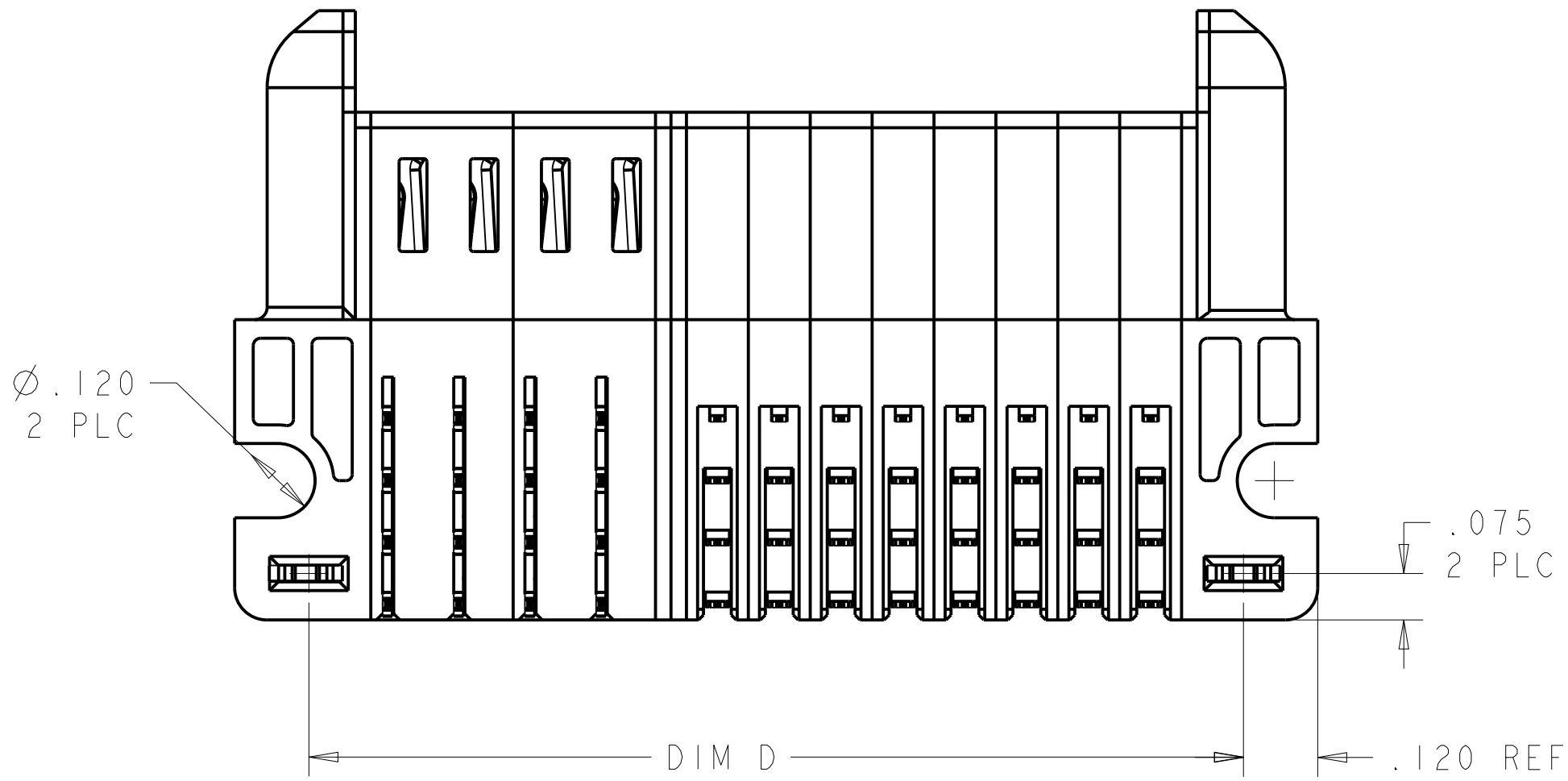
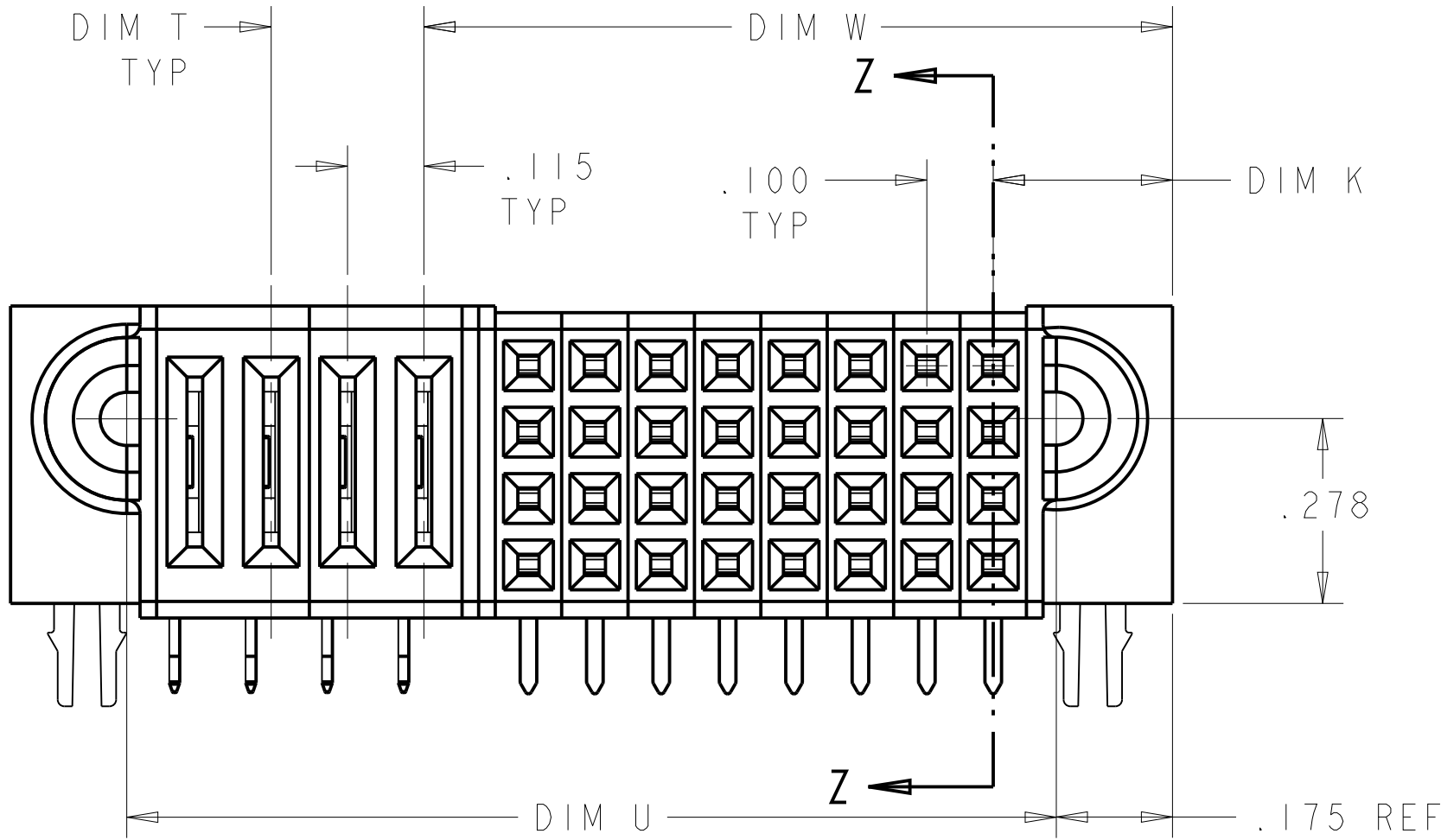
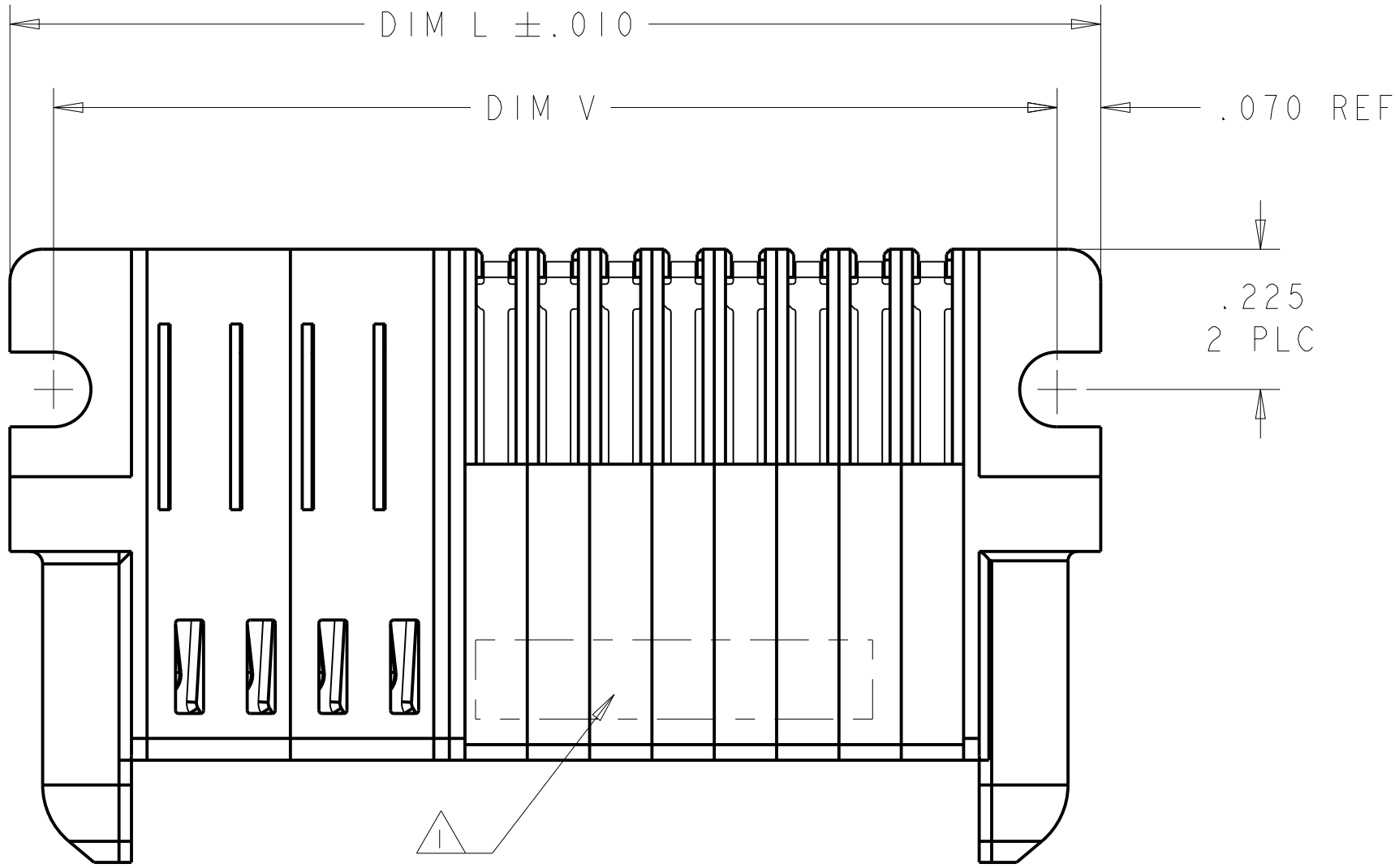
