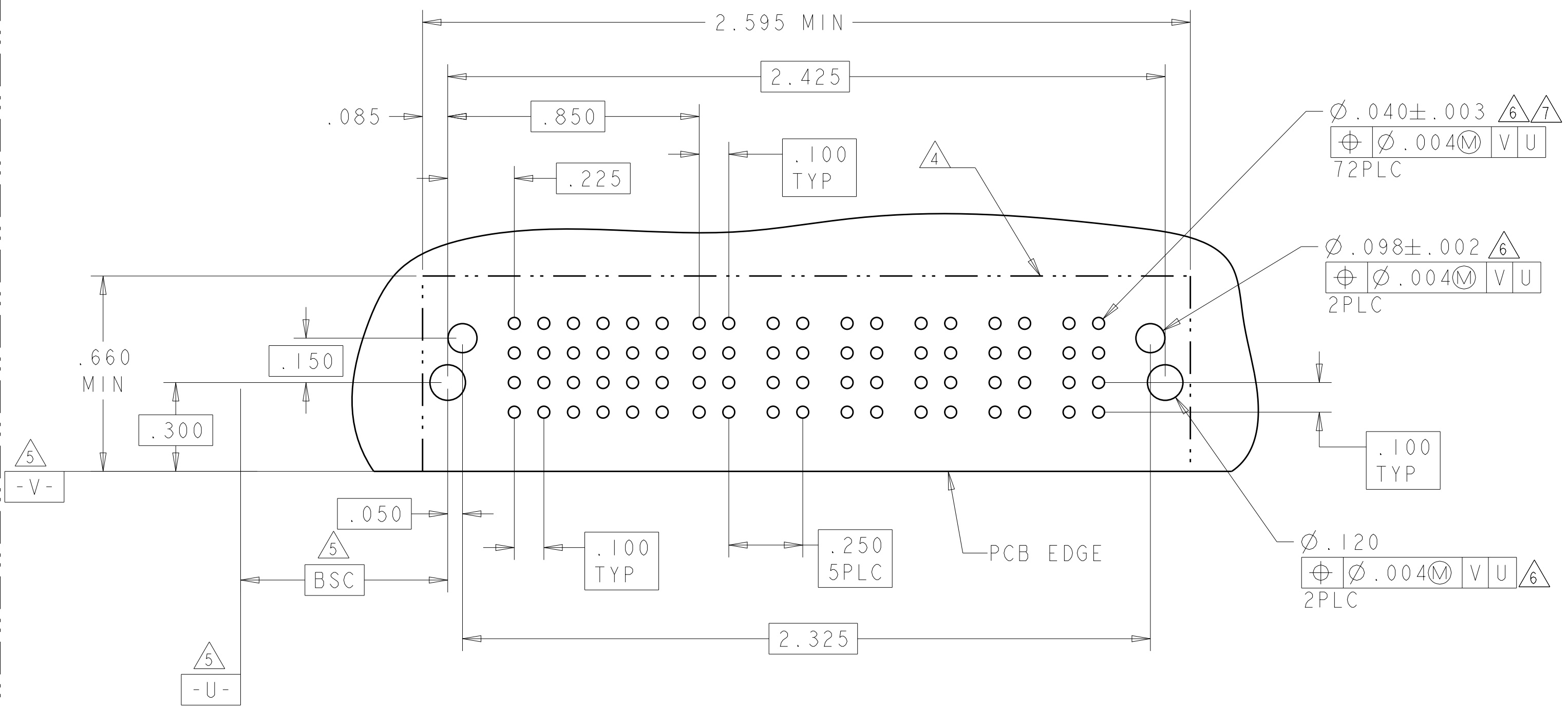
Mechanical drawing of a PCB edge showing dimensions and tolerances. The drawing includes the following features:

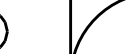
- Top Edge:**
 - Overall width: 1.070 MIN
 - Distance from left edge to center of first hole: .900
 - Distance between centers of first two holes: .085
 - Distance from left edge to center of third hole: .200
 - Distance between centers of third and fourth holes: .100 TYP
- Right Edge:**
 - Overall height: .660 MIN
 - Distance from top edge to center of first hole: .150
 - Distance from top edge to center of second hole: .300
 - Distance from top edge to center of third hole: .050
 - Distance from top edge to center of fourth hole: .800
 - Distance from top edge to center of fifth hole: .100 TYP
- Bottom Edge:**
 - Distance from bottom edge to center of first hole: .150
 - Distance from bottom edge to center of second hole: .300
 - Distance from bottom edge to center of third hole: .050
 - Distance from bottom edge to center of fourth hole: .800
 - Distance from bottom edge to center of fifth hole: .100 TYP
- Internal Features:**
 - Central hole array: 5 holes in a 2x2 grid, with a 5th hole centered below the grid.
 - Top edge feature: 24 PLC (2x2 grid, 5th hole centered below the grid).
 - Right edge feature: 2 PLC (2x2 grid, 5th hole centered below the grid).
 - Bottom edge feature: 5 BSC (5x2 grid, 5th hole centered below the grid).
- Dimensions and Tolerances:**
 - Top edge: .040 ± .003 (6x7)
 - Right edge: .098 ± .002 (6x7)
 - Bottom edge: .040 ± .003 (6x7)
 - Left edge: .040 ± .003 (6x7)
- Other Labels:**
 - PCB EDGE
 - 24 PLC
 - 2 PLC
 - 5 BSC
 - 5
 - 6
 - 7

MFBL SIGNAL CONTACT, .135 TAIL LENGTH, ROW A	FS
MLBF SIGNAL CONTACT, .135 TAIL LENGTH, ROW D	E
MLBF SIGNAL CONTACT, .135 TAIL LENGTH, ROW C	F
MLBF SIGNAL CONTACT, .135 TAIL LENGTH, ROW B	G
MLBF SIGNAL CONTACT, .135 TAIL LENGTH, ROW A	H
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW D	J
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW C	K
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW B	N
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW A	S
3 BEAM STD POWER CONTACT, .135 TAIL LENGTH	TM
LOWER POWER CONTACT, .135 TAIL LENGTH,MFBL	LMF
LOWER POWER CONTACT, .135 TAIL LENGTH,STD	LM

DESCRIPTION					IDENTIFIER				
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWG CIR S.ZHOV S.ZHAO		150CT2007 150CT2007		 TE Connectivity		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S.YAO		NAME		R/A HEADER WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
		0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES 2°		PRODUCT SPEC 108-2292 APPLICATION SPEC 108-13038		SIZE		DRAWING NO	
MATERIAL -		FINISH -		WEIGHT -		A100779		C=6450831	
Customer Drawing						SCALE 4:1		SHEET 3 OF 17	
								REV L 2	

PART NUMBER	ROWS		SIGNAL						POWER						
			I	2	3	4	5	6	P1	P2	P3	P4	P5	P6	
6450831-6	D		J	J	J	J	J	J	TM	TM	TM	TM	TM	TM	
	C		K	K	K	K	K	K							
	B		N	N	N	G	N	N							
	A		S	S	S	H	S	S							
		HD													HD
24S + 6P															



ASSY PART NUMBER	ROWS		SIGNAL						POWER							
			I	2	3	4	5	6	PI	P2	P3	P4	P5	P6		
6450831-9	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	S								
24S + 6P																

