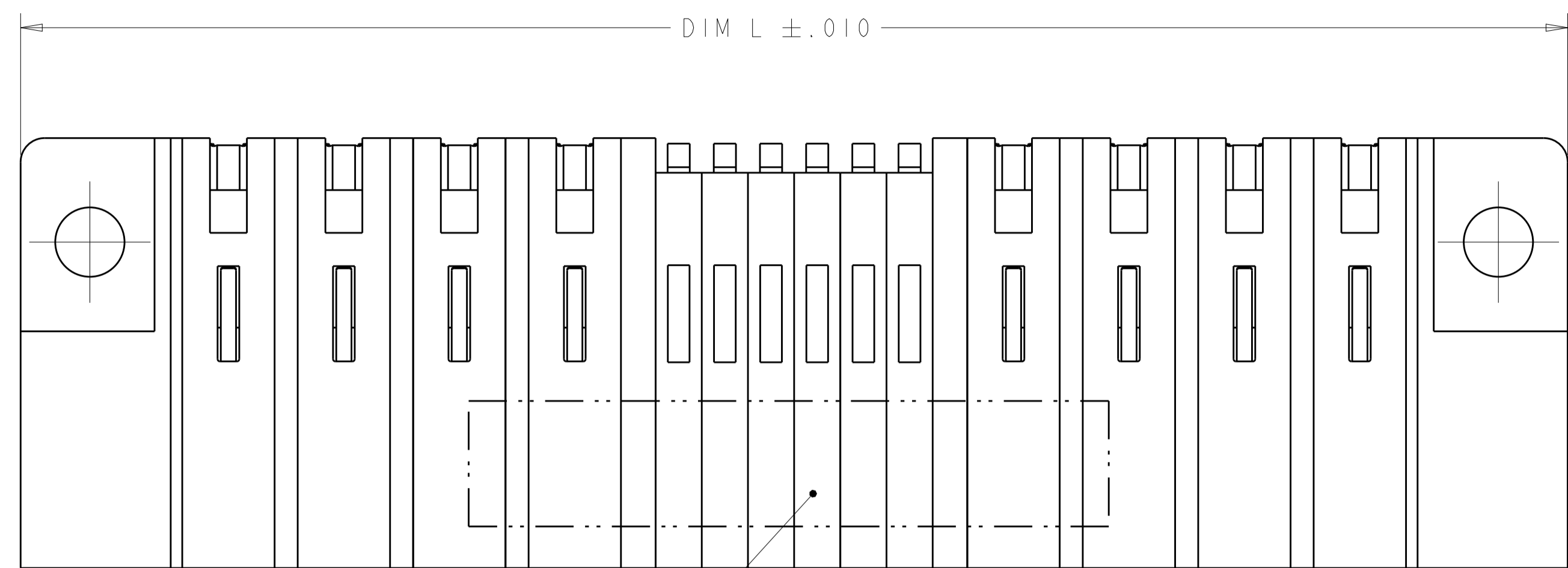
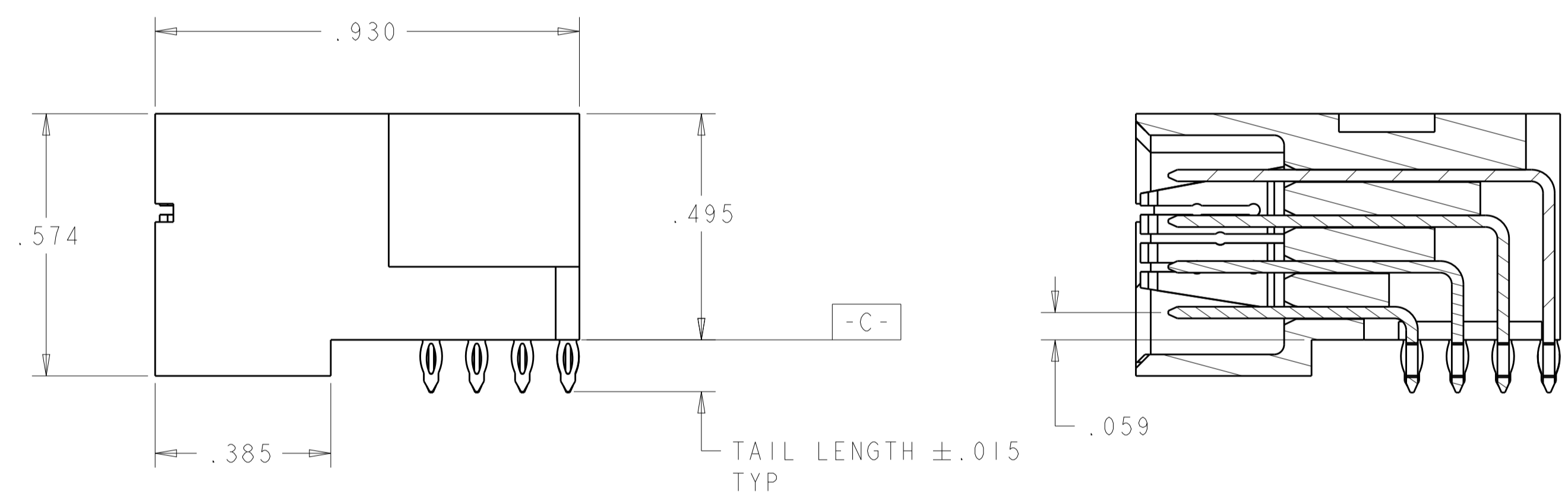
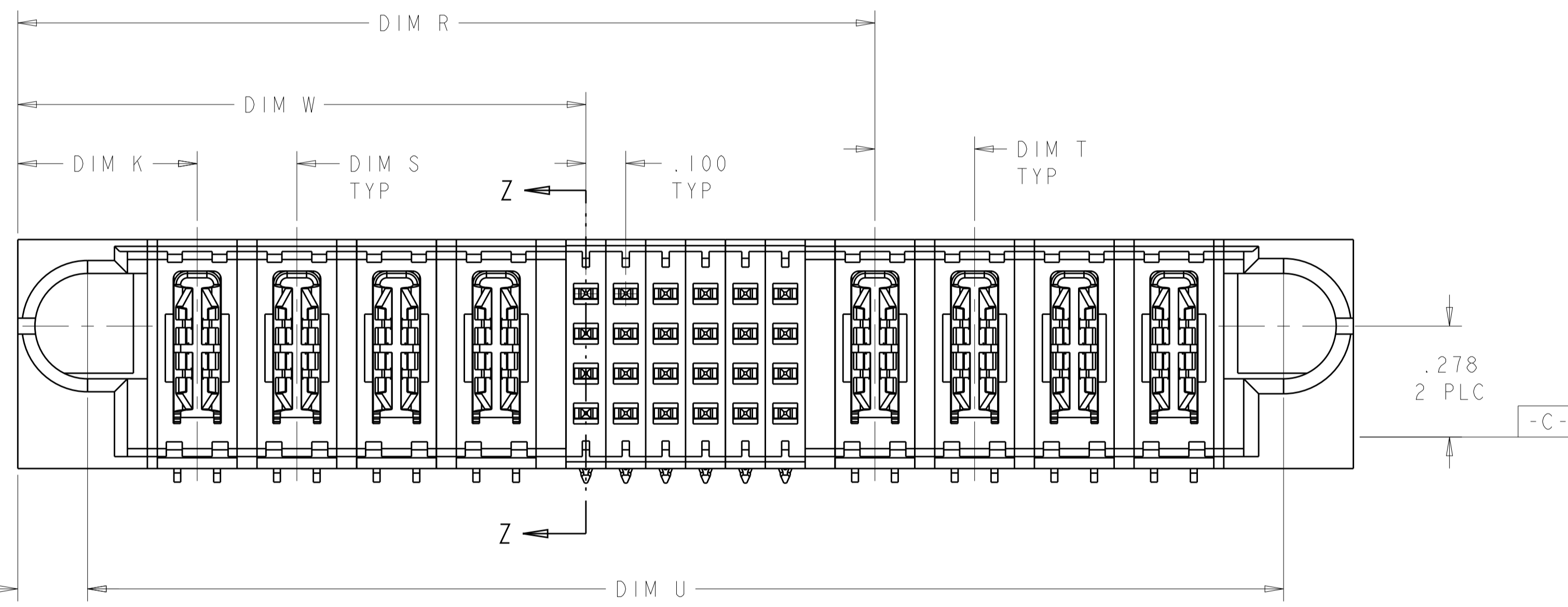


