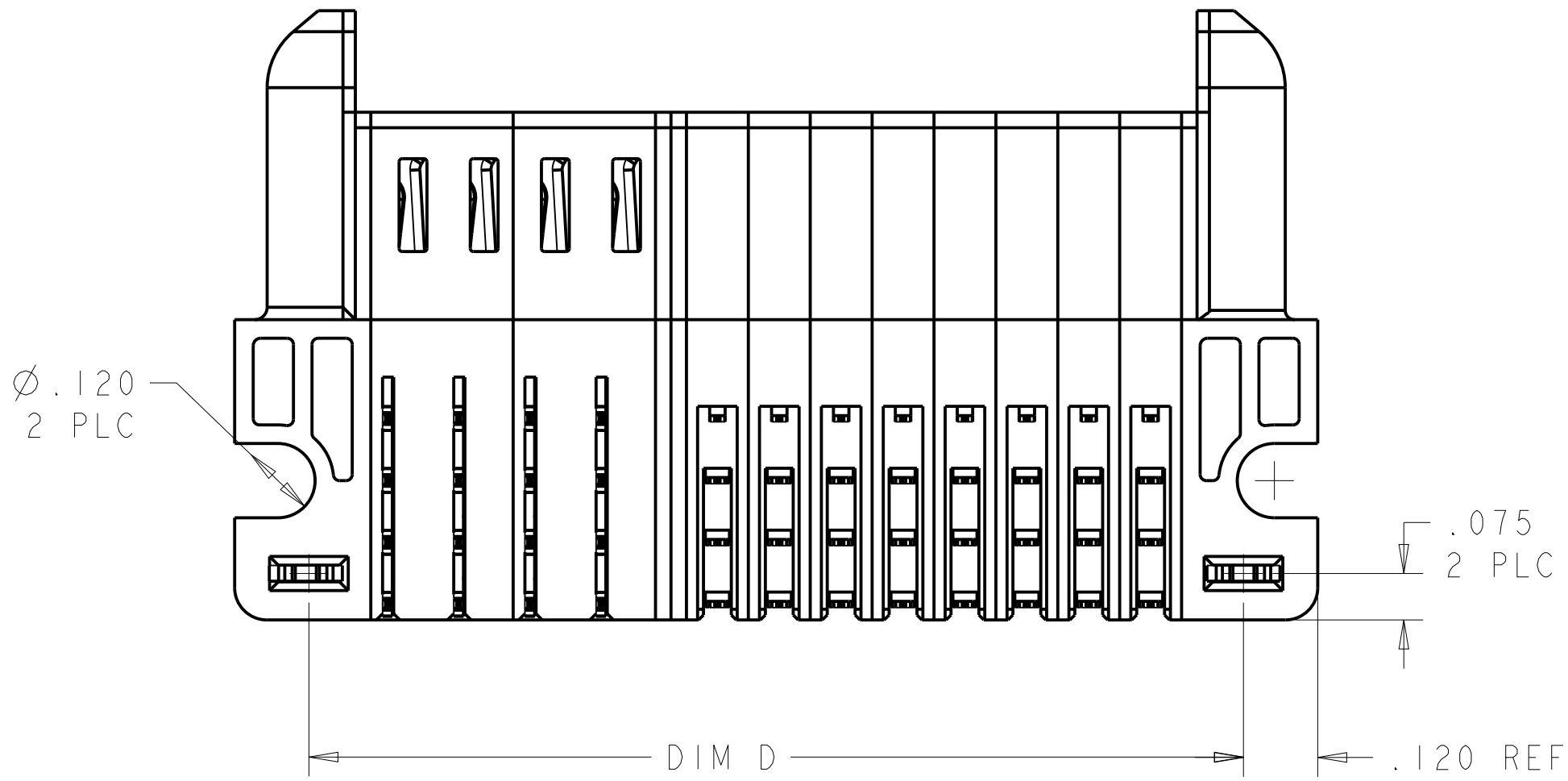
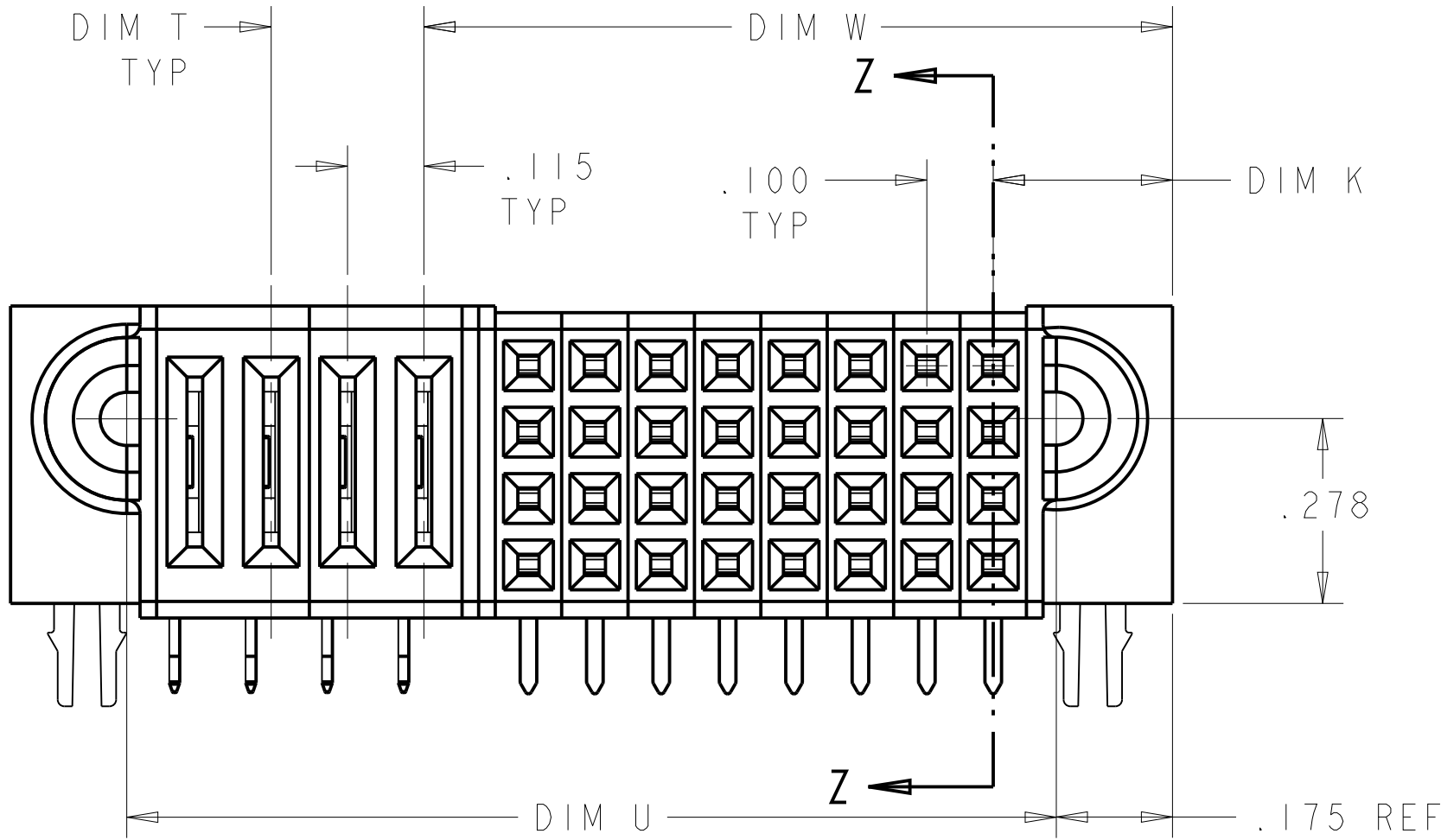
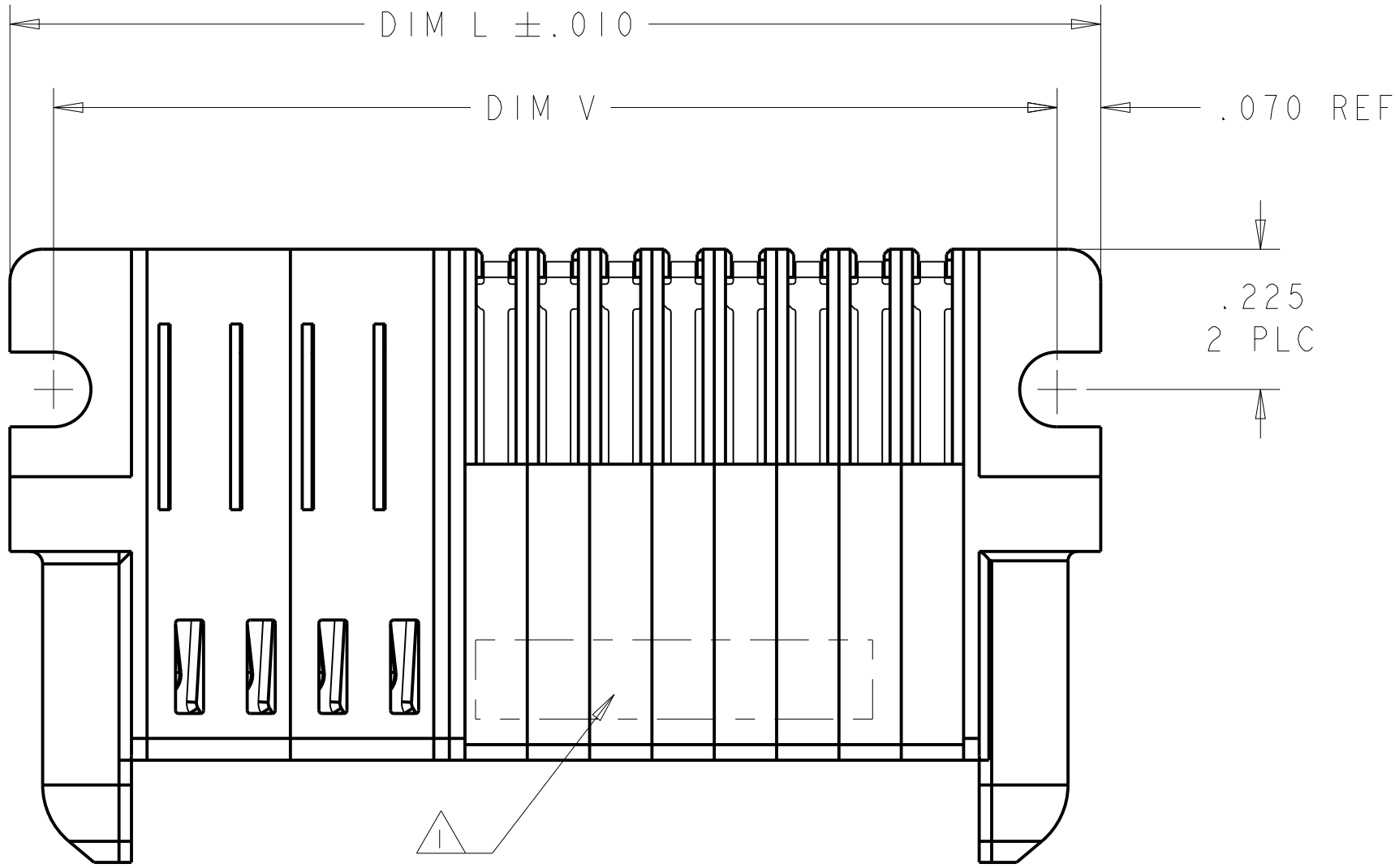