3.095 MIN

.085

.850

.225

.100 TYP

$\varnothing .040 \pm .003$ $\triangle 6$ $\triangle 7$

$\oplus \varnothing .004 \text{ (M)}$ V U

88 PLC

$\varnothing .120 \pm .003$ $\triangle 6$

$\oplus \varnothing .004 \text{ (M)}$ V U

2 PLC

.100 TYP

.660 MIN

$\triangle 5$

-V-

.300

$\triangle 5$

BSC

$\triangle 5$

-U-

.100 TYP

.250

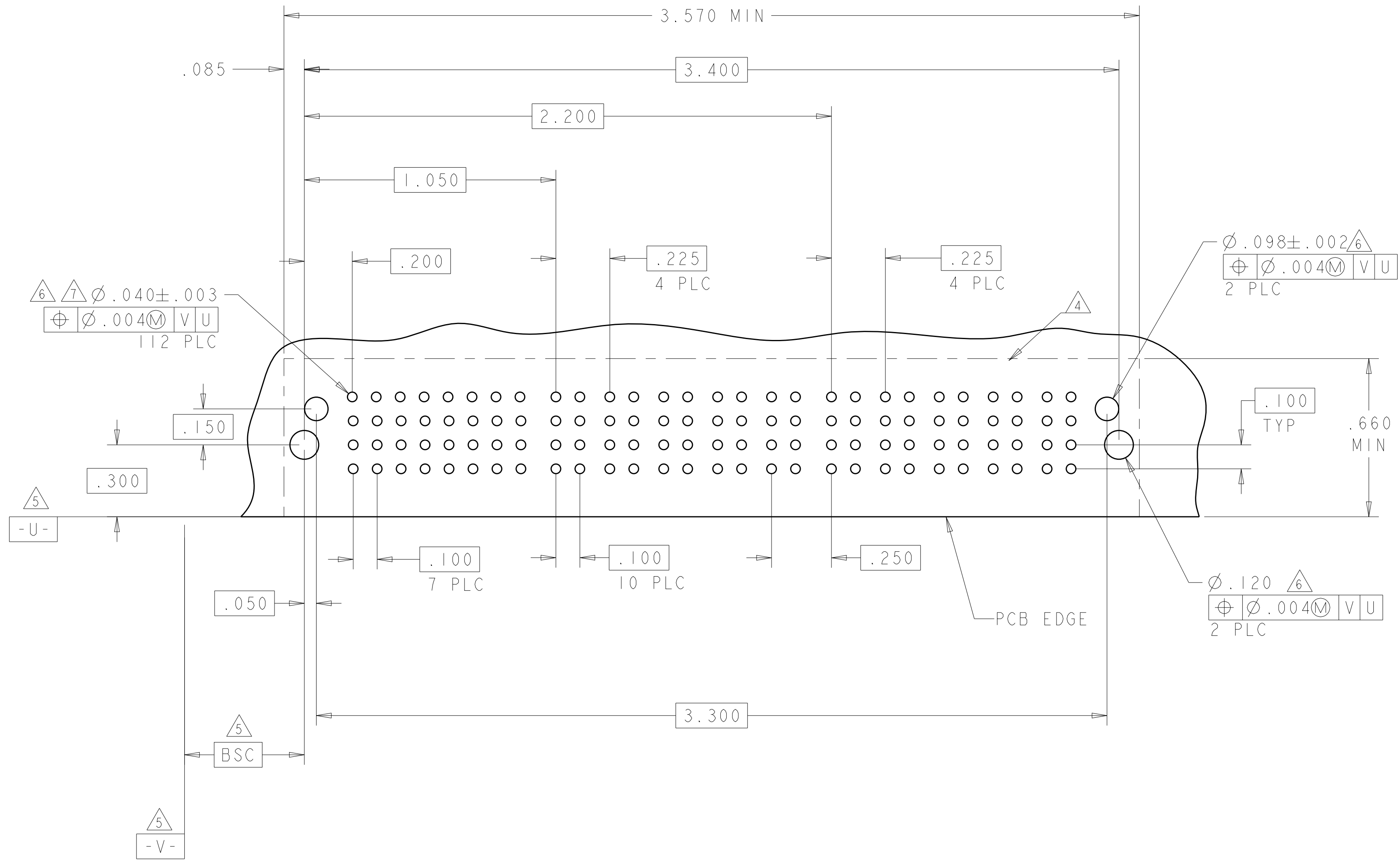
7 PLC

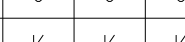
PCB EDGE

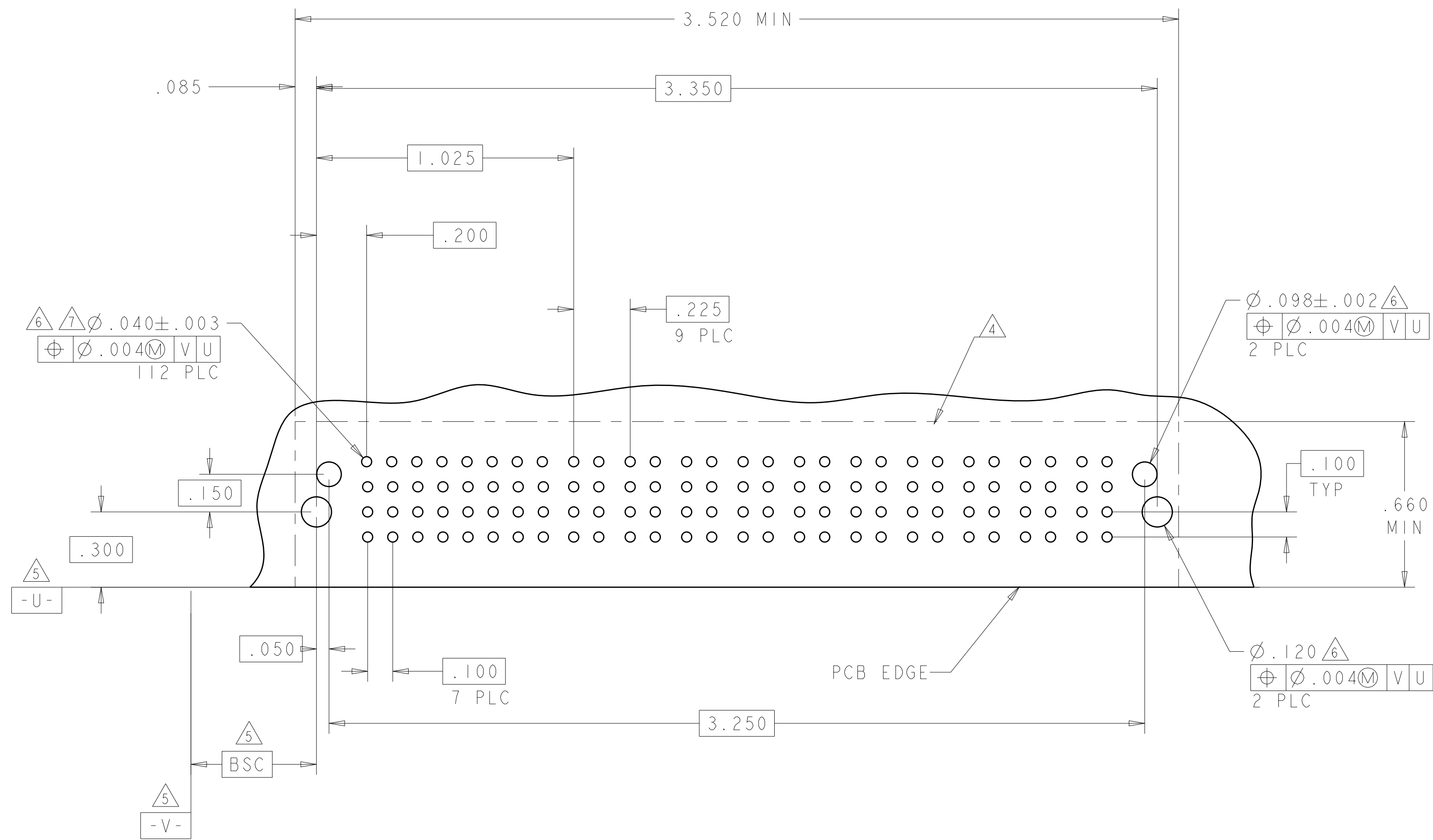
2.950

4805 (3/11)