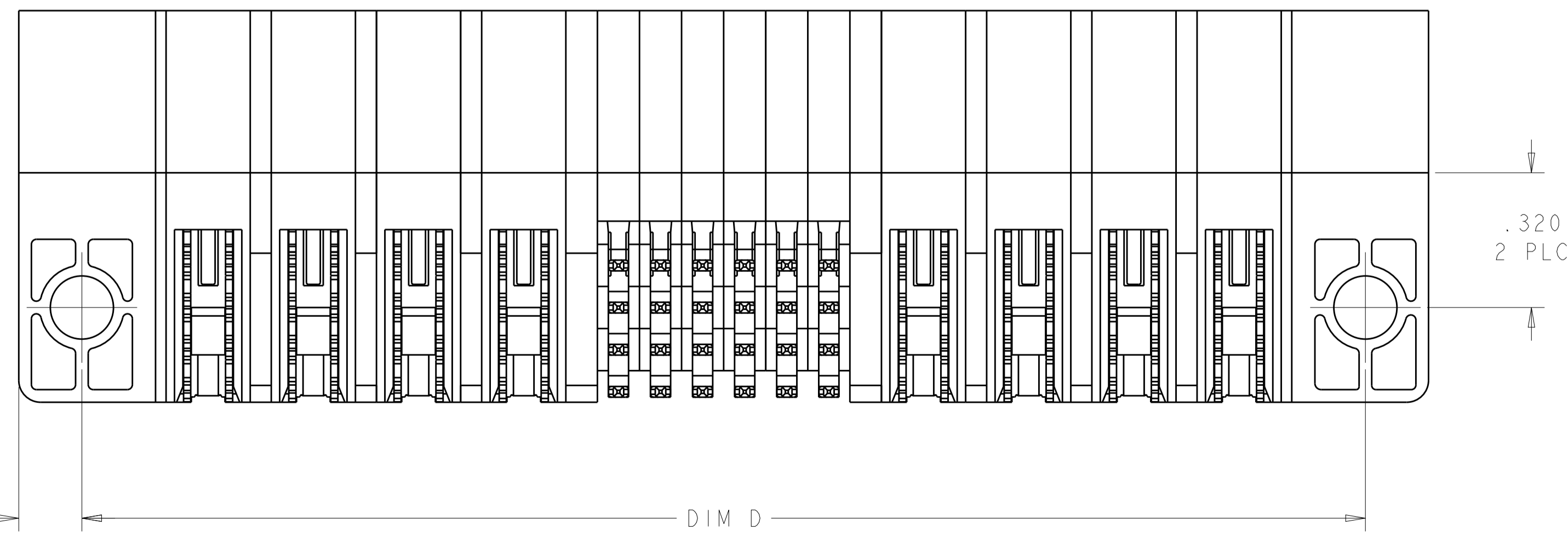
LOC	DIST	REVISIONS			
		REV	DATE	BY	CHK
ES	00	C8	REV PER ECR-13-004179	07MAR2013	CZ SZ
		C9	REVISED	27MAY2013	CZ SZ



- 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	WITH	WITHOUT	WITH	WITHOUT	WITH	WITHOUT	WITH	WITHOUT	WITH	WITHOUT	WITH	WITHOUT	WITH	WITHOUT	WITH	WITHOUT	WITH	WITHOUT	DESCRIPTION	PART NUMBER	
DIM T	DIM S	DIM R	DIM W	DIM L	DIM U	DIM D	DIM K															
.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

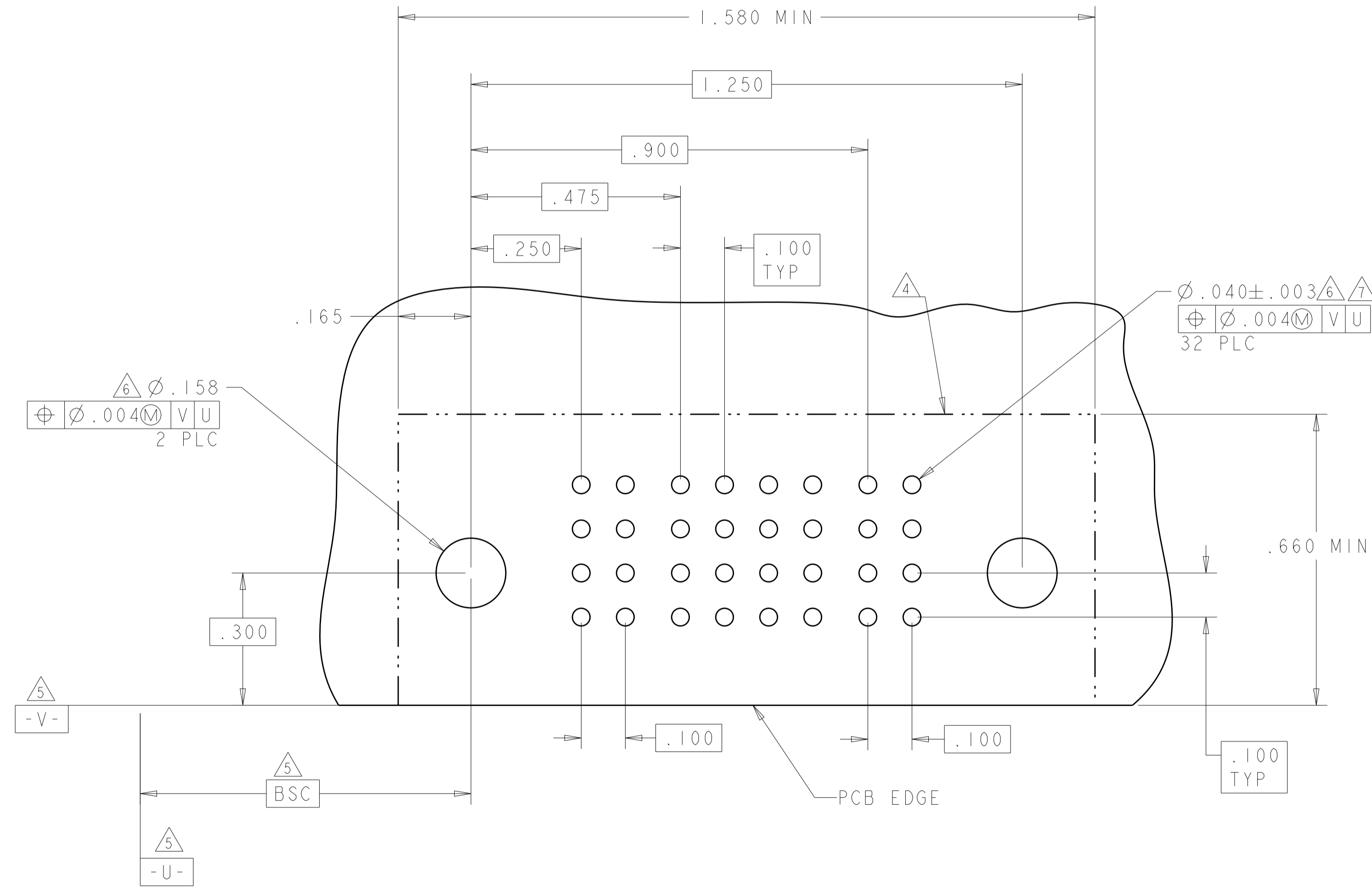
APVD: S.YAO  
 NAME: S.YAO  
 PRODUCT SPEC: 108-1973  
 APPLICATION SPEC: 114-13038  
 WEIGHT: 114-13038  
 CUSTOMER DRAWING