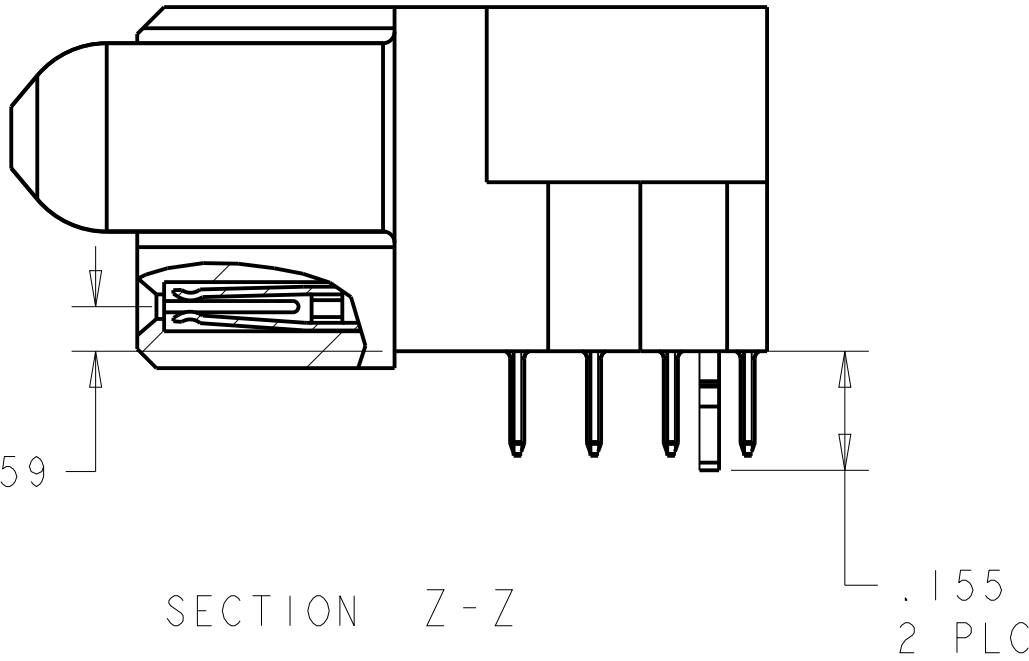
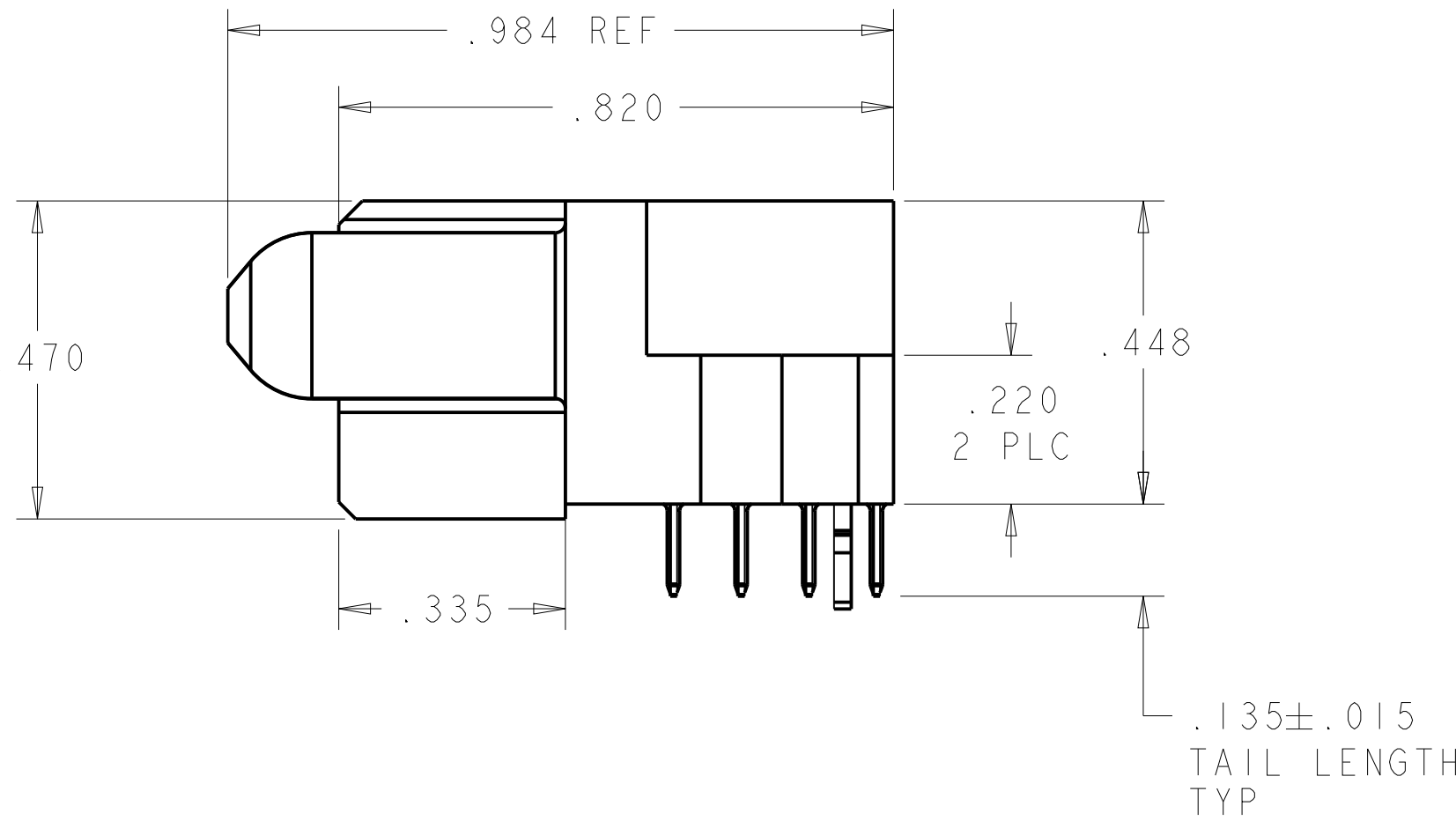


LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
C9		ADD NEW DASH NUMBER 1-4 AND 1-5		05DEC2013	CZ	SZ	
D		REMOVE "HD" FOR 1-4		31DEC2013	CZ	SZ	



- 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
.340	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 ±.0010
1 PLC ±.0010
2 PLC ±.0010
3 PLC ±.0010
4 PLC ±.0010
ANGLES ±.0020
FINISH

02AUG2013
02AUG2013

NAME

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

APVD

DATE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

TE Connectivity

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

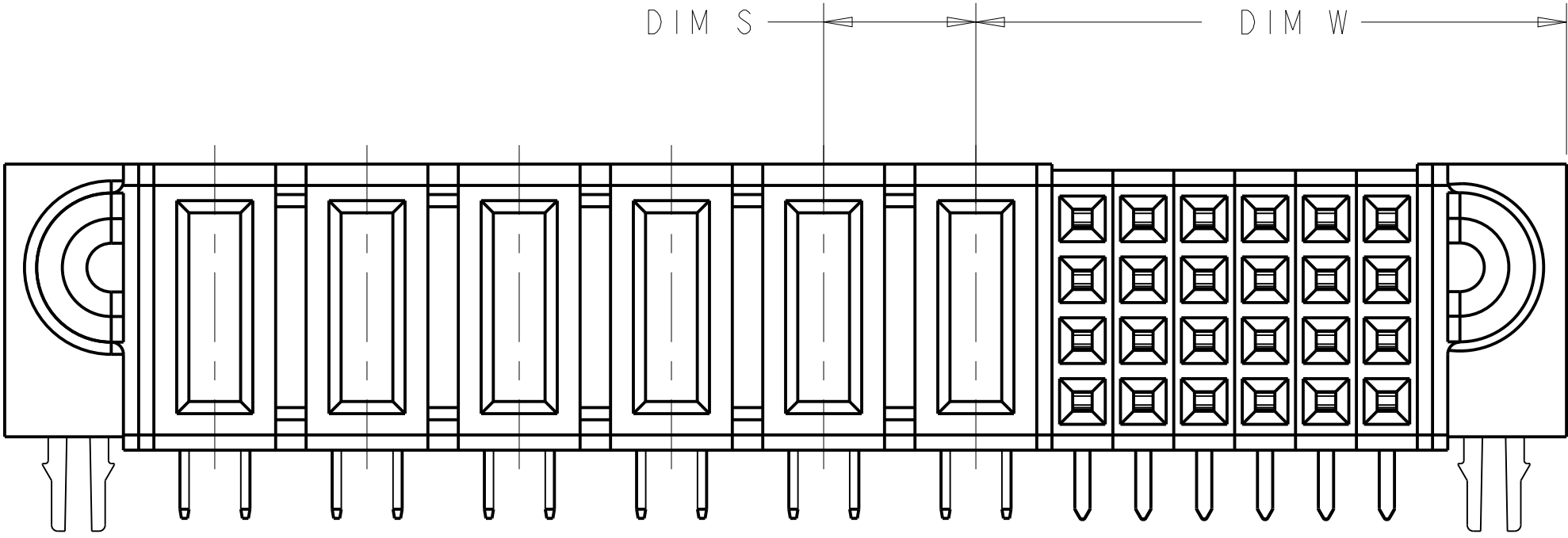
A100779C=6450871

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

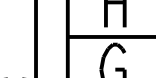
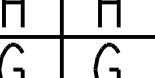
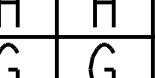
RIGHT ANGLE RECEPTACLE WITH LP AND SHORT END MODUAL MULTI-BEAM XLE