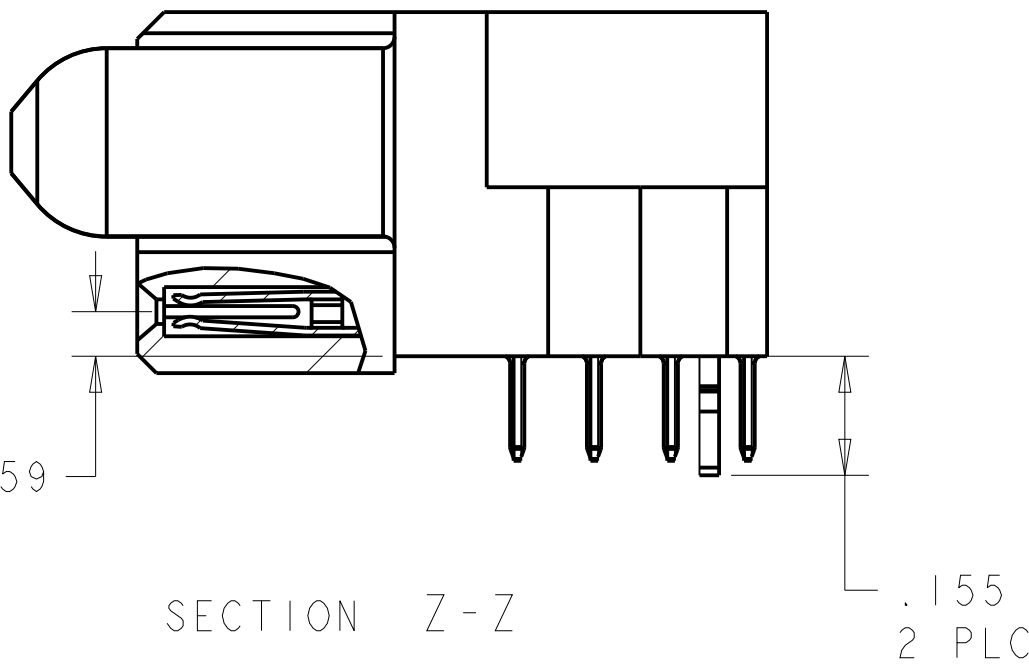
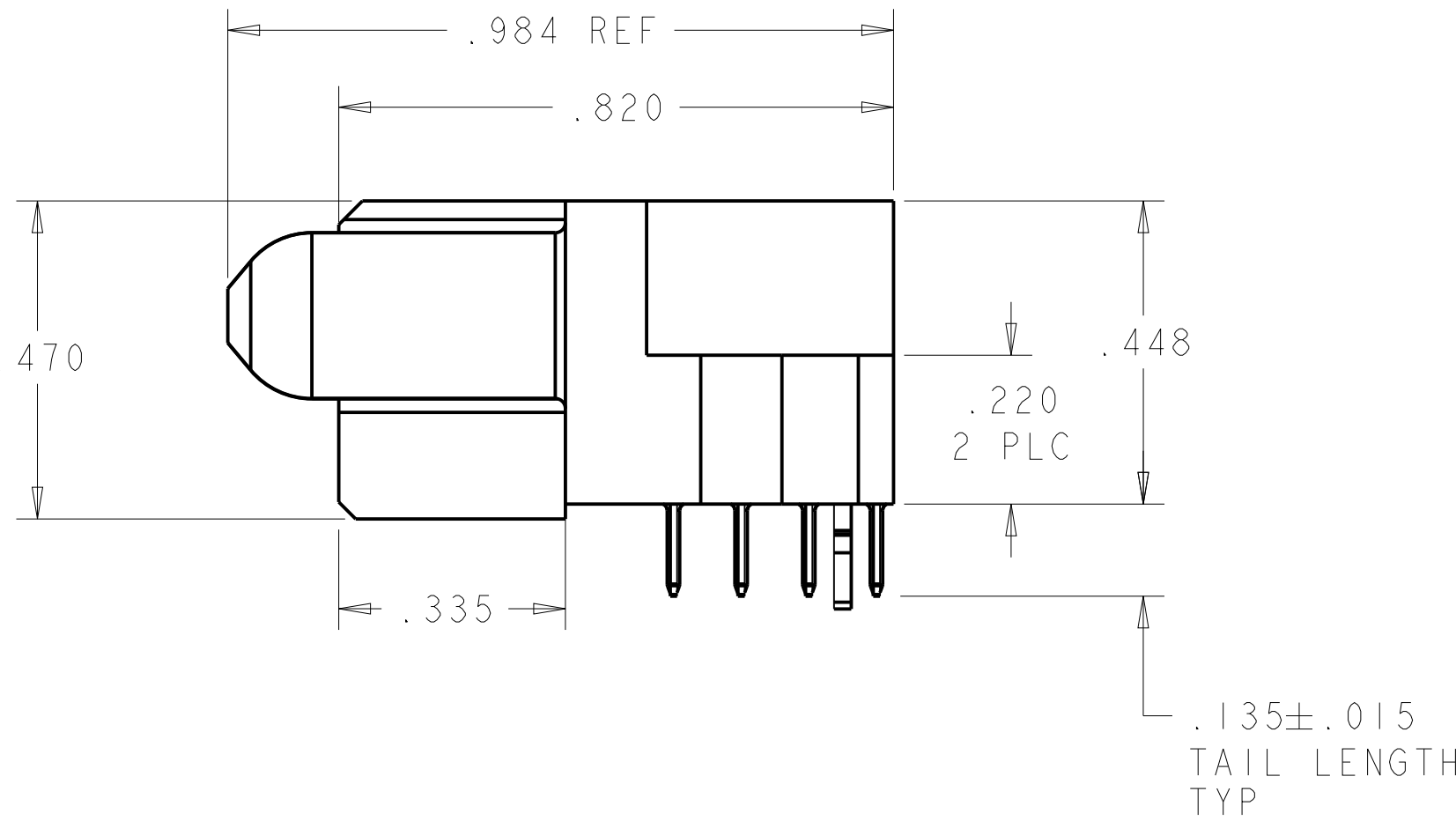


