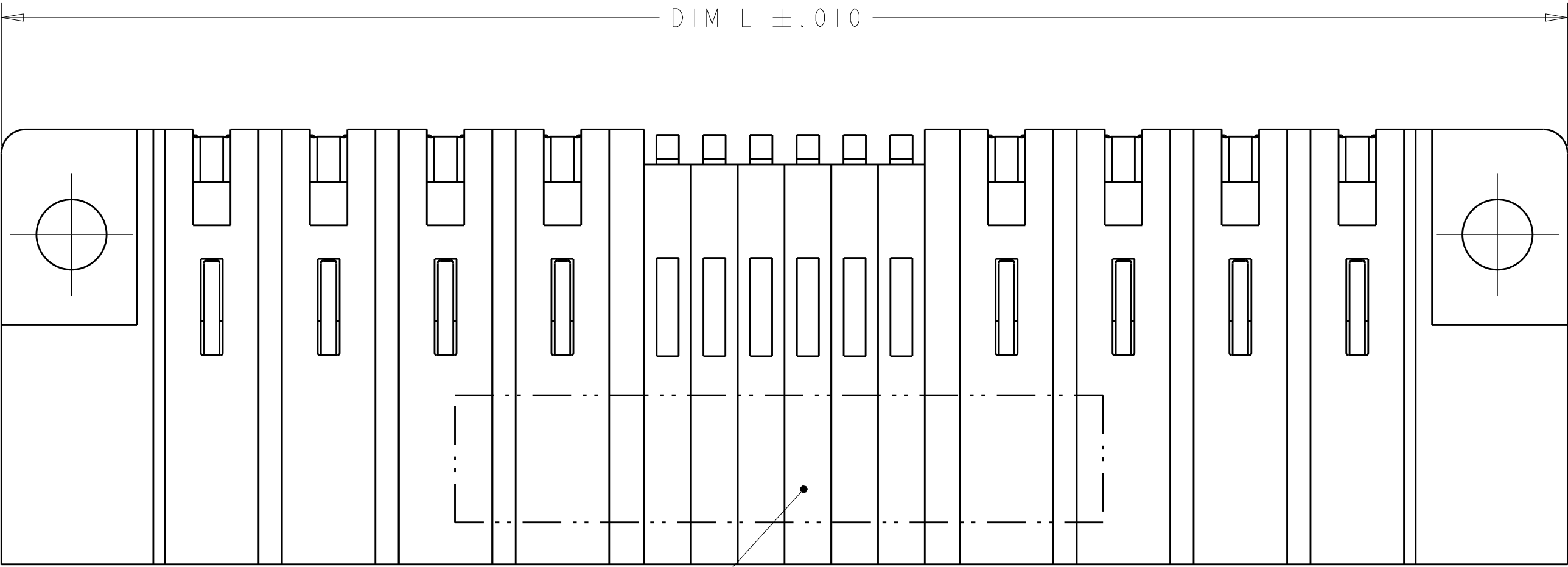
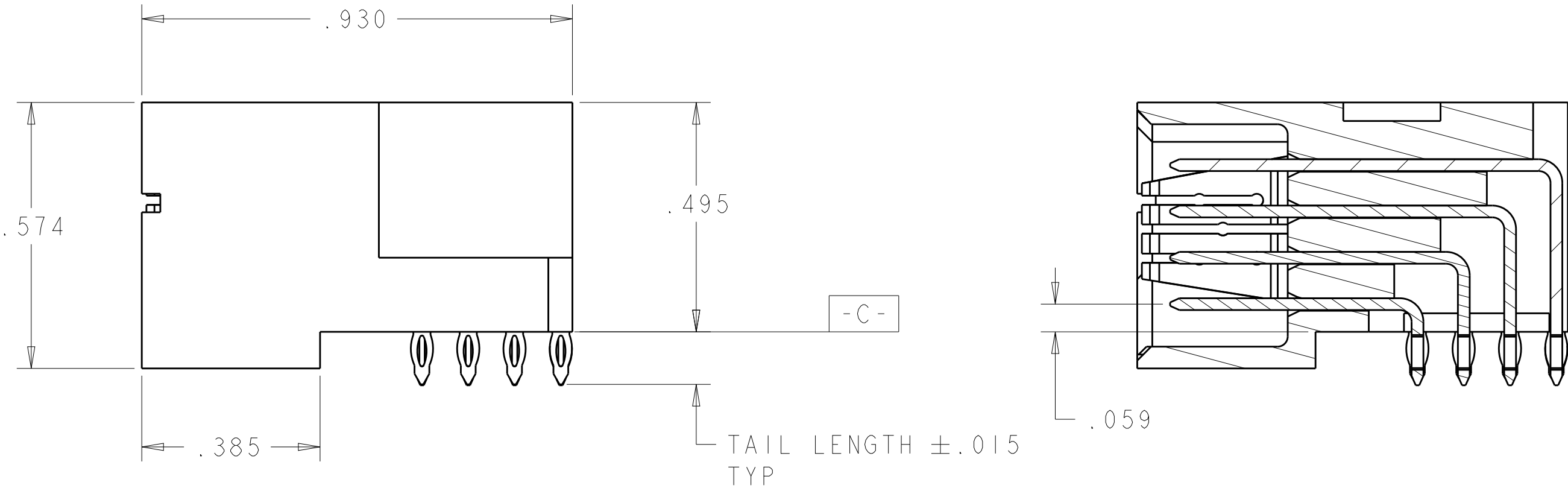
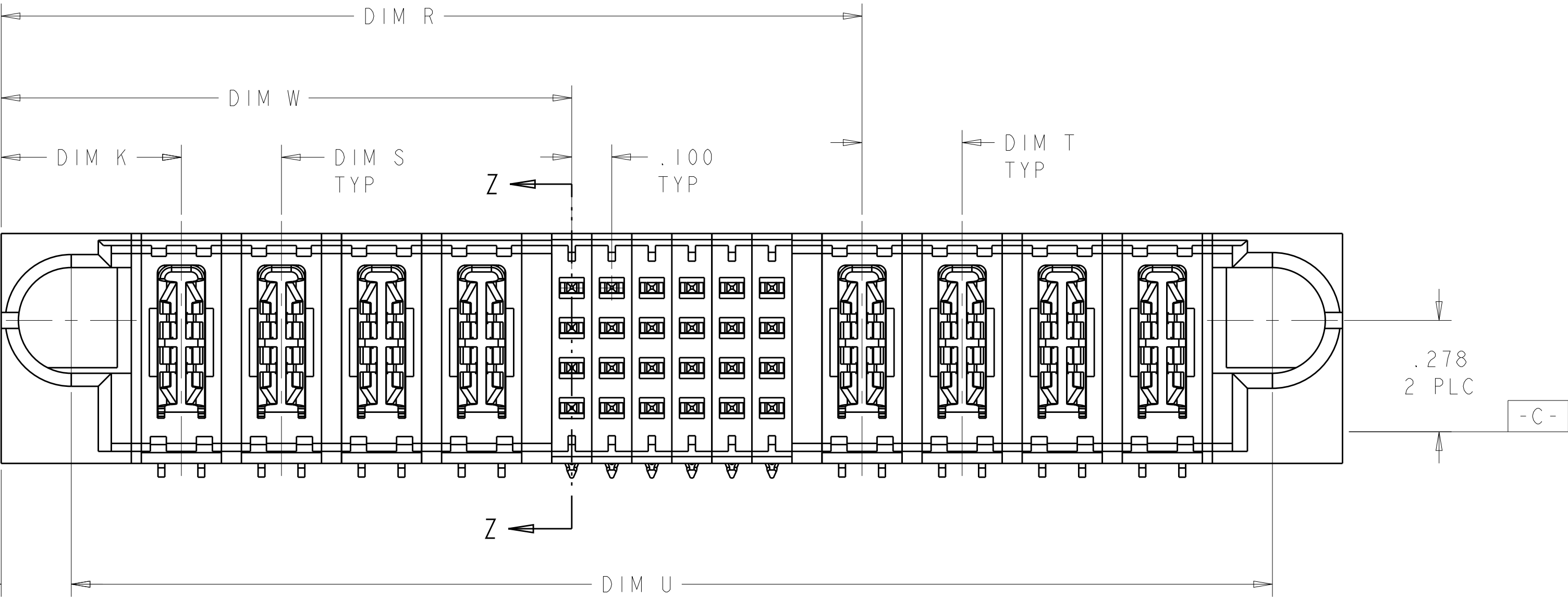


