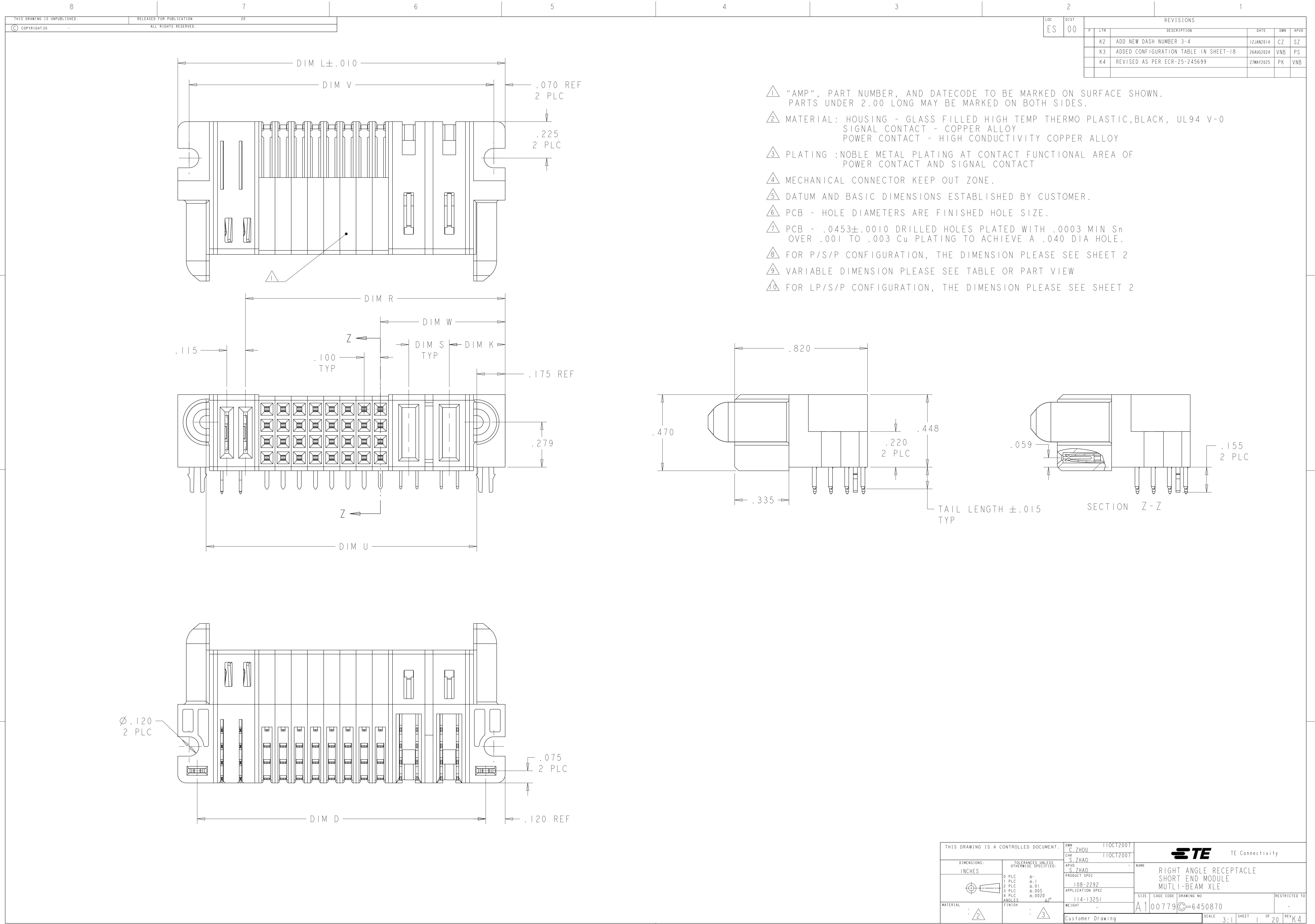
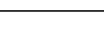
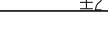
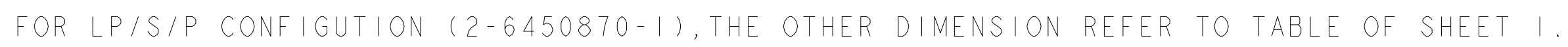