LOC		DIST	REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD
C9		ADD NEW DASH NUMBER 1-4 AND 1-5		05DEC2013	CZ	SZ
D		REMOVE "HD" FOR 1-4		31DEC2013	CZ	SZ



- 1 "AMP", PART NUMBER, AND DATECODE 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 - 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 DIA HOLE.
- 8 FOR 'S+P" CONFIGURATION VARIABLE DIMENSION SHOW ON THE SHEET TWO.
- 9 POWER CONTACT AREA LUBRICATED WITH LUBRICANT
- 10 VARIABLE DIMENSIONS PLEASE SEE TABLE.



.250	1.900	1.690		.945	1.800	.270	2.040	24S + 4P	1-6450871-5
.200	2.350	2.140	-	.745	-	.270	2.490	16S + 8HDP	1-6450871-4
.600	3.550	3.340	-	1.220	3.450	.270	3.690	32S + 8ACP	1-6450871-3
.300	2.350	2.140	-	1.220	2.250	.270	2.490	32S + 4ACP	1-6450871-2
.200	3.325	3.115	-	.945	3.225	.270	3.465	24S + 12HDP	1-6450871-1
.250	2.275	2.065	-	.845	2.175	.270	2.415	20S + 6P	1-6450871-0
.300	2.525	2.315	-	.845	2.425	.270	2.665	20S + 6ACP	6450871-9
.250	3.200	2.990	-	.770	3.100	.295	3.340	16S + 10P	6450871-8
-	.700	.490	-	-	.600	.270	.840	16S	6450871-7
.225	3.350	3.140	-	1.145	3.250	.270	3.490	32S + 10P	6450871-6
10	3.400	3.190	-	1.170	3.300	.270	3.540	32S + 10P	6450871-5
.250	2.425	2.215	-	.970	-	.295	2.565	24S + 6P	6450871-4
.250	2.925	2.715	-	.970	2.825	.295	3.065	24S + 8P	6450871-3
.250	2.425	2.215	-	.970	2.325	.295	2.565	24S + 6P	6450871-2
-	1.610	1.400	.230	1.1275	1.510	.270	1.750	32S + 4LP	6450871-1
DIM S	DIM V	DIM U	DIM T	DIM W	DIM D	DIM K	DIM L	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCH

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±.0050
4 PLC ±.0020
ANGLES ±.0020
FINISH

-

OWN
C. ZHOU
CHK
S. ZHAO
APVD

02AUG2013
02AUG2013

NAME

PRODUCT SPEC
108-2292

APPLICATION SPEC
114-13251

WEIGHT

CUSTOMER DRAWING

TE Connectivity

RIGHT ANGLE RECEPTACLE WITH LP
AND SHORT END MODUAL
MULTI-BEAM XLE

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450871

RESTRICTED TO

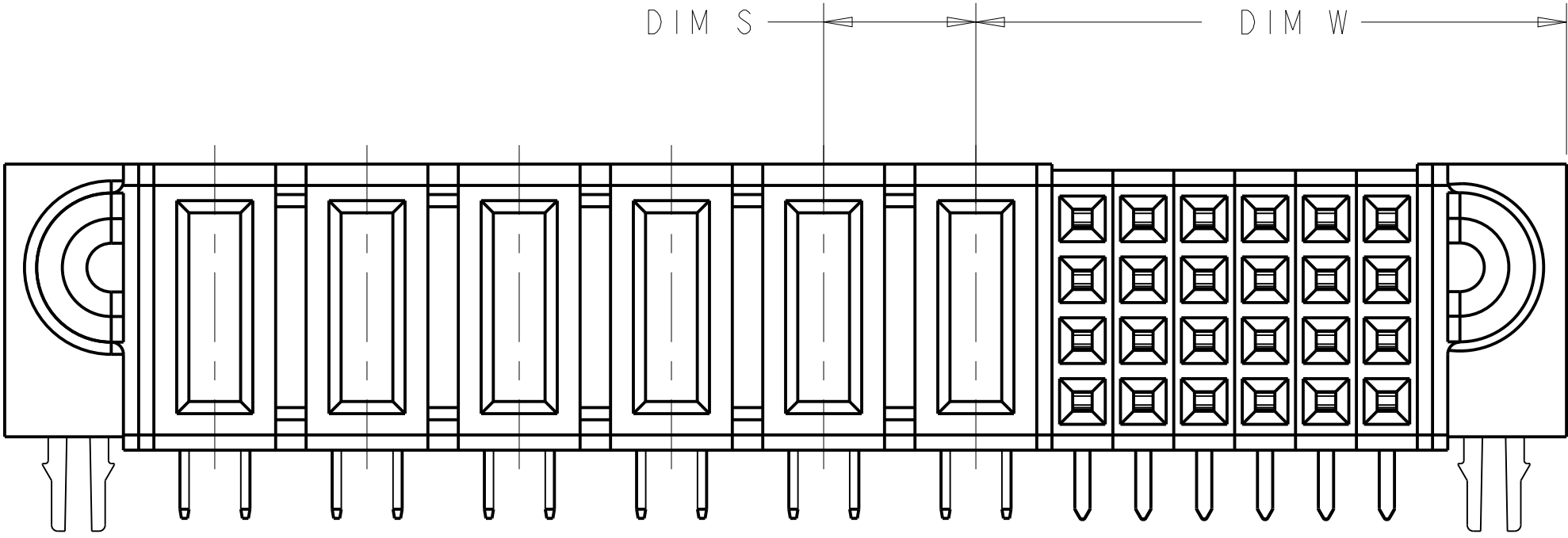
SCALE
1:1

SHEET
1

OF
10

REV
D1

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



⚠ 8 FOR "S+P" CONFIGURATION UNSPECIFIED DIMENSION REFER TO SHEET ONE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
C.ZHOU
02AUG2013

CHK
S.ZHAO
02AUG2013

APVD
-

DIMENSIONS:
INCH

0 PLC ±"
1 PLC ±"
2 PLC ±"
3 PLC ±.0050
4 PLC ±.0020
ANGLES ±2°
FINISH -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC
108-2292
APPLICATION SPEC
114-13251
WEIGHT -

MATERIAL
-

CUSTOMER DRAWING

NAME
-

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450871

RESTRICTED TO
-

TE Connectivity

RIGHT ANGLE RECEPTACLE WITH LP AND SHORT END MODUAL MULTI-BEAM XLE

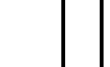
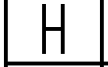
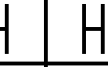
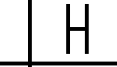
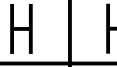
SCALE
1:1

