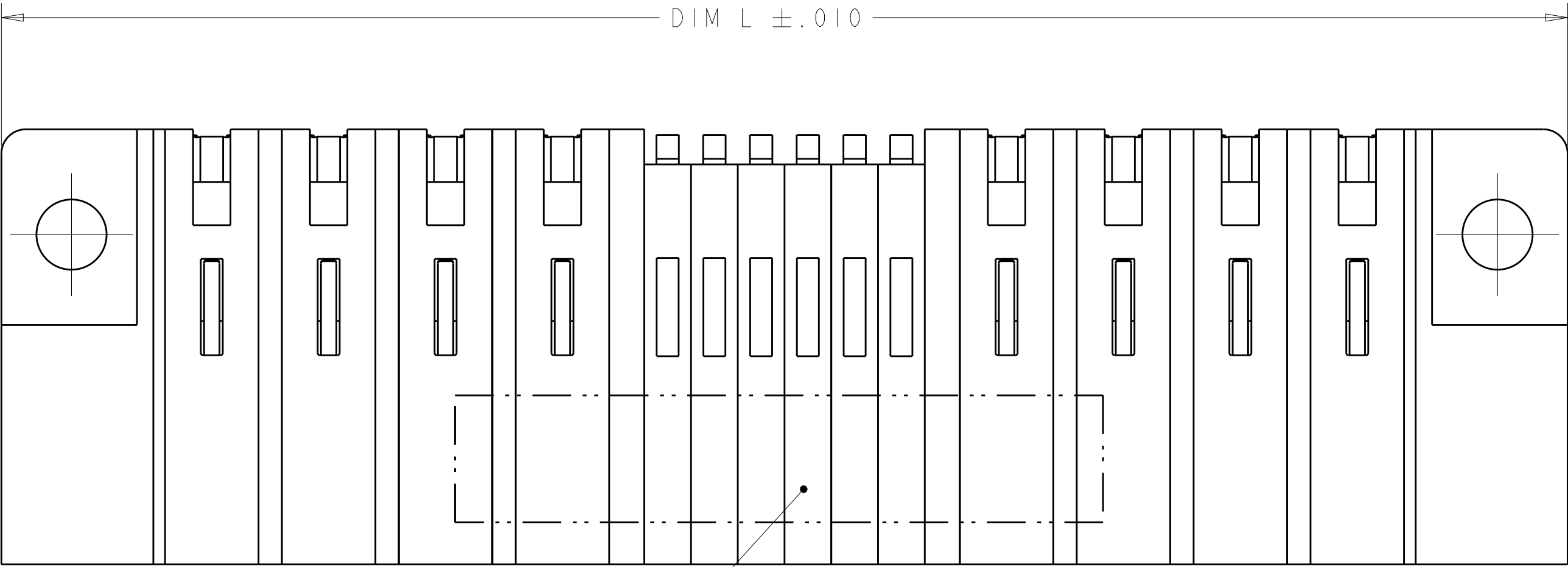
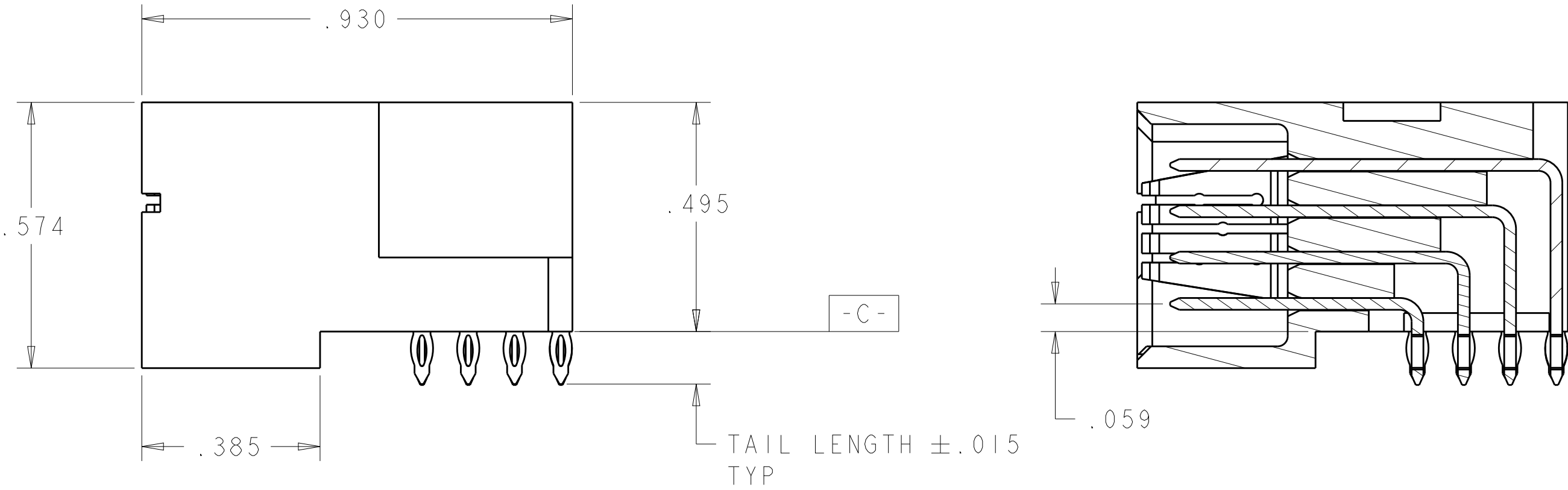
