



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

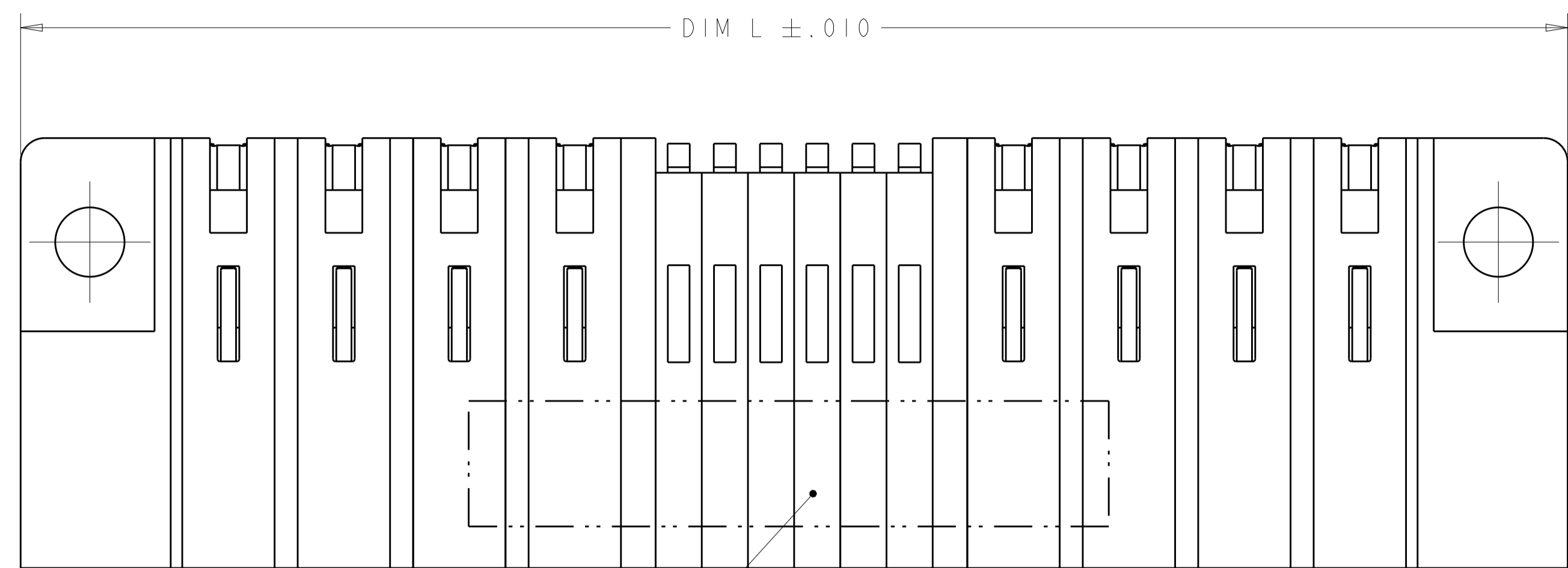
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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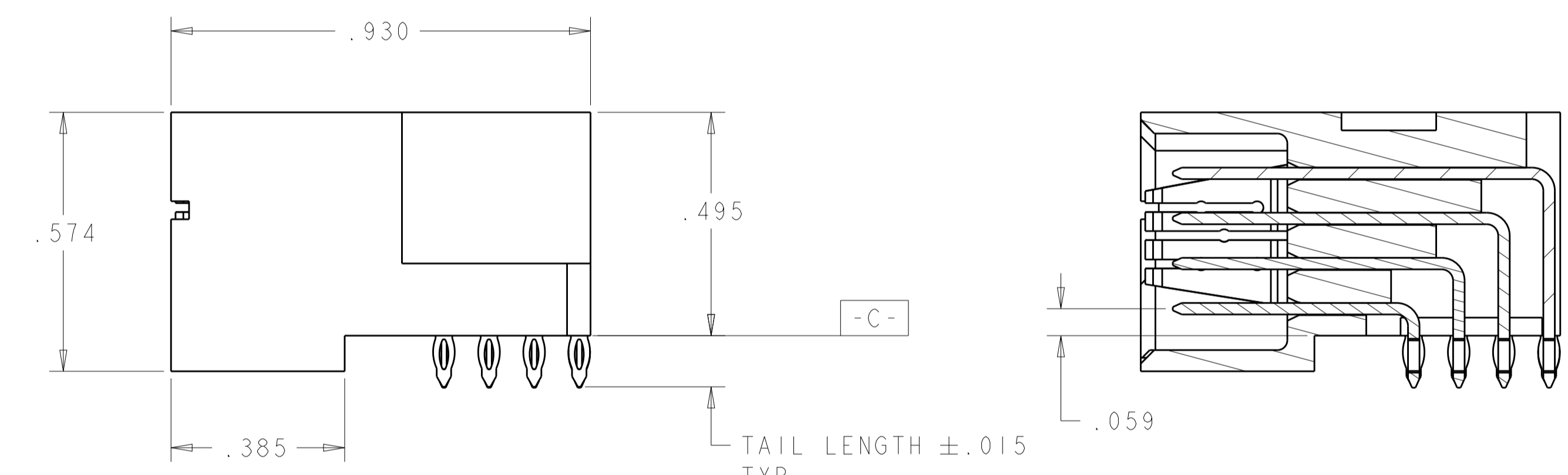
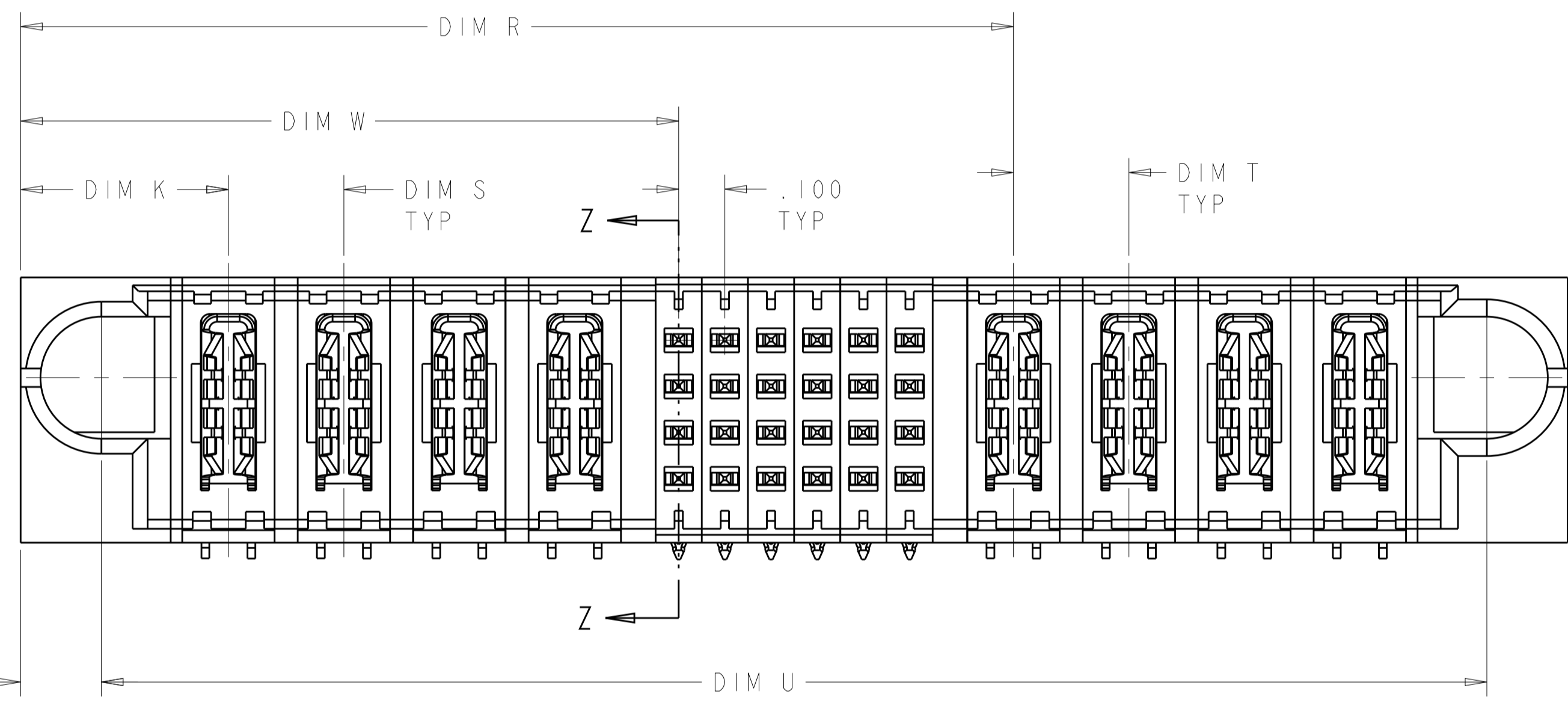
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