PART NUMBER	ROWS		SIGNAL								POWER											
			1	2	3	4	5	6	7	8	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10		
1-6450831-2	D		J	J	J	J	J	J	J	J	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM		
	C		K	K	K	K	K	K	K	K												
	B		N	N	N	N	N	N	N	N												N
	A		H	H	H	H	H	H	H	H												H
32S + 10P																						

4805 (3/11)

PART NUMBER	ROWS		SIGNAL								POWER											
			1	2	3	4	5	6	7	8	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10		
I-6450831-3	D		J	J	J	J	J	J	J	J	TM	TM	TM	TM	TM	TM	TM	TM	TM			
	C		K	K	K	K	K	K	K	K												
	B		N	N	N	N	N	N	N	N											N	
	A		H	H	H	H	H	H	H	H											H	
32S + 10P																						



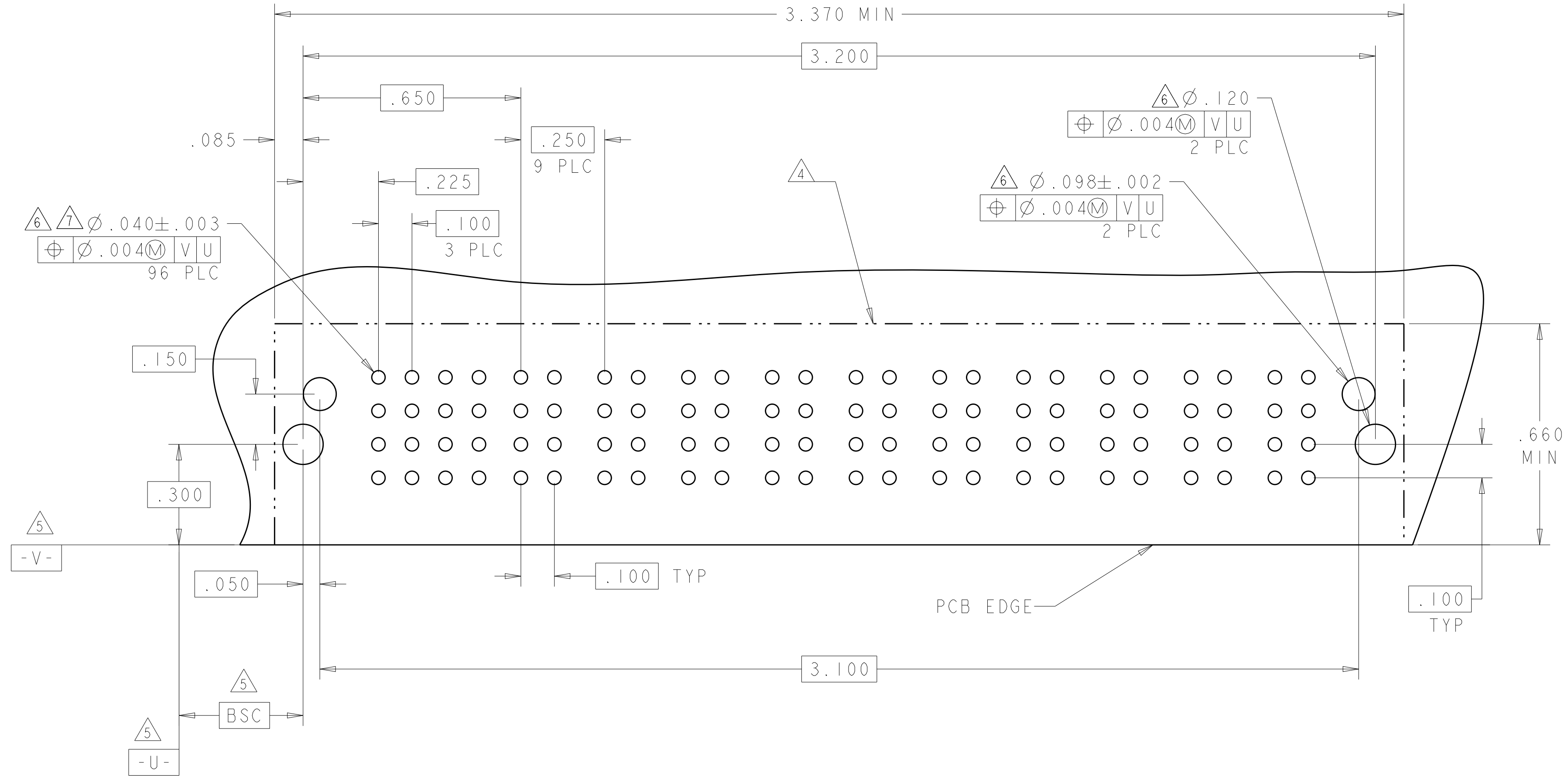
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 150C12007 C.ZHOU CHK 150C12007 S.ZHAO		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ALL ANGLES 2°		NAME R/A HEADER WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
		PRODUCT SPEC 108-2292 APPLICATION SPEC 108-13038		SIZE A1	
MATERIAL .		FINISH .		CASE CODE 00779	
WEIGHT .		DRAWING NO C=6450831		RESTRICTED TO .	
Customer Drawing				SCALE 4:1	SHEET 7 of 17
				REV L7	