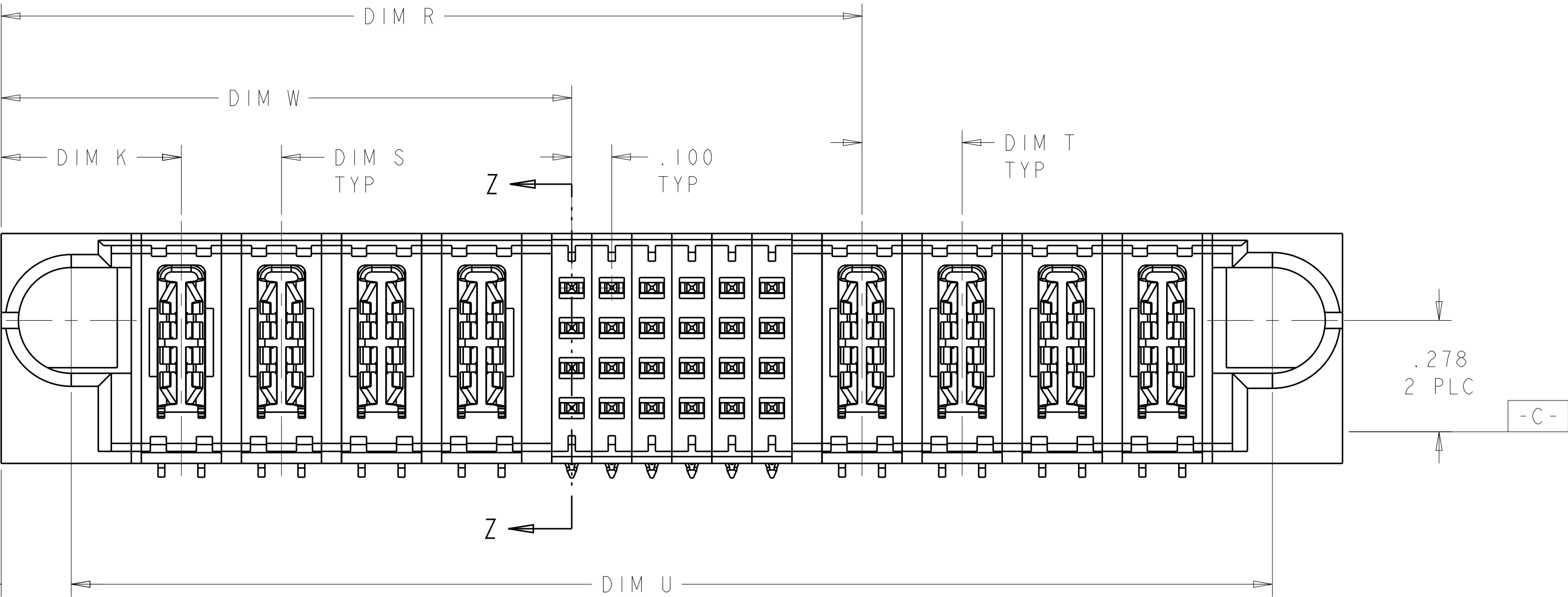