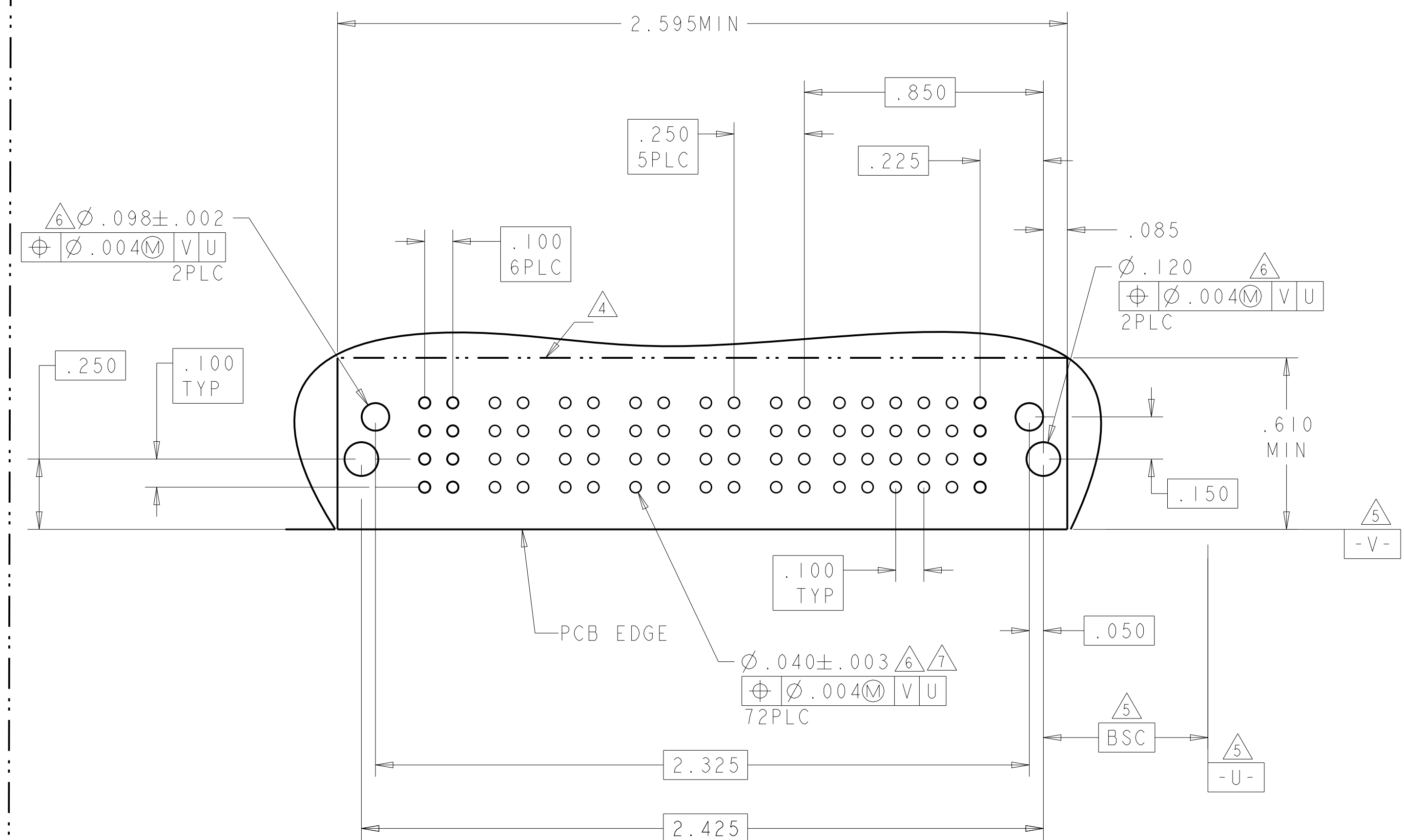
SCALE
1:1

SHEET
2

OF
10

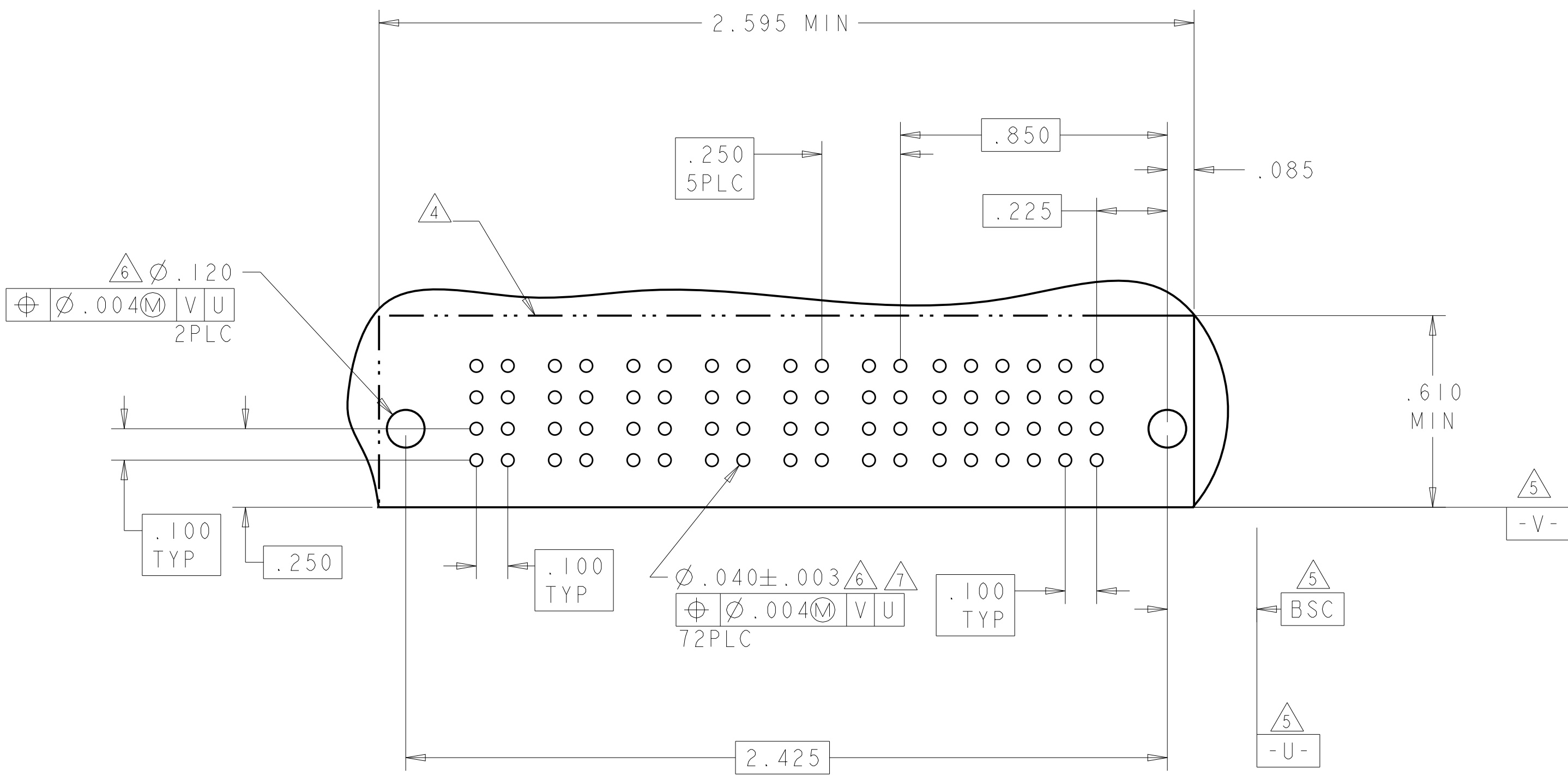
REV
D1

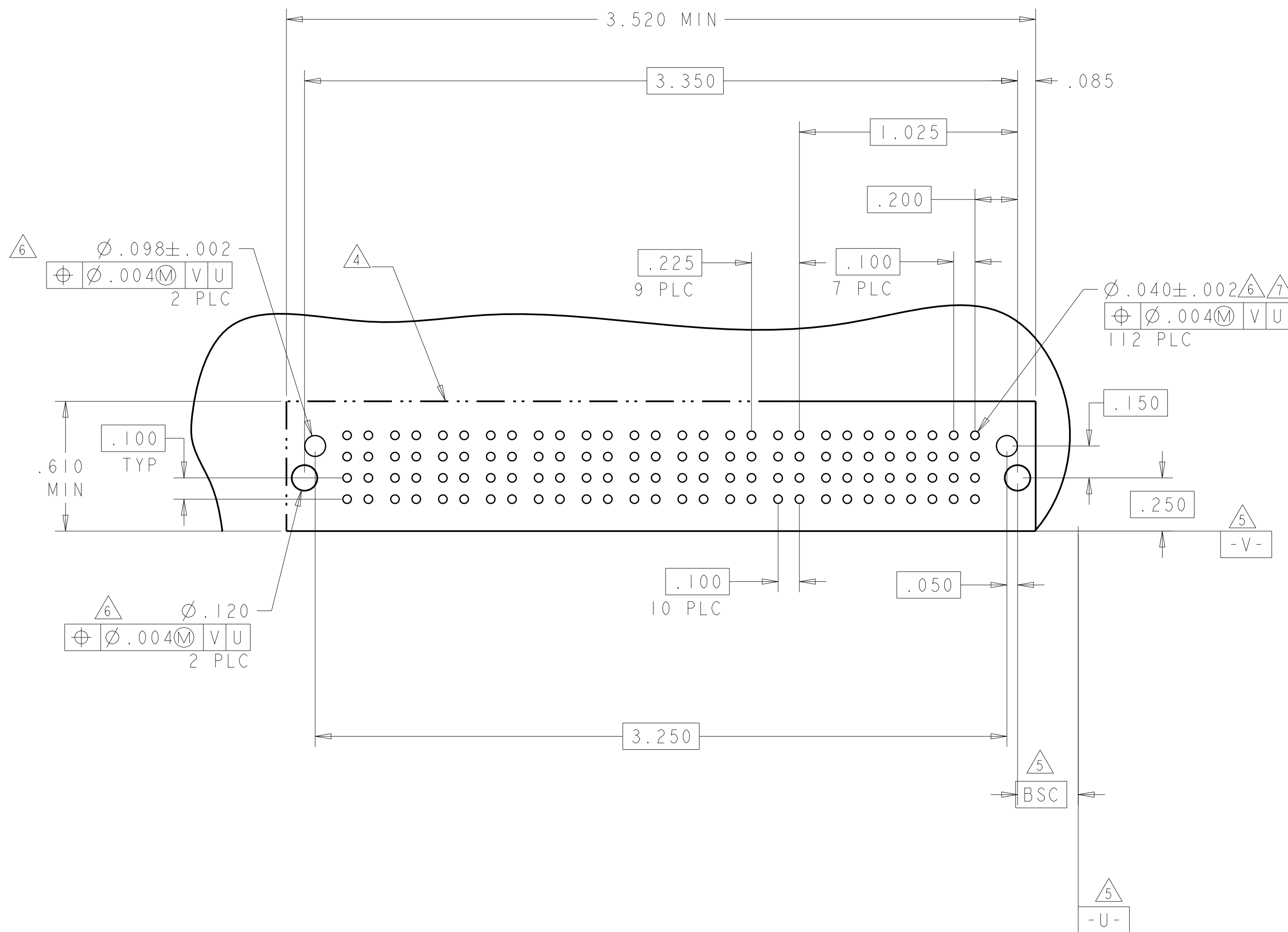
PART NUMBER	ROWS		POWER							SIGNAL																																																																																																																																													
			P6	P5	P4	P3	P2	P1	6	5	4	3	2	1																																																																																																																																									
6450871-2	D C B A																																																																																																																																																						<

