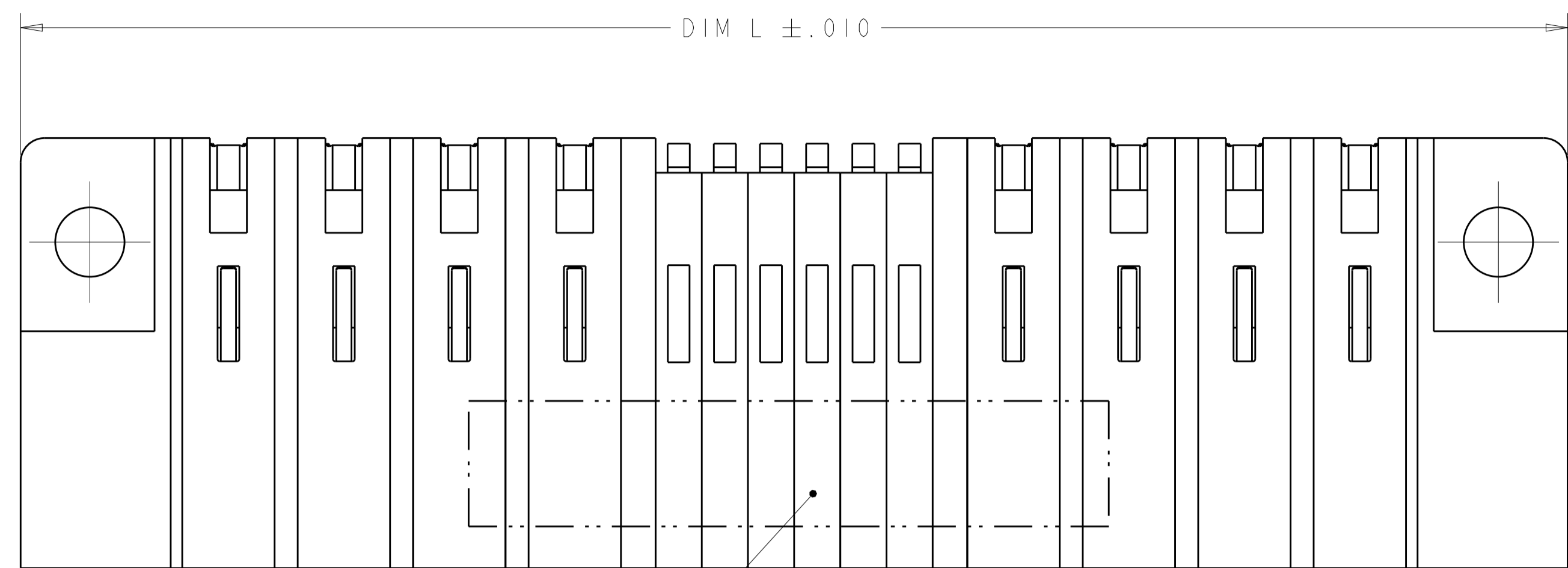
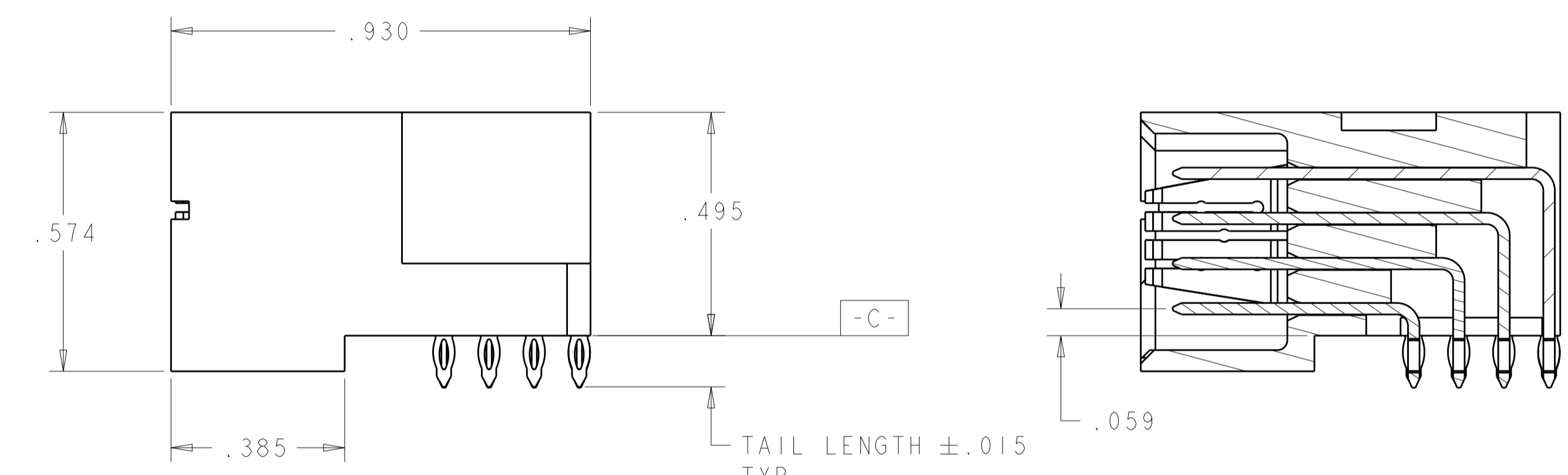
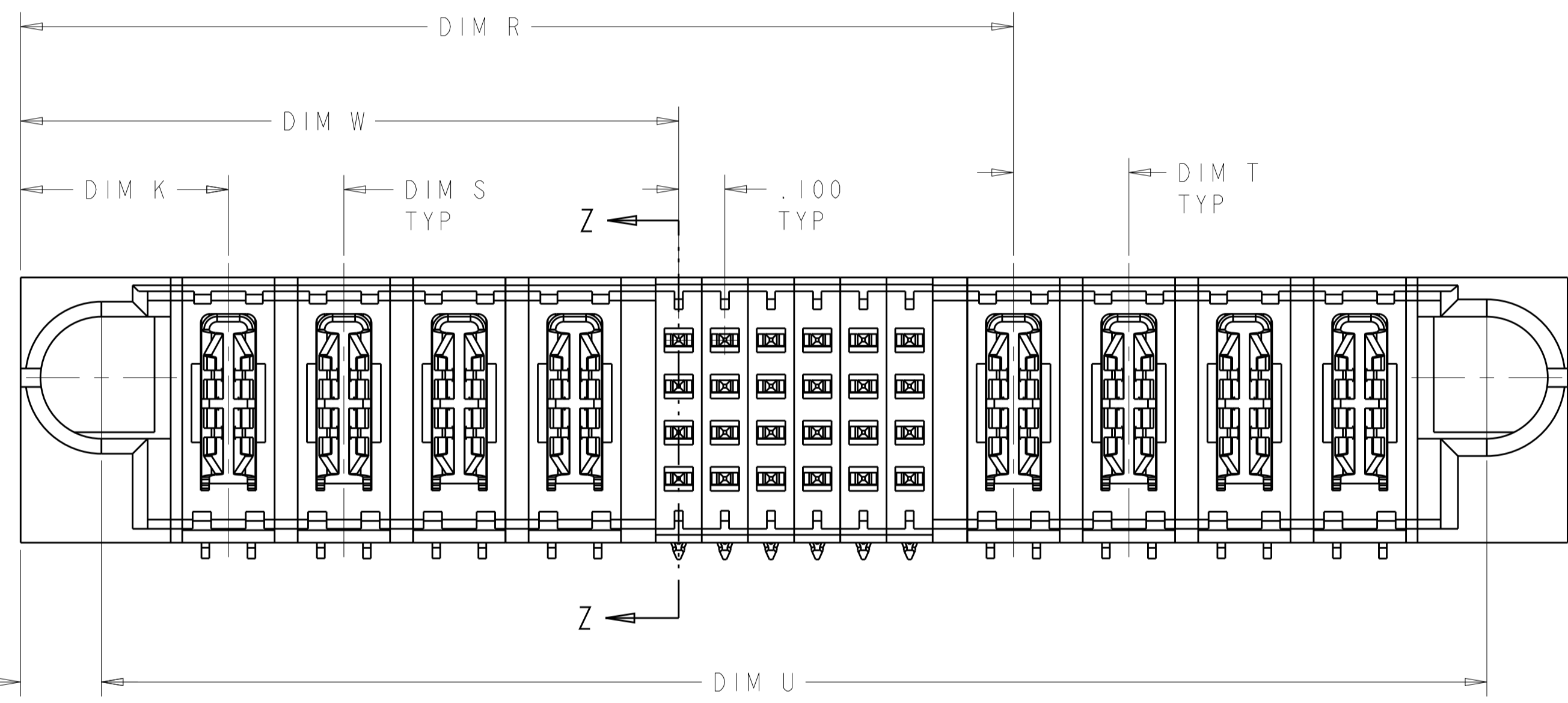