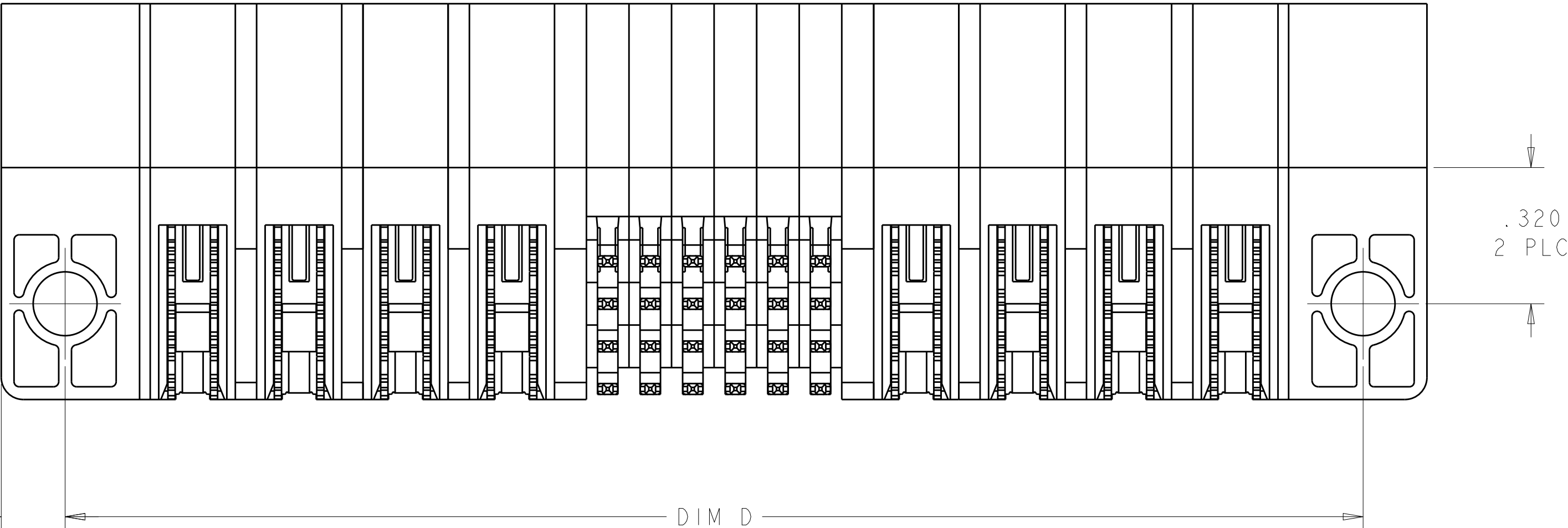
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		C8	REV PER ECR-13-004179	01MAR2013	CZ	SZ
			C9	REVISED	27MAY2013	CZ	SZ