H3

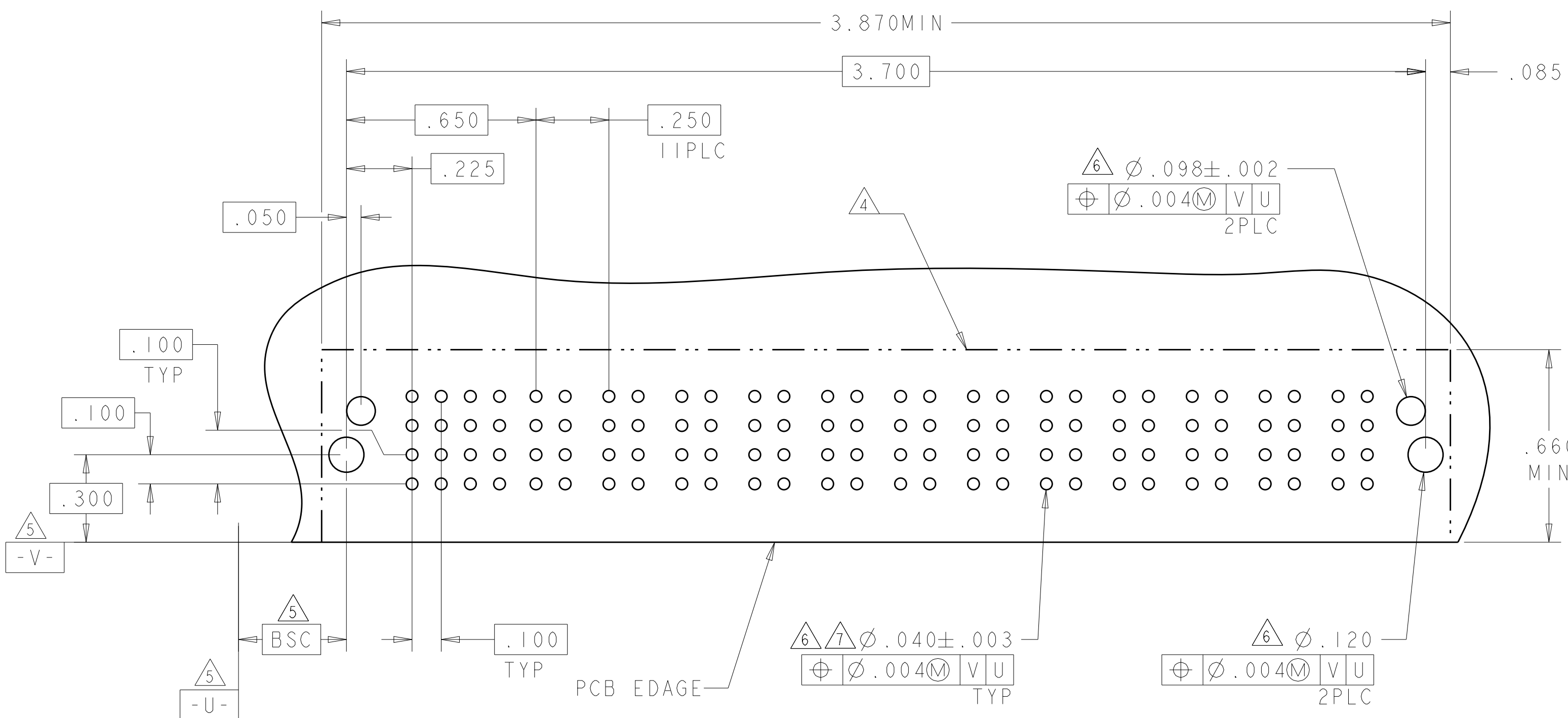
4805 (3/11)

PART NUMBER	ROWS		SIGNAL				POWER										
			I	2	3	4	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	
I-6450831-6	D		E	E	J	J	TM	TM	TM	TM	TM	TM	TM	TM	TM		
	C		K	K	K	K											
	B		N	N	N	N											
	A	HD	S	S	S	S											
16S + 10P																	

H7

4805 (3/11)

PART NUMBER	ROWS		SIGNAL				POWER												
			I	2	3	4	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	
I-6450831-8	D		E	E	J	J	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM		
	C		K	K	K	K													
	B		N	N	N	N													
	A		S	S	S	S													
16S + 12P																			



RECOMMENDED PCB LAYOUT

4805 (3/11)

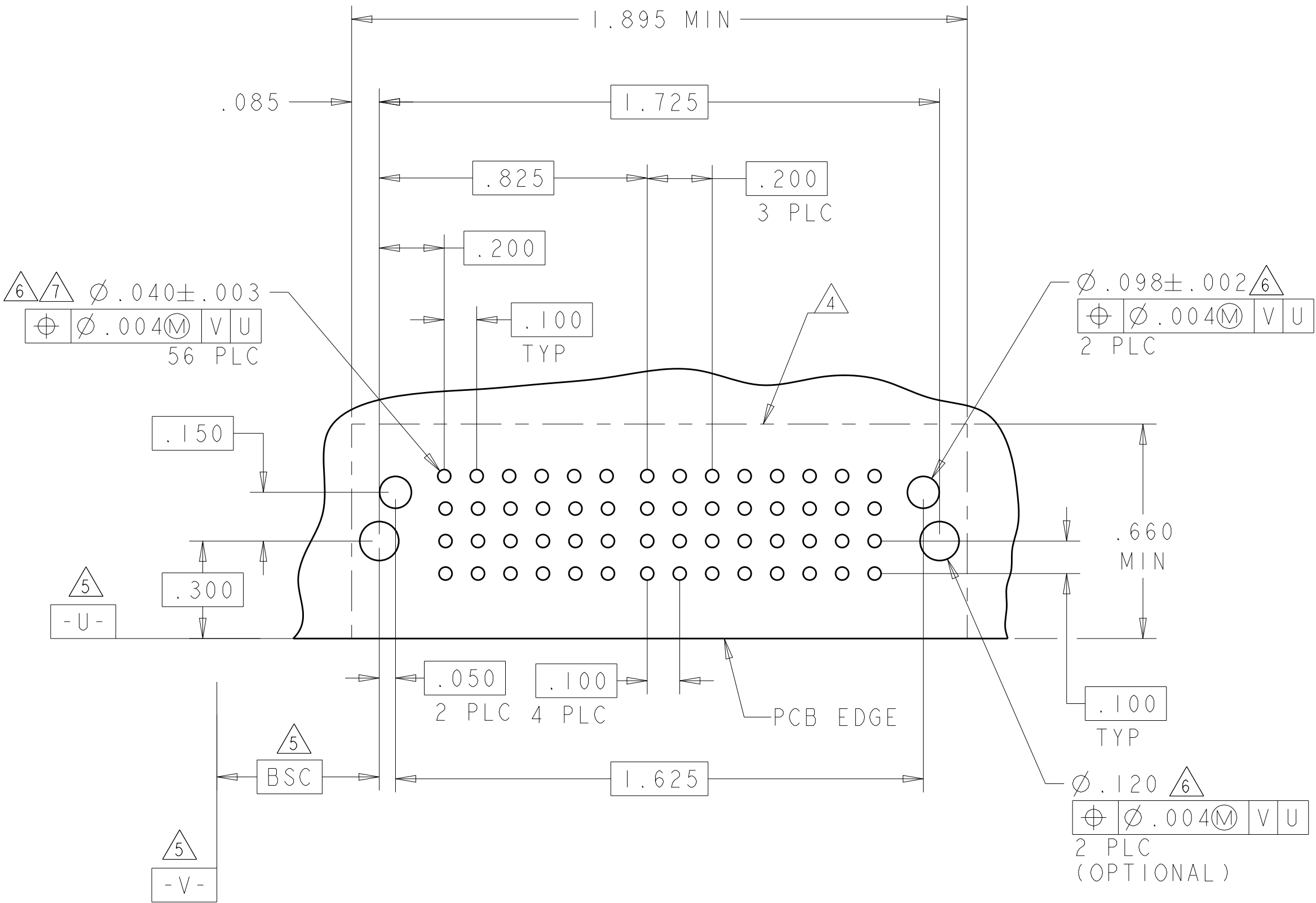
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
ES	00	-	-	SEE SHEET 1	-	-

PART NUMBER	ROWS		SIGNAL						POWER				
			1	2	3	4	5	6	P1	P2	P3	P4	
1-6450831-9	D		J	J	J	J	J	J	TM	TM	TM	TM	
	C		K	K	K	K	K	K					
	B		N	N	N	N	N	N					
	A	HD	S	S	S	S	S	S					
24S + 4P													

PART NUMBER	ROWS		SIGNAL						
			1	2	3	4	5	6	
2-6450831-0	D		J	J	J	J	J	J	
	C		K	K	K	K	K	K	
	B		N	N	N	N	N	N	
	A	HD	S	S	S	S	S	S	
24S									