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			
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

**STE** TE Connectivity

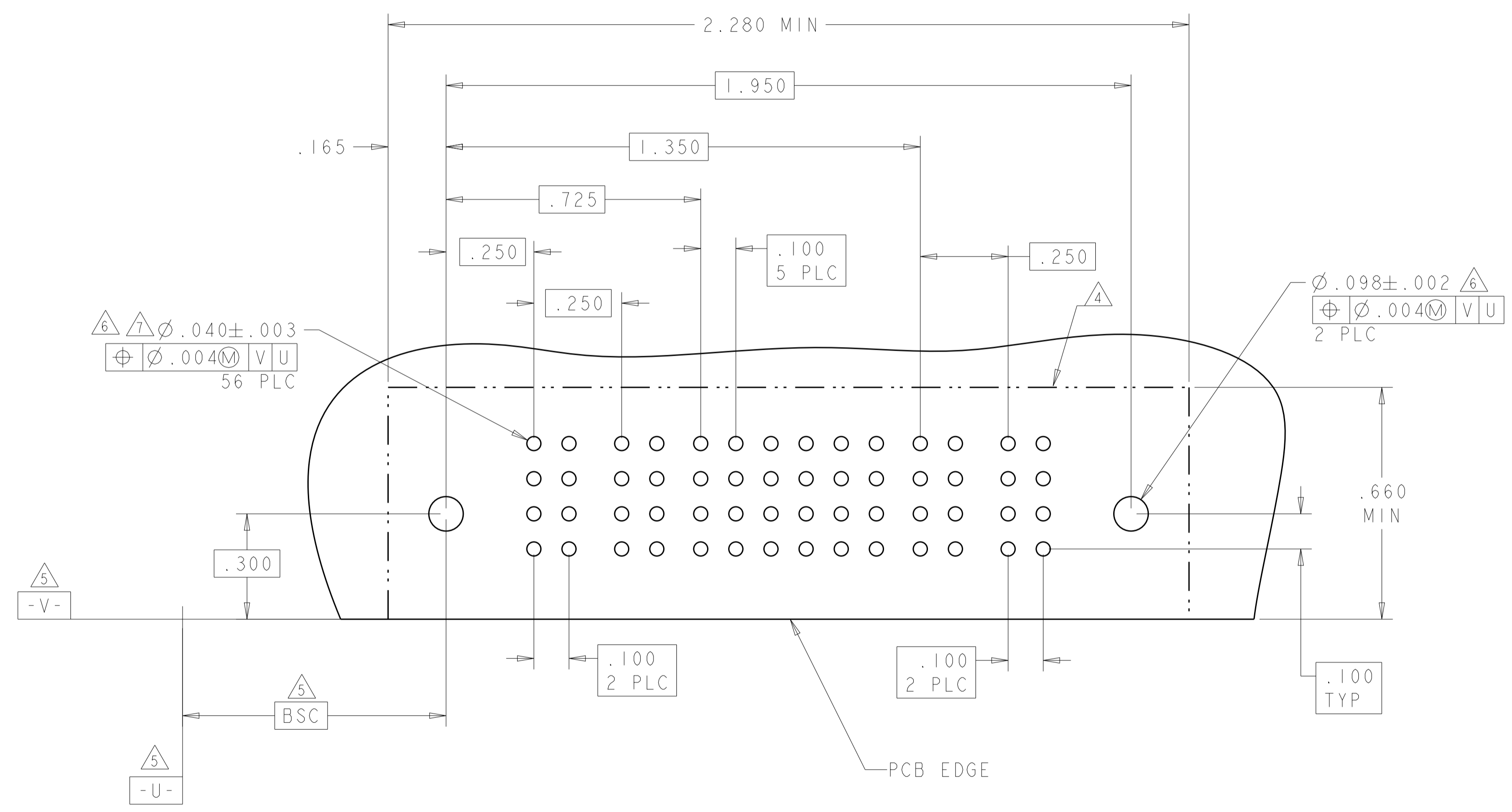
RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL

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
-	-	SEE SHEET 1	-	-	-

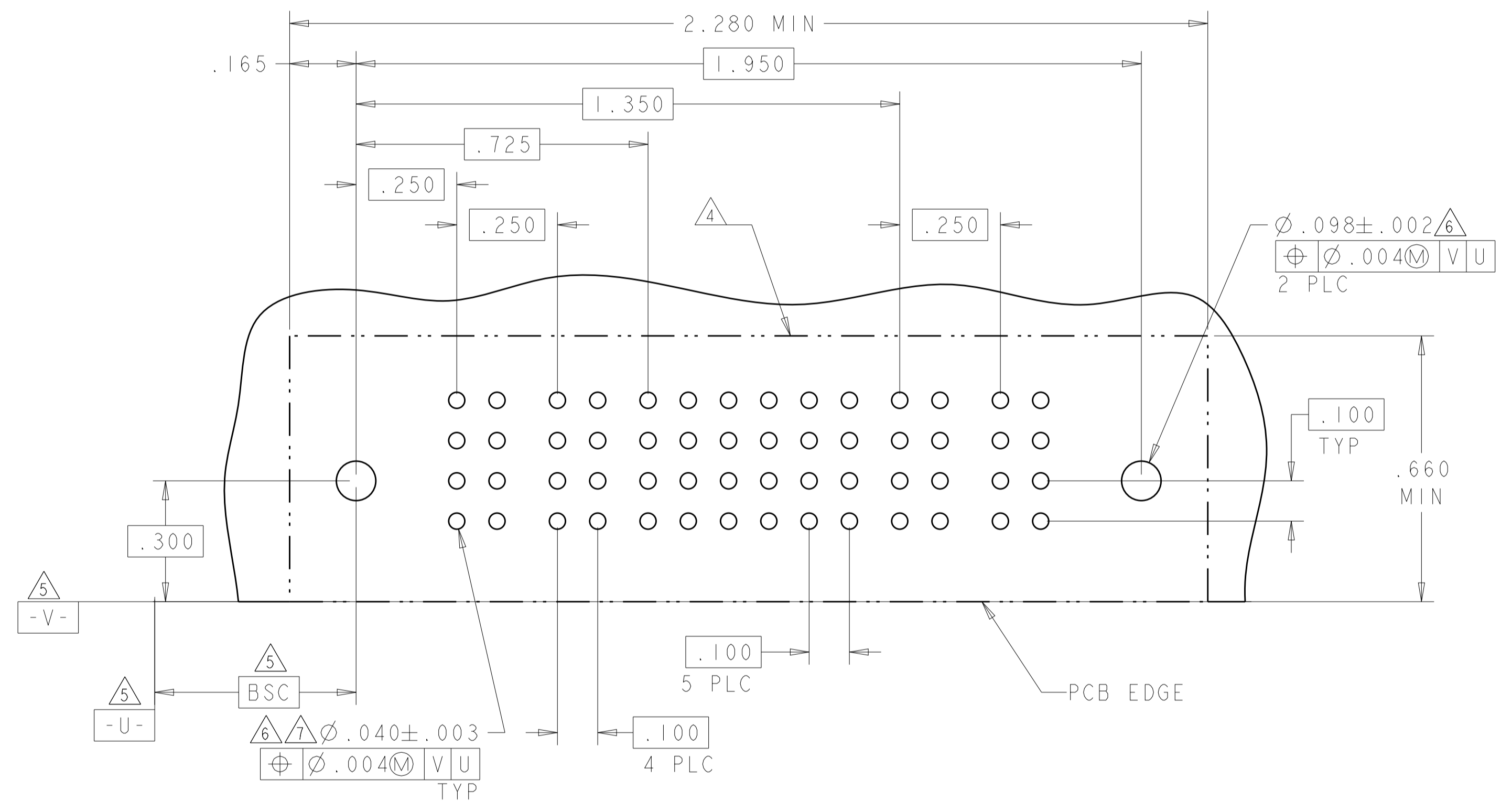
PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P3	P4
6450530-4	D	PT	PT	Z5	Z5	Z5	Z5	Z5	Z5	PT	PT
	C			Y5	Y5	Y5	Y5	Y5	Y5		
	B			R5	R5	R5	R5	R5	R5		
	A			01	05	05	05	05	01		
2P + 24S + 2P		HD	HD							HD	HD



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: -	RESTRICTED TO: -
CUSTOMER DRAWING		SCALE: 4:1	SHEET 3 OF 11

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

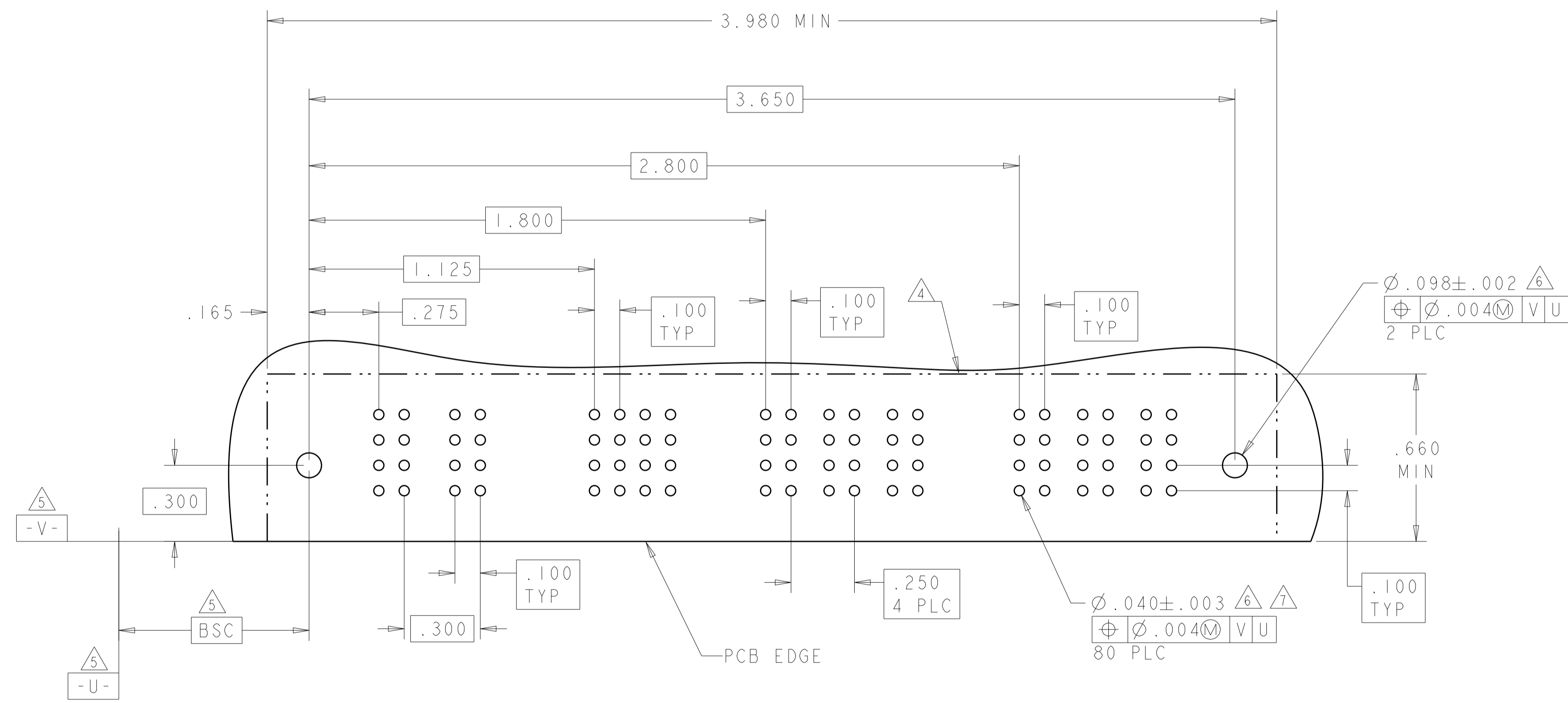
PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P3	P4
6450530-5	D C B A	PT	PT	Z1	Z5	Z5	Z5	Z5	Z1	PT	PT
				Y5	Y5	Y5	Y5	Y5	Y5		
				R5	R5	R5	R5	R5	R5		
				O5	O5	O5	O5	O5	O5		
2P + 24S + 2P		HD	HD							HD	HD