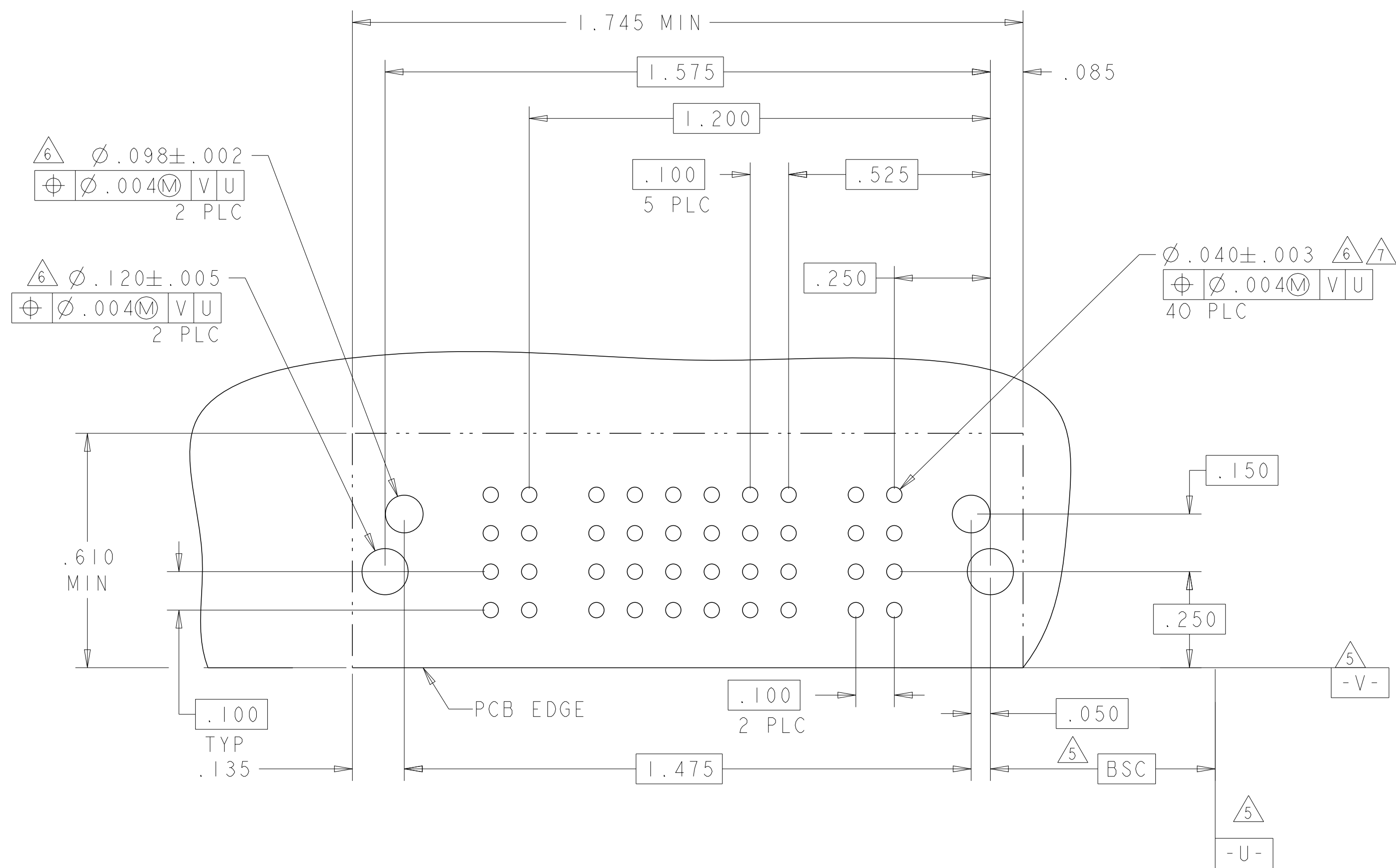
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. ZHOU	11OCT2007	 TE Connectivity					
DIMENSIONS: INCHES		CHK S. ZHAO	11OCT2007						
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. ZHAO	-	NAME					
		PRODUCT SPEC		RIGHT ANGLE RECEPTACLE SHORT END MODULE MULTI-BEAM XLE					
		108-2292							
		APPLICATION SPEC							
		114-13251							
0 PLC $\pm .1$		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
1 PLC $\pm .1$									
2 PLC $\pm .01$									
3 PLC $\pm .005$									
4 PLC $\pm .0020$		WEIGHT		A1		00779		G=6450870	
ANGLES $\pm 2^\circ$		Customer Drawing		SCALE 3:1		SHEET 1 OF 20		REV K4	
FINISH									
MATERIAL									
									
									