PART NUMBER	ROWS		SIGNAL						
			1	2	3	4	5	6	
2-6450831-1	D		J	J	J	E	E	E	
	C		K	K	K	K	F	F	
	B		N	N	N	N	G	G	
	A	HD	S	S	S	S	H	H	
24S									

J4



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

ASSY PART NUMBER	ROWS		SIGNAL																POWER											
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	
2-6450831-2	D C B A		J					J	J	J	J	J	J	J	J	J		TM	TM	TM	TM			TM		TM		TM		
			K					K	K	K	K	K	K	K	K	K	K													
			N					N	N	N	N	N	N	N	N	N	N													
			S					S	S	S	S	S	S	S	S	S	S													
64S+4P+2HDP+5P																														

NO CONTACTS LOADED

NO CONTACTS LOADED

.25
3 PLC

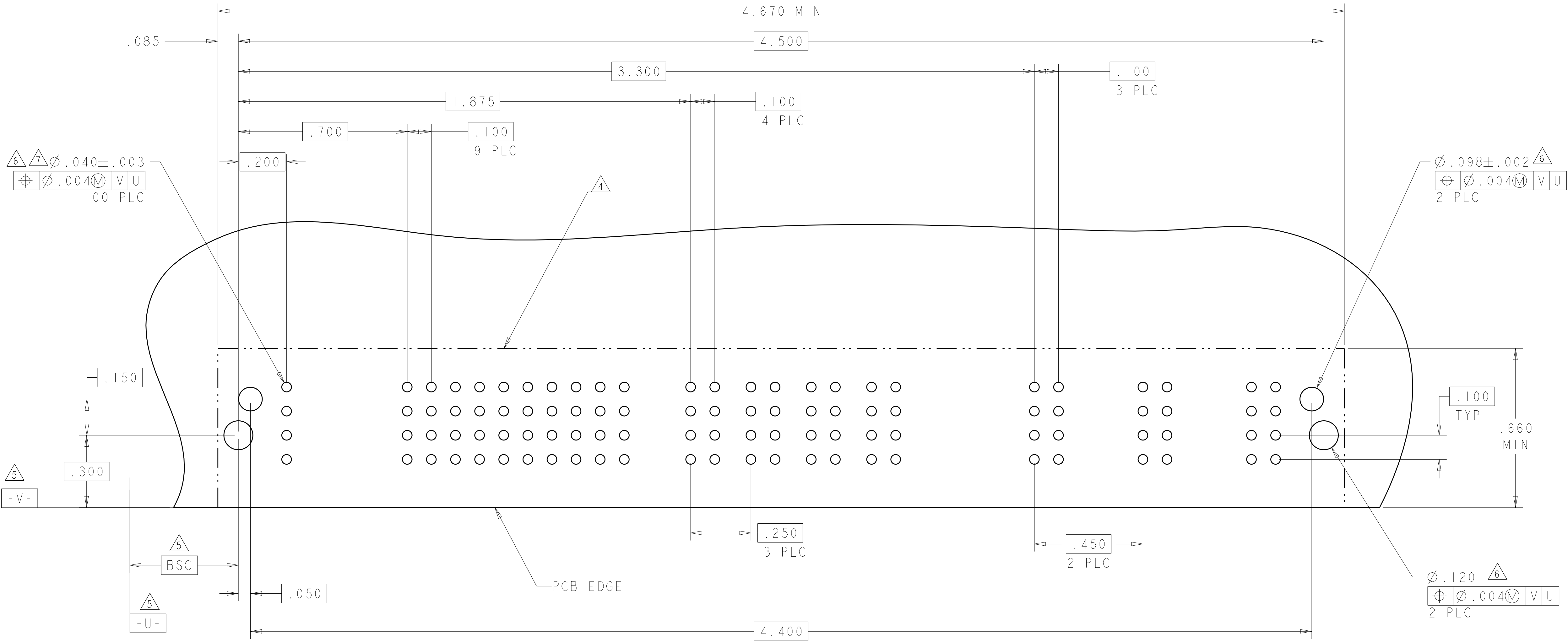
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LOADED