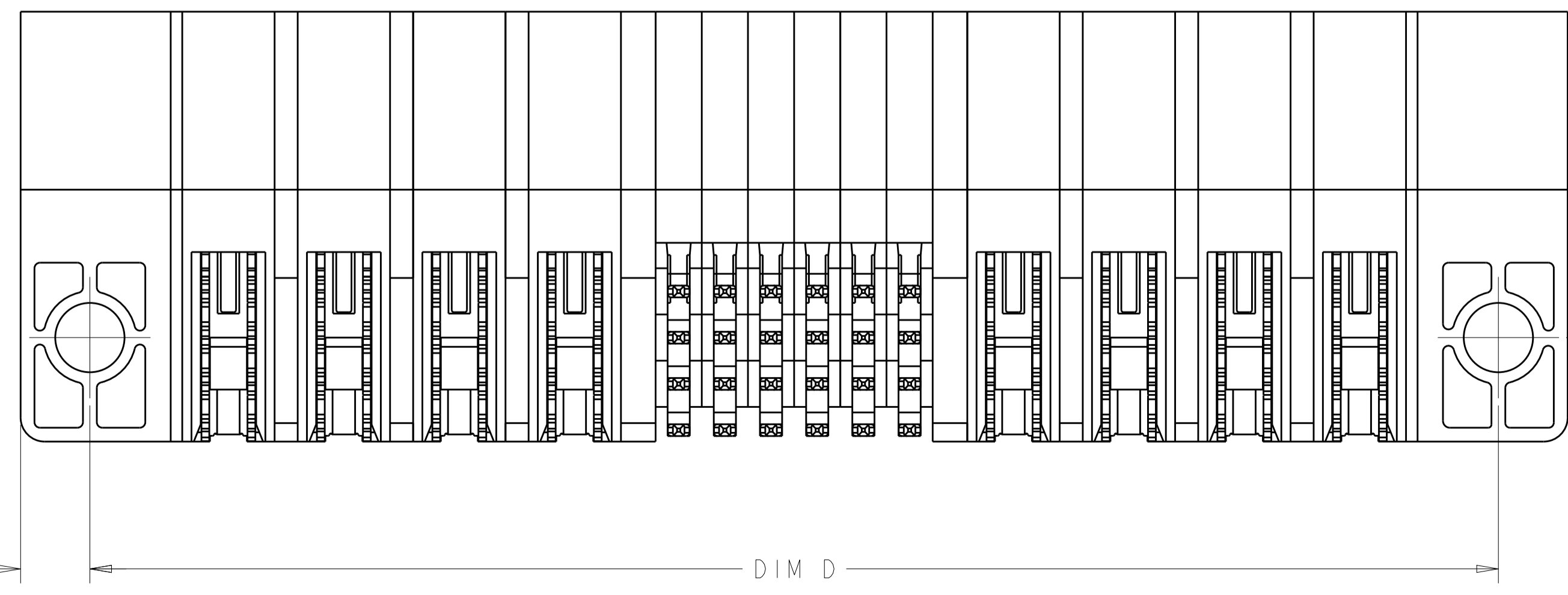
LOC		DIST		REVISIONS			
ES	00	REV	DATE	BY	CHK	APPV	
C8		REV PER ECR-13-004179	07MAR2013	CZ	SZ		
C9		REVISED	27MAY2013	CZ	SZ		



- 1 PART NUMBER, AND DATE CODE MARKED IN AREA SHOWN.
- 2 MATERIAL:  
 HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-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 - 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



WITH	WITHOUT	DIM T	DIM S	DIM R	DIM W	DIM L	DIM U	DIM D	DIM K	DESCRIPTION	PART NUMBER
.250	.250	2.250	1.875	3.450	3.100	3.150	.450	6P + 12S + 4P	1-6450530-4		
.250	.250	2.950	1.375	4.150	3.800	3.850	.450	4P + 60S + 4P	1-6450530-3		
.250	.250	1.550	.875	2.250	1.900	1.950	.450	2P + 24S + 2P	1-6450530-1		
.250	.250	2.000	1.125	2.950	2.600	2.650	.450	3P + 32S + 3P	6450530-9		
-	-	1.425	.700	1.925	1.575	1.625	.475	1P + 24S + 1P	6450530-8		
.250	.250	2.150	1.425	3.350	3.000	3.050	.450	4P + 24S + 4P	6450530-7		
.250	.300	1.750	1.275	3.950	3.600	3.650	.475	3ACP + 16S + 8P	6450530-6		
.250	.250	1.550	.875	2.250	1.900	1.950	.450	2P + 24S + 2P	6450530-5		
.250	.250	1.550	.875	2.250	1.900	1.950	.450	2P + 24S + 2P	6450530-4		
-	-	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. DWN: CECILY.ZHOU 31JUL2006  
 CHK: S.YAO 31JUL2006

DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PLC ±.01  
 1 PLC ±.01  
 2 PLC ±.01  
 3 PLC ±.005  
 4 PLC ±.002  
 ANGLES ±.020