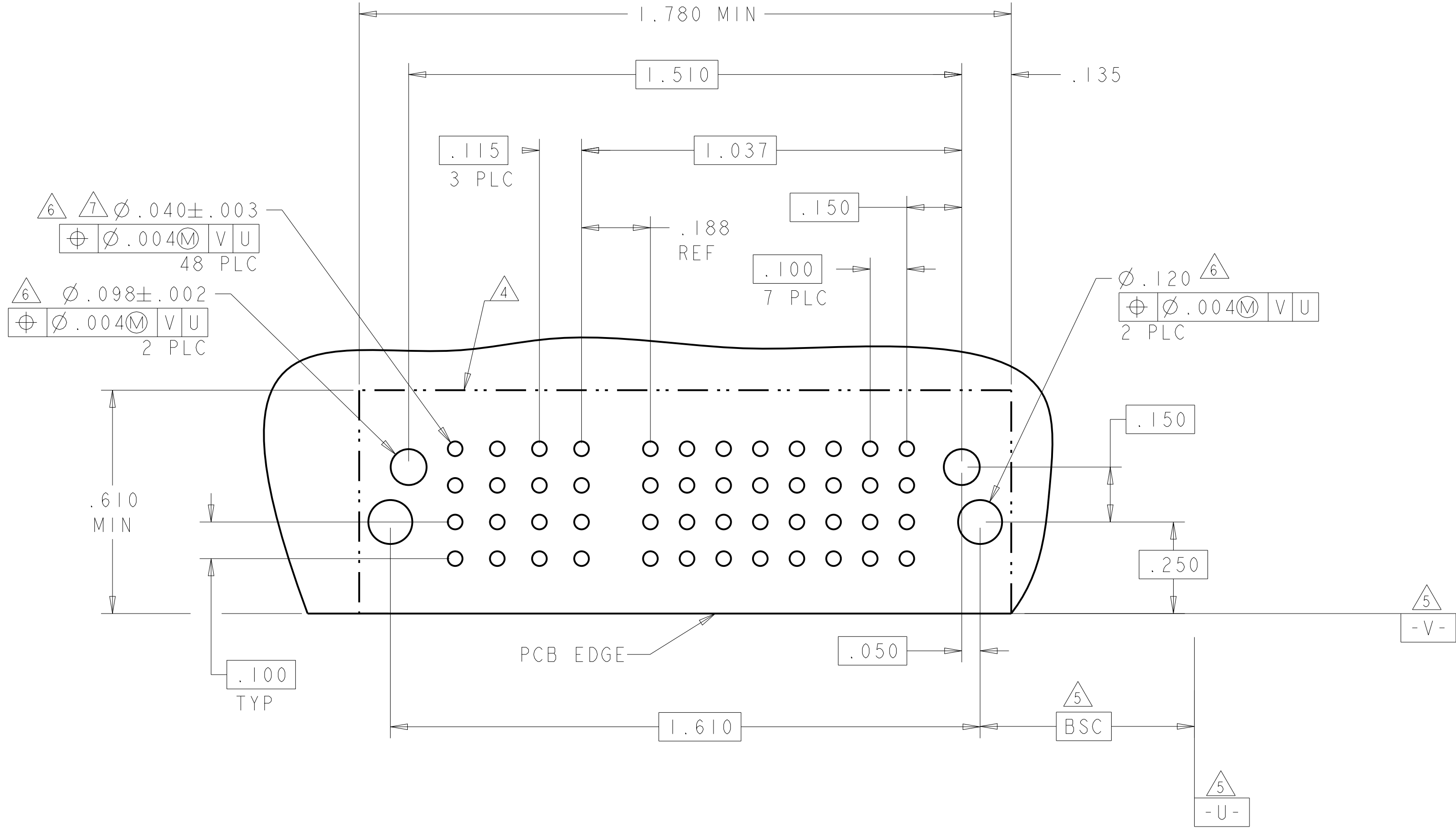
SHEET
2

OF
10

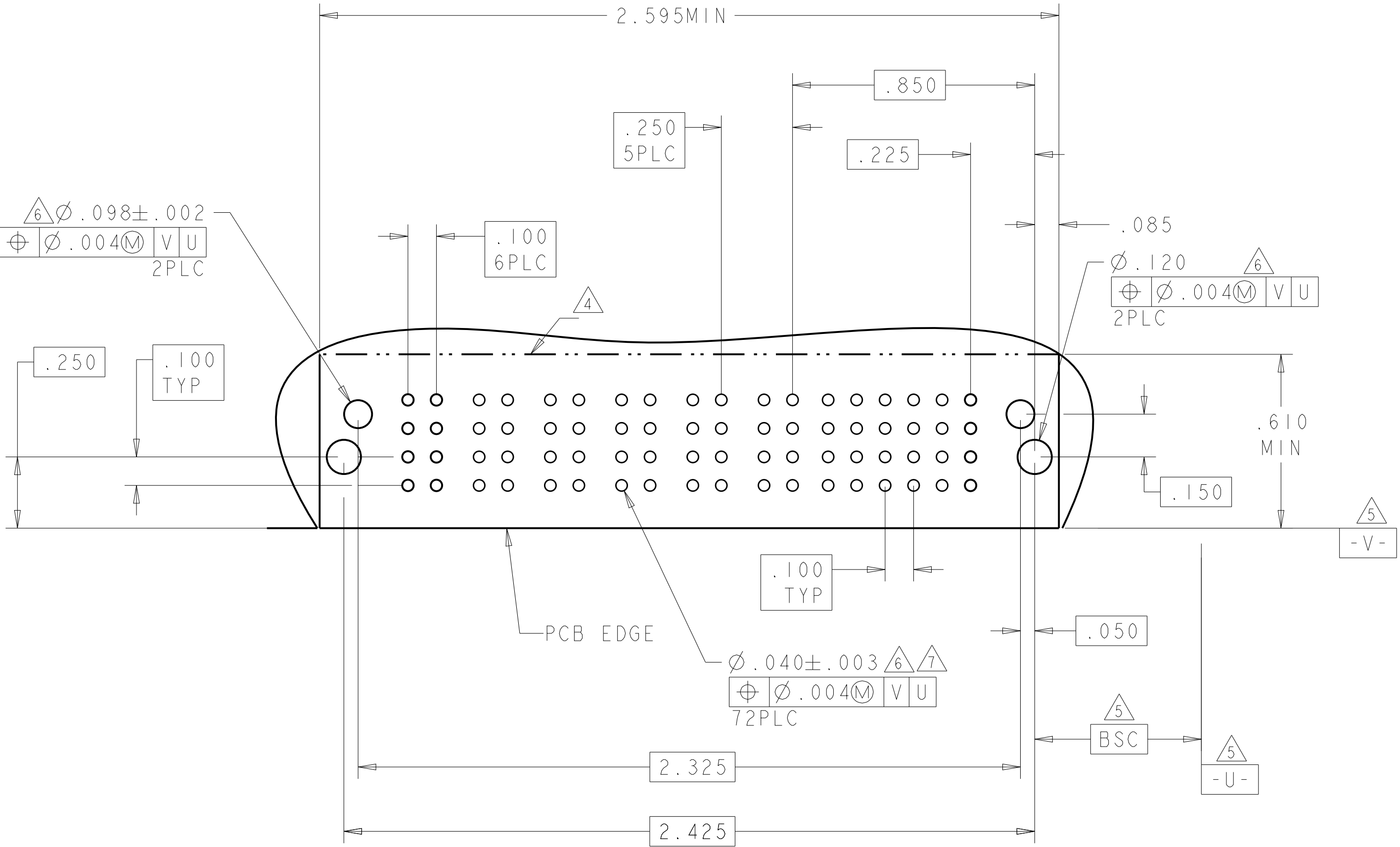
REV
D1

LOC		DIST		REVISONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	

PART NUMBER	ROWS		POWER				SIGNAL								
			P4	P3	P2	P1	8	7	6	5	4	3	2	1	
6450871-1	D C B A														
32S + 4LP															

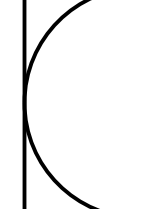


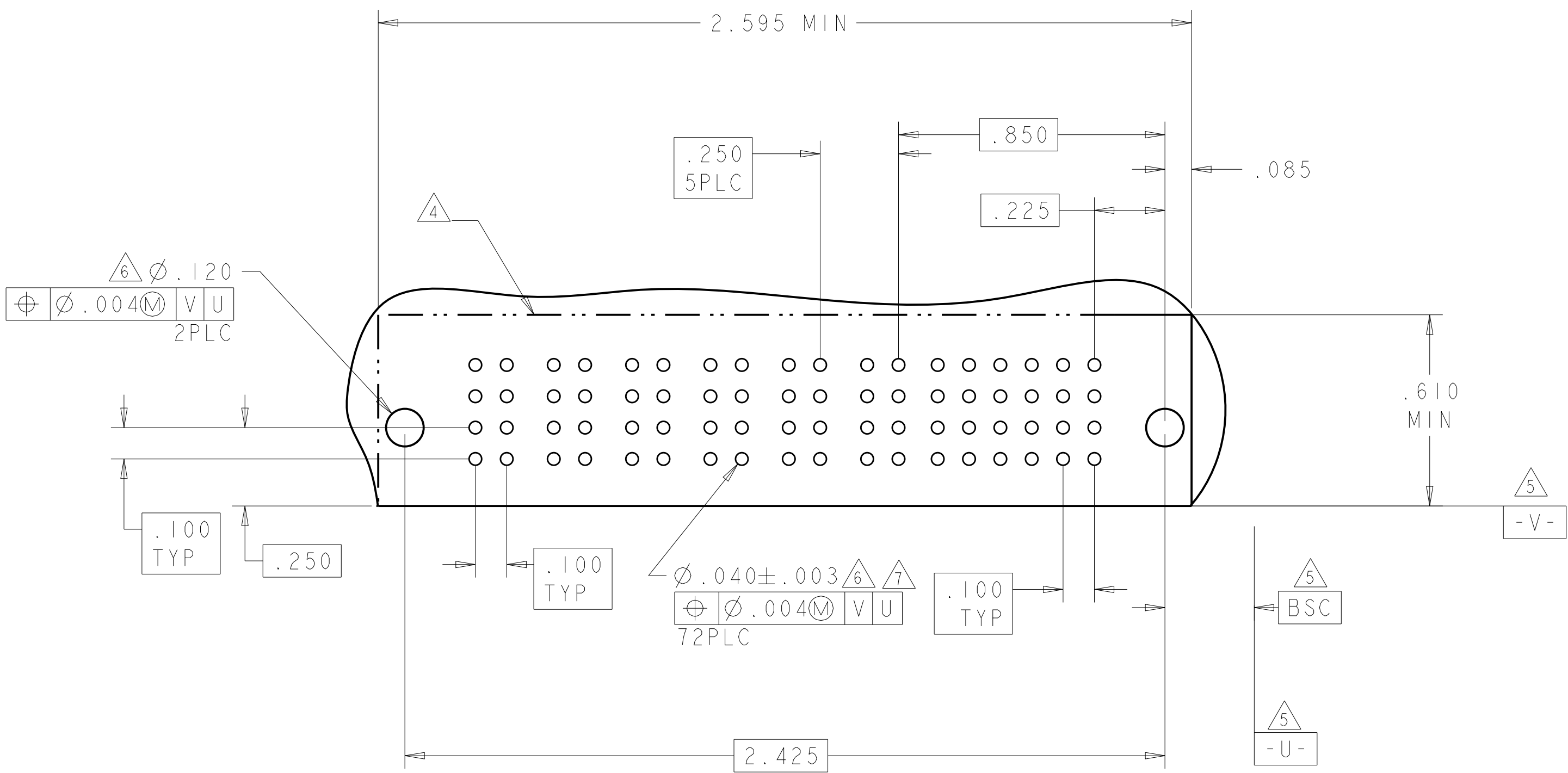
PART NUMBER	ROWS		POWER						SIGNAL													
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6450871-2	D C B A			RM		RM		RM		RM		RM		RM								
																	H	H	H	H	H	H
																	G	G	G	G	G	G
																	F	F	F	F	F	F
24S + 6P																						