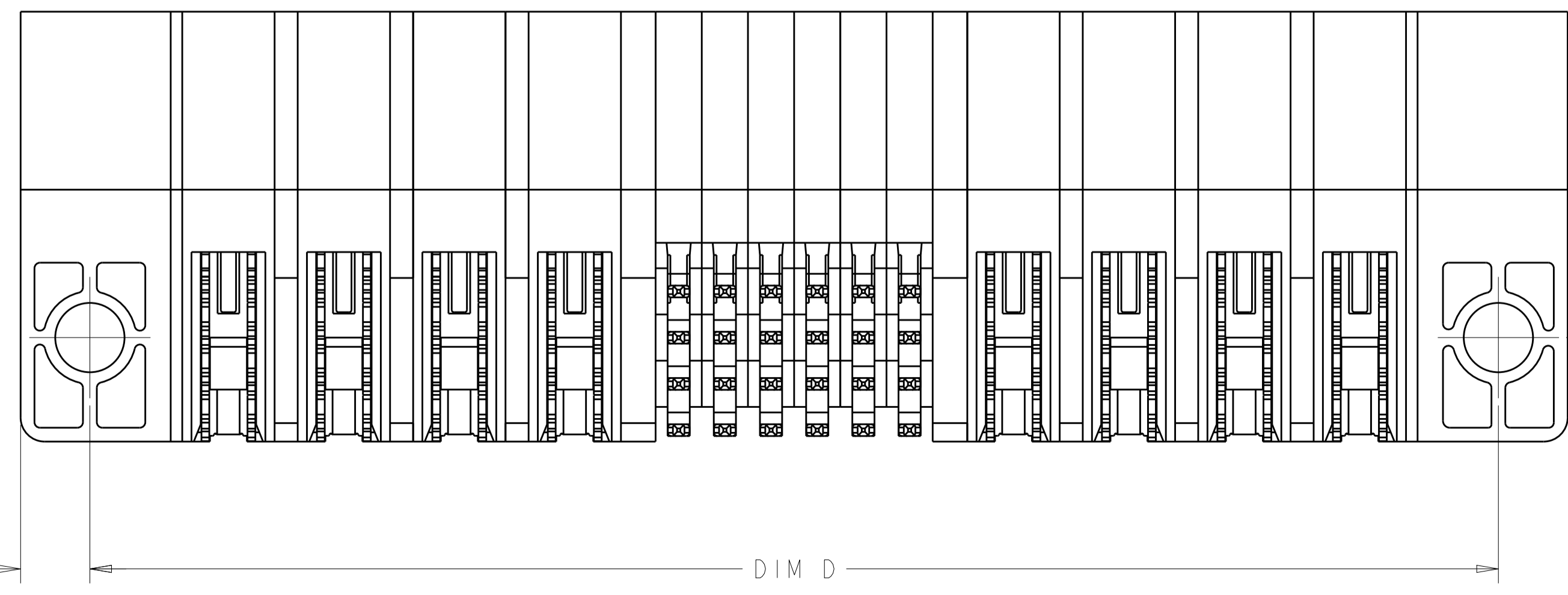
LOC	DIST	REVISIONS			
		REV	DATE	BY	CHK
ES	00	C8	REV PER ECR-13-004179	07MAR2013	CZ SZ
		C9	REVISED	27MAY2013	CZ SZ