MATERIAL: FINISH: 3

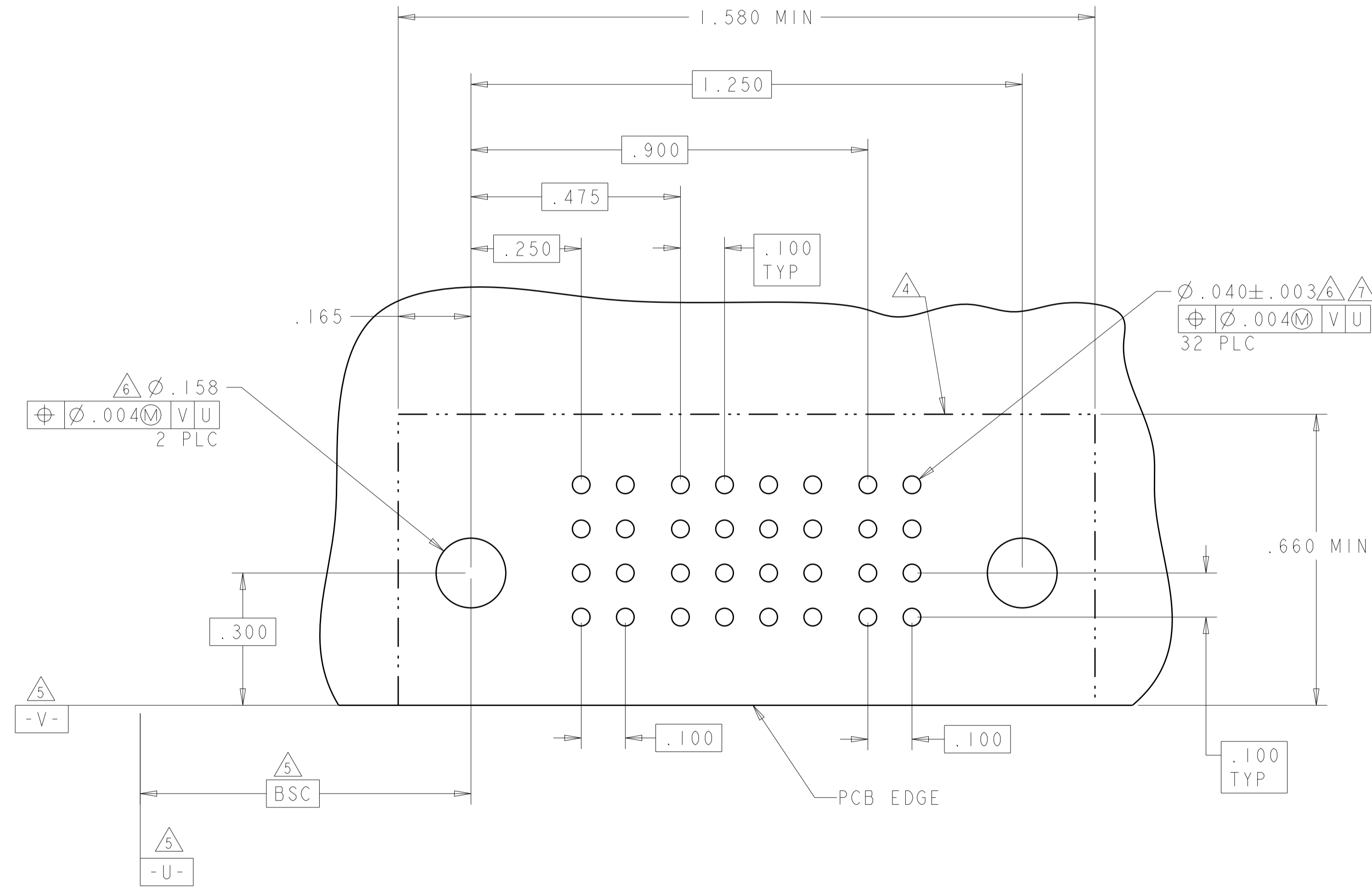
APVD: S.YAO  
 NAME: S.YAO  
 PRODUCT SPEC: 108-1973  
 APPLICATION SPEC: 114-13038  
 WEIGHT: 114-13038

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

STE TE Connectivity  
 RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL  
 A100779C=6450530

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-

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



ROW	DESCRIPTION	TAIL LENGTH	CODE
-	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

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: CECILY.ZHOU 31JUL2006  
 CHK: S.YAO 31JUL2006

**STE** TE Connectivity

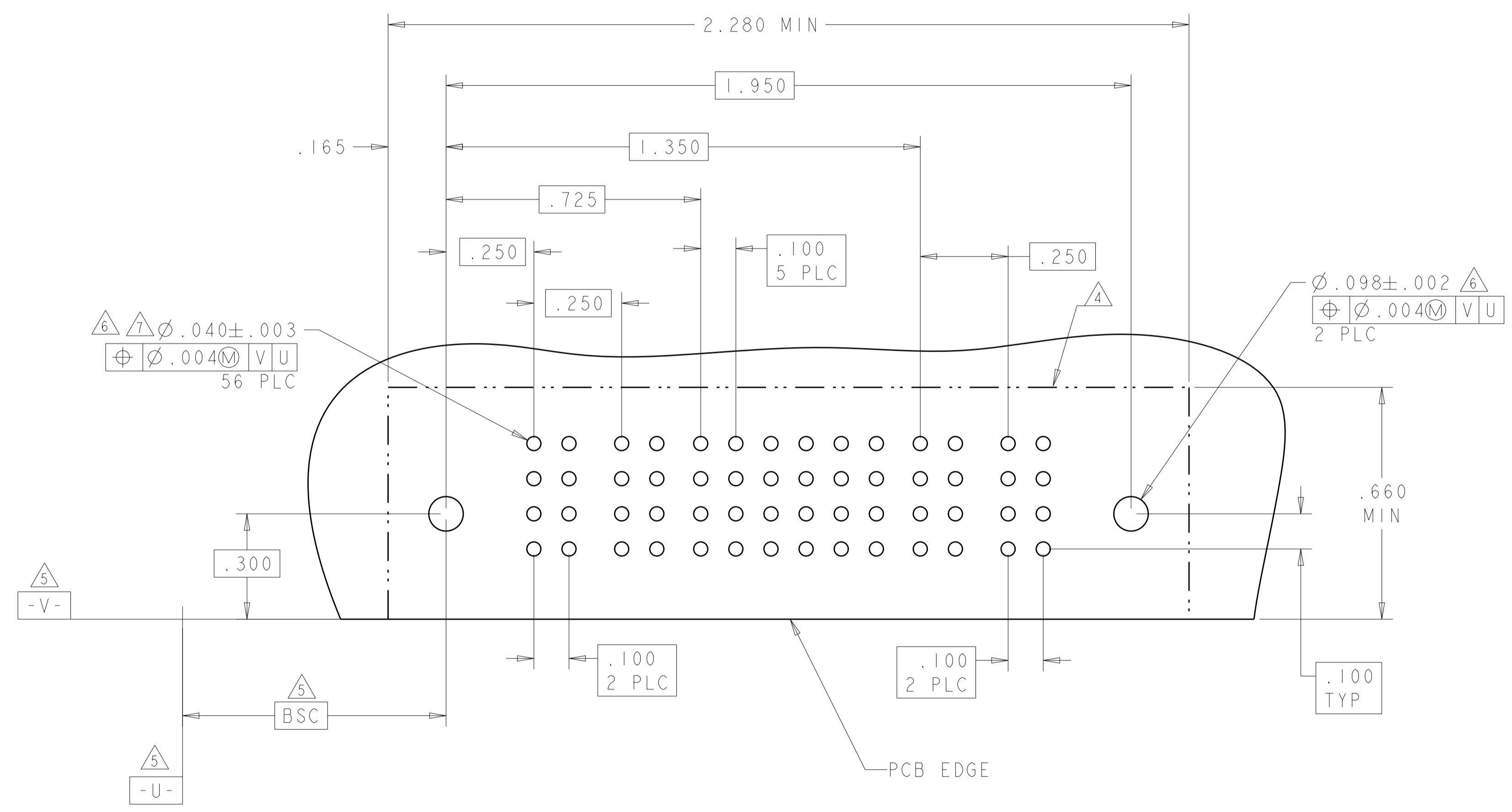
RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL

APVD: S.YAO  
 PRODUCT SPEC: 108-1973  
 APPLICATION SPEC: 114-13038  
 WEIGHT: -  
 CUSTOMER DRAWING

SCALE: 4:1 SHEET 2 OF 11 REV: C9

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	SEE SHEET 1			

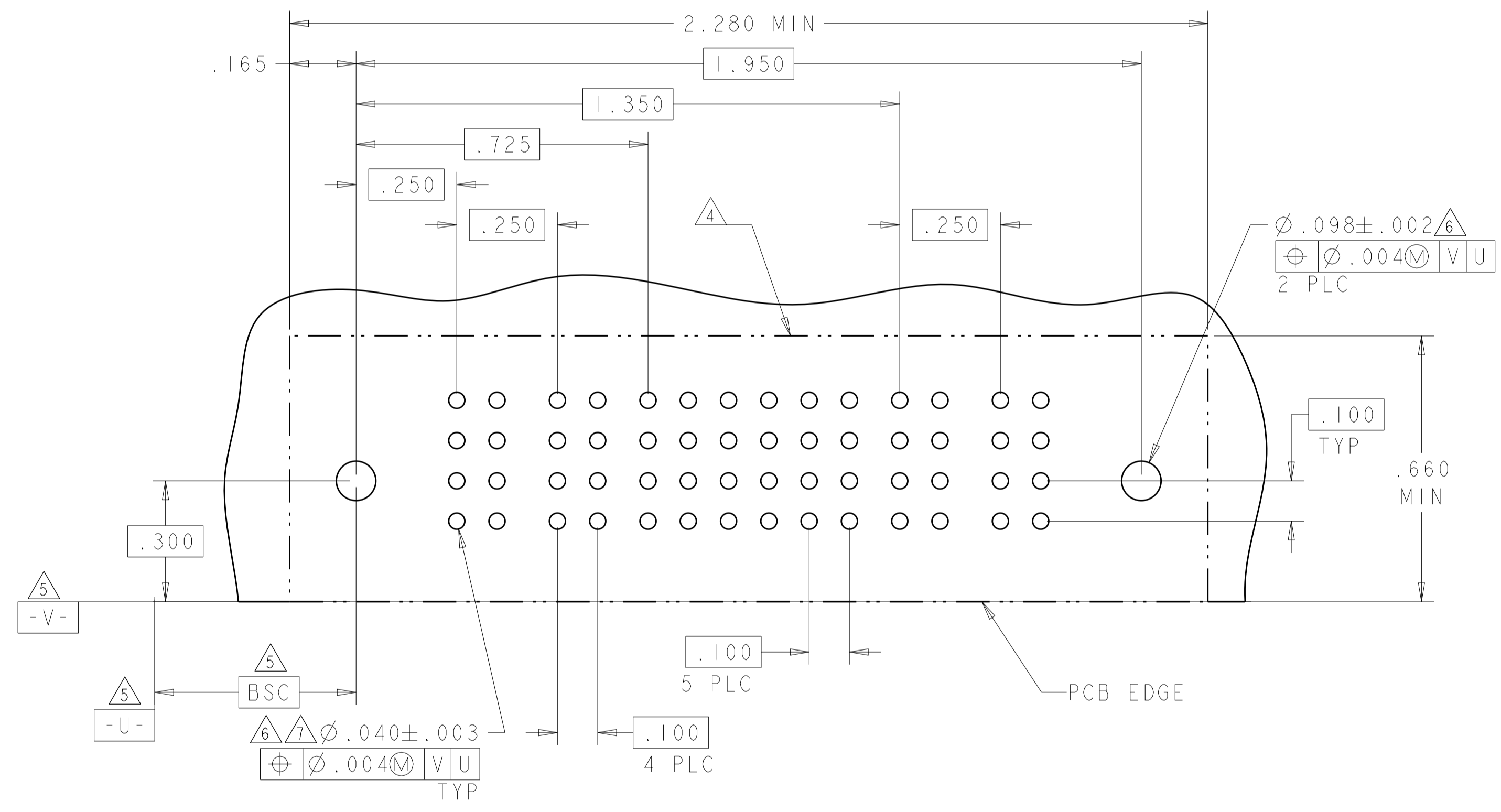
PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P3	P4
6450530-4	D	PT	PT	Z5	Z5	Z5	Z5	Z5	Z5	PT	PT
	C			Y5	Y5	Y5	Y5	Y5	Y5		
	B			R5	R5	R5	R5	R5	R5		
	A			01	05	05	05	05	01		
2P + 24S + 2P		HD									HD



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: GECILY.ZHOU 31JUL2006	TE Connectivity
DIMENSIONS: INCHES		CHK: S.YAO 31JUL2006	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		APVD: S.YAO	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL
MATERIAL: -		FINISH: -	PRODUCT SPEC: 108-1973
SCALE: 4:1		WEIGHT: -	APPLICATION SPEC: 114-13038
SHEET 3 OF 11		CUSTOMER DRAWING	RESTRICTED TO: A100779C=6450530
REV: C9			

LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

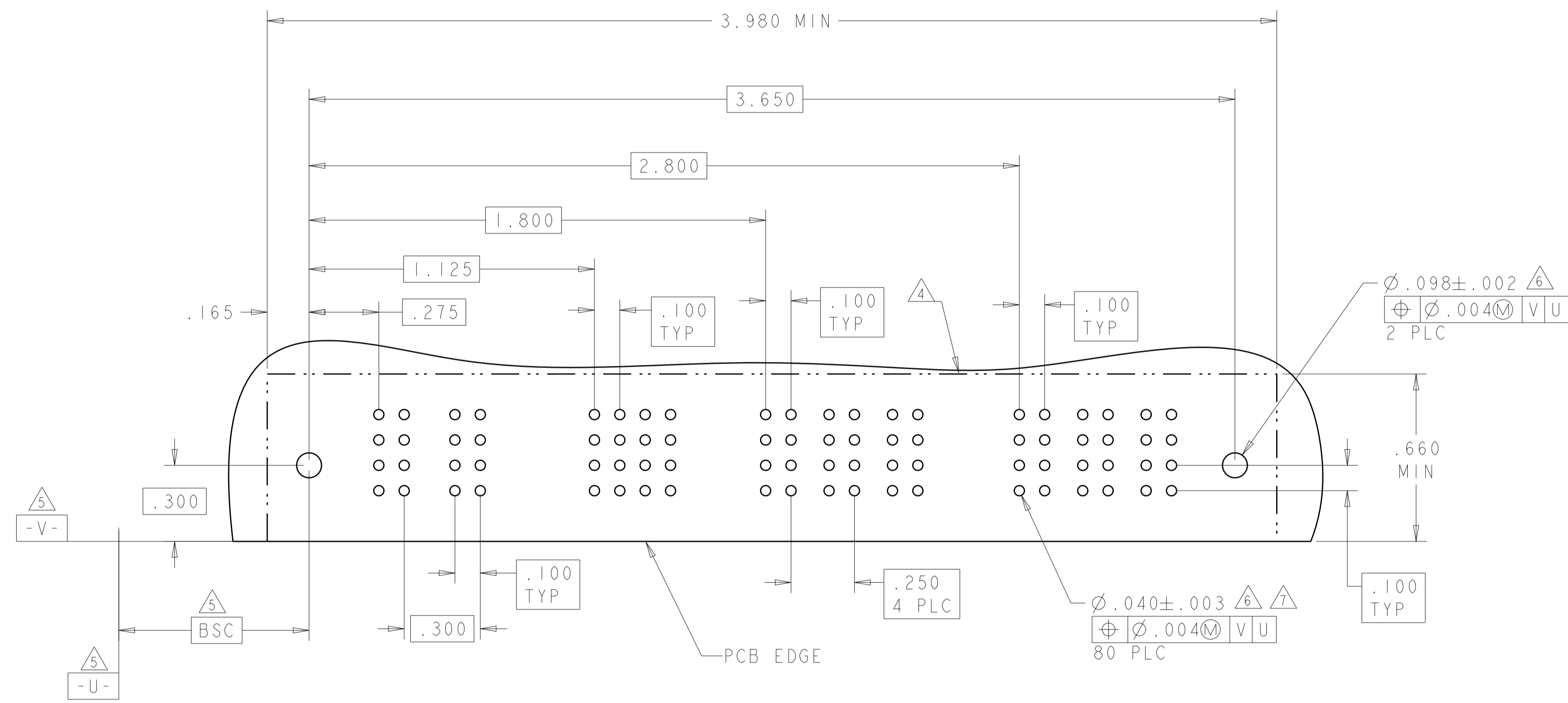
PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P3	P4
6450530-5	D C B A	PT	PT	Z1	Z5	Z5	Z5	Z5	Z1	PT	PT
				Y5	Y5	Y5	Y5	Y5	Y5		
				R5	R5	R5	R5	R5	R5		
				O5	O5	O5	O5	O5	O5		
2P + 24S + 2P		HD	HD							HD	HD