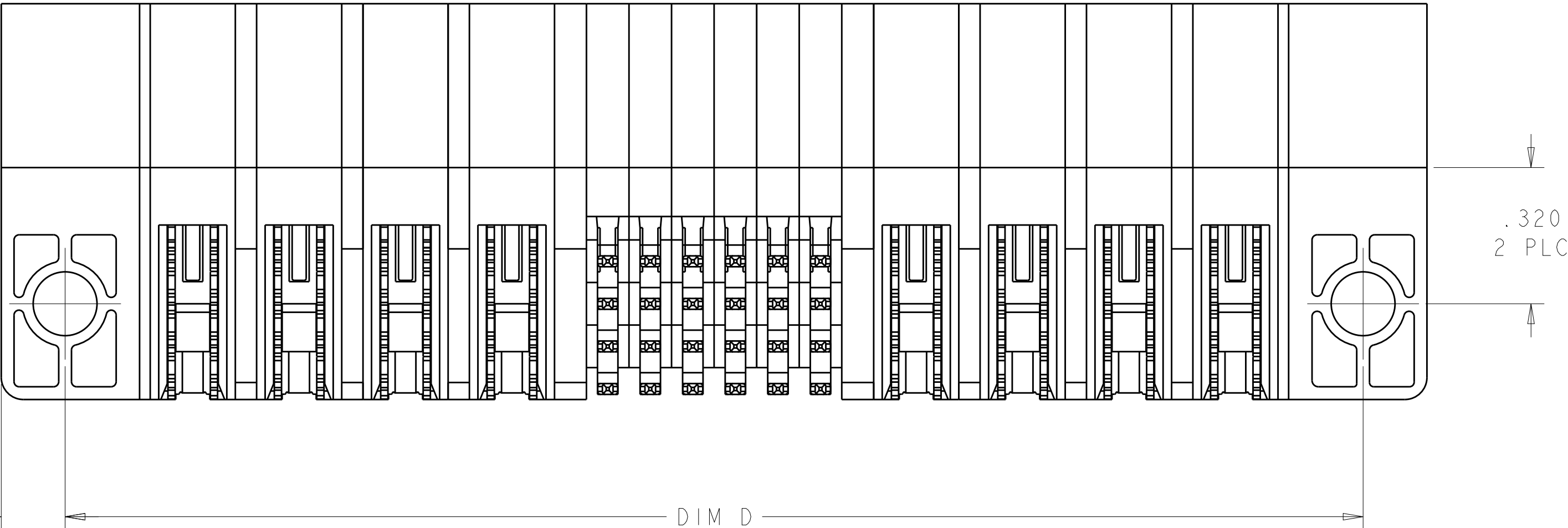
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		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		C8	REV PER ECR-13-004179	01MAR2013	CZ	SZ
			C9	REVISED	27MAY2013	CZ	SZ