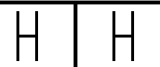


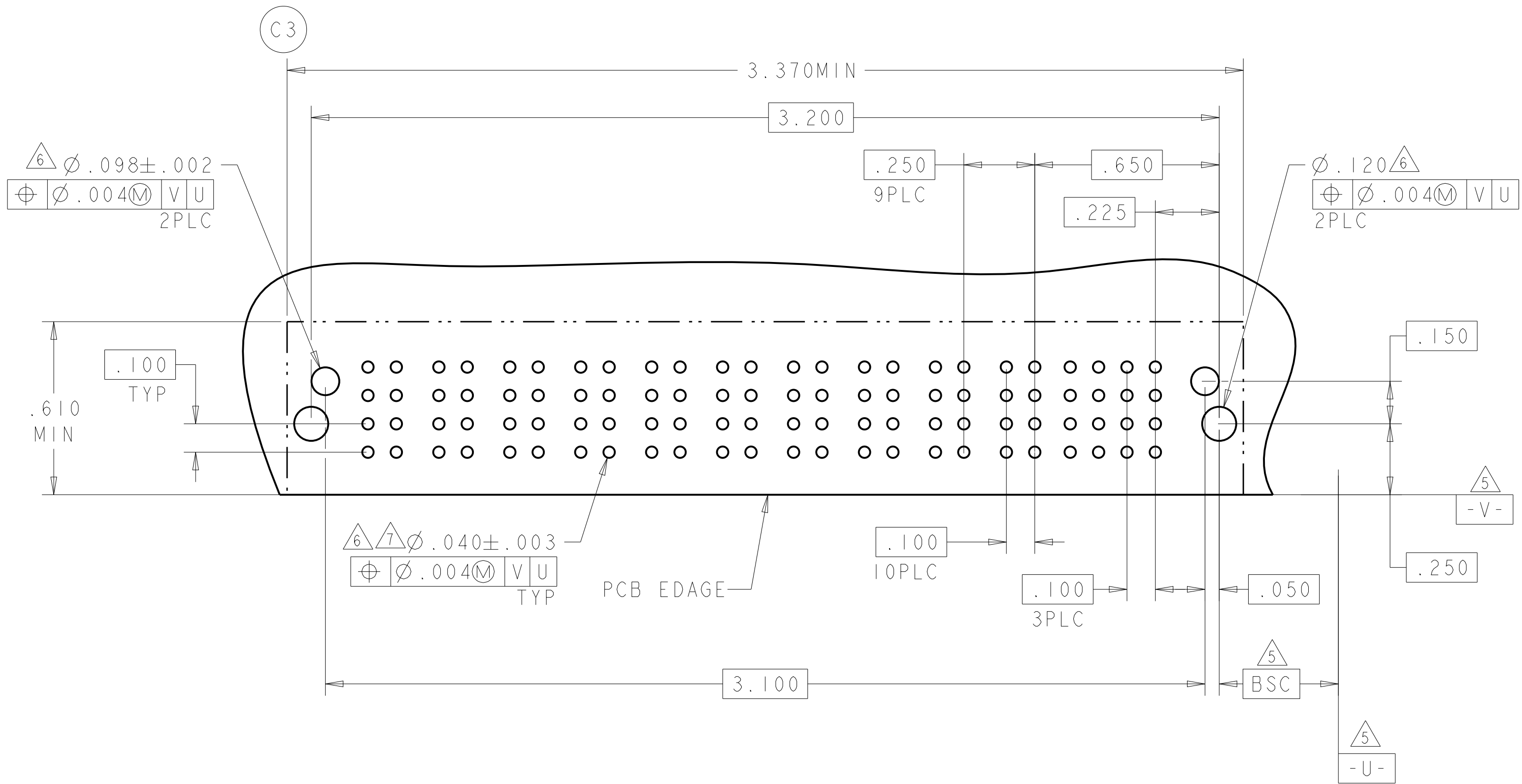
HOLD DOWN	HD
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW D	H
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW C	G
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW B	F
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW A	E
MFBL POWER CONTACT, .135 TAIL LENGTH	RA
STD POWER CONTACT, .135 TAIL LENGTH	RM
LOWER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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DPN C ZHOV CHK S ZHAO APVD - NAME - SIZE A1 CAGE CODE 100779 DRAWING NO C6450871 RESTRICTED TO - CUSTOMER DRAWING SCALE 1:1 SHEET 3 OF 10 REV D	02AUG2013 02AUG2013  TE Connectivity
DIMENSIONS: INCH 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLG ±. 1 PLG ±. 2 PLG ±. 3 PLG ±.0050 4 PLG ±.0020 ANGLES ±°	RIGHT ANGLE RECEPTACLE WITH LP AND SHORT END MODUAL MULTI-BEAM XLE	
MATERIAL -	FINISH -	PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251	

[illegible]4805 (3/11)

[illegible]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																
			RM	RM	RM	RM	RM	RM	RM	RM	RM	RM	H G F E	H G F E	H G F E	H G F E	
16S + 10P																	