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: CECILY.ZHOU 31JUL2006	TE Connectivity
DIMENSIONS: INCHES		CHK: S.YAO 31JUL2006	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		APVD: S.YAO	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL
MATERIAL: -		FINISH: -	PRODUCT SPEC: 108-1973
SCALE: 4:1		SIZE: A1	APPLICATION SPEC: 114-13038
SHEET: 4 OF 11		WEIGHT: -	RESTRICTED TO: -
REV: C9		CAGE CODE: 100779	DRAWING NO: 6450530
CUSTOMER DRAWING		SCALE: 4:1 SHEET: 4 OF 11 REV: C9	

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

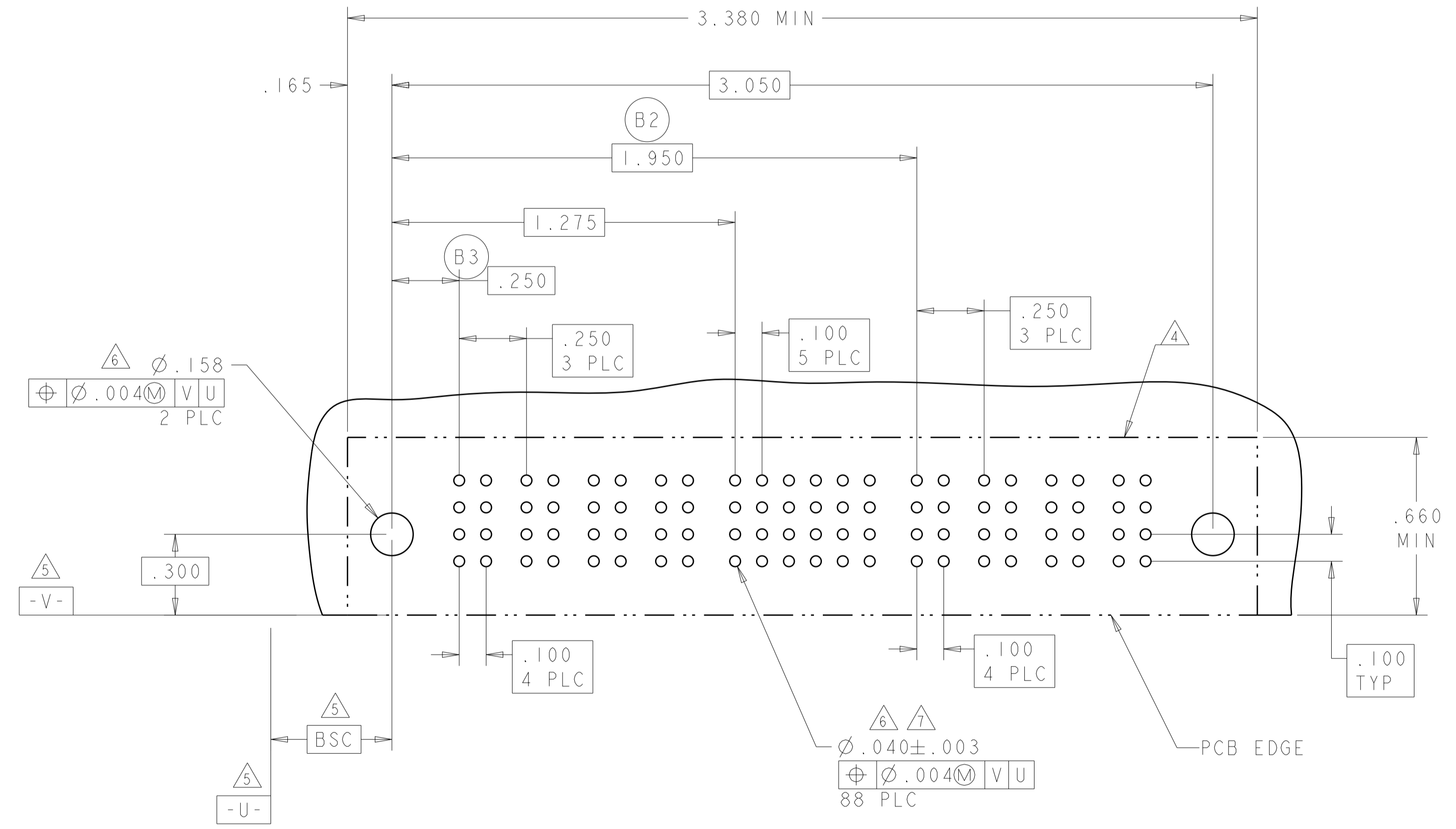
PART NUMBER	ROWS	POWER			SIGNAL				POWER								
		P1	P2	P3	1	2	3	4	P4	P5	P6	P7	P8	P9	P10	P11	
6450530-6	D		PT	PT		Z5	Z5	Z5	Z5		PT	PT	PT		PT	PT	PT
	C					Y5	Y5	Y5	Y5								
	B					R5	R5	R5	R5								
	A					O5	O5	O5	O5								
3ACP + 16S + 8P																	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: CECILY, ZHOU 31 JUL 2006 CHK: S. YAO 31 JUL 2006		<b>STE</b> TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:			
		0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - MATERIAL: - FINISH: -	
MATERIAL: -		FINISH: -		SIZE: A100779 CAGE CODE: C=6450530 DRAWING NO: - RESTRICTED TO: -	
CUSTOMER DRAWING				SCALE: 4:1 SHEET 5 OF 11 REV: C9	

LOC		DIST		REVISIONS			
ES	00	P	LTH	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
	C					Y5	Y5	Y5	Y5	Y5	Y5				
	B					R5	R5	R5	R5	R5	R5				
	A					O5	O5	O5	O5	O5	O5				
4P + 24S + 4P															



THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: CECILY.ZHOU 31JUL2006  
 CHK: S.YAO 31JUL2006