- 1 PART NUMBER, AND DATE CODE MARKED IN AREA SHOWN.
- 2 MATERIAL:
HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O
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 - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 7 PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 HOLE.
- 8 NOT RELEASED FOR PRODUCTION.



SECTION Z-Z



C8	WITH	.250	.250	2.250	1.875	3.450	3.100	3.150	.450	6P + 12S + 4P	I-6450530-4
	WITH	.250	.250	2.950	1.375	4.150	3.800	3.850	.450	4P + 60S + 4P	I-6450530-3
	WITHOUT	.250	.250	1.550	.875	2.250	1.900	1.950	.450	2P + 24S + 2P	I-6450530-1
	WITH	.250	.250	2.000	1.125	2.950	2.600	2.650	.450	3P + 32S + 3P	6450530-9
	WITHOUT	-	-	1.425	.700	1.925	1.575	1.625	.475	1P + 24S + 1P	6450530-8
	WITHOUT	.250	.250	2.150	1.425	3.350	3.000	3.050	.450	4P + 24S + 4P	6450530-7
	WITH	.250	.300	1.750	1.275	3.950	3.600	3.650	.475	3ACP + 16S + 8P	6450530-6
	WITH	.250	.250	1.550	.875	2.250	1.900	1.950	.450	2P + 24S + 2P	6450530-5
	WITH	.250	.250	1.550	.875	2.250	1.900	1.950	.450	2P + 24S + 2P	6450530-4
	WITHOUT	-	-	1.100	.625	1.550	1.200	1.250	.450	1P + 16S + 1P	6450530-3
	HOLD DOWN	DIM T	DIM S	DIM R	DIM W	DIM L	DIM U	DIM D	DIM 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: CECILY.ZHOU
CHK: S.YAO
APVD: S.YAO

31JUL2006
31JUL2006

NAME

PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038

WEIGHT

CUSTOMER DRAWING

TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY
WITH GUIDES, PRESS FIT
MULTI-BEAM XL