- 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

.150 REF

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

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

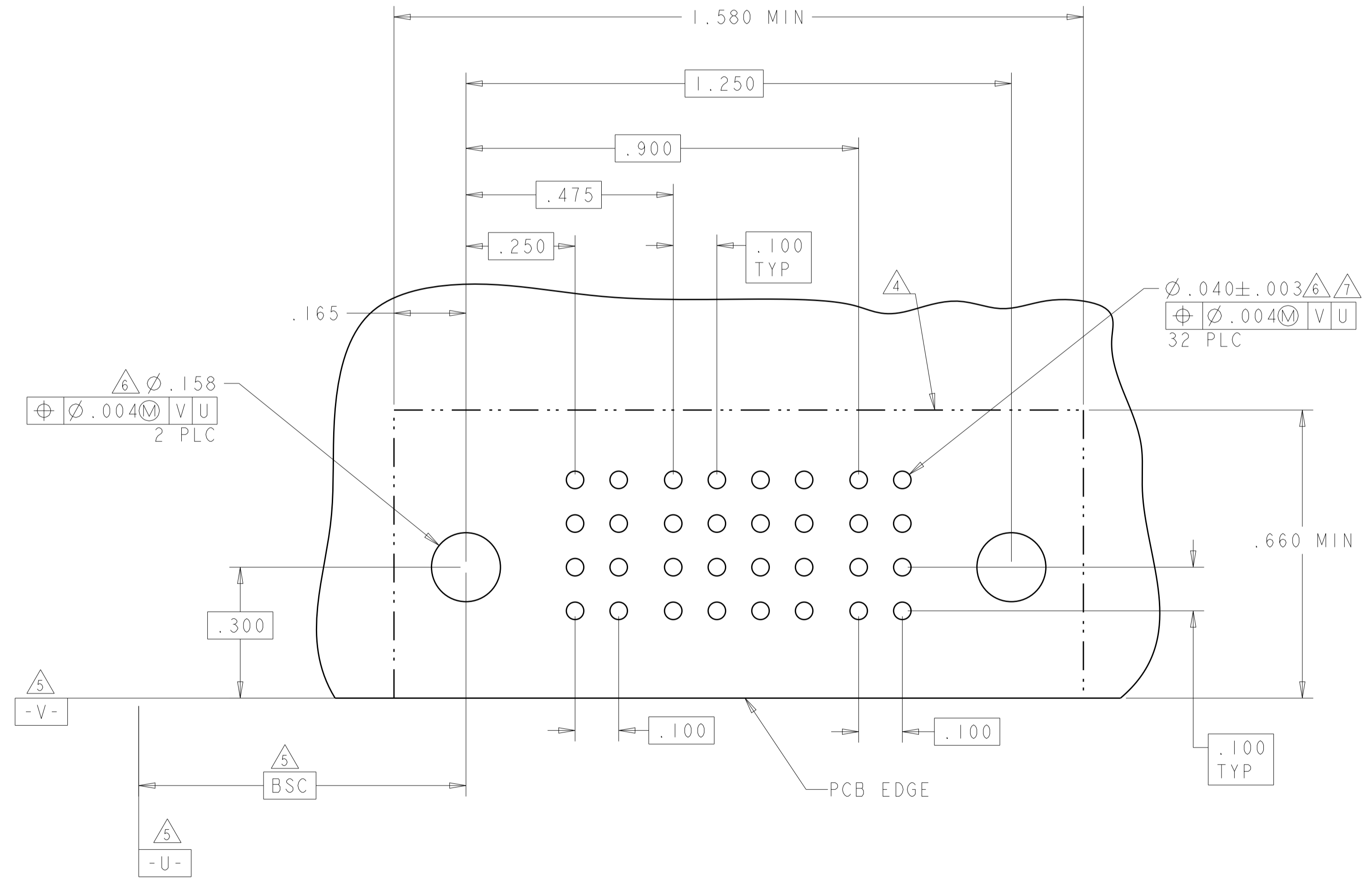
MATERIAL: FINISH:

DATE: 31JUL2006  
 NAME: S.YAO  
 PRODUCT SPEC: 108-1973  
 APPLICATION SPEC: 114-13038  
 WEIGHT: -  
 CUSTOMER DRAWING

**STE** TE Connectivity  
 RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL  
 SIZE: A100779 CAGE CODE: 6450530  
 SCALE: 4:1 SHEET 1 OF 11 REV: C9

LOC		DIST		REVISIONS			
ES	00	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. DWG: CECILY.ZHOU 31JUL2006  
 CHK: S.YAO 31JUL2006  
 APVD: S.YAO

**STE** TE Connectivity

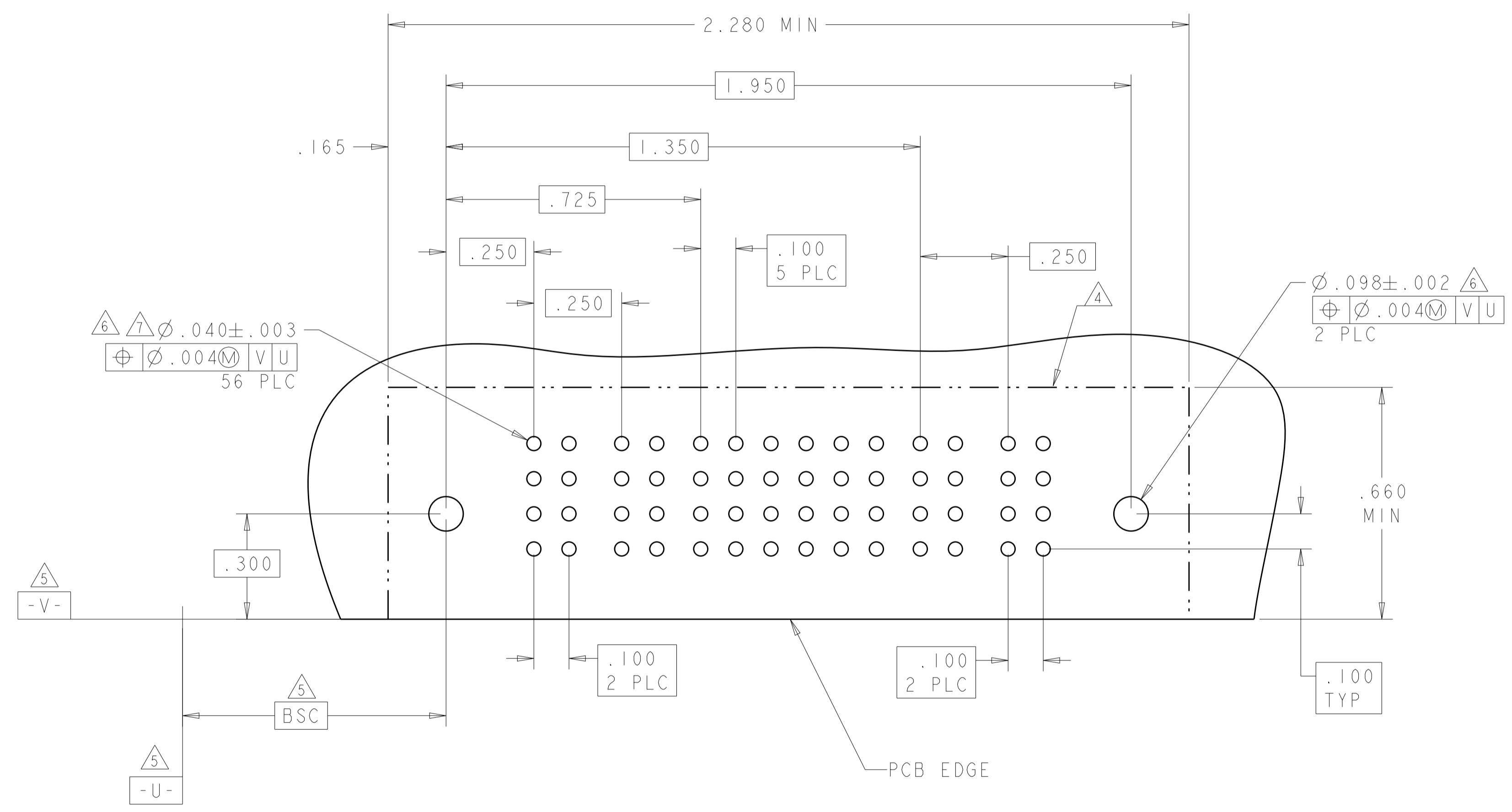
RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL

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
-	-	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		DATE: -	REV: -