- 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

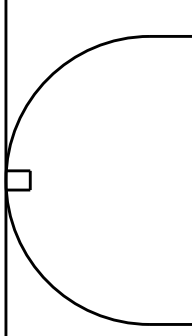
RIGHT ANGLE HEADER ASSEMBLY
WITH GUIDES, PRESS FIT
MULTI-BEAM XL

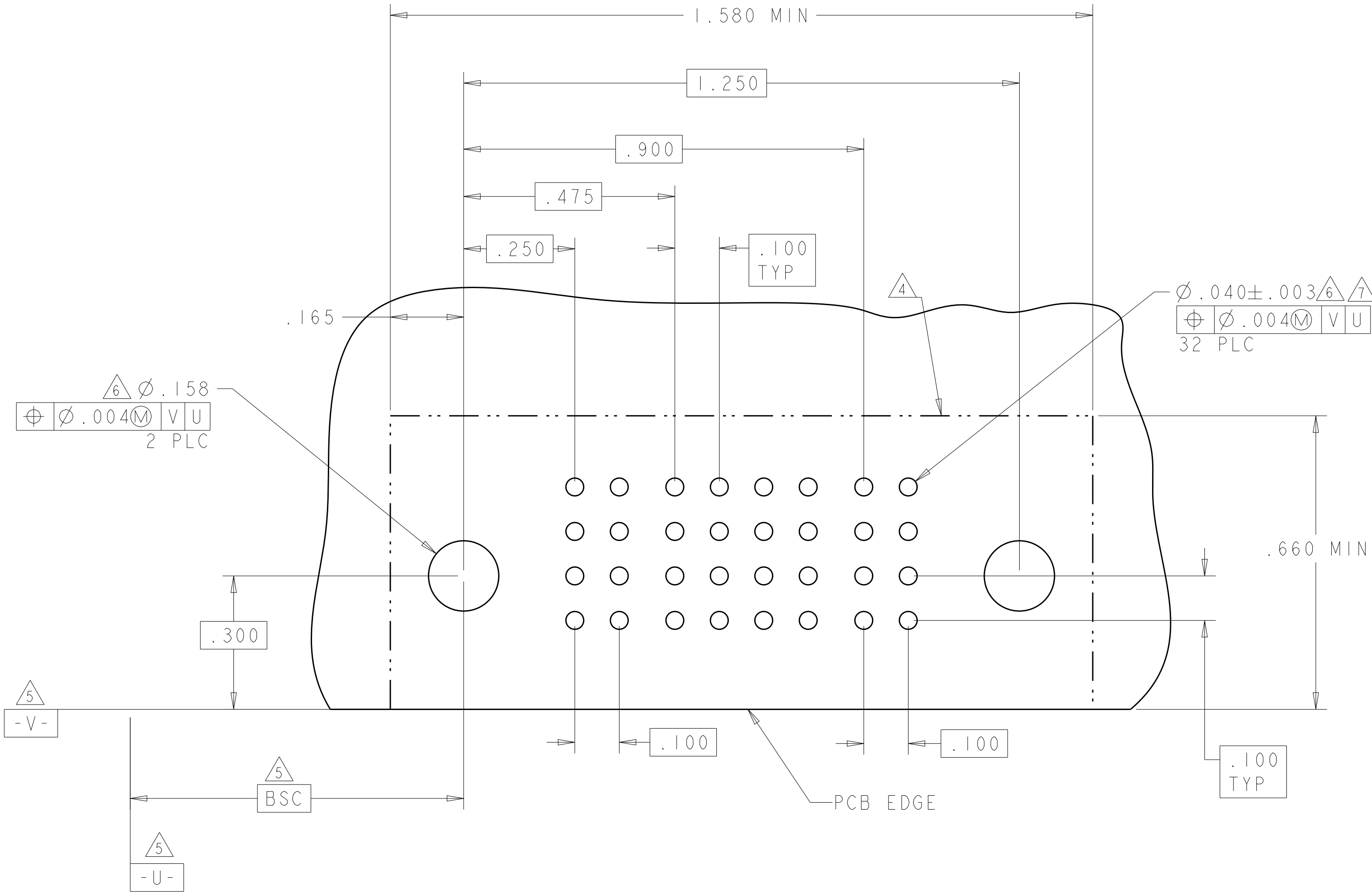
SIZE: A1
CAGE CODE: 00779
DRAWING NO: 6450530

RESTRICTED TO

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

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
ES	00	-	-	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.

DIMENSIONS:

INCHES

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±"