.275

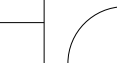
.200
2 PLC

.225
4 PLC

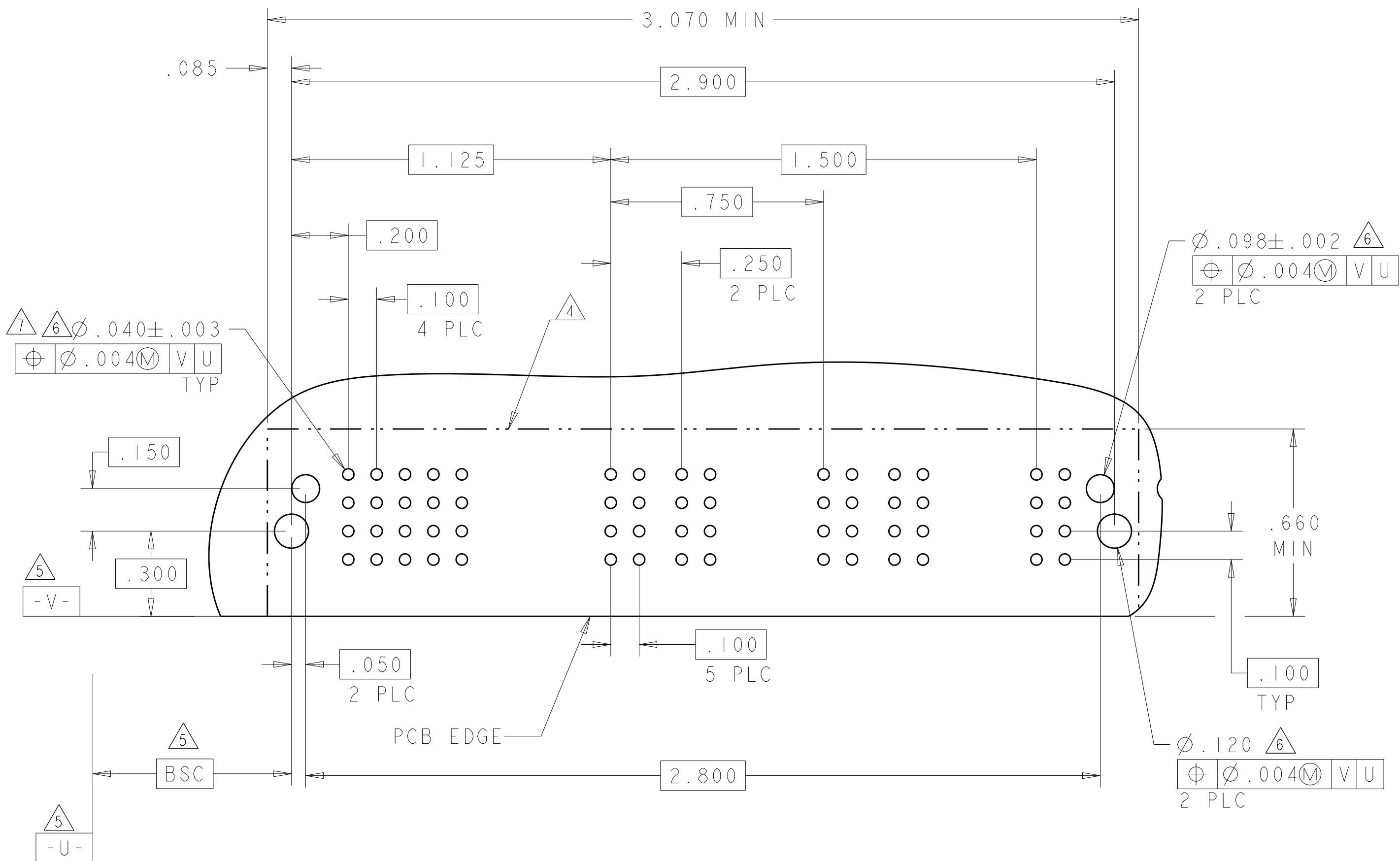
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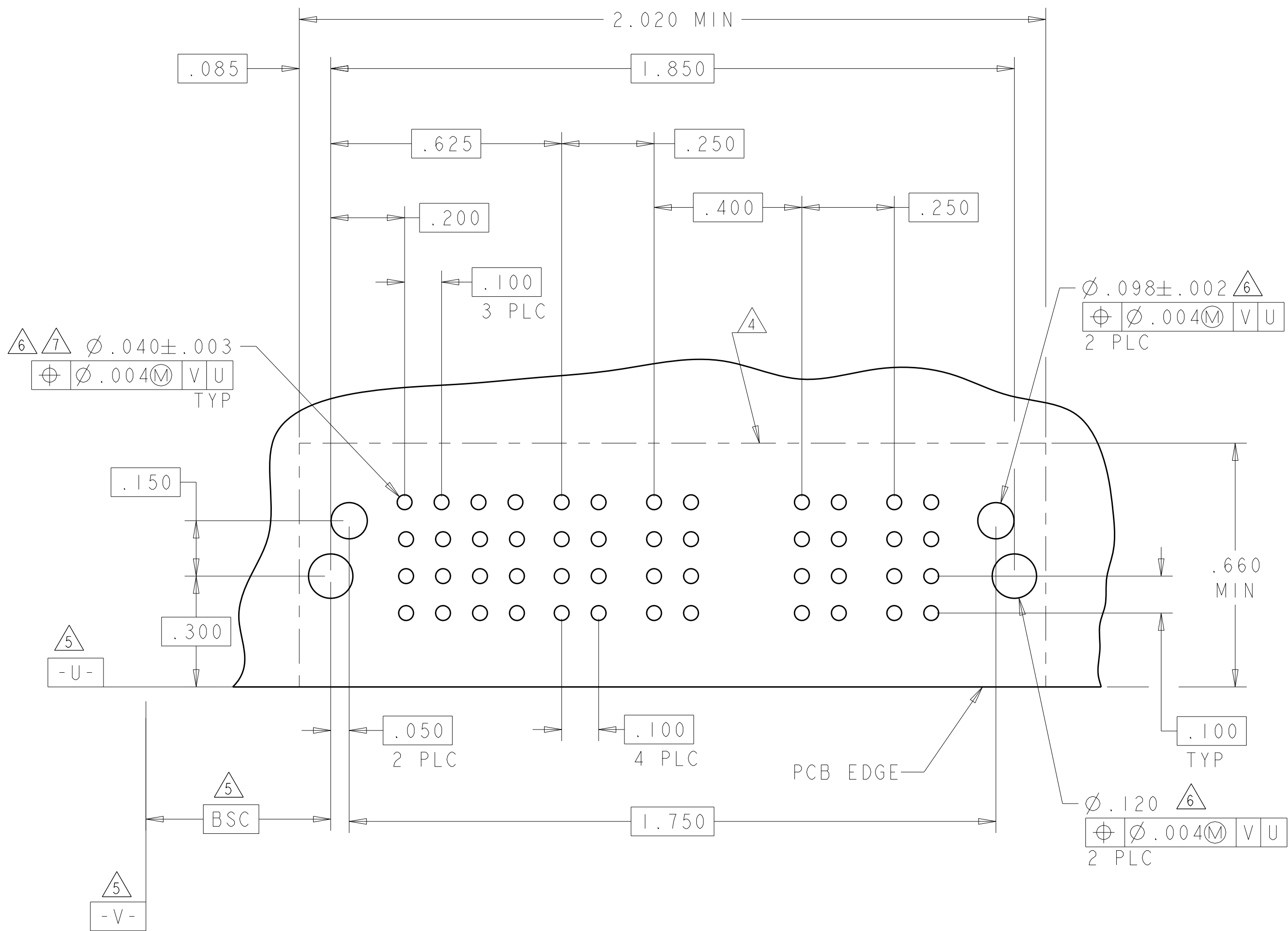
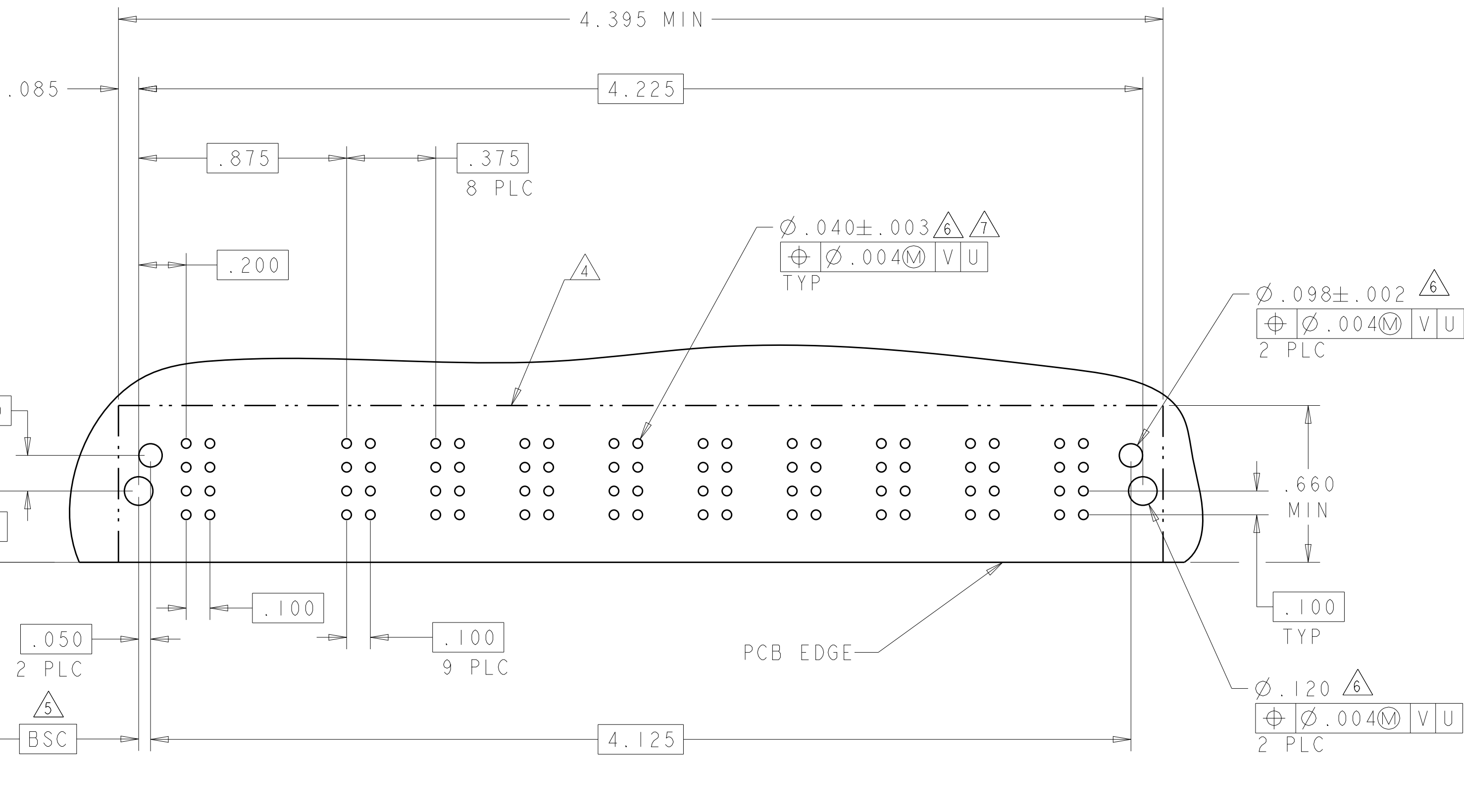