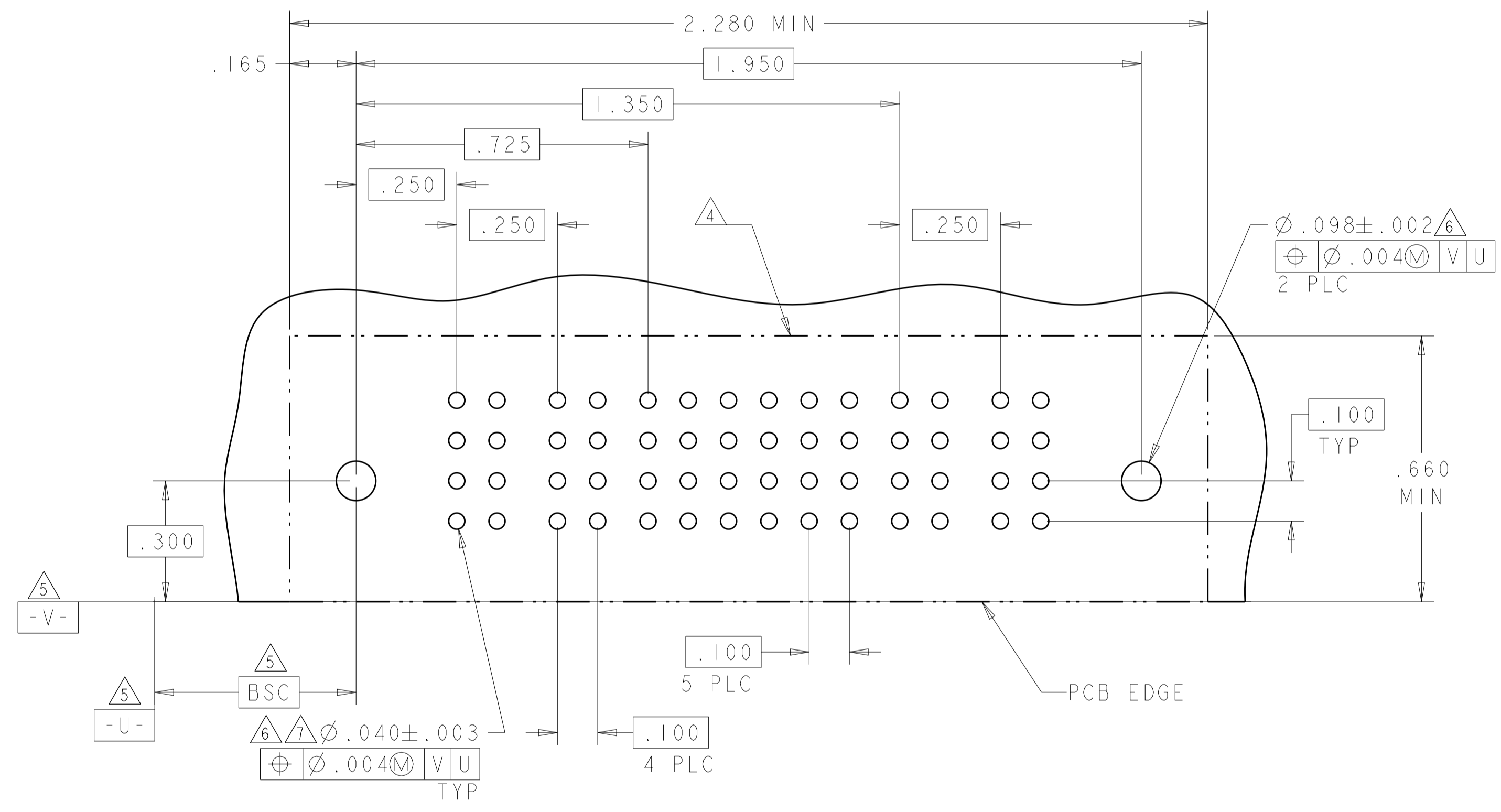
LOC	DIST	REV	DATE	BY	CHK	APPV
ES	00					

REVISIONS		DATE	BY	CHK	APPV
-	SEE SHEET 1	-	-	-	-

(C5)

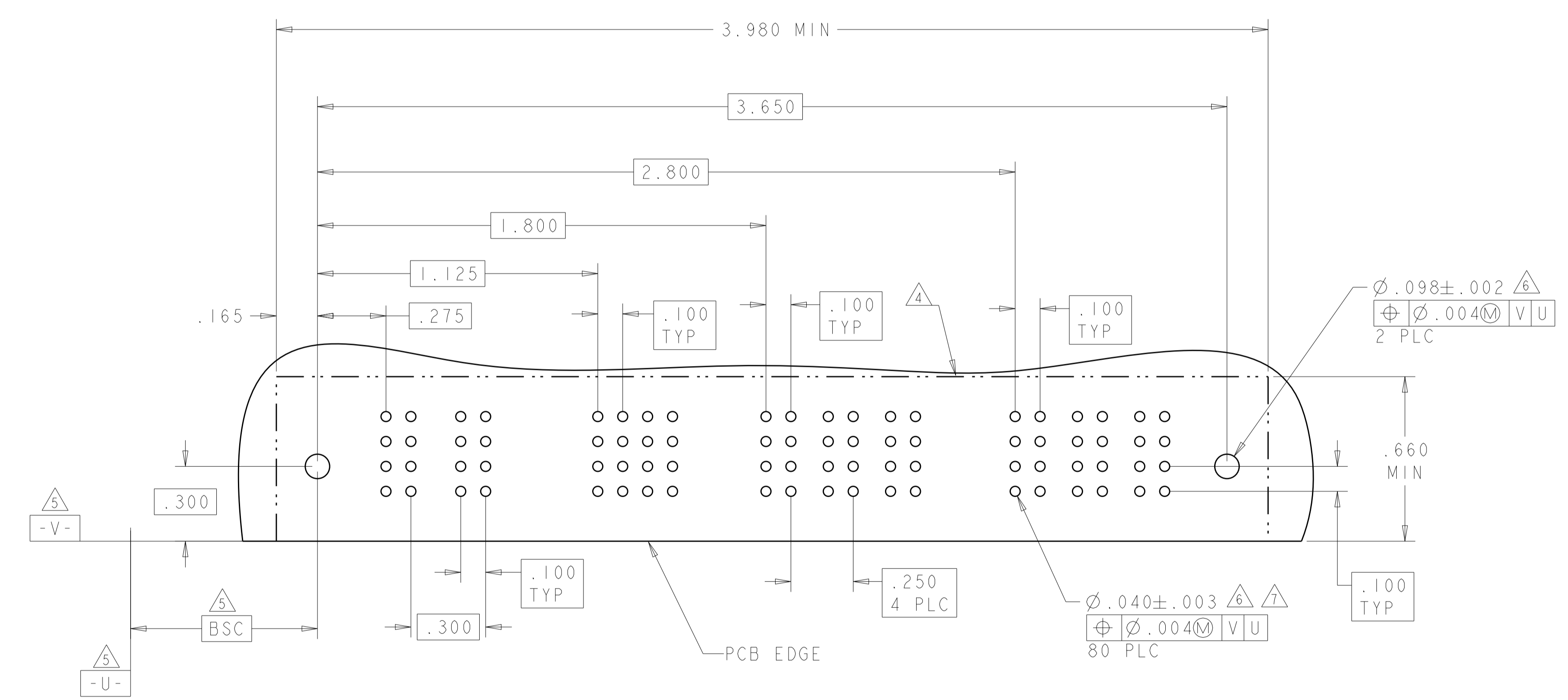
PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P3	P4
6450530-5	D	PT	PT	Z1	Z5	Z5	Z5	Z5	Z1	PT	PT
	C			Y5	Y5	Y5	Y5	Y5	Y5		
	B			R5	R5	R5	R5	R5	R5		
	A			O5	O5	O5	O5	O5	O5		
2P + 24S + 2P		HD								HD	