±.01

±.005

±.0020

±2°

-

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: CECILY.ZHOU

CHK: S.YAO

APVD: S.YAO

DATE: 31JUL2006

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

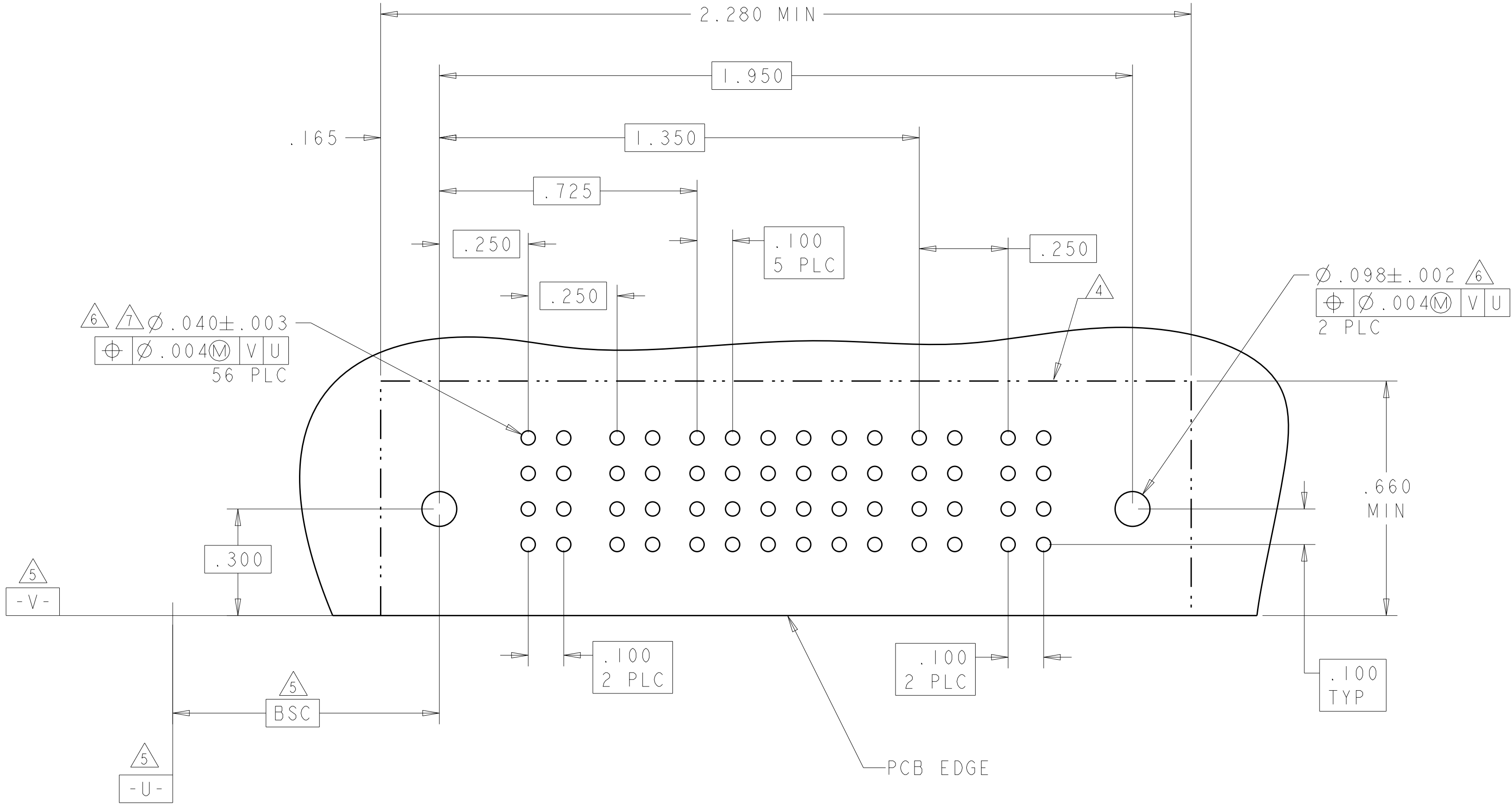
CAGE CODE: 00779

DRAWING NO: C=6450530