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: -
CAGE CODE: 6450530		CUSTOMER DRAWING	REV: C9

LOC		DIST		REVISIONS			
ES	00	P	LTN	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
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  
 CHK: S.YAO 31JUL2006

APVD: S.YAO

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

PRODUCT SPEC: 108-1973  
 APPLICATION SPEC: 114-13038

SIZE: A1  
 CAGE CODE: 6450530  
 DRAWING NO: 100779

RESTRICTED TO: -

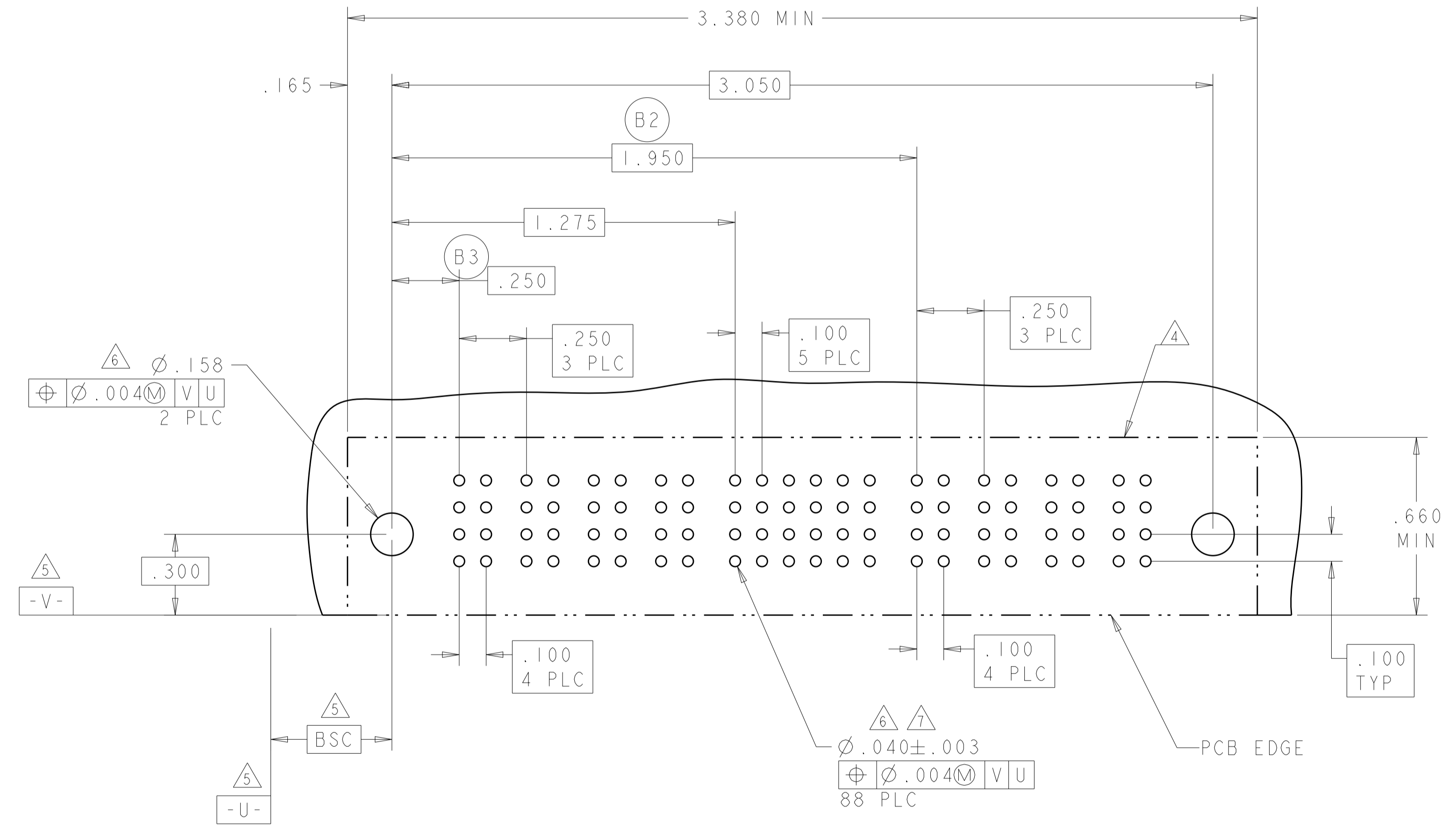
MATERIAL: -  
 FINISH: -

WEIGHT: -  
 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															



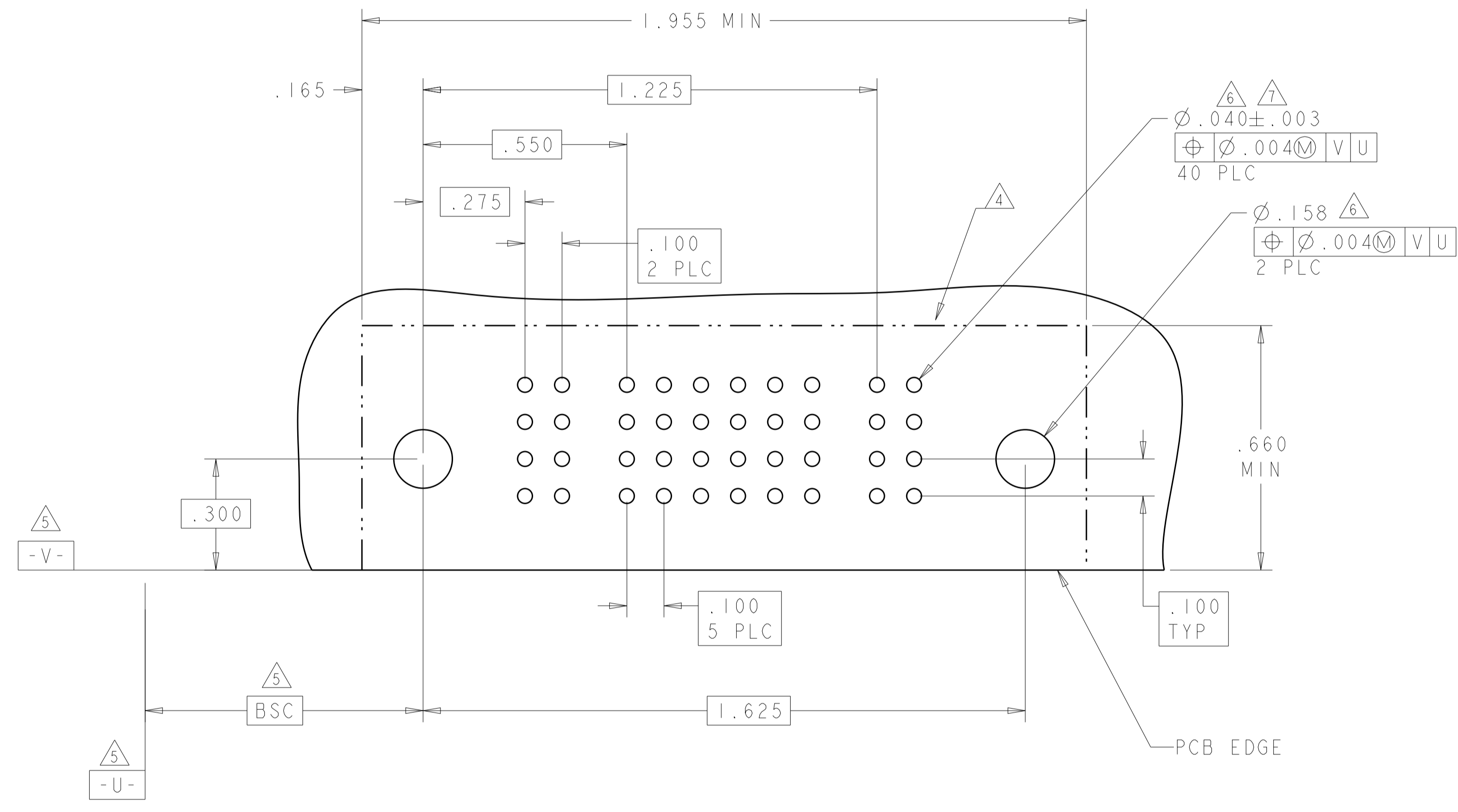
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: CECILY.ZHOU 31JUL2006	 TE Connectivity
DIMENSIONS: INCHES		CHK: S.YAO 31JUL2006	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		APVD: S.YAO	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL
MATERIAL: -		PRODUCT SPEC: 108-1973	SIZE: A1
FINISH: -		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450530
CUSTOMER DRAWING		WEIGHT: -	RESTRICTED TO: -
SCALE: 4:1		SHEET: 6 OF 11	REV: C9