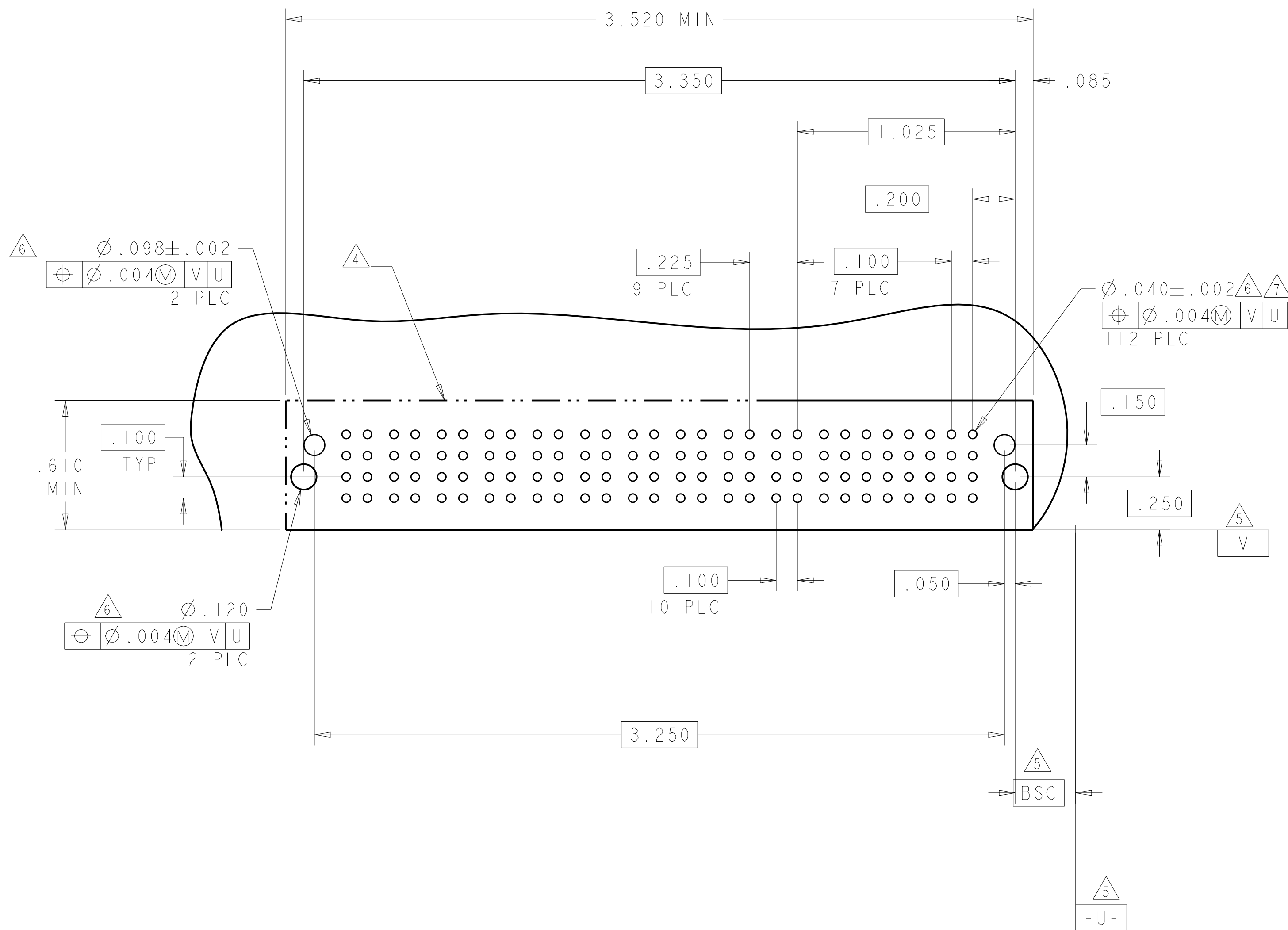
HOLD DOWN	HD
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW D	H
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW C	G
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW B	F
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW A	E
MFBL POWER CONTACT, .135 TAIL LENGTH	RA
STD POWER CONTACT, .135 TAIL LENGTH	RM
LOWER POWER CONTACT, .135 TAIL LENGTH	LM
DESCRIPTION IDENTIFIER	

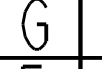
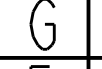
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. ZHOU CHK S. ZHAO APVD	02AUG2013 02AUG2013 -	TE Connectivity	
DIMENSIONS: INCH	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME	RIGHT ANGLE RECEPTACLE WITH LP AND SHORT END MODUAL MULTI-BEAM XLE	
	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ±.0050 4 PLC ±.0020 ANGLES ±.2° FINISH	108-2292 APPLICATION SPEC 114-13251	SIZE A100779		
MATERIAL		WEIGHT	CAGE CODE DRAWING NO C=6450871	RESTRICTED TO	
CUSTOMER DRAWING		SCALE	1:1	SHEET	3 OF 10