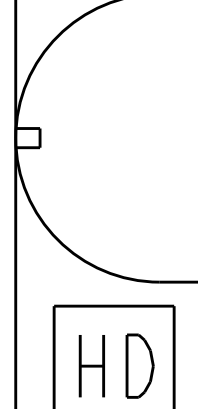
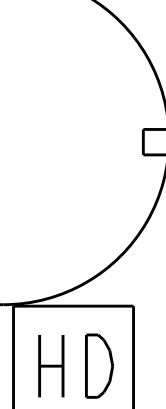
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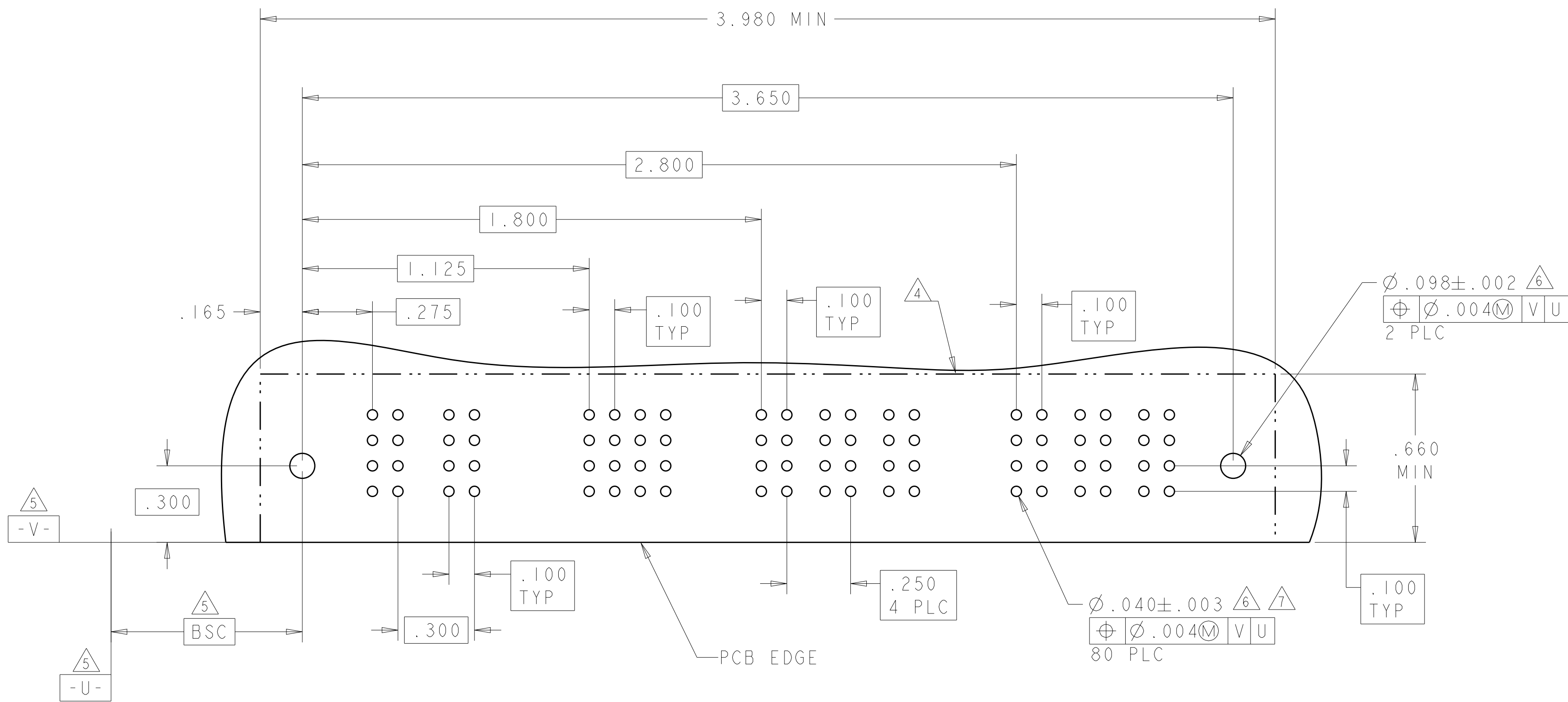
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
ES	00	-	-	SEE SHEET 1	-	-