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

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

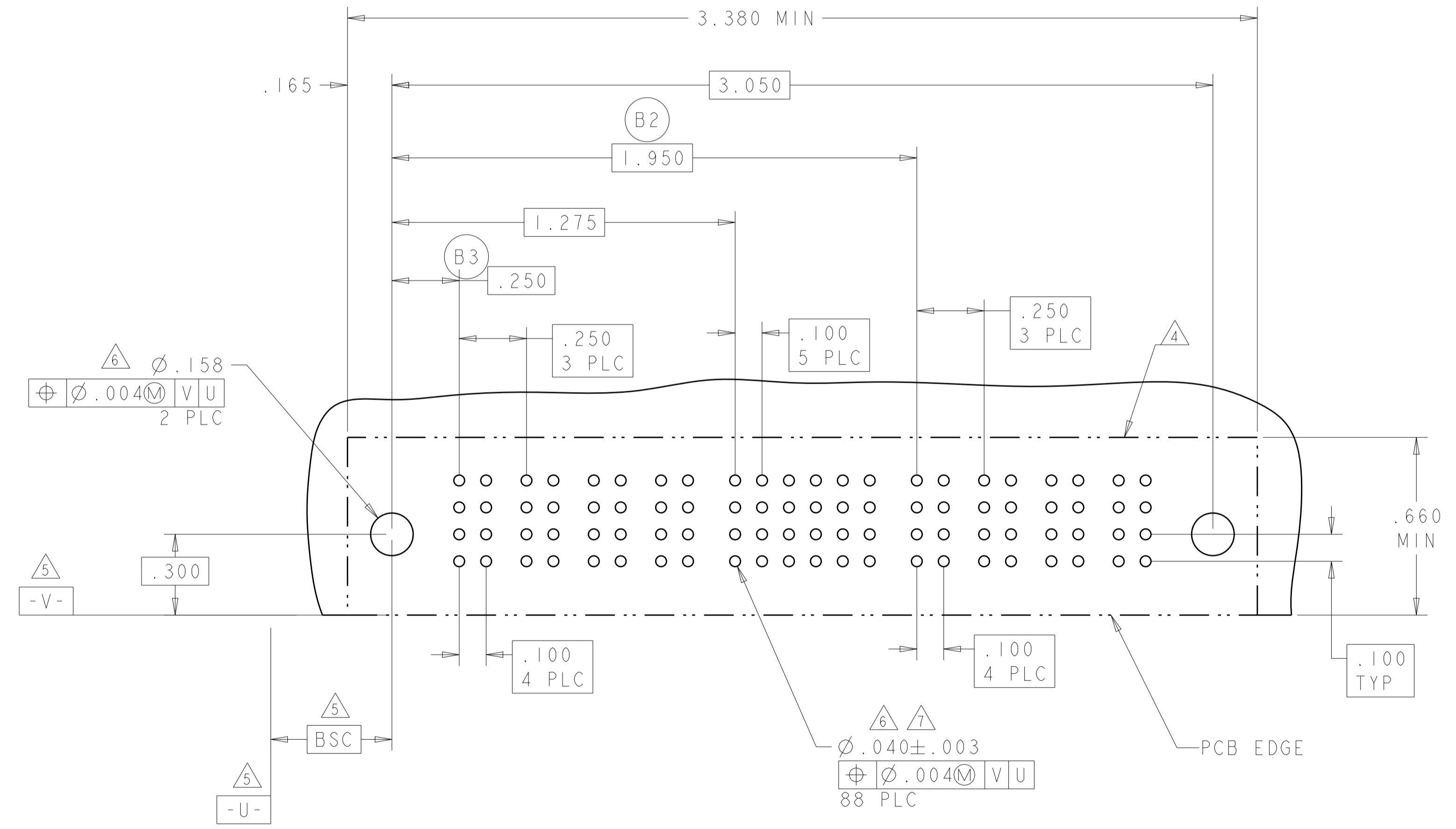
PART NUMBER	ROWS	POWER			SIGNAL				POWER							
		P1	P2	P3	1	2	3	4	P4	P5	P6	P7	P8	P9	P10	P11
6450530-6	D	PT	PT		Z5	Z5	Z5	Z5		PT	PT	PT		PT	PT	PT
	C				Y5	Y5	Y5	Y5								
	B				R5	R5	R5	R5								
	A				O5	O5	O5	O5								
3ACP + 16S + 8P		HD		HD												



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 PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL SIZE: A1 CAGE CODE: 100779 DRAWING NO: 6450530
MATERIAL: -		FINISH: -	RESTRICTED TO: - 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