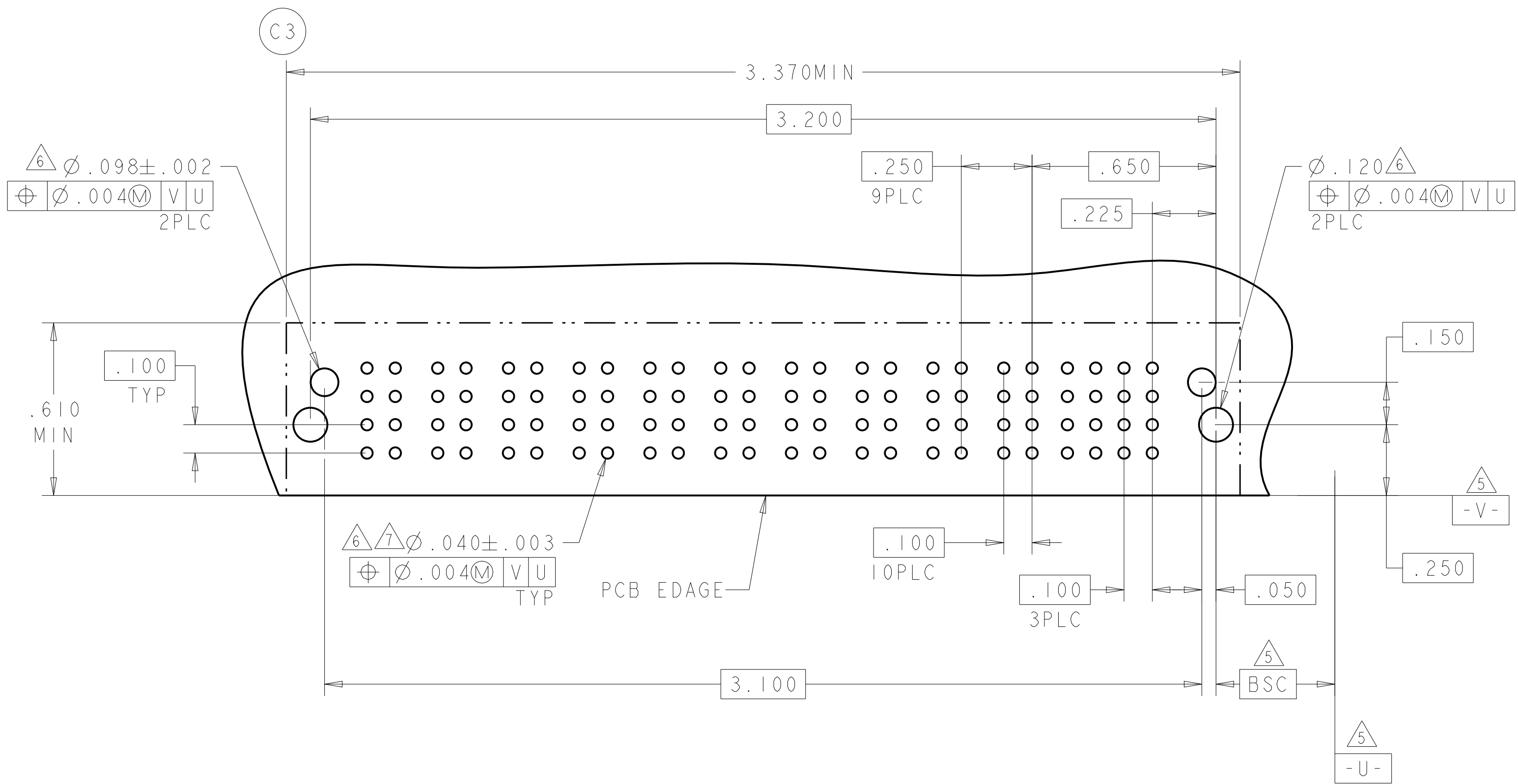
PART NUMBER	ROWS		POWER						SIGNAL						
			P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	
6450871-4	D C B A														
			RM	RM	RM	RM	RM	RM	H	H	H	H	H	H	
									G	G	G	G	G	G	
									F	F	F	F	F	F	
24S + 6P										E	E	E	E	E	

4805 (3/11)

PART NUMBER	ROWS		POWER										SIGNAL								
			P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	8	7	6	5	4	3	2	1	
6450871-6	D		RM	RM	RM	RM	RM	RM	RM	RM	RM	RA	H	H	H	H	H	H	H		
	C												G	G	G	G	G	G	G		
	B												F	F	F	F	F	F	F		F
	A	HD											E	E	E	E	E	E	E		E
32S + 10P																					

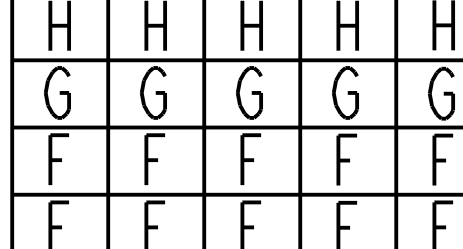
4805 (3/11)

PART NUMBER	ROWS		POWER										SIGNAL						
			P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	4	3	2	1			
6450871-8	D C B A	   	   	   	   	   	   	   	   	   	  	 							
16S + 10P																			

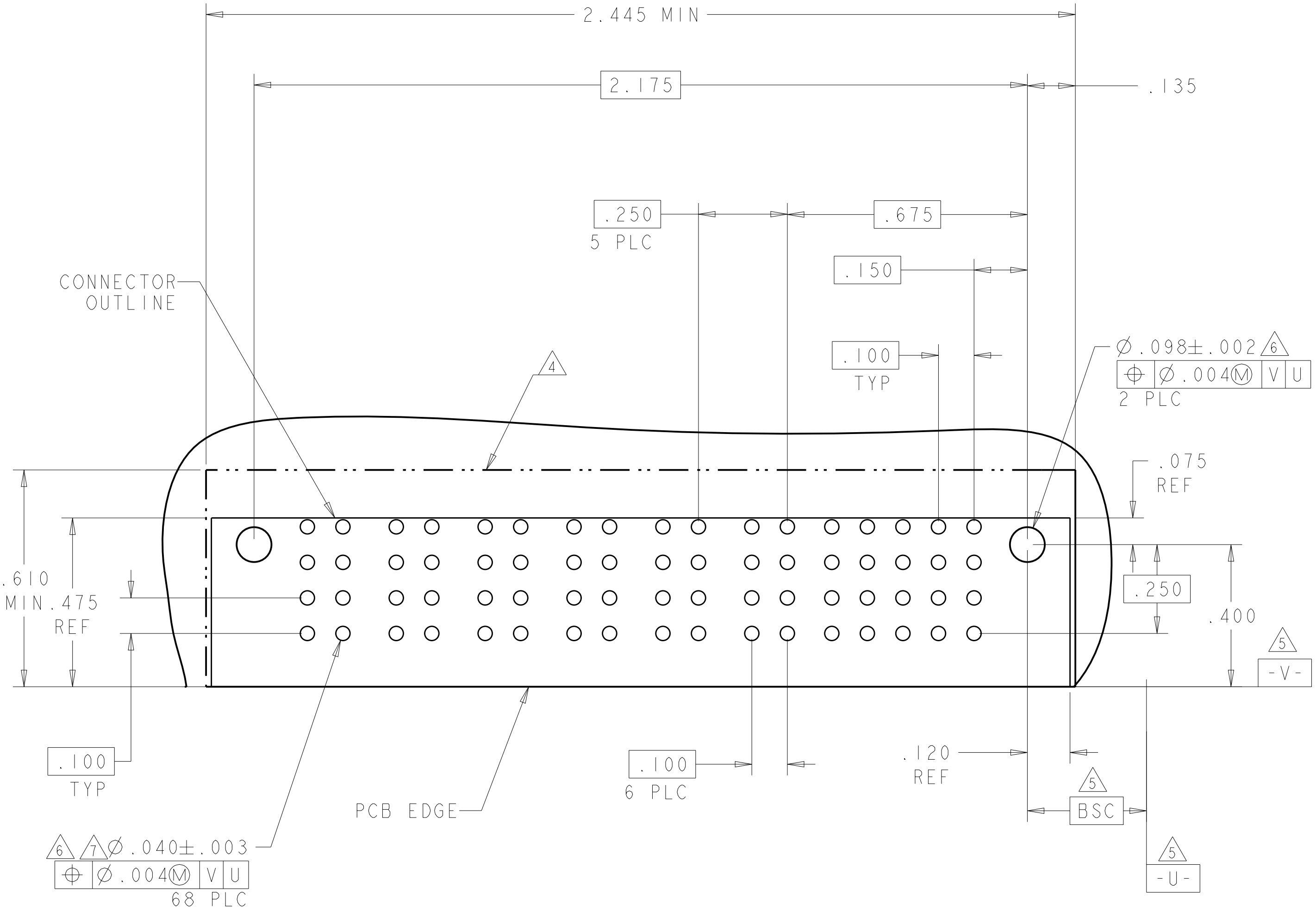
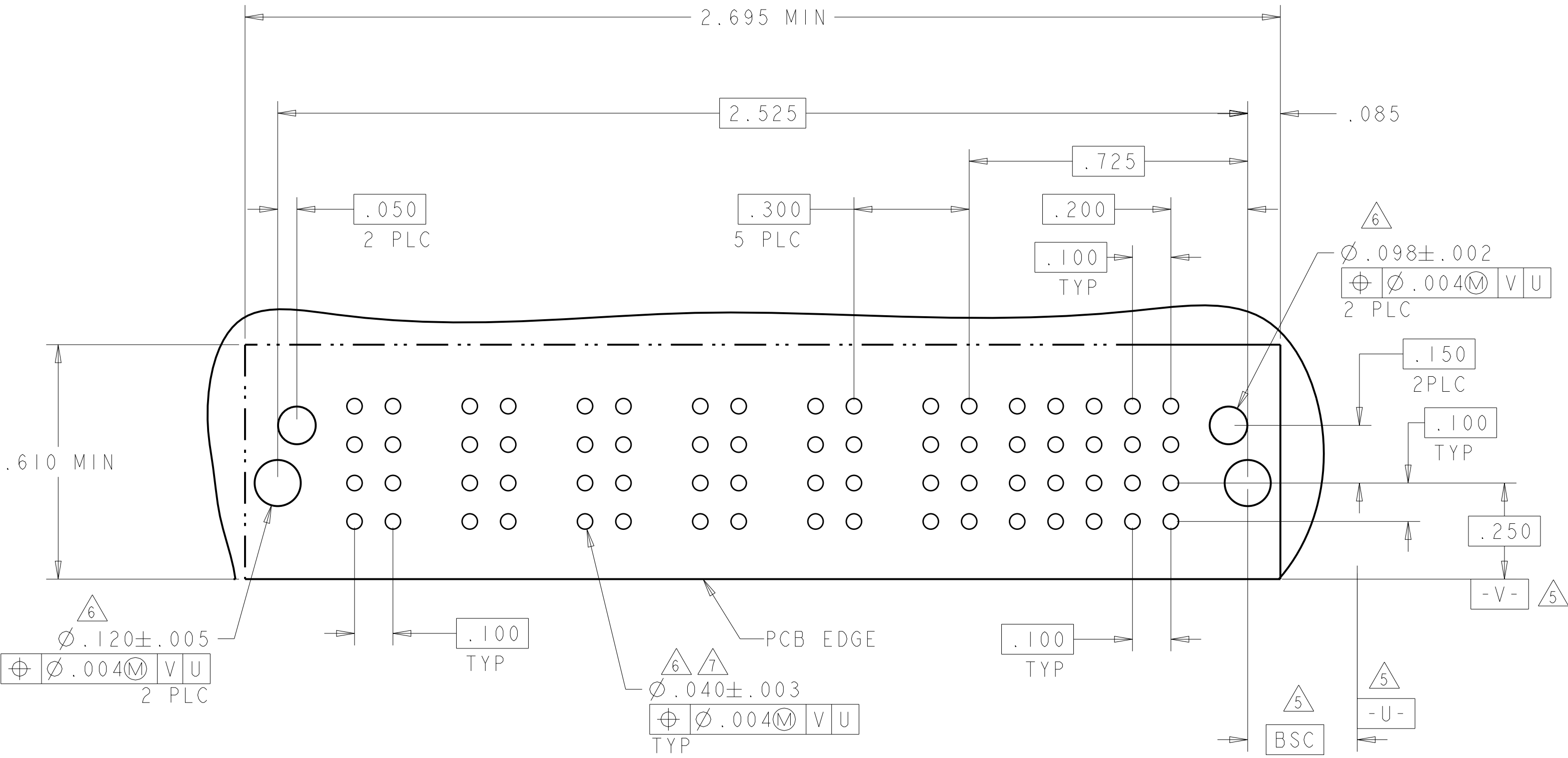