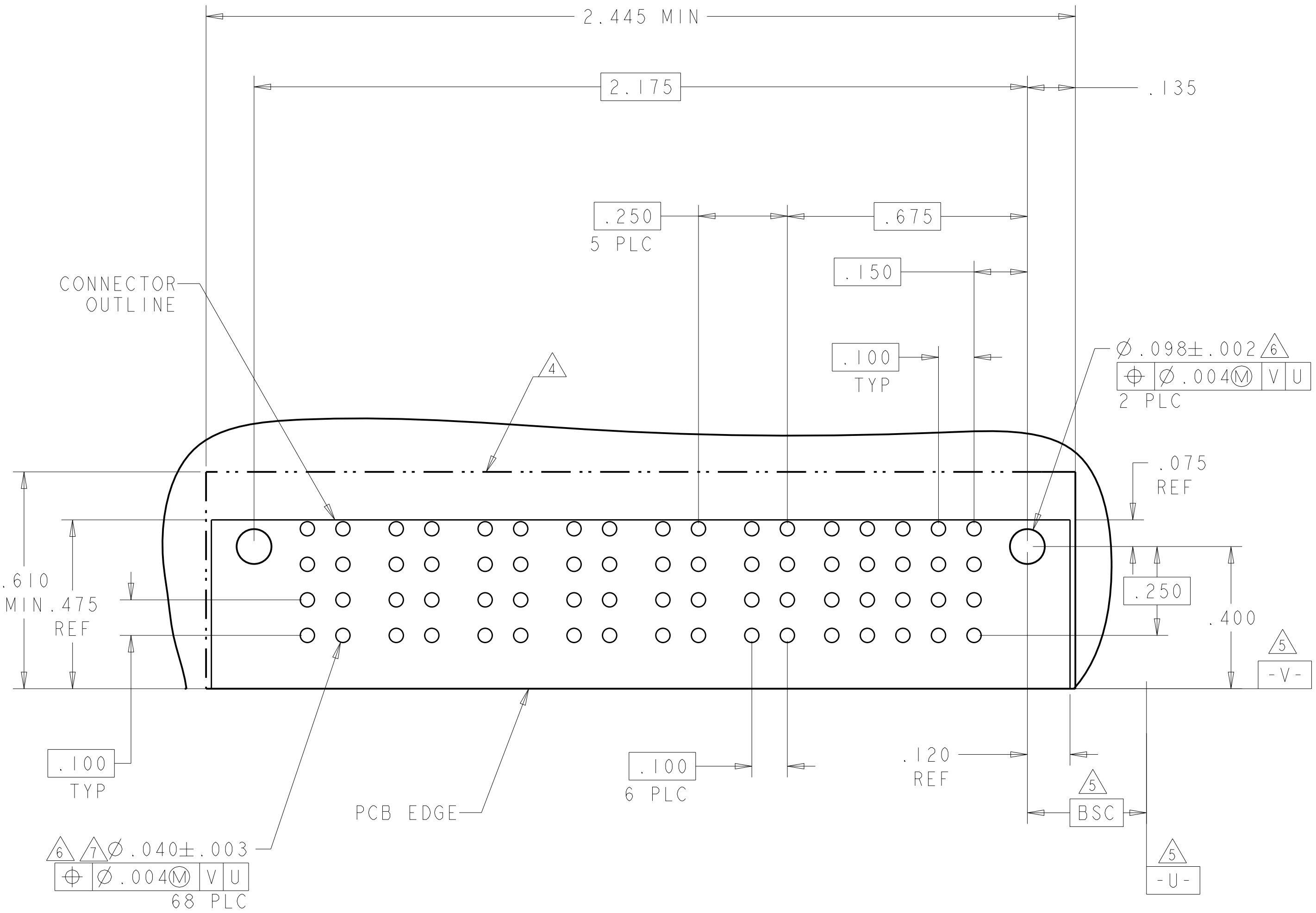
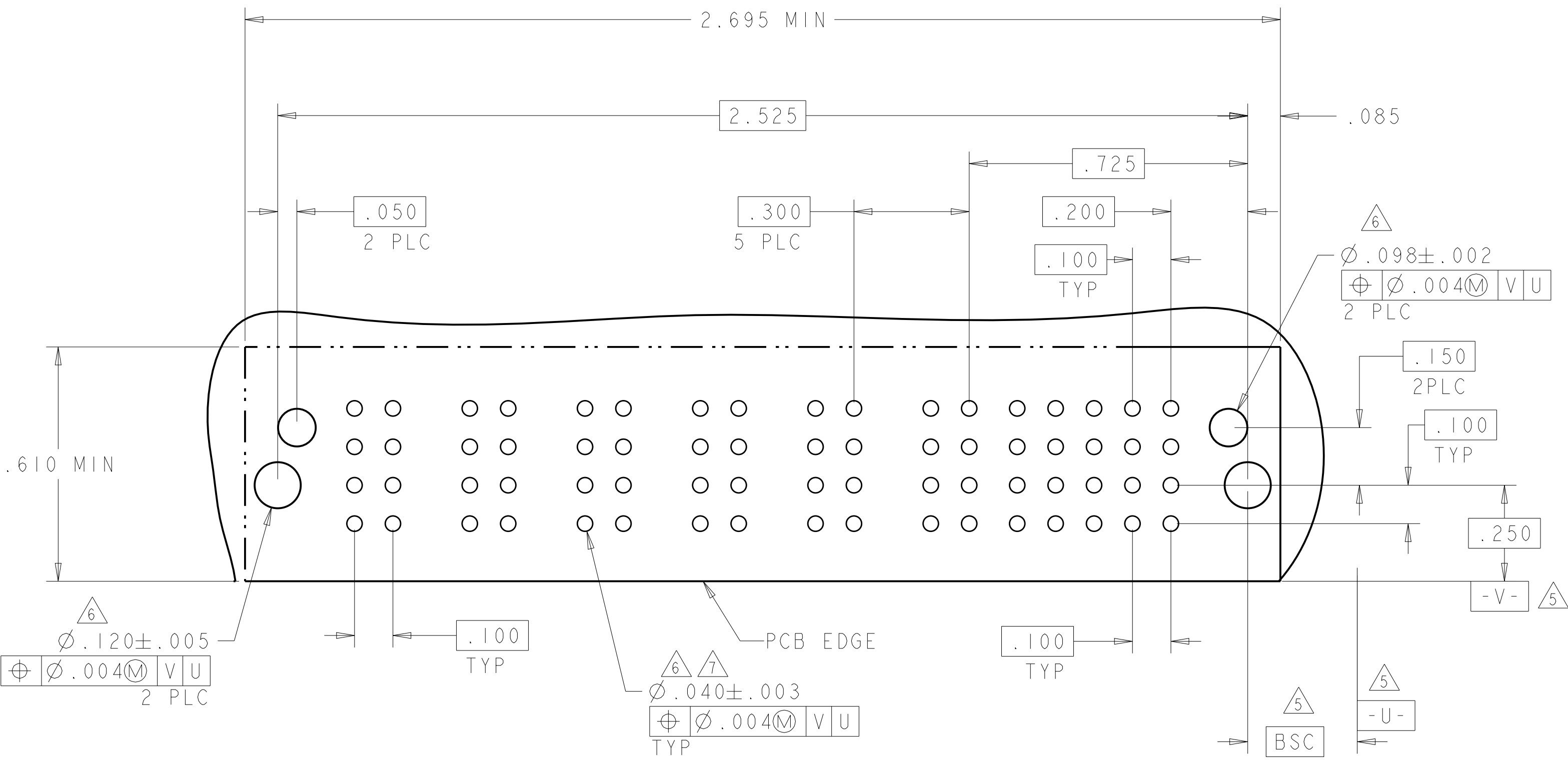


THIS DRAWING IS A CONTROLLED DOCUMENT		DWG C_ZHOU		02AU02013		 TE Connectivity	
		CHK S_ZHAO		02AU02013			
DIMENSIONS:		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME		RIGHT ANGLE RECEPTACLE WITH LP AND SHORT END MODULAR MULTI-BEAM XLE	
1/16 INCH				APPROVED			