SIZE
A100779

CAGE CODE
C=6450530

RESTRICTED TO

SCALE
4:1

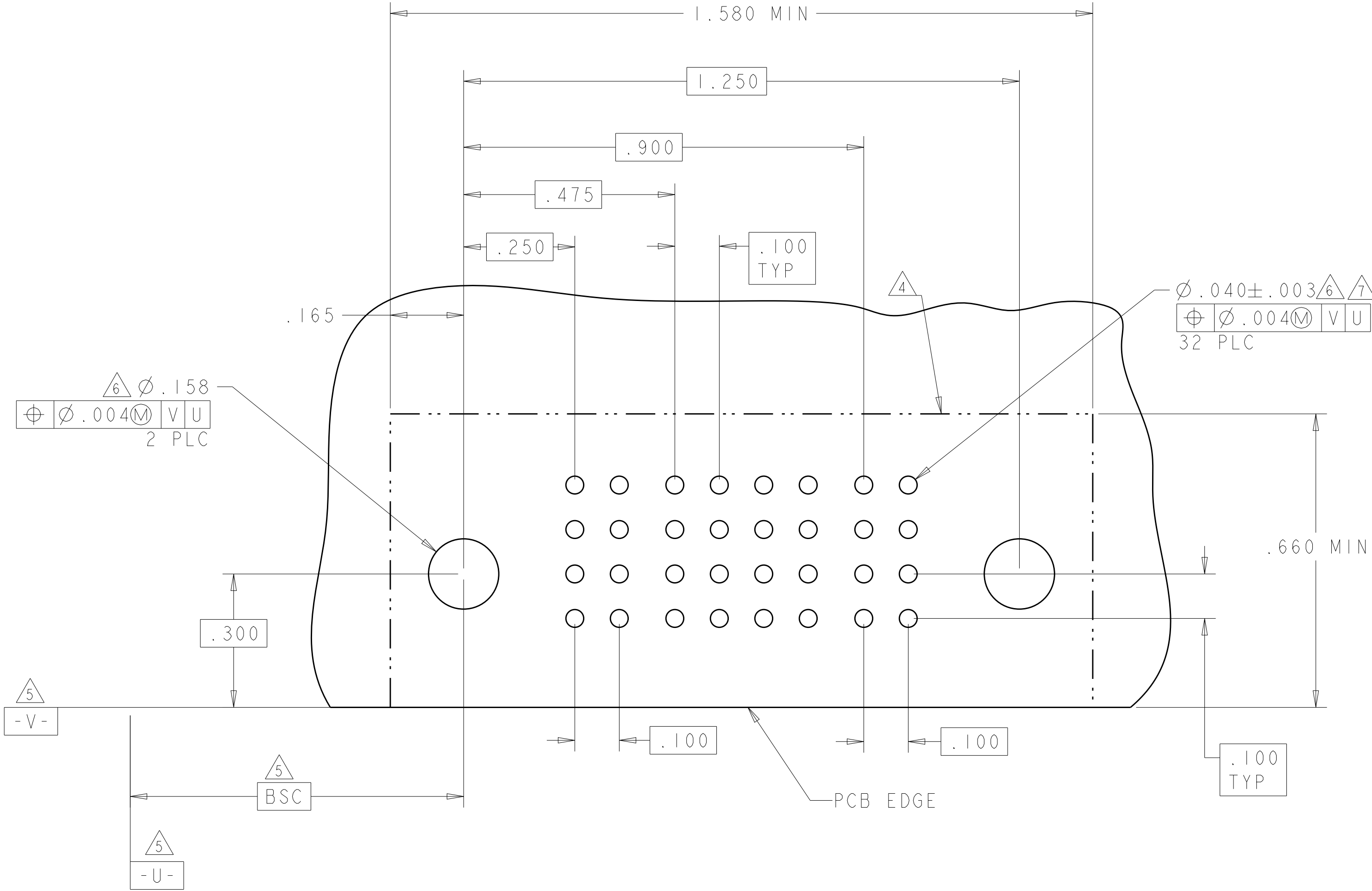
SHEET
1

OF
11

REV
C9

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

PART NUMBER	ROWS		POWER	SIGNAL				POWER
			P1	1	2	3	4	P2
6450530-3	D							
	C			Z5	Z5	Z5	Z5	
	B			Y5	Y5	Y5	Y5	
	A			R5	R5	R5	R1	
				O5	O5	O5	O5	
IP + 16S + IP								



C1	-	HOLD DOWN	.155"	HD
	D	SIGNAL CONTACT, MLBF	.120"	Z1
	C	SIGNAL CONTACT, MLBF	.120"	Y1
	B	SIGNAL CONTACT, MLBF	.120"	R1
	A	SIGNAL CONTACT, MLBF	.120"	O1
	D	SIGNAL CONTACT, STD	.120"	Z5
	C	SIGNAL CONTACT, STD	.120"	Y5
	B	SIGNAL CONTACT, STD	.120"	R5
	A	SIGNAL CONTACT, STD	.120"	O5
	-	POWER CONTACT	.120"	PT
ROW	DESCRIPTION		TAIL LENGTH	CODE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: CECILY.ZHOU