SIZE: A1 CAGE CODE: 6450530 DRAWING NO: 108-1973

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

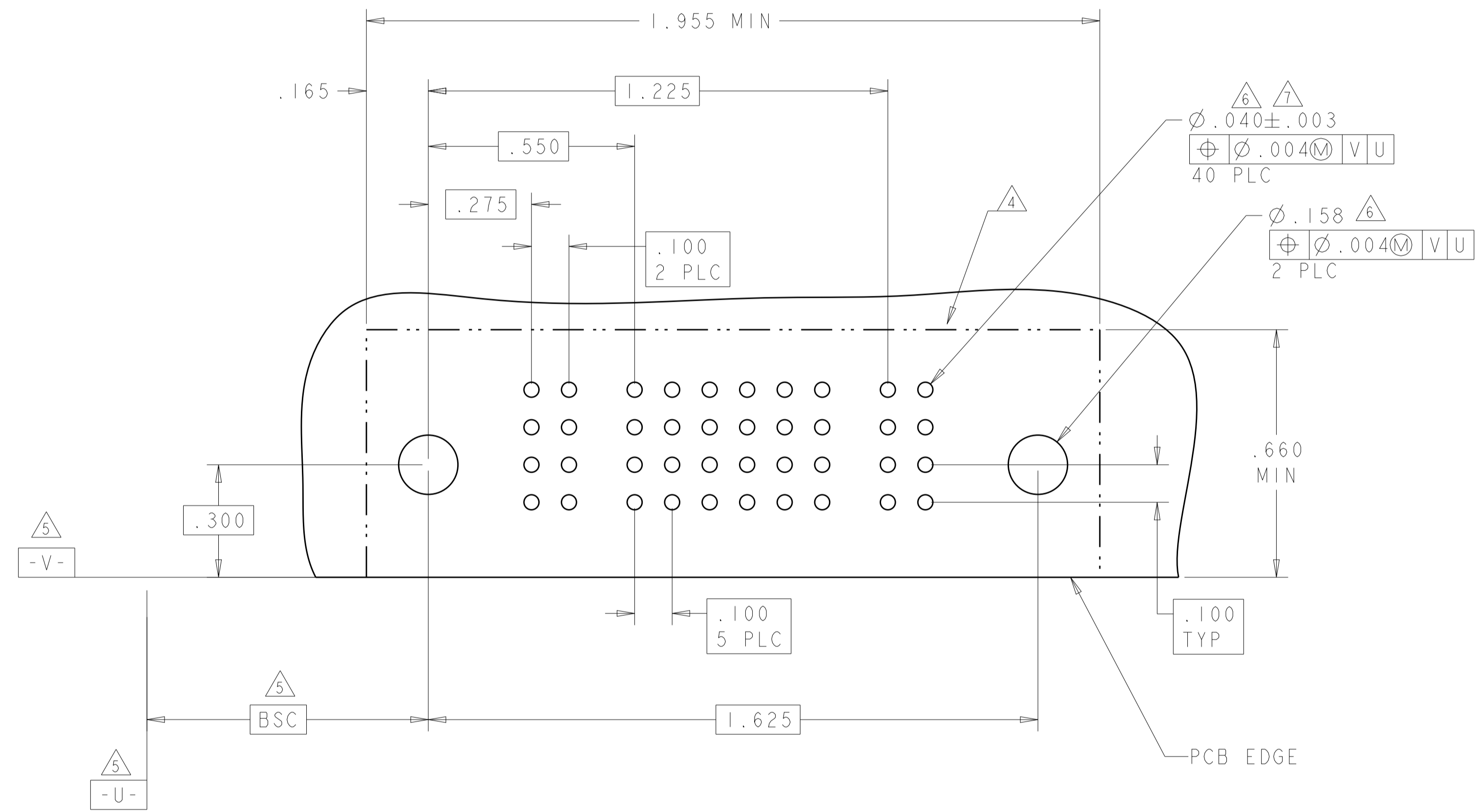
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
INCHES	0 PLC ± .01
	1 PLC ± .01
	2 PLC ± .01
	3 PLC ± .005
	4 PLC ± .002
	ANGLES ± .2°

MATERIAL: - FINISH: - WEIGHT: -

CUSTOMER DRAWING

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	PT	
					Y5	Y5	Y5	Y5	Y5	Y5			
					R5	R5	R5	R1	R5	R5			
					O5	O5	O5	O5	O5	O5			
IP + 24S + IP													

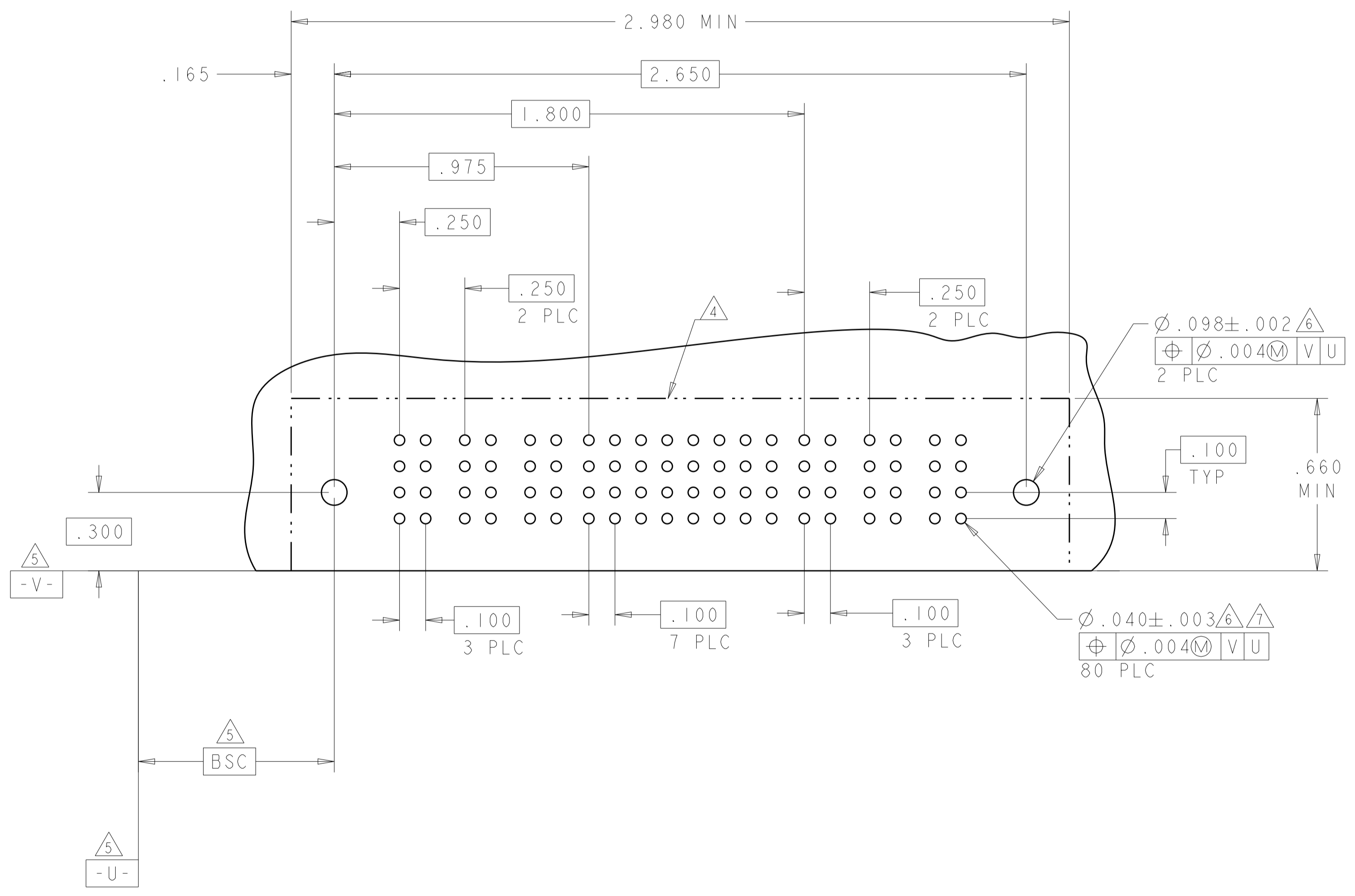


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: CECILY.ZHOU 31JUL2006	TE Connectivity
DIMENSIONS: INCHES		CHK: S.YAO 31JUL2006	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°		APVD: S.YAO	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL
MATERIAL: .		PRODUCT SPEC: 108-1973	SIZE: A1
FINISH: .		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450530
CUSTOMER DRAWING		WEIGHT: .	RESTRICTED TO: .
SCALE: 4:1		SHEET: 7 OF 11	REV: C9