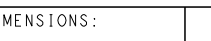


K 4

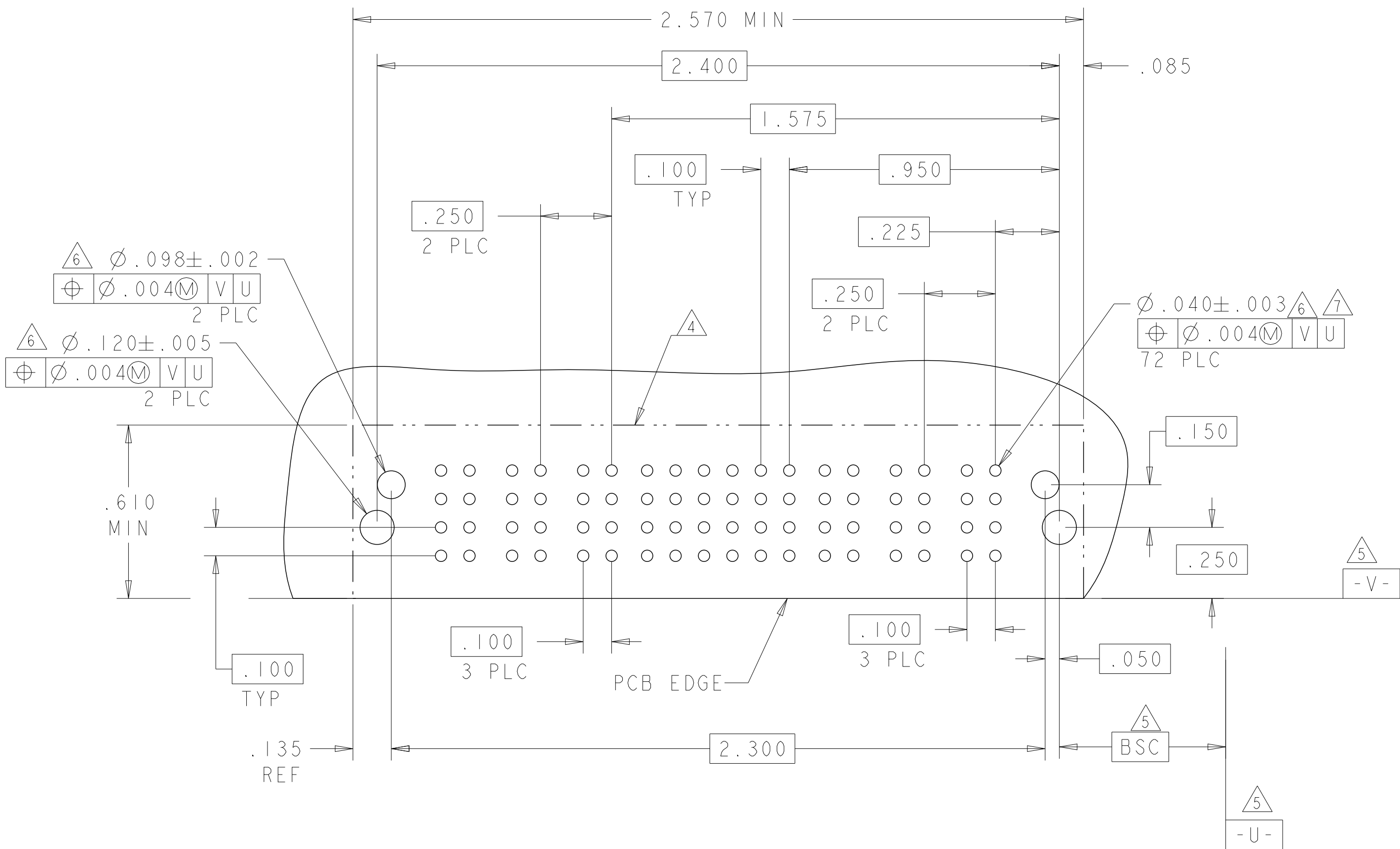
4805 (3/11)

PART NUMBER	ROWS		POWER	SIGNAL							POWER	
			P2	6	5	4	3	2	1	P1		
6450870-2	D C B A		RM								RM	
				H	H	H	H	H	H			
				G	G	G	G	G	G			
				F	F	F	F	F	F			
				E	E	E	E	E	E			
IP + 24S + IP												



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 110CT2007 CDR S_ZHAO 110CT2007 S_ZHAO APVD S_ZHAO NAME RIGHT ANGLE RECEPTACLE SHORT END MODULE MUTLI-BEAM XLE		 TE Connectivity	
DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.1 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES 2° FINISH		SIZE CAGE CODE DRAWING NO RESTRICTED TO A1 00779 C-6450870 SCALE 3:1 SHEET 3 OF 20 REV K4	
MATERIAL		WEIGHT		Customer Drawing	