CHK: S.YAO

APVD: S.YAO

31JUL2006

31JUL2006

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

-

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

SCALE 4:1

SHEET 2 OF 11

REV C9

TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL

SIZE A1

CAGE CODE 00779

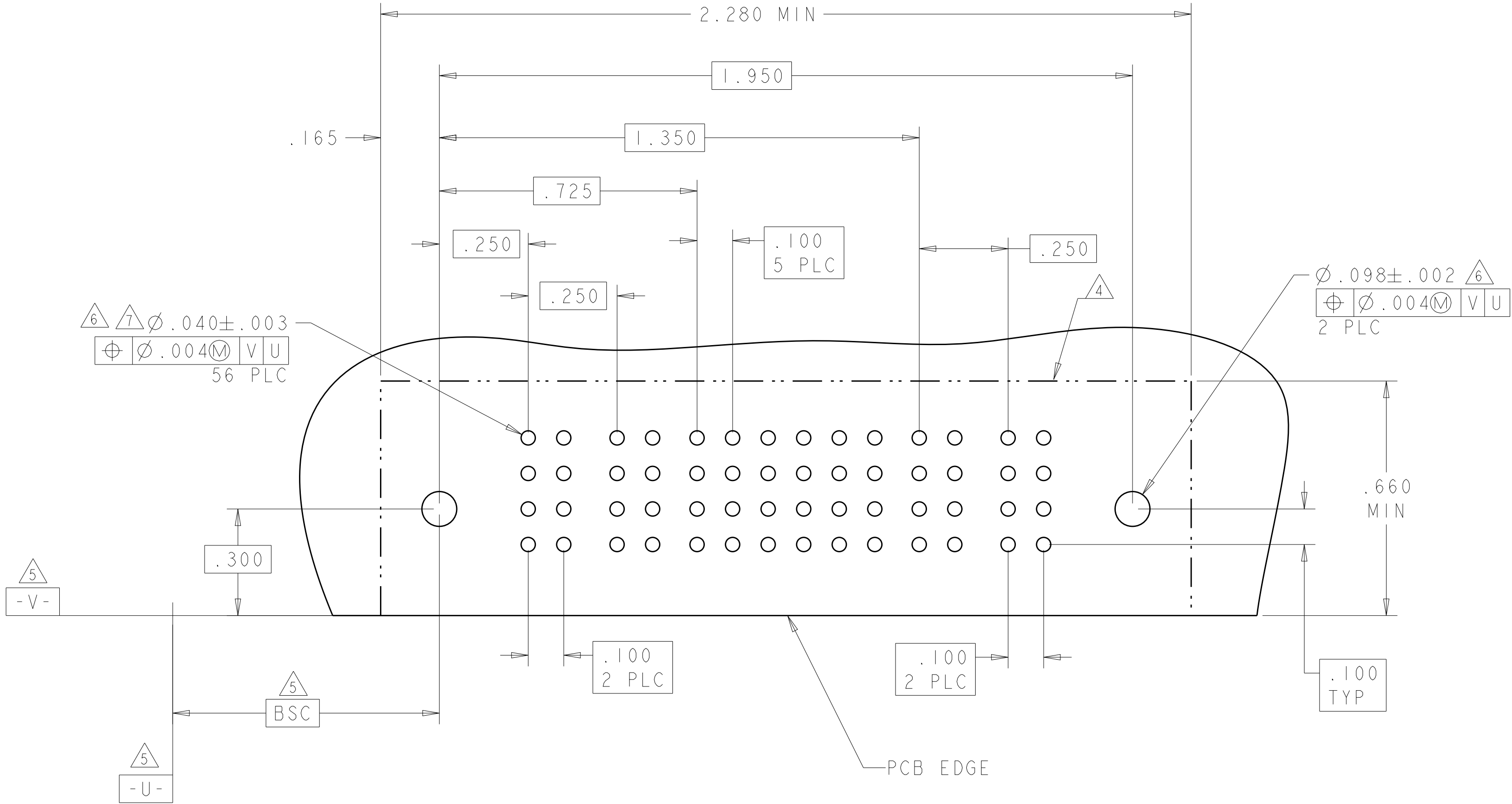
DRAWING NO. C=6450530

RESTRICTED TO

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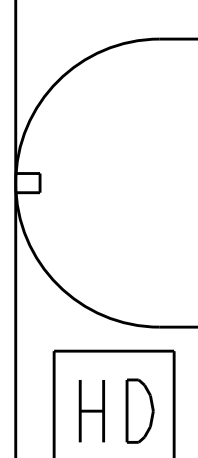
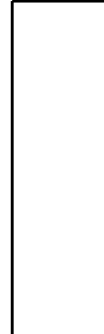
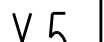
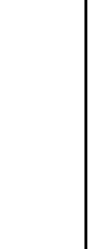
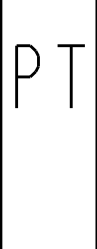
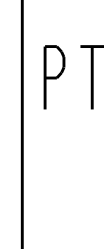
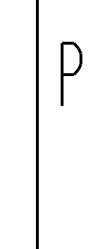
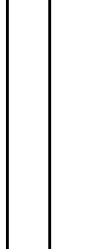
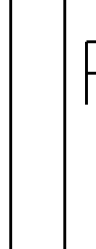
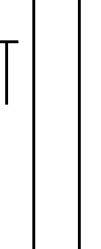
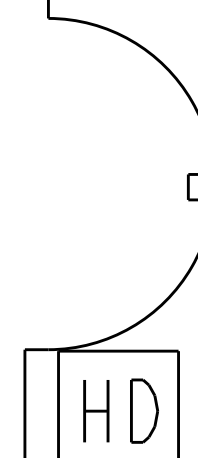
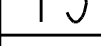
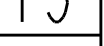
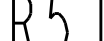
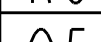
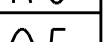
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ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