THIS DRAWING IS A CONTROLLED DOCUMENT.						DWG ZHO	02AUG2013			TE Connectivity	
						CHK S.ZHAO	02AUG2013				
DIMENSIONS: INCH		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APPROVED		NAME		RIGHT ANGLE RECEPTACLE WITH LP AND SHORT END MODULAR MULTI-BEAM XLE			
		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± .0050 ANGLES ±°		PRODUCT SPEC 108-2292		APPLICATION SPEC 114-13251					
MATERIAL	FINISH			WEIGHT	CUSTOMER DRAWING	A100779C-6450871		SCALE	SHEET	6 OF 10	REV D
-	-			-				1:1			

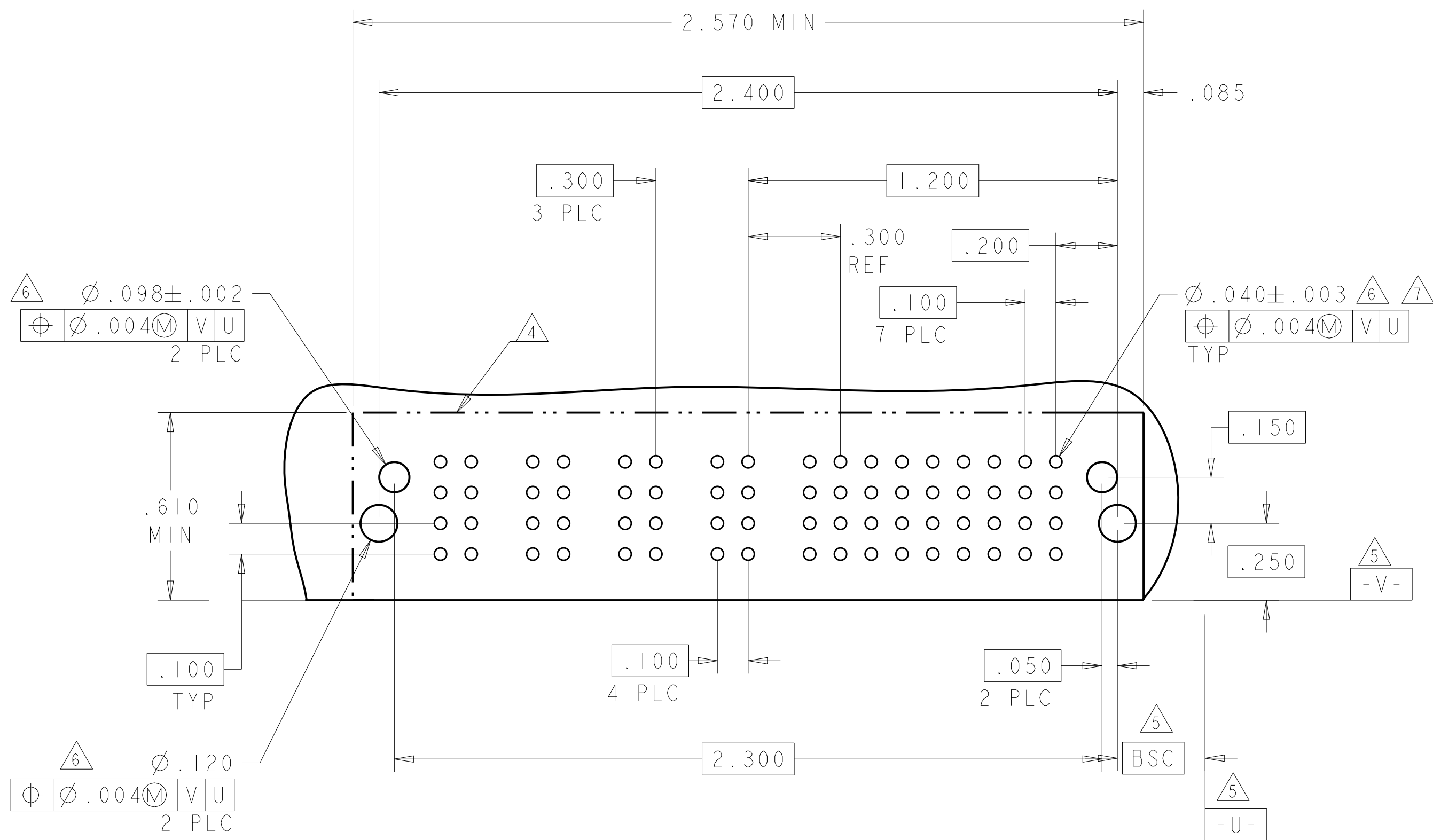
LOC		DIST		REVISONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	

PART NUMBER	ROWS		POWER						SIGNAL					
			P6	P5	P4	P3	P2	P1	5	4	3	2	1	
6450871-9	D C B A													
									H	H	H	H	H	
									G	G	G	G	G	
									F	F	F	F	F	
20S + 6P														

PART NUMBER	ROWS		POWER						SIGNAL					
			P6	P5	P4	P3	P2	PI	5	4	3	2	1	
1-6450871-0	D		RM	RM	RA	RA	RA	RA	H	H	H	H	H	
	C								G	G	G	G		
	B								F	F	F	F	F	
	A	HD												
20S + 6P														