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

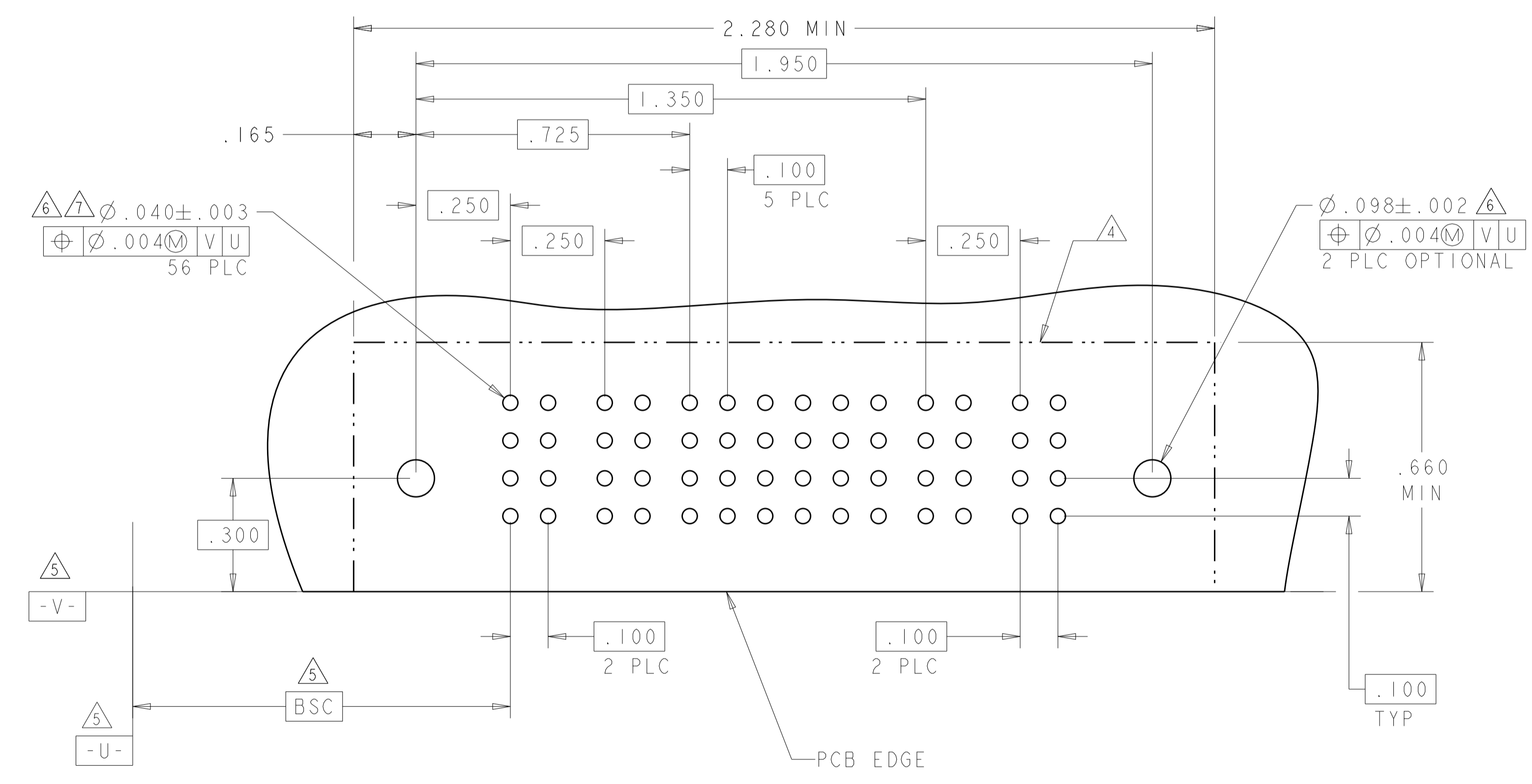
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	C				Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1			
	B				R1	R1	R1	R1	R1	R1	R1	R1			
	A				O1	O1	O1	O1	O1	O1	O1	O1			
3P + 32S + 3P		HD													HD



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 ±.2° 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		RESTRICTED TO: -	REV: C9

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

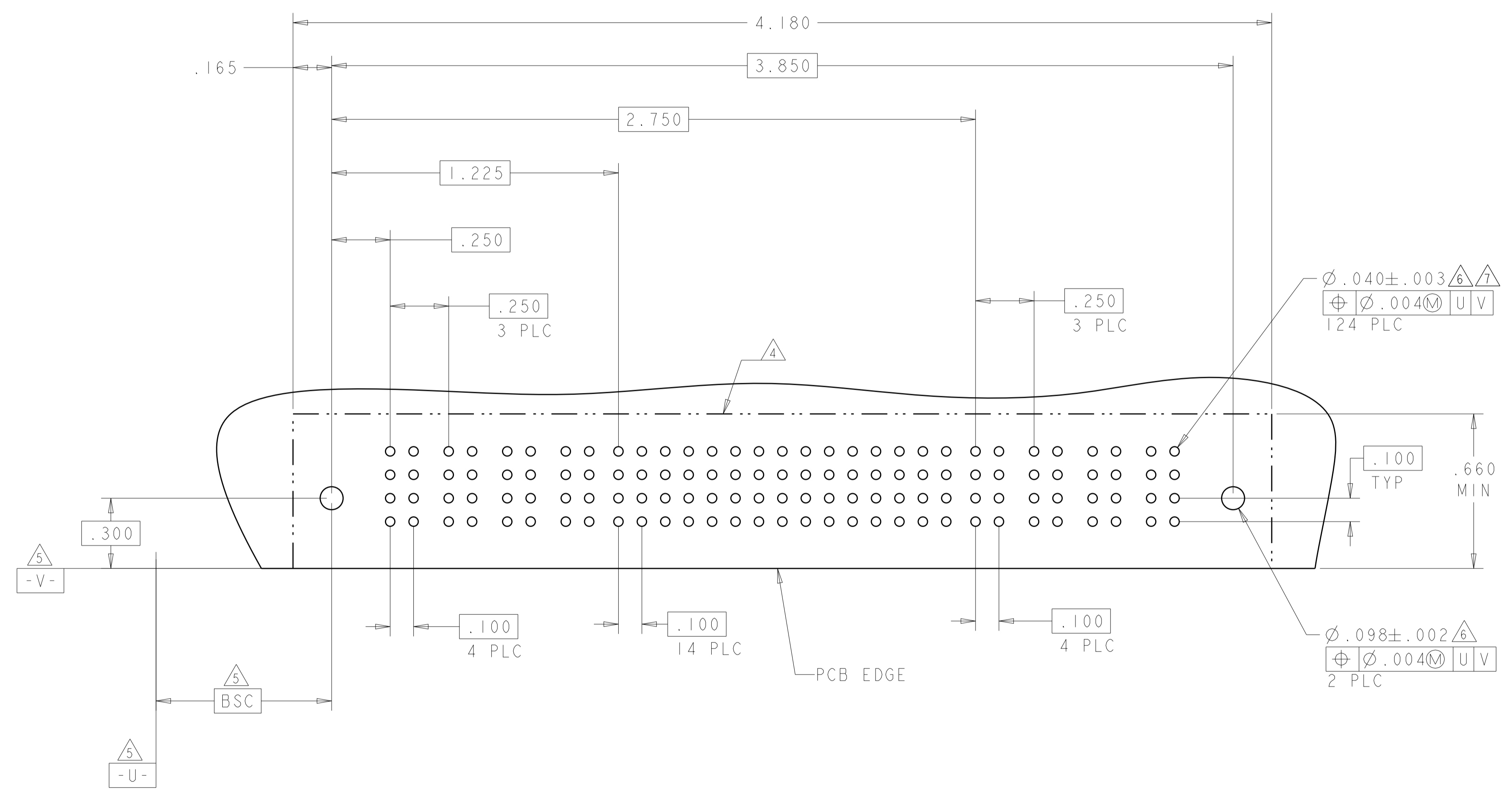
PART NUMBER	ROWS	POWER		SIGNAL						POWER	
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				Y1	Y5	Y5	Y5	Y5	Y1		
				R1	R5	R5	R5	R5	R1		
2P + 24S + 2P				05	05	05	05	05	05		