TE Connectivity

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

NAME: S. YAO  
 PRODUCT SPEC: 108-1973  
 APPLICATION SPEC: 114-13038  
 WEIGHT: -  
 MATERIAL: -  
 FINISH: -

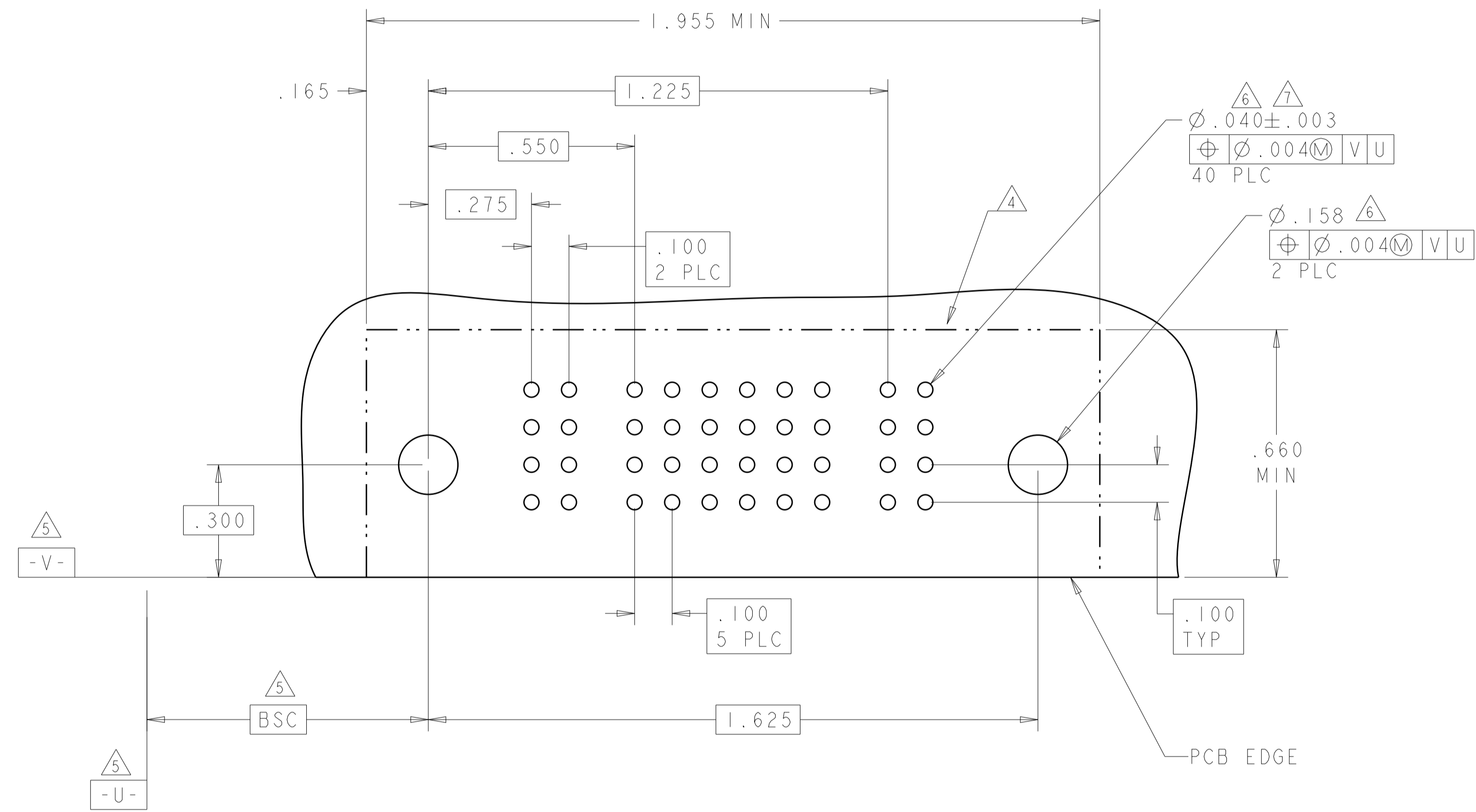
APVD: S. YAO  
 PRODUCT SPEC: 108-1973  
 APPLICATION SPEC: 114-13038  
 WEIGHT: -  
 MATERIAL: -  
 FINISH: -

SIZE: A1  
 CAGE CODE: 6450530  
 DRAWING NO: 6450530  
 CUSTOMER DRAWING

SCALE: 4:1  
 SHEET: 6 OF 11  
 REV: C9

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

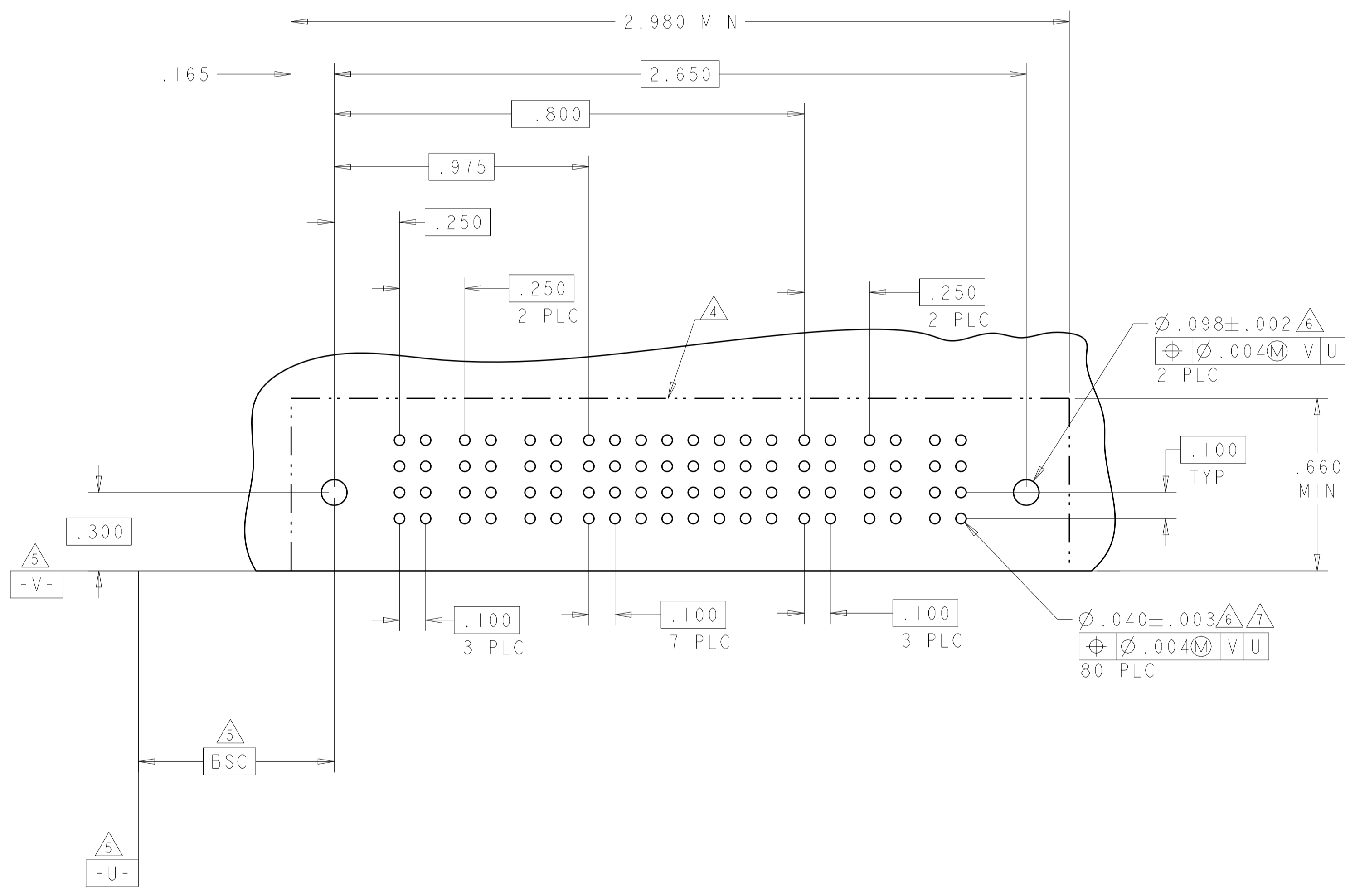
PART NUMBER	ROWS		POWER		SIGNAL						POWER	
			P1	P2	1	2	3	4	5	6	P1	P2
6450530-8	D C B A		PT	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	PT
				Y5	Y5	Y5	Y5	Y5	Y5	Y5		
				R5	R5	R5	R1	R5	R5	R5		
IP + 24S + IP				05	05	05	05	05	05	05	05	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: CECILY.ZHOU 31JUL2006	TE Connectivity
		CHK: S.YAO 31JUL2006	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: S.YAO	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL
INCHES	0 PLC ± .01 1 PLC ± .01 2 PLC ± .01 3 PLC ± .005 4 PLC ± .002 ANGLES ± .2°	PRODUCT SPEC: 108-1973	RESTRICTED TO: -
MATERIAL: -	FINISH: -	APPLICATION SPEC: 114-13038	SIZE: A1
		WEIGHT: -	CAGE CODE: 6450530
		CUSTOMER DRAWING	SCALE: 4:1 SHEET 7 OF 11 REV: C9

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER			SIGNAL								POWER		
		P1	P2	P3	1	2	3	4	5	6	7	8	P4	P5	P6
6450530-9	D	PT	PT	PT	Z1	Z1	Z1	Z1	Z1	Z1	Z1	Z1	PT	PT	PT
	C				Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1			
	B				R1	R1	R1	R1	R1	R1	R1	R1			
	A				O1	O1	O1	O1	O1	O1	O1	O1			
3P + 32S + 3P		HD													HD