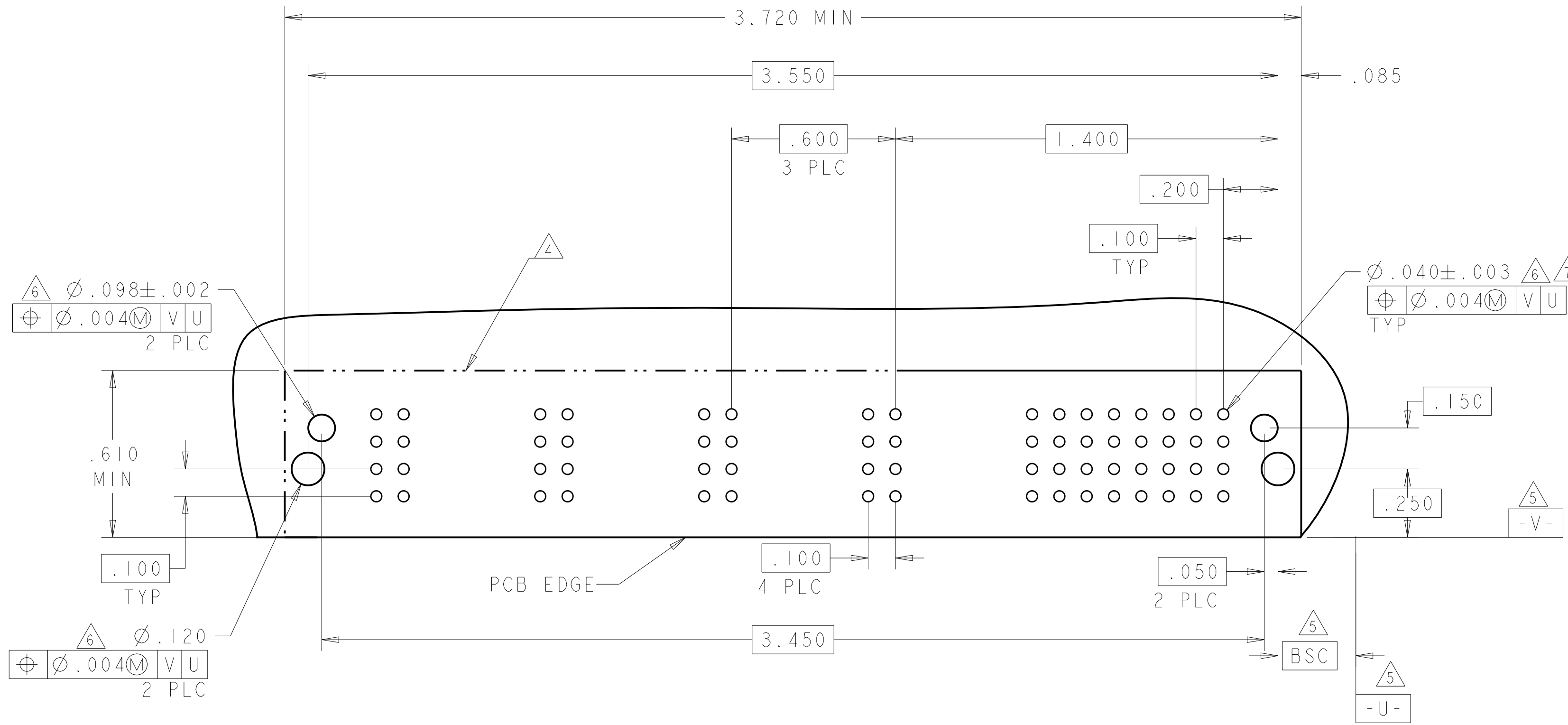
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. ZHOU CHK S. ZHAO APVD	02AUG2013 02AUG2013 -
DIMENSIONS: INCH		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
		0 PLC $\pm .005$ 1 PLC $\pm .005$ 2 PLC $\pm .005$ 3 PLC $\pm .005$ 4 PLC $\pm .005$ ANGLES $\pm .002$ FINISH $\pm .002$	
MATERIAL		PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 WEIGHT	
		CUSTOMER DRAWING	
		NAME RIGHT ANGLE RECEPTACLE WITH LP AND SHORT END MODUAL MULTI-BEAM XLE	
		SIZE A100779	
		SCALE 1:1	
		SHEET 7 OF 10	
		REV D1	

[illegible]4805 (3/11)

[illegible]

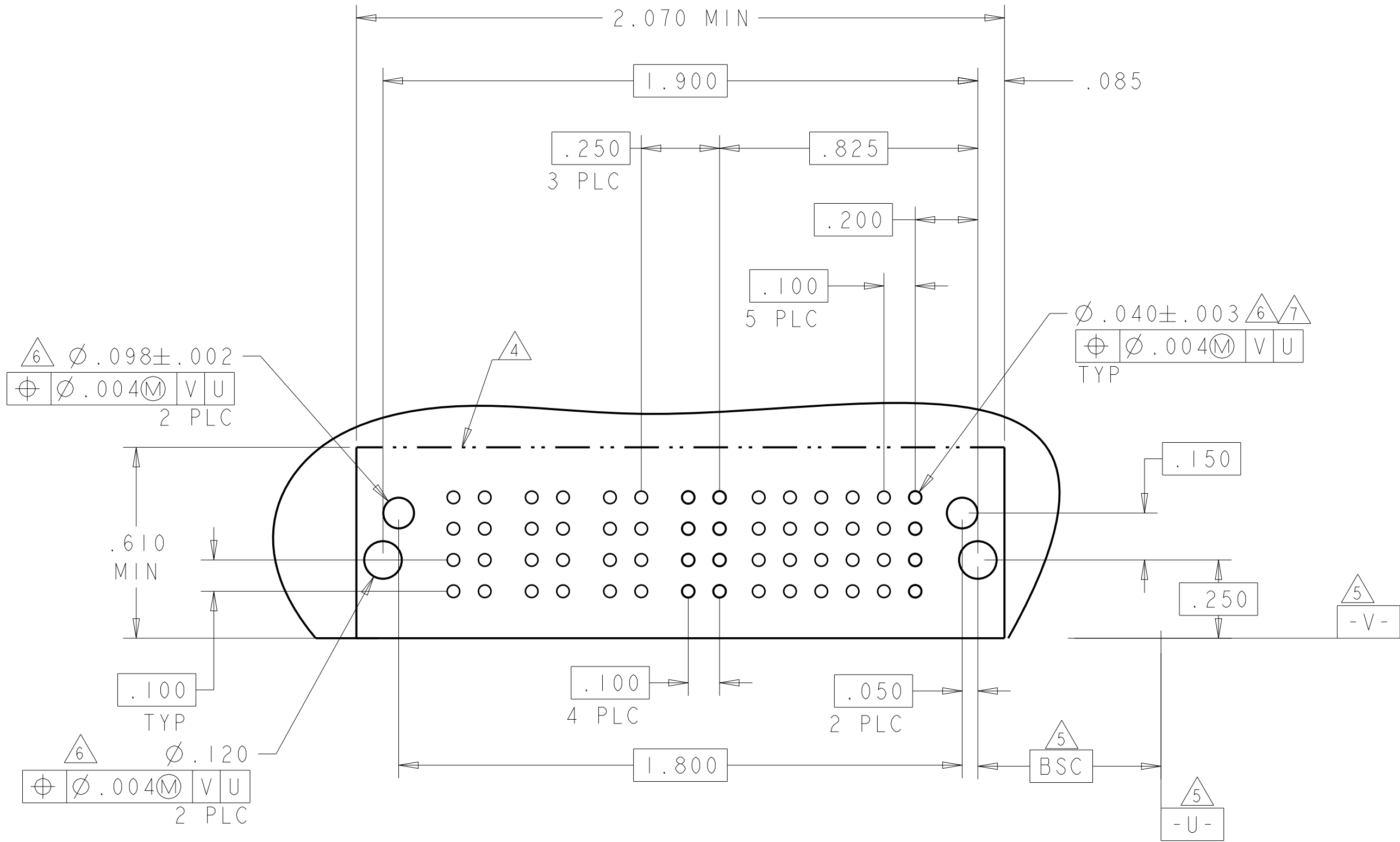
Technical drawing of a PCB layout showing dimensions and tolerances. The drawing includes a grid of holes, a curved edge, and various dimension lines with numerical values and tolerances. Key features include:

- Overall width dimension: 2.520 MIN.
- Top edge dimensions: 2.350, .085, .200 (7 PLC), .625, .200, .100 (3 PLC).
- Right edge dimensions: .120 (6), .004 (M), V, U, 2 PLC, .250 (5), -V-, .100 (8 PLC), .250 (5), BSC, .250 (5), -U-.
- Bottom edge dimension: .100 (8 PLC).
- PCB EDGE label pointing to the bottom edge.



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

PART NUMBER	ROWS		POWER				SIGNAL						
			P4	P3	P2	P1	6	5	4	3	2	1	
1-6450871-5	D		RM	RM	RM	RM	H	H	H	H	H	H	
	C						G	G	G	G	G	G	
	B						F	F	F	F	F	F	
	A	HD					E	E	E	E	E	E	HD
24S + 4P													



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.ZHOU CHK S.ZHAO	02AUG2013 02AUG2013	TE Connectivity	
DIMENSIONS: INCH		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±"	PRODUCT SPEC	RIGHT ANGLE RECEPTACLE WITH LP AND SHORT END MODUAL MULTI-BEAM XLE	
		1 PLC ±"	108-2292		
		2 PLC ±"	APPLICATION SPEC	SIZE	
		3 PLC ±.0050		CAGE CODE	
		4 PLC ±.0020		DRAWING NO	
		ANGLES ±.2°		RESTRICTED TO	
MATERIAL		FINISH	WEIGHT	A100779C=6450871	
-		-	-	-	
CUSTOMER DRAWING			SCALE	SHEET	REV
			1:1	10 OF 10	D1