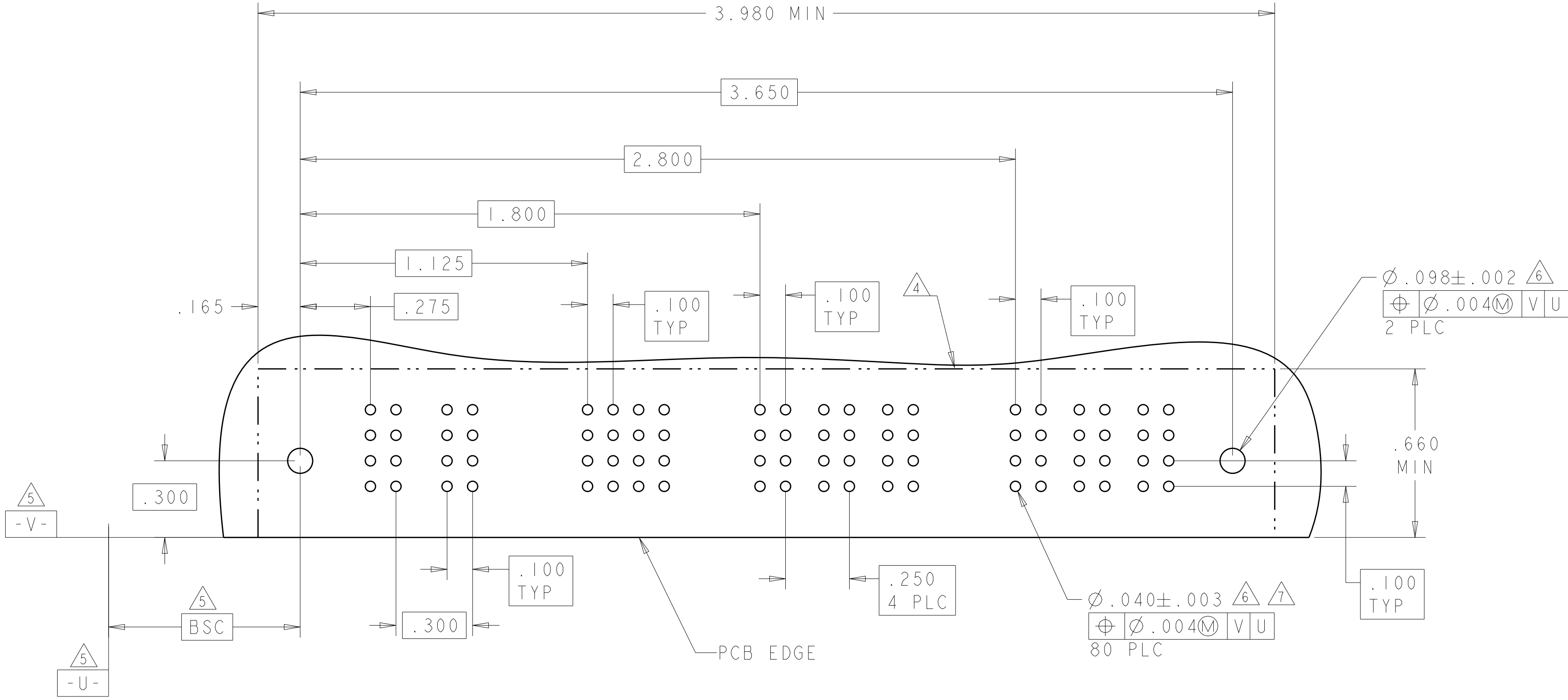
PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
6450530-4	D C B A				Z5	Z5	Z5	Z5	Z5	Z5			
					Y5	Y5	Y5	Y5	Y5	Y5			
					R5	R5	R5	R5	R5	R5			
					01	05	05	05	05	01			
2P + 24S + 2P													



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: CECILY.ZHOU CHK: S.YAO APVD: S.YAO	31JUL2006 31JUL2006 -
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° FINISH -	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -
MATERIAL: -		CUSTOMER DRAWING	
SCALE: 4:1		SHEET: 3 OF 11	REV: C9

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

PART NUMBER	ROWS		POWER			SIGNAL				POWER								
			P1	P2	P3	1	2	3	4	P4	P5	P6	P7	P8	P9	P10		P11
6450530-6	D C B A																	
																		
																		
																		
3ACP + 16S + 8P																		



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: CECILY.ZHOU

CHK: S.YAO

APVD: S.YAO

31JUL2006

31JUL2006

-

DIMENSIONS:

INCHES

0 PLC ±"

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES ±2°

FINISH -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC

APPLICATION SPEC

108-1973

114-13038

MATERIAL

-

WEIGHT

-

CUSTOMER DRAWING

SCALE 4:1

SHEET 5 OF 11

REV C9

TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL

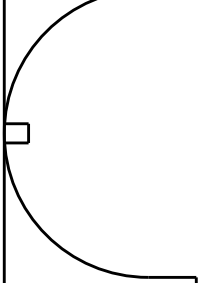
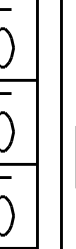
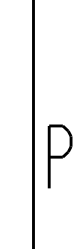
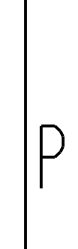
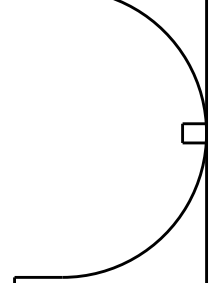
SIZE A1