LOC	DIST	REV	DATE	BY	APPD
ES	00				

REVISIONS					
REV	DATE	BY	APPD	DESCRIPTION	DATE
-	-	-	-	SEE SHEET 1	-

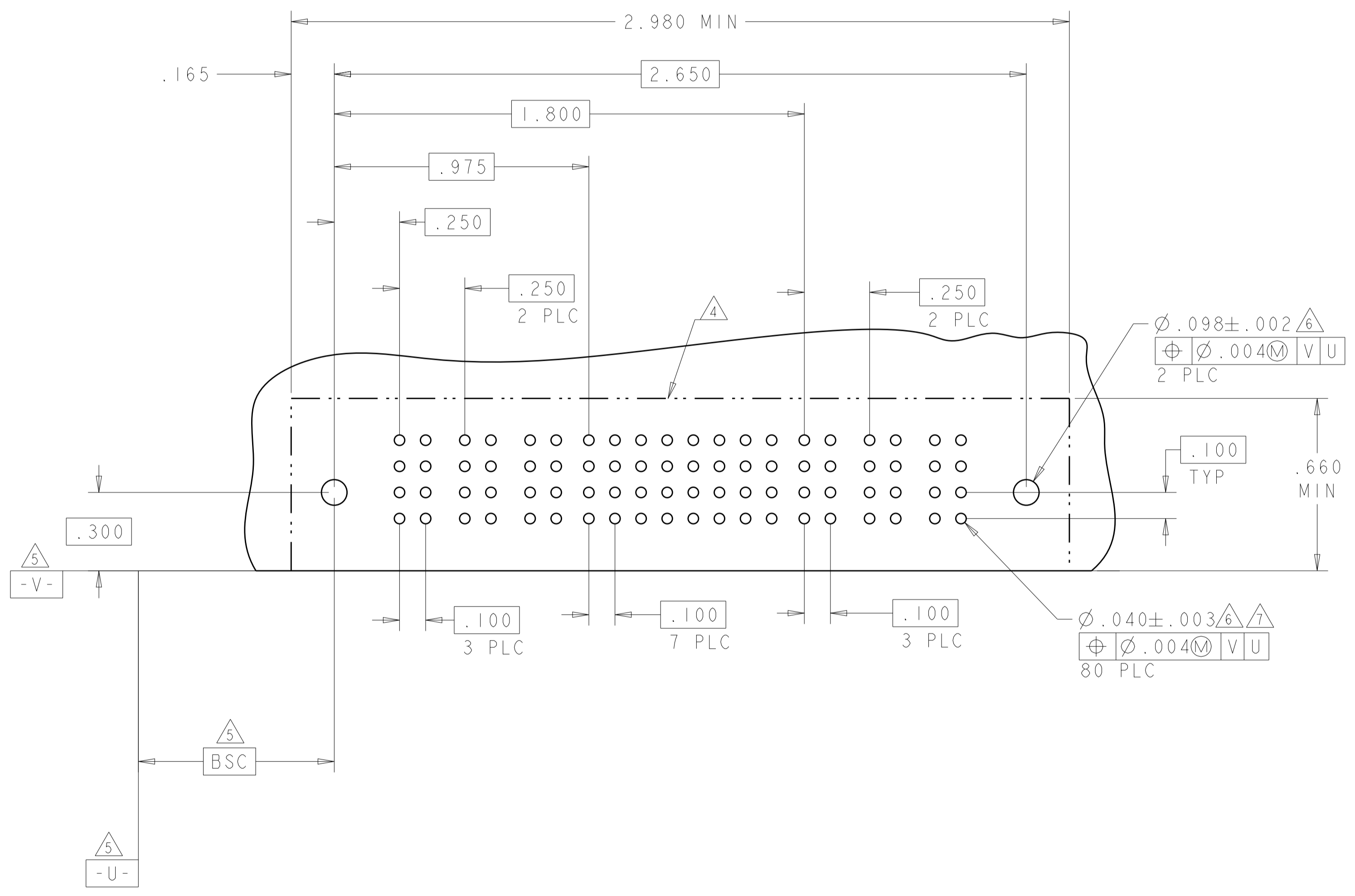
PART NUMBER	ROWS	POWER		SIGNAL						POWER		
		P1	P2	1	2	3	4	5	6	P1	P2	
6450530-8	D	PT	PT	Z5	Z5	Z5	Z5	Z5	Z5	Z5	PT	PT
	C			Y5	Y5	Y5	Y5	Y5	Y5			
	B			R5	R5	R5	R1	R5	R5			
	A			O5	O5	O5	O5	O5	O5			
IP + 24S + IP												



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: CECILY.ZHOU 31JUL2006	<b>STE</b> 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 ±.01	1 PLC ±.01	PRODUCT SPEC	SIZE: A1	
2 PLC ±.01	3 PLC ±.005	APPLICATION SPEC	CAGE CODE: 6450530	
4 PLC ±.0020	ANGLES ±.2°	114-13038	SHEET 7 OF 11	
MATERIAL: -	FINISH: -	WEIGHT: -	REV: C9	
CUSTOMER DRAWING		SCALE: 4:1	REV: C9	