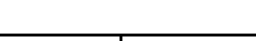
PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
6450530-4	D C B A				Z5	Z5	Z5	Z5	Z5	Z5			
					Y5	Y5	Y5	Y5	Y5	Y5			
					R5	R5	R5	R5	R5	R5			
					01	05	05	05	05	01			
2P + 24S + 2P													



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 ±" 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH -	NAME: S. YAO
		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL
MATERIAL: -		CUSTOMER DRAWING	SIZE: A1 CAGE CODE: 00779 DRAWING NO: 6450530 RESTRICTED TO: -
		SCALE: 4:1	SHEET: 3 OF 11 REV: C9

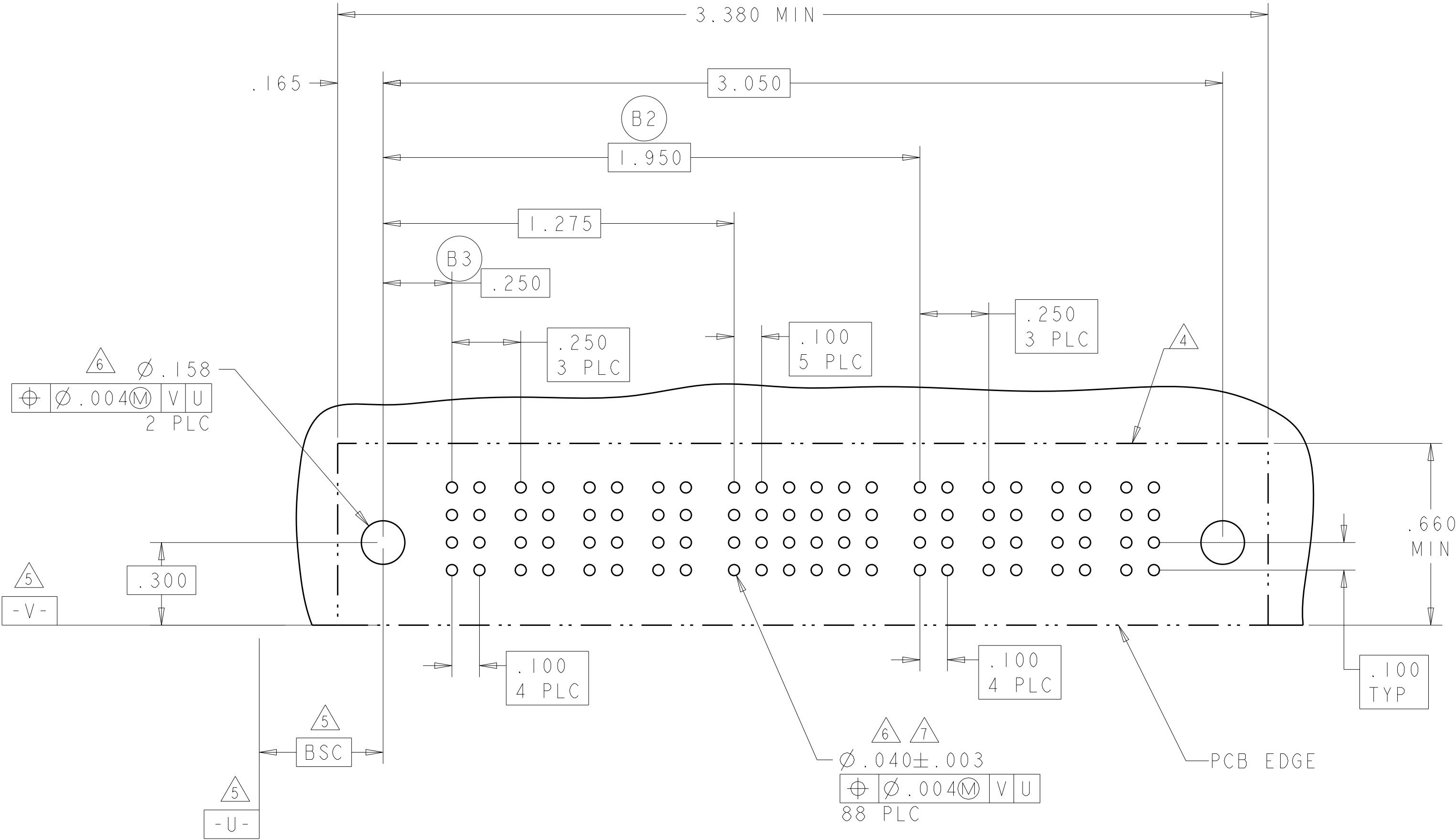
PART NUMBER	ROWS		POWER			SIGNAL				POWER								
			P1	P2	P3	1	2	3	4	P4	P5	P6	P7	P8	P9	P10	P11	
6450530-6	D C B A					Z5	Z5	Z5	Z5									
						Y5	Y5	Y5	Y5									
						R5	R5	R5	R5									
						O5	O5	O5	O5									
3ACP + 16S + 8P																		