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN C. ZHOU	15OCT2007	TE Connectivity	
DIMENSIONS: INCHES		CHK S. ZHAO	15OCT2007		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. YAO	-	NAME R/A HEADER WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
0 PLC ±.01		PRODUCT SPEC		SIZE A1	
1 PLC ±.01		APPLICATION SPEC		CAGE CODE 00779	
2 PLC ±.005		DRAWING NO		DRAWING NO 6450831	
3 PLC ±.005		RESTRICTED TO		SCALE 4:1	
4 PLC ±.0020		WEIGHT		SHEET 12	
ANGLES ±.0020		Customer Drawing		OF 17	
FINISH				REV 7	

PART NUMBER	ROWS		SIGNAL						POWER								
			I	2	3	4	5	6	P1	P2	P3	P4	P5	P6	P7	P8	
2-6450831-4	D		J	J	J	J	J										
	C		K	K	K	K	K				TM	TM					
	B		N	N	N	N	N						TM	TM			TM
	A		HD	S	S	S	S	S									
24S + 8P																	

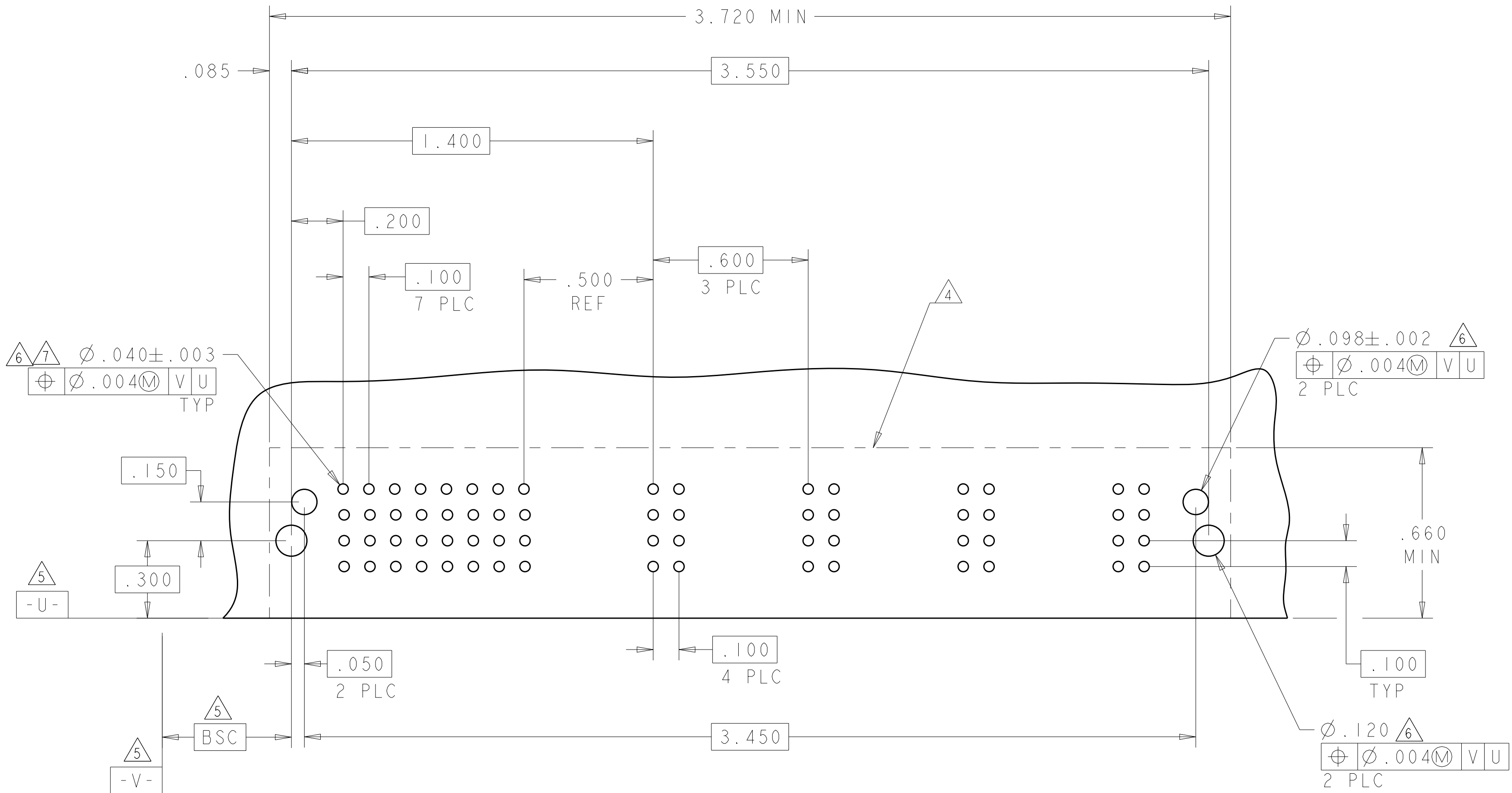
NO CONTACTS LOADED

4805 (3/11)