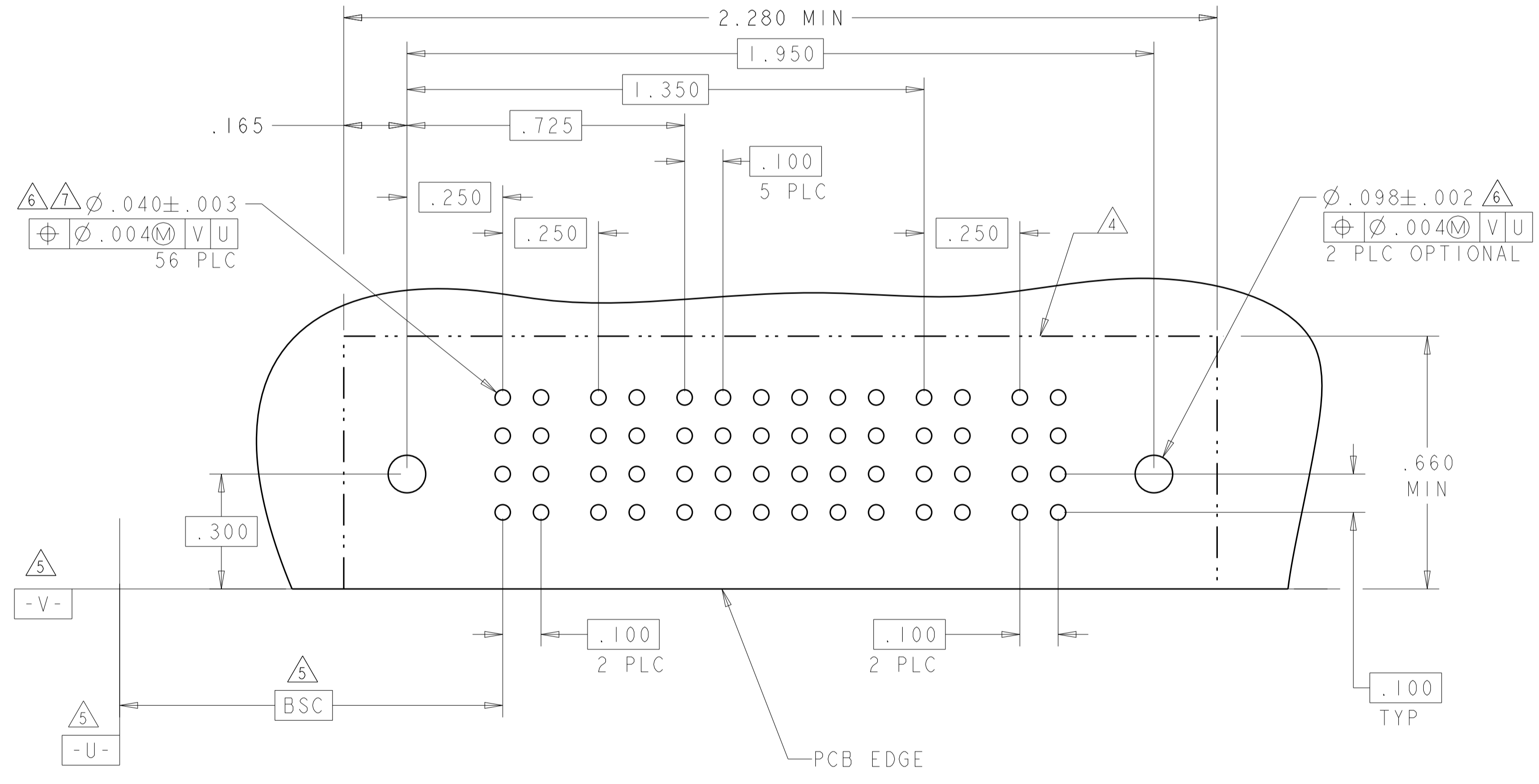


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: CECILY.ZHOU 31JUL2006	TE Connectivity
DIMENSIONS: INCHES		CHK: S.YAO 31JUL2006	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7° FINISH		APVD: S.YAO	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL
MATERIAL: -		PRODUCT SPEC: 108-1973	SIZE: A1
CUSTOMER DRAWING		APPLICATION SPEC: 114-13038	CAGE CODE: 100779
SCALE: 4:1		WEIGHT: -	DRAWING NO: 6450530
SHEET 8 OF 11		REV: C9	



LOC		DIST		REVISIONS				
P	LTN	DESCRIPTION	DATE	DMN	APVD			
-	-	SEE SHEET 1	-	-	-			

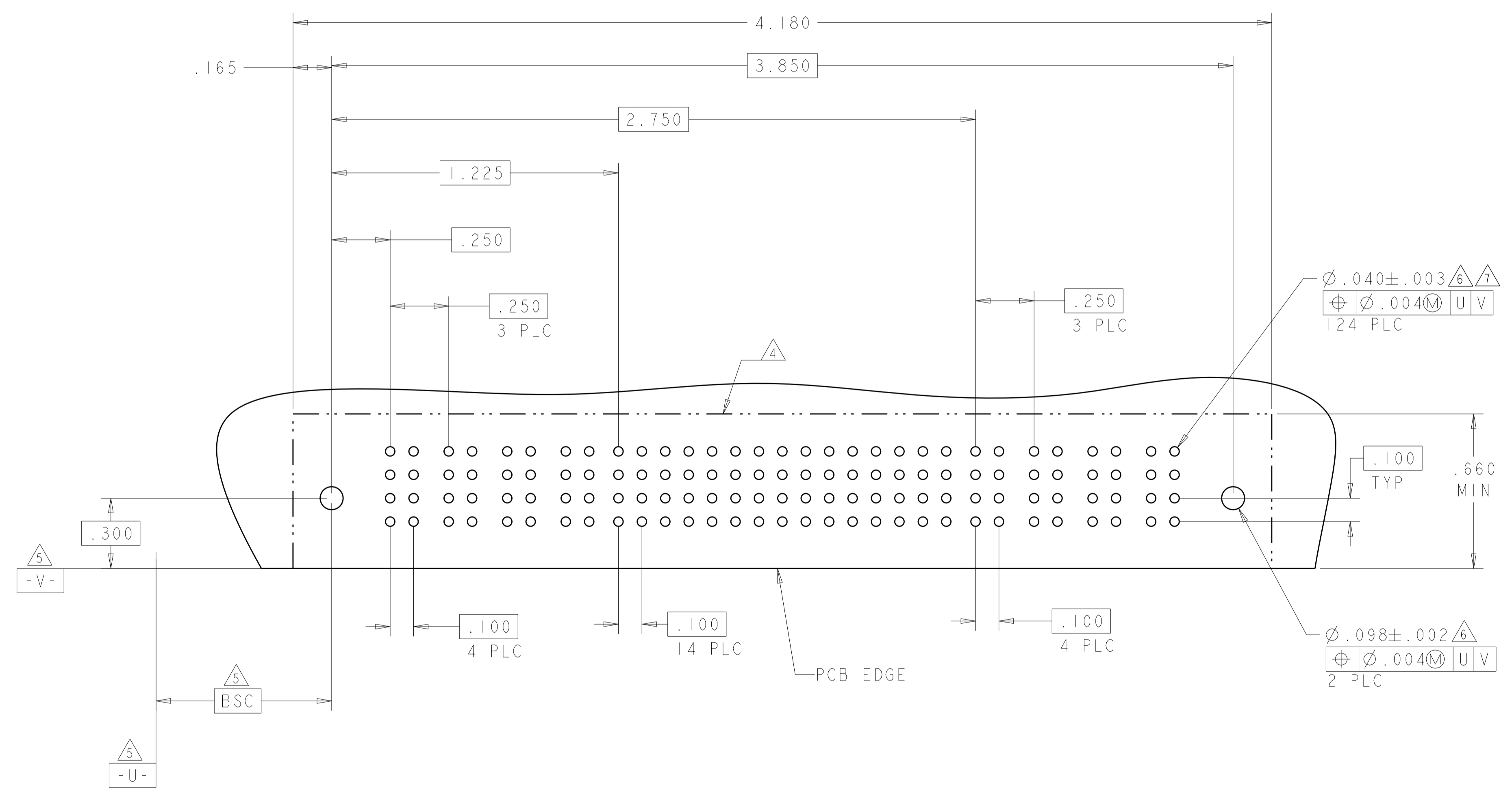
PART NUMBER	ROWS	POWER		SIGNAL						POWER		
		P1	P2	1	2	3	4	5	6	P3	P4	
I-6450530-1	D C B A	PT	PT	Z1	Z1	Z1	Z1	Z1	Z1	PT	PT	
				Y1	Y5	Y5	Y5	Y5	Y1			
				R1	R5	R5	R5	R5	R1			
				05	05	05	05	05	05			
2P + 24S + 2P												