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG CECILY.ZHOU 31JUL2006		 TE Connectivity	
		CHK S.YAO 31JUL2006			
DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL	
		0 PLC ±.1 1 PLC ±.01 2 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°			
		FINISH			
		MATERIAL			
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT		SIZE CASE CODE DRAWING NO A1 00779 C-6450530	
CUSTOMER DRAWING				SCALE 4:1 SHEET 5 OF 11 REV C	

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		PT	PT	PT	PT	Z5	Z5	Z5	Z5	Z5	Z5	PT	PT	PT	PT	
	Y5						Y5	Y5	Y5	Y5	Y5						
	R5						R5	R5	R5	R5	R5						
	O5						O5	O5	O5	O5	O5						
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

-

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

00779

DRAWING NO

6450530

RESTRICTED TO

-

SCALE

4:1

SHEET

6

OF

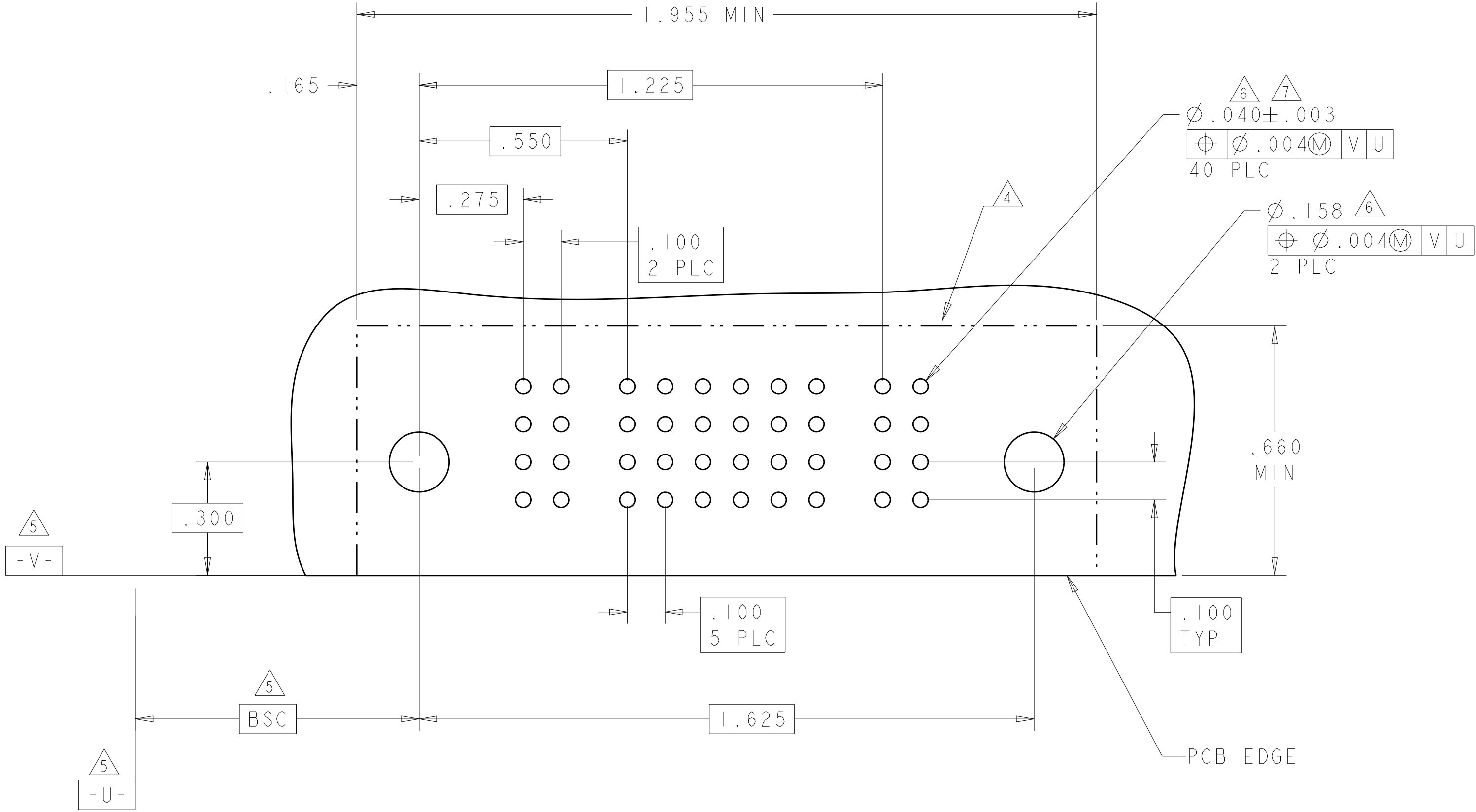
11

REV

C9

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

PART NUMBER	ROWS		POWER	SIGNAL						POWER	
			P1	1	2	3	4	5	6	P2	
6450530-8	D C B A		PT	Z5	Z5	Z5	Z5	Z5	Z5	PT	
				Y5	Y5	Y5	Y5	Y5	Y5		
				R5	R5	R5	R1	R5	R5		
				05	05	05	05	05	05		
IP + 24S + IP											



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 -

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

SIZE: A1
CAGE CODE: 100779
DRAWING NO: C=6450530

RESTRICTED TO: -

CUSTOMER DRAWING

SCALE: 4:1
SHEET: 7 OF 11
REV: C9

This mechanical drawing illustrates the dimensions and tolerances for a PCB edge. The drawing includes the following specifications:

- Overall Dimensions:**
 - Top edge: 2.280 MIN
 - Left edge: 1.950
 - Right edge: 1.350
 - Bottom edge: 1.165
- Feature Dimensions and Tolerances:**
 - Top edge: 1.350, 1.950, .725, .250, .250, .100 (5 PLC)
 - Right edge: .250, .100 (2 PLC), .100 (2 PLC), .100 (TYP)
 - Bottom edge: .300, .100 (2 PLC), .100 (2 PLC), .100 (TYP)
 - Left edge: .165, .250, .250, .100 (5 PLC)
- Surface Features:**
 - Top surface: 4
 - Bottom surface: 5
 - Left surface: 5
 - Right surface: 4
- Material and Tolerances:**
 - Top surface: $\phi .040 \pm .003$ (56 PLC)
 - Right surface: $\phi .098 \pm .002$ (2 PLC OPTIONAL)
 - Bottom surface: $\phi .004$ (V U)
- Other Features:**
 - PCB EDGE
 - BSC (Bottom Surface Center)
 - PCB EDGE

4805 (3/11)

Top view of the PCB layout showing dimensions and pin locations. Key dimensions include:

- Total width: 4.180
- Pin pitch: 0.100
- Central section width: 2.750
- Pin counts: 124 PLC, 14 PLC, 3 PLC, 4 PLC
- Dimensions: 0.165, 0.250, 1.225, 0.300, 0.100, 0.098 ± 0.002, 0.040 ± 0.003
- Labels: PCB EDGE, BSC, -V-, -U-

4805 (3/11)

C9