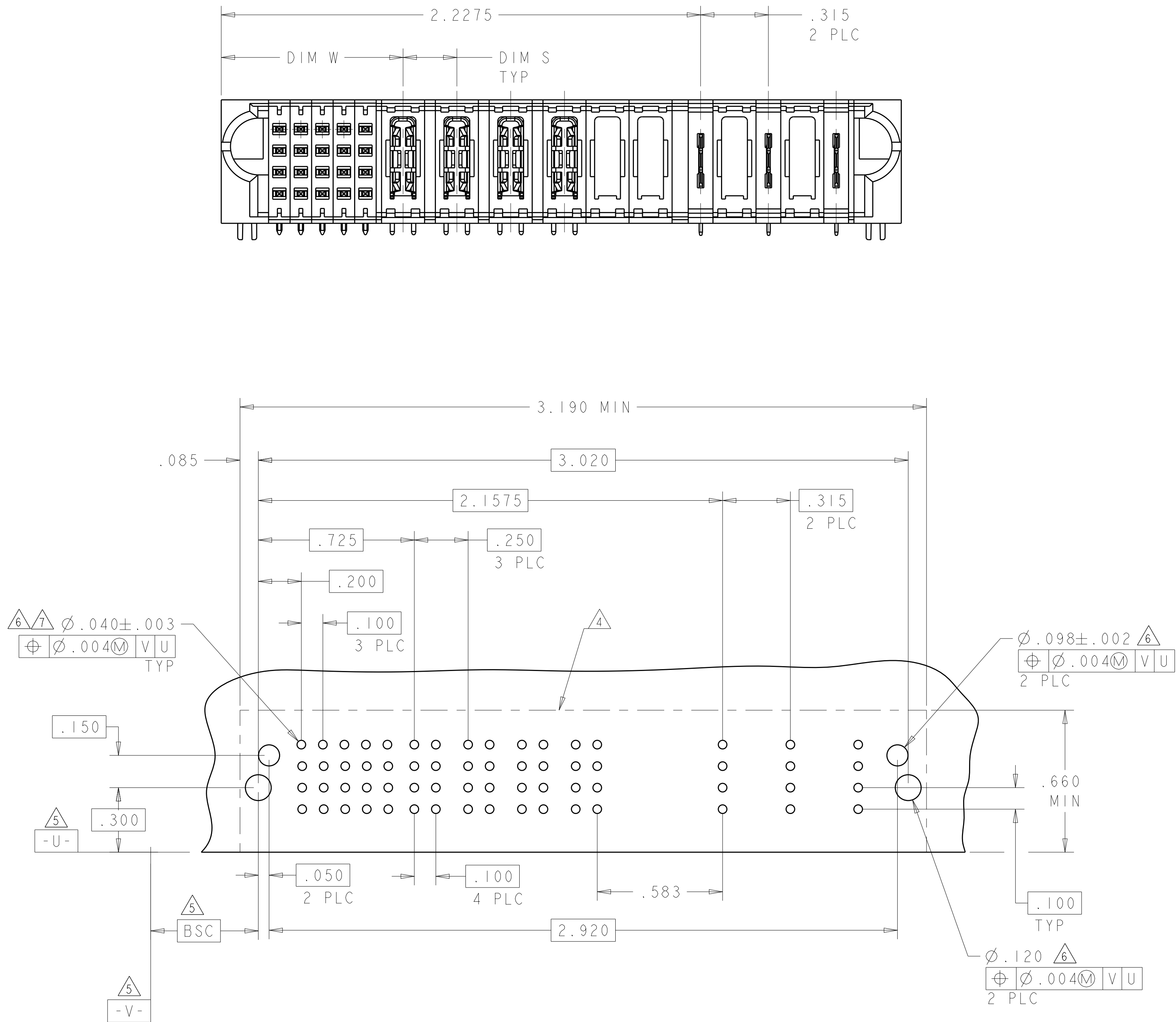
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[illegible]

NO CONTACTS LOADED

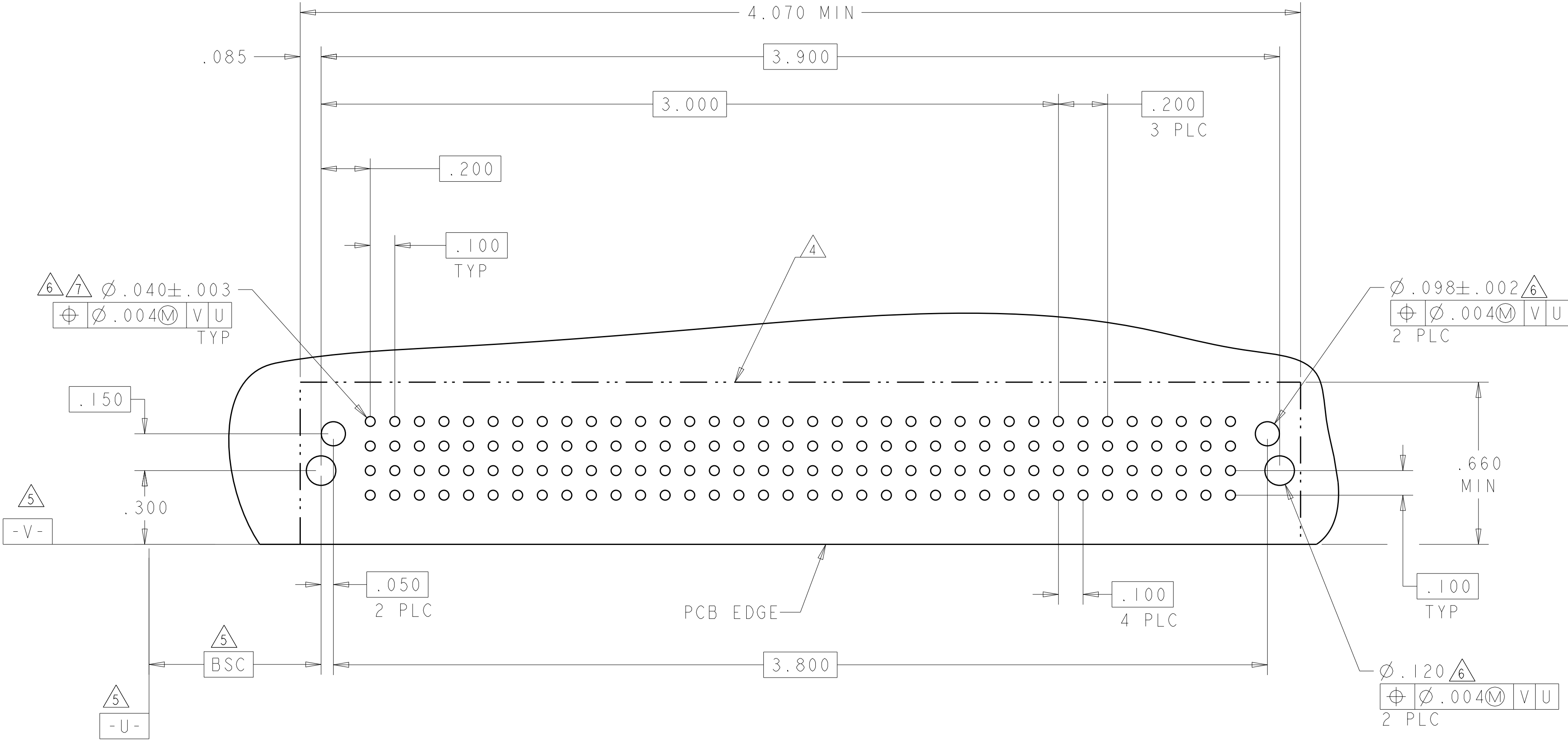
4805 (3/11)

PART NUMBER	ROWS		SIGNAL					POWER				LOW POWER			
			I	2	3	4	5	P1	P2	P3	P4	LP1	LP2	LP3	
3-6450831-0	D		J	J	J	J	J	TM	TM	TM	TM	LM	LM	LM	
	C		K	K	K	K	K								
	B		N	N	N	N	N								
	A		H	H	H	S	S								
20S + 4P + 3LP															

4805 (3/11)

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

PART NUMBER	ROWS		SIGNAL																												POWER				
			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	P1	P2	P3	P4	
3-6450831-4	D C B A		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	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		
			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	
112S + 4HDP																																			



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. ZHOU	15OCT2007	 TE Connectivity	
		CHK S. ZHAO	15OCT2007		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH		NAME R/A HEADER WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE	
		PRODUCT SPEC 108-2292		SIZE	
		APPLICATION SPEC 108-13038		CAGE CODE	
		WEIGHT		DRAWING NO	
		Customer Drawing		RESTRICTED TO	
MATERIAL				A1 100779C-6450831	
				SCALE 4:1 SHEET 17 OF 17 REV L7	

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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