PART NUMBER	ROWS		POWER			SIGNAL							POWER			
			P6	P5	P4	6	5	4	3	2	1	P3	P2	P1		
6450870-4	D C B A			RM	RM	RM	H	H	H	H	H	H	RM	RM	RM	
							G	G	G	G	G	G				
							F	F	F	F	F	F				
							E	E	E	E	E	E				
3P + 24S + 3P																

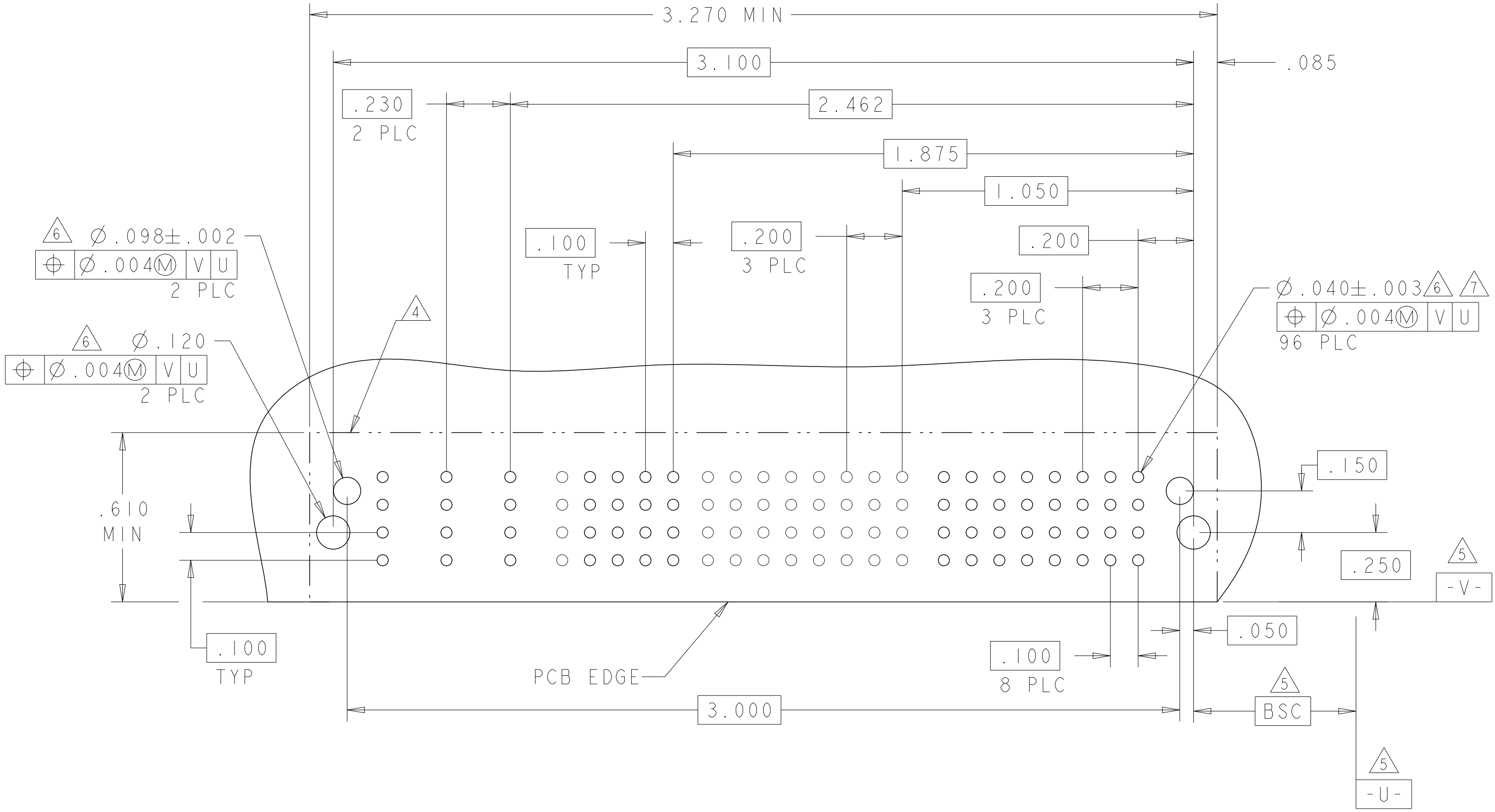