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: CECILY.ZHOU 31JUL2006	TE Connectivity
DIMENSIONS: INCHES		CHK: S.YAO 31JUL2006	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		APVD: S.YAO	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL
MATERIAL: -		FINISH: -	PRODUCT SPEC: 108-1973
			APPLICATION SPEC: 114-13038
			SIZE: A1
			CAGE CODE: 00779
			DRAWING NO: 6450530
			RESTRICTED TO: -
			CUSTOMER DRAWING
			SCALE: 4:1
			SHEET: 9 OF 11
			REV: C9

LOC	DIST	REVISIONS			
ES	00	REV	DATE	BY	APPD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER				SIGNAL															POWER					
		P1	P2	P3	P4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	P5	P6	P7	P8		
I-6450530-3	D	C	PT	PT	PT	Z5	Z1	Z1	Z1	Z1	Z1	Z1	Z1	Z1	Z1	Z1	Z1	Z1	Z1	Z5	PT	PT	PT	PT		
	Y5					Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1					Y5	
	R5					R1	R1	R1	R1	R1	R1	R1	R1	R1	R1	R1	R1	R1	R1	R1					R1	R5
	O5					O1	O1	O1	O1	O1	O1	O1	O1	O1	O1	O1	O1	O1	O1	O1					O1	O5
4P + 60S + 4P		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		

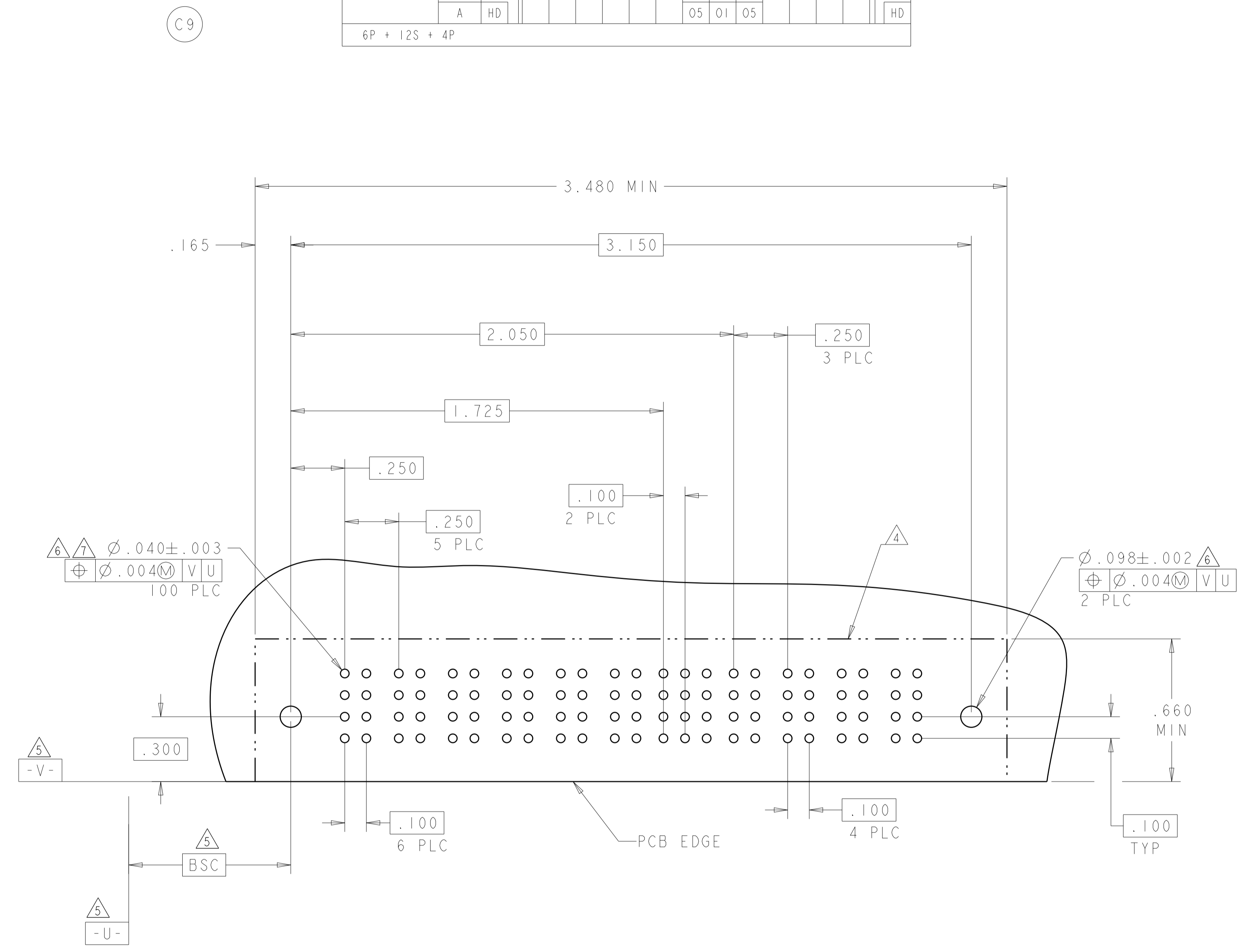


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: CECILY.ZHOU 31JUL2006	TE Connectivity
DIMENSIONS: INCHES		CHK: S.YAO 31JUL2006	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		APVD: S.YAO	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL
MATERIAL: .		FINISH: .	PRODUCT SPEC: 108-1973
SCALE: 4:1		SHEET 10 OF 11	APPLICATION SPEC: 114-13038
CUSTOMER DRAWING		WEIGHT: .	RESTRICTED TO: A100779C=6450530
REV: C9		DATE: .	REV: .

LOC	DIST	REVISIONS			
P	LTN	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							Z5	Z5	Z5				
	C							Y5	Y5	Y5				
	B	PT	PT	PT	PT	PT	PT	R5	R1	R5	PT	PT	PT	PT
	A	HD						O5	O1	O5				HD

6P + 12S + 4P



THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: CECILY.ZHOU 31 JUL 2006  
 CHK: S.YAO 31 JUL 2006

TE Connectivity

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

108-1973

114-13038

100779C=6450530

CUSTOMER DRAWING

SCALE 4:1 SHEET 11 OF 11 REV C9

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[1393532-3](#) [1393532-4](#) [1393557-1](#) [1600812-5](#) [1-6450861-2](#) [1645595-1](#) [1743490-1](#) [1744132-7](#) [1761122-1](#) [1766169-1](#) [1766250-1](#) [18362](#)  
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