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

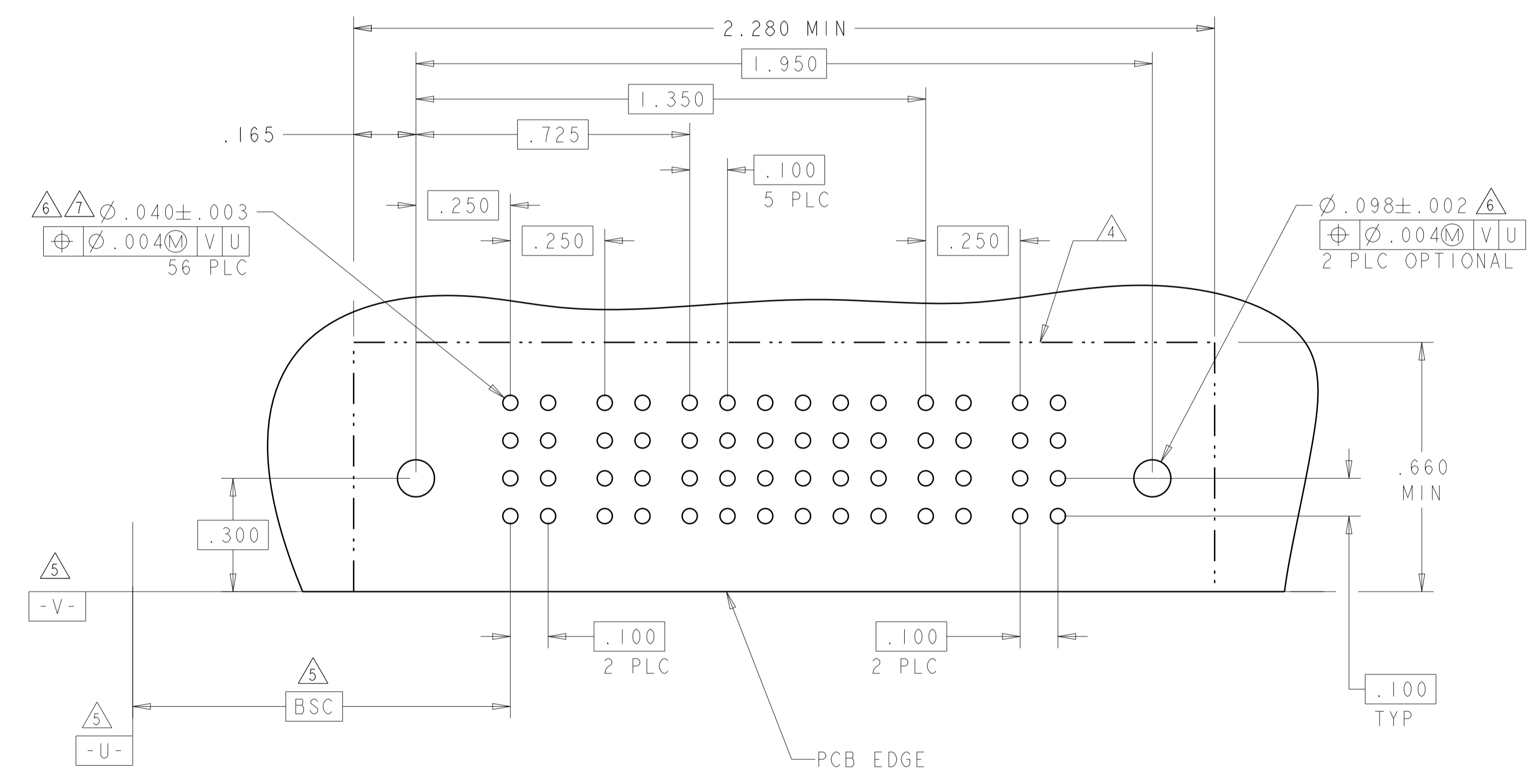


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: CECILY.ZHOU 31JUL2006	 TE Connectivity
DIMENSIONS: INCHES		CHK: S.YAO 31JUL2006	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±7° FINISH		APVD: S.YAO	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS 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		RESTRICTED TO: -	REV: C9



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

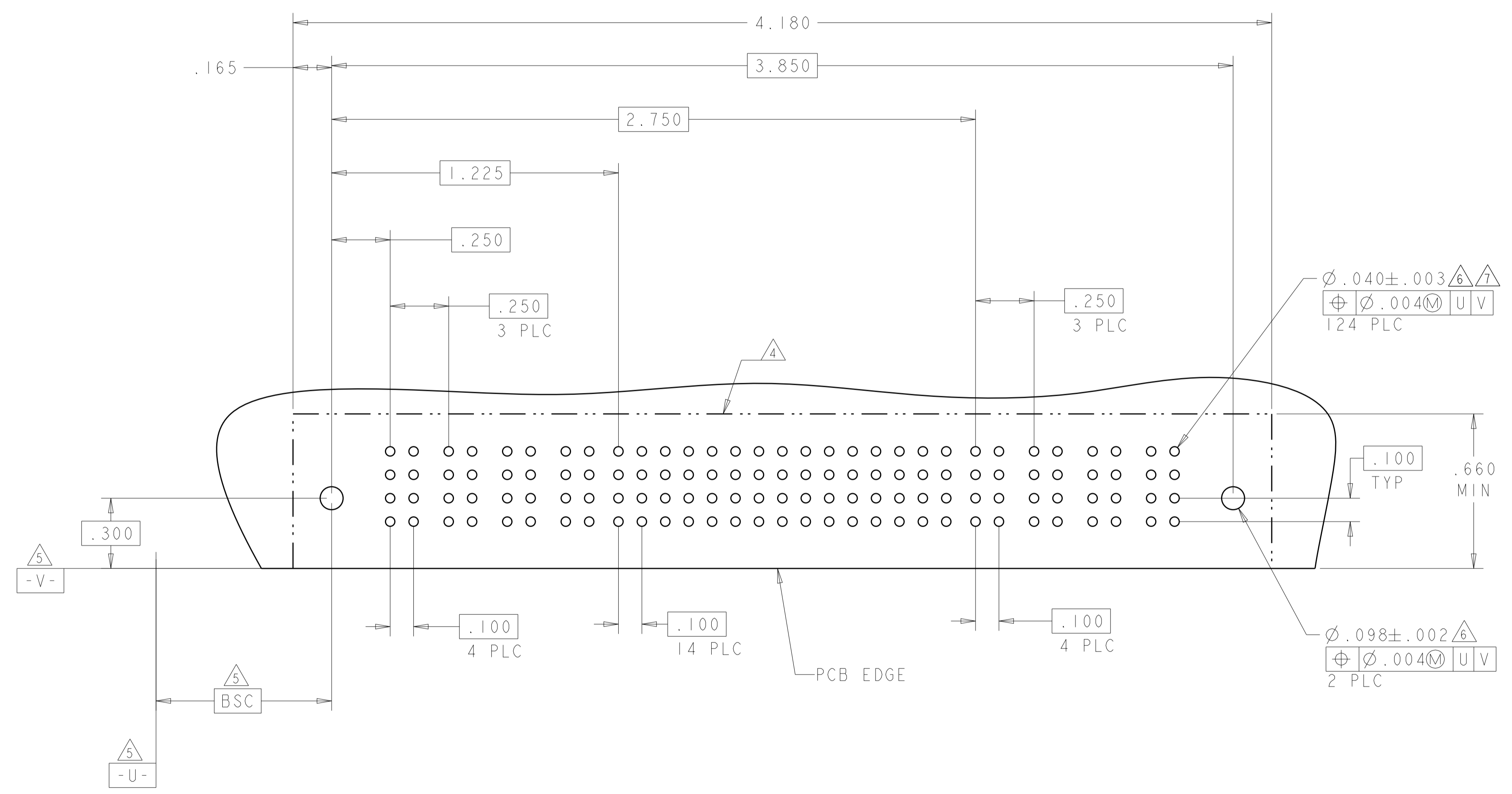
PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P3	P4
I-6450530-1	D C B A	PT	PT	Z1	Z1	Z1	Z1	Z1	Z1	PT	PT
				Y1	Y5	Y5	Y5	Y5	Y1		
				R1	R5	R5	R5	R5	R1		
				05	05	05	05	05	05		
2P + 24S + 2P											