		0 PLOC ±		PRODUCT SPEC		SIZE CASE CODE DRAWING NO A1 100779 C-6450871	
		1 PLOC ±		108-2292			
		2 PLOC ± 0.050		APPLICATION SPEC			
		4 PLOC ± 0.020		114-13251			
ANGLES		± 0.020		WEIGHT		RESTRICTED TO	
FINISH							
MATERIAL				CUSTOMER DRAWING		SCALE 1:1 SHEET 6 OF 10 REV D	

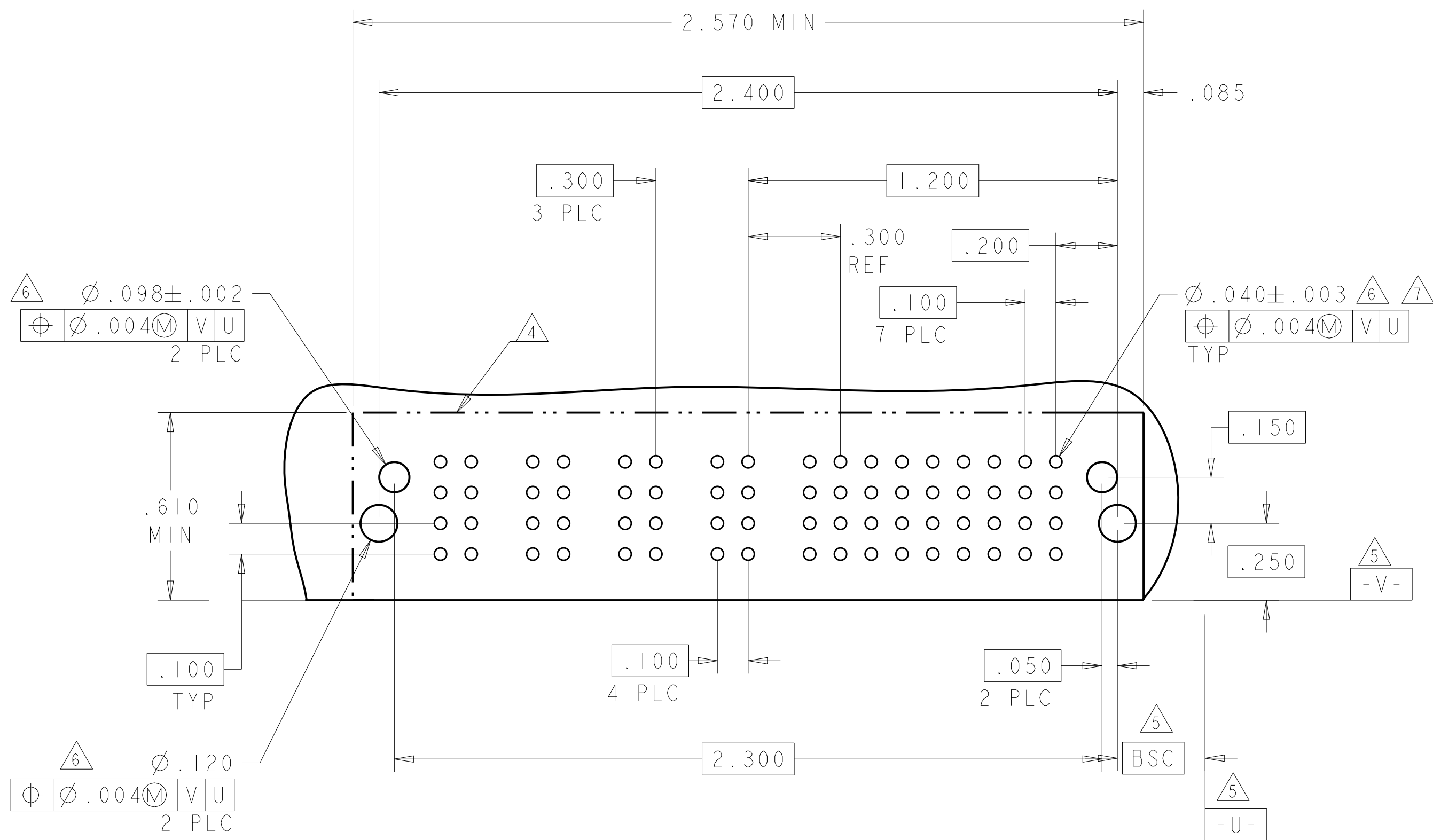
LOC		DIST		REVISONS			
				P	LTR	DESCRIPTION	DATE
						SEE SHEET 1	