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°	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -
MATERIAL: -	FINISH: -	APVD: S.YAO	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=6450530 CUSTOMER DRAWING
4805 (3/11)		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		
	C					Y5	Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1	Y1					Y5	
	B					R5	R1	R1	R1	R1	R1	R1	R1	R1	R1	R1	R1	R1	R1	R1					R1	R5
	A					O5	O1	O1	O1	O1	O1	O1	O1	O1	O1	O1	O1	O1	O1	O1					O1	O5
4P + 60S + 4P																										

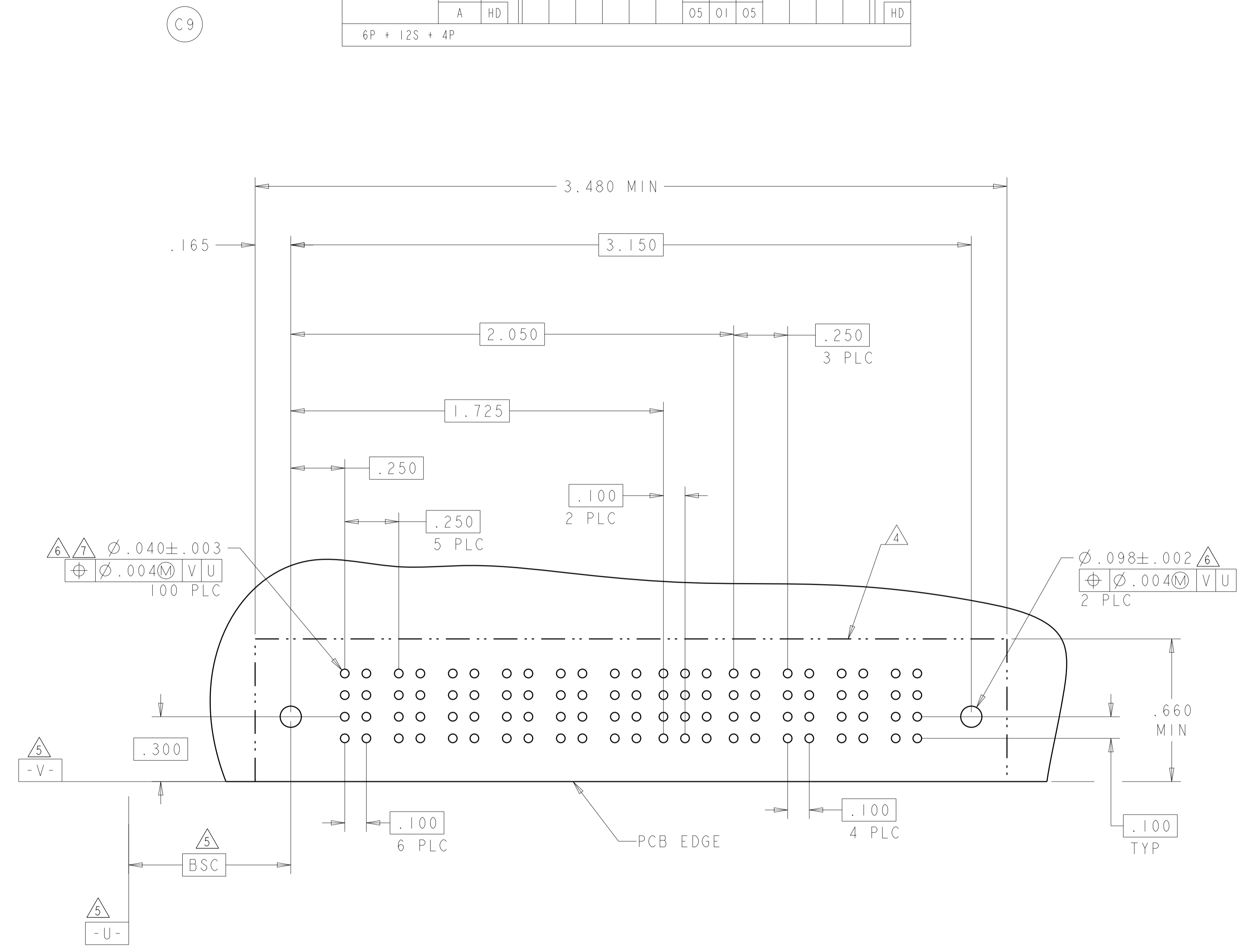


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: CECILY.ZHOU 31JUL2006	TE Connectivity
DIMENSIONS: INCHES		CHK: S.YAO 31JUL2006	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: S.YAO	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL
0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.020 FINISH #2		PRODUCT SPEC: 108-1973	RESTRICTED TO: -
MATERIAL: -		APPLICATION SPEC: 114-13038	SIZE: A1
CUSTOMER DRAWING		WEIGHT: -	CAGE CODE: 6450530
SCALE: 4:1		SHEET: 10 OF 11	REV: C9

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	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	Z5	Z5	Z5	PT	PT	PT	PT
	C		PT	PT	PT	PT	PT	Y5	Y5	Y5	PT	PT	PT	PT
	B		PT	PT	PT	PT	PT	R5	R1	R5	PT	PT	PT	PT
	A		PT	PT	PT	PT	PT	O5	O1	O5	PT	PT	PT	PT

6P + 12S + 4P



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: CECILY.ZHOU 31JUL2006	TE Connectivity
DIMENSIONS: INCHES		CHK: S.YAO 31JUL2006	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: S.YAO	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL
0 PLC ± 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		PRODUCT SPEC: 108-1973	RESTRICTED TO: -
MATERIAL: -		APPLICATION SPEC: 114-13038	SIZE: A100779
FINISH: -		WEIGHT: -	CAGE CODE: 6450530
CUSTOMER DRAWING		SCALE: 4:1	SHEET 11 OF 11 REV: C9