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: CECILY.ZHOU 31JUL2006	TE Connectivity
DIMENSIONS: INCHES		CHK: S.YAO 31JUL2006	
		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL
0 PLC ±.01		APVD: S.YAO	PRODUCT SPEC: 108-1973
1 PLC ±.01			APPLICATION SPEC: 114-13038
2 PLC ±.01			SIZE: A1
3 PLC ±.005			CAGE CODE: 6450530
4 PLC ±.0020			RESTRICTED TO: -
ANGLES: ±2°			SCALE: 4:1
FINISH: -		WEIGHT: -	SHEET: 9 OF 11
MATERIAL: -		CUSTOMER DRAWING	REV: C9

LOC	DIST	REVISIONS					
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		-		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	PT	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																										

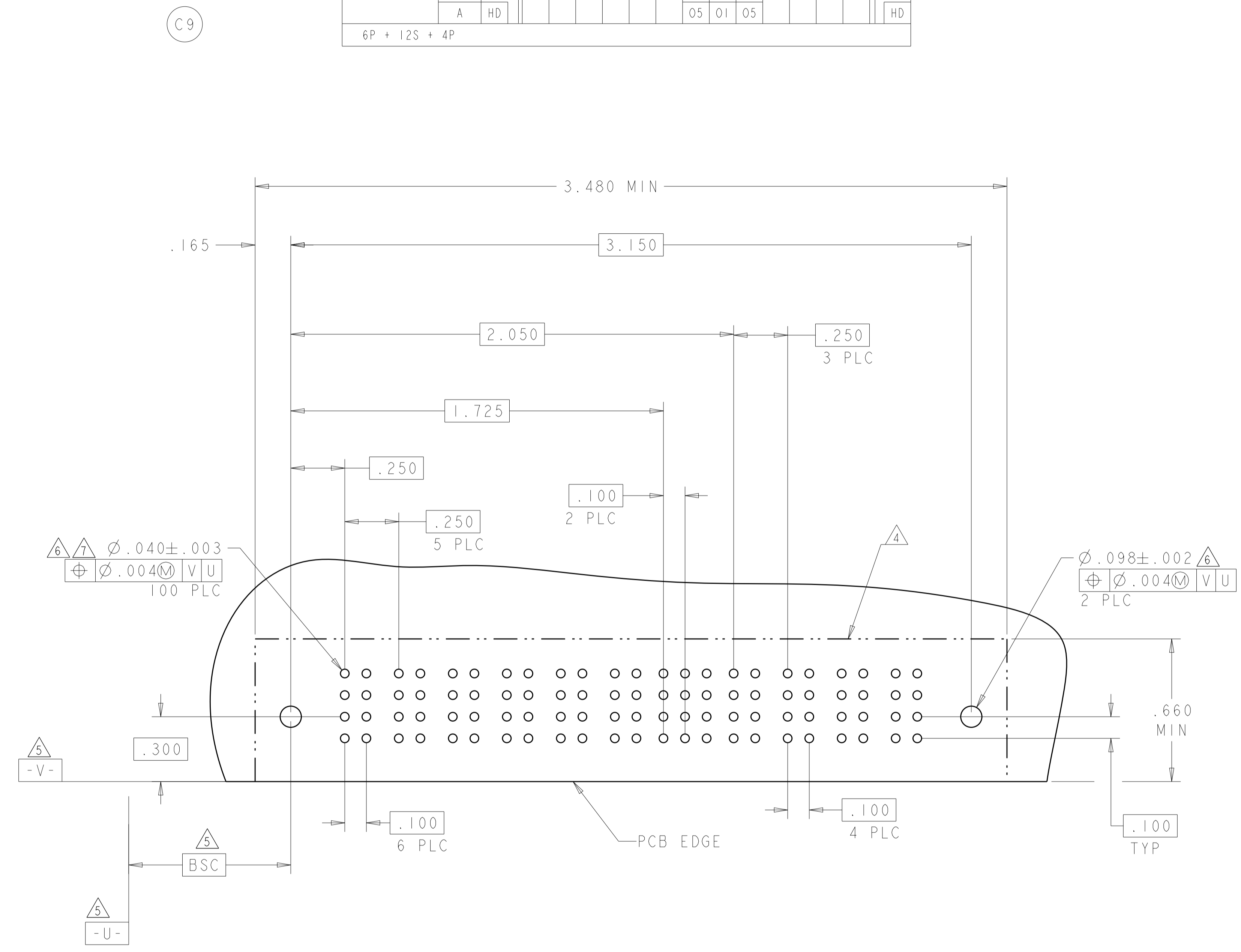


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: GECILY.ZHOU 31JUL2006	TE Connectivity
DIMENSIONS: INCHES		CHK: S.YAO 31JUL2006	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.020 FINISH		APVD: S.YAO PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT:	NAME: RIGHT ANGLE HEADER ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL SIZE: A1 CAGE CODE: 00779 DRAWING NO: 6450530 RESTRICTED TO:
MATERIAL: -		CUSTOMER DRAWING	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	PT	Z5	Z5	Z5	PT	PT	PT	PT
	C		PT	PT	PT	PT	PT	PT	Y5	Y5	Y5	PT	PT	PT	PT
	B		PT	PT	PT	PT	PT	PT	R5	R5	R5	PT	PT	PT	PT
	A		PT	PT	PT	PT	PT	PT	O5	O5	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: 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 11 OF 11		WEIGHT: -	RESTRICTED TO: -
CUSTOMER DRAWING		SCALE: 4:1	DRAWING NO: 6450530
REV: C9		REVISIONS: -	