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

PART NUMBER	ROWS		POWER						SIGNAL						
			P6	P5	P4	P3	P2	P1	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	G		
	B								F	F	F	F	F		F
	A								E	E	E	E	E		E
20S + 6P		HD													



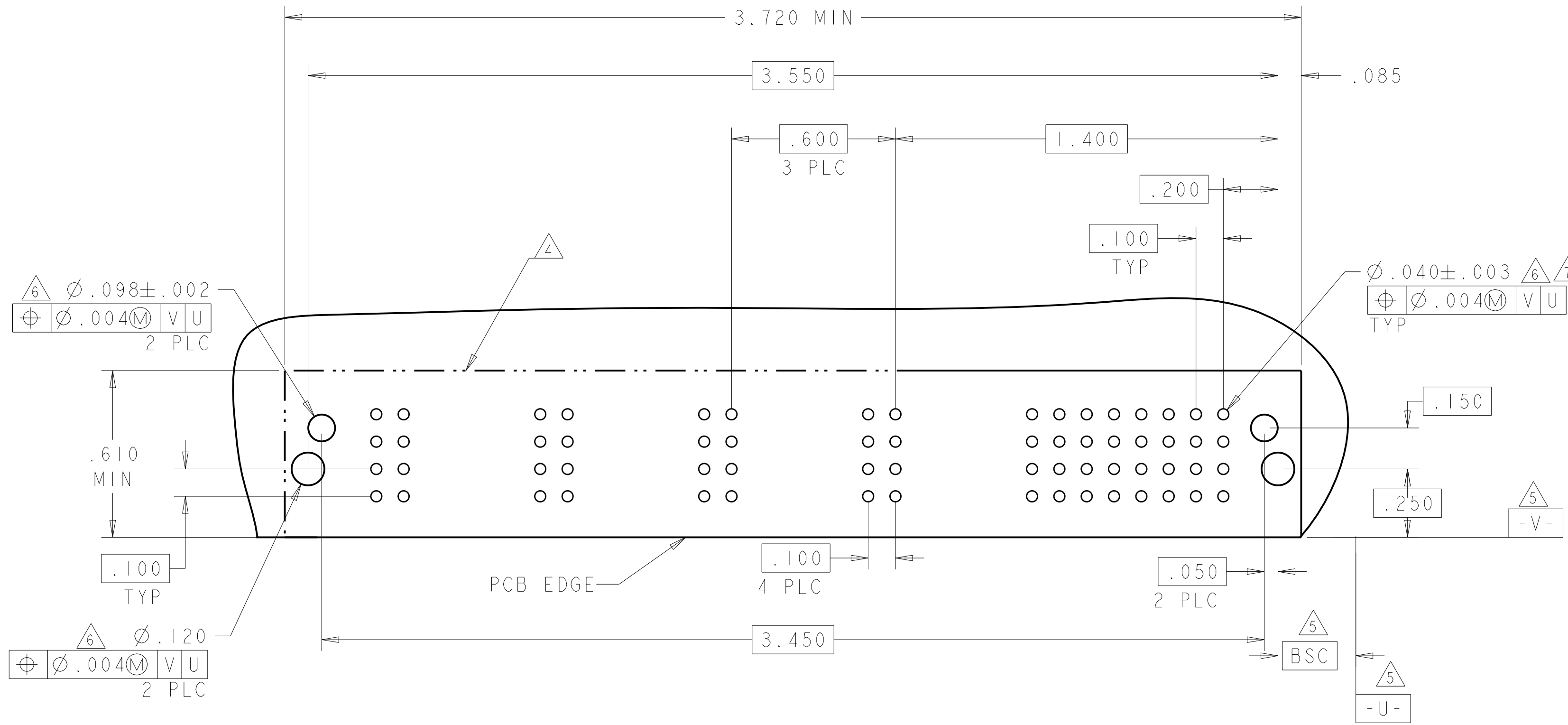
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN C. ZHOU	02AUG2013			NAME RIGHT ANGLE RECEPTACLE WITH LP AND SHORT END MODUAL MULTI-BEAM XLE	
DIMENSIONS: INCH		CHK S. ZHAO	02AUG2013				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	-	PRODUCT SPEC		SIZE	
0 PLC ±		APPLICATION SPEC		108-2292		CAGE CODE	
1 PLC ±		114-13251		DRAWING NO		RESTRICTED TO	
2 PLC ±		WEIGHT		A100779		REV	
3 PLC ±		CUSTOMER DRAWING		SCALE		SHEET	
4 PLC ±		1:1		7		OF	
ANGLES ±		10		REV		D1	
FINISH							

[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 values and tolerances. Key features include:

- Overall width: 2.520 MIN
- Internal width: 2.350
- Top edge dimensions: .085, .200 (7 PLC), .625, .200, .100 (3 PLC)
- Bottom edge dimensions: .100 (8 PLC), .250, .120 (6), .004 (M), V, U, .250 (5), -V-, .250 (5), -U-
- PCB EDGE label pointing to the left edge.
- Curved edge on the right side.
- Grid of holes in the center.



[illegible]4805 (3/11)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6450871-5](#)