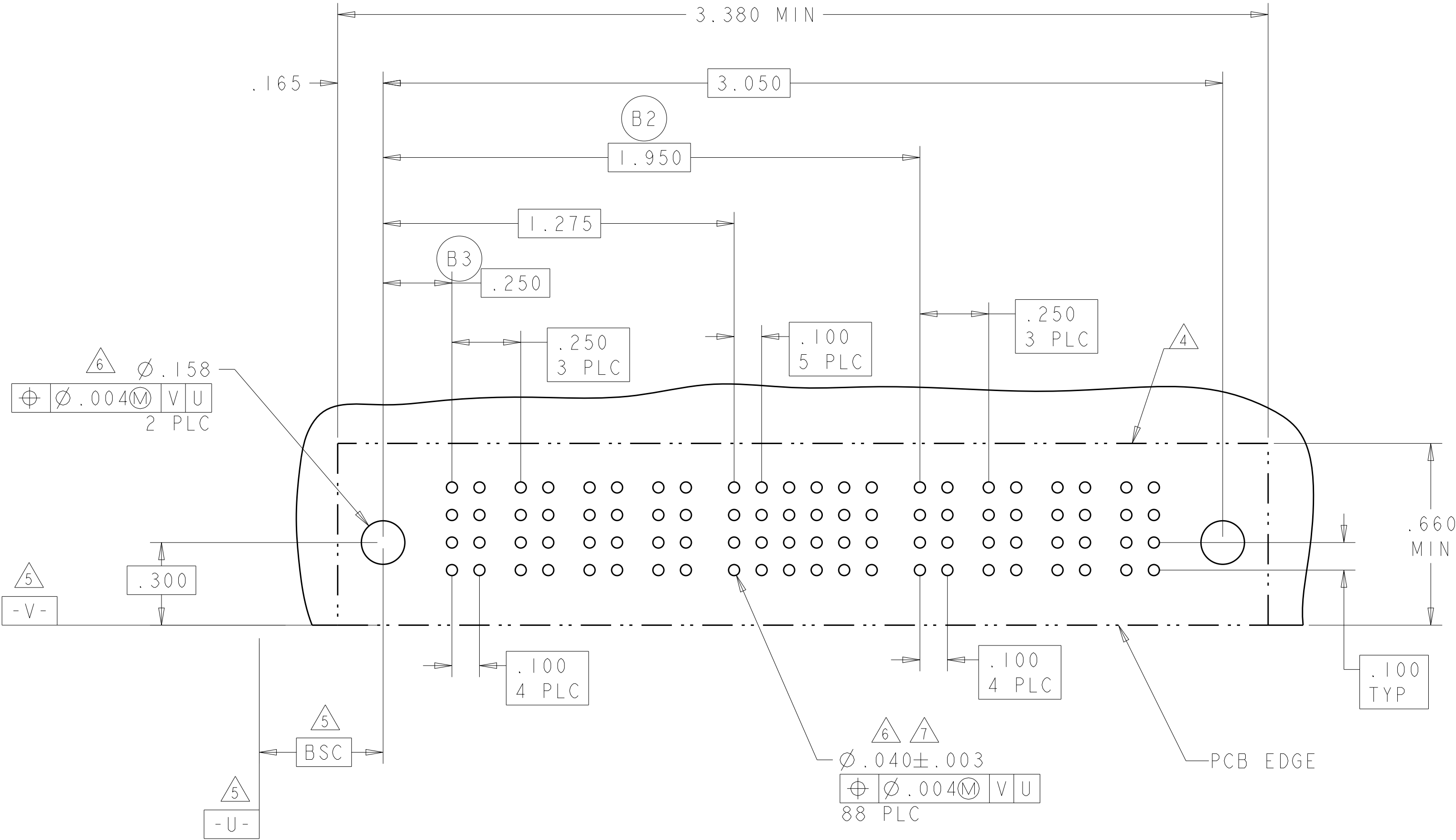
CAGE CODE 00779

DRAWING NO. C=6450530

RESTRICTED TO -

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	
6450530-7	D C B A																
																	
																	
																	
4P + 24S + 4P																	



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: CECILY.ZHOU

CHK: S.YAO

APVD: S.YAO

31JUL2006

31JUL2006

-

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 -

CUSTOMER DRAWING

TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL

SIZE: A1

CAGE CODE: 100779

DRAWING NO: 6450530

RESTRICTED TO: -

SCALE: 4:1

SHEET: 6

OF: 11

REV: C9

This mechanical drawing illustrates the layout of a PCB, detailing dimensions and tolerances. The overall width is specified as 1.955 MIN. The layout includes a central array of 40 circular features, arranged in 4 rows and 10 columns, with a diameter of $\varnothing .040 \pm .003$. The spacing between these features is .550. The layout also includes two circular features with a diameter of $\varnothing .158$, spaced .100 apart. The layout is defined by a central horizontal axis and a vertical centerline. The layout is defined by a central horizontal axis and a vertical centerline. The layout is defined by a central horizontal axis and a vertical centerline.

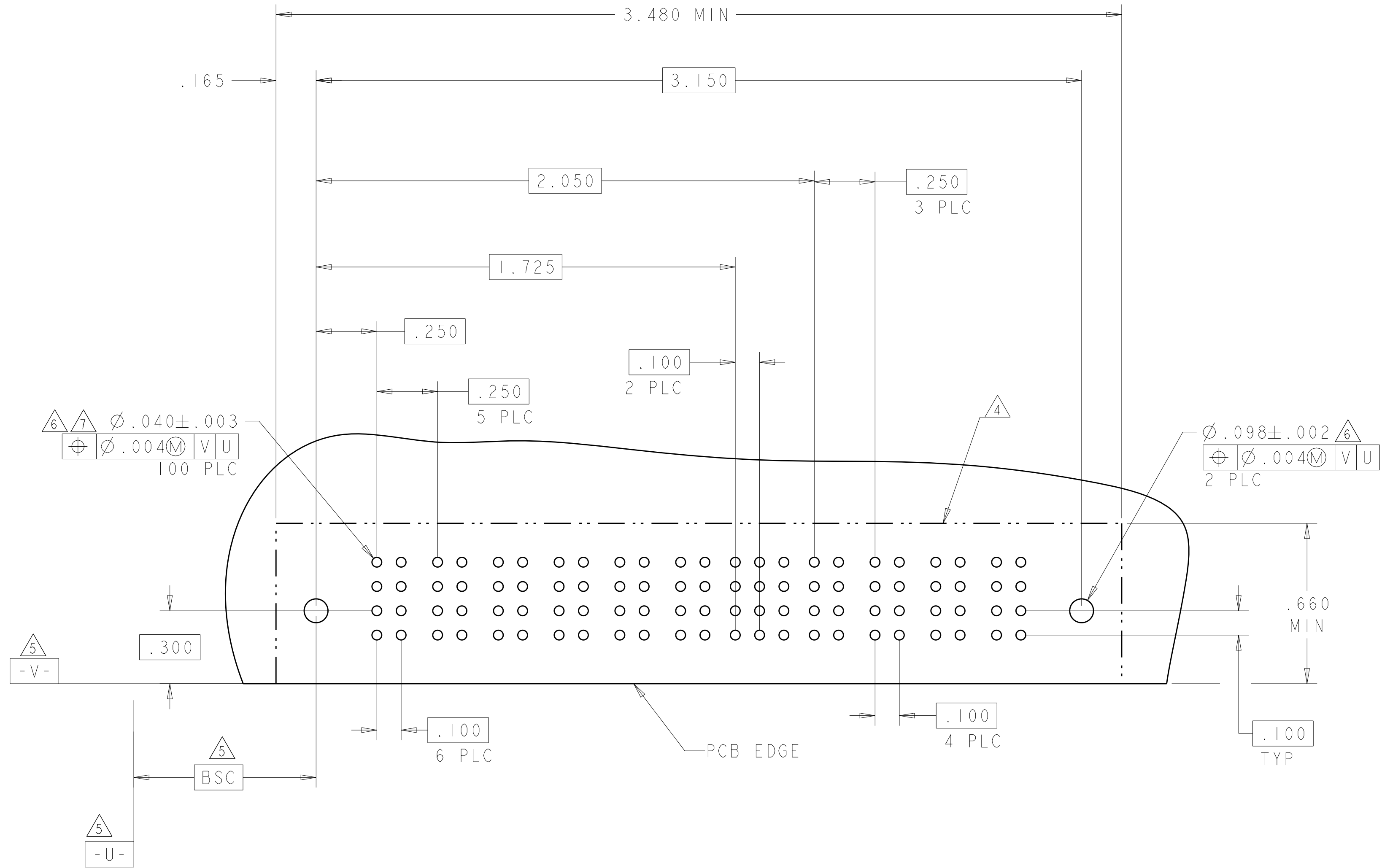
4805 (3/11)

[illegible]4805 (3/11)

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	P6	1	2	3	P7	P8	P9	P10	
1-6450530-4	D		PT	PT	PT	PT	PT	PT	Z5	Z5	Z5	PT	PT	PT	PT	
	C								Y5	Y5	Y5					
	B								R5	R1	R5					
	A								O5	O1	O5					
6P + 12S + 4P																



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: CECILY.ZHOU
CHK: S.YAO
APVD: S.YAO

31JUL2006
31JUL2006
-

DIMENSIONS:
INCHES

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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL

SIZE: A1
CAGE CODE: 100779
DRAWING NO: 6450530

RESTRICTED TO: -

TE Connectivity

SCALE: 4:1
SHEET: 11 OF 11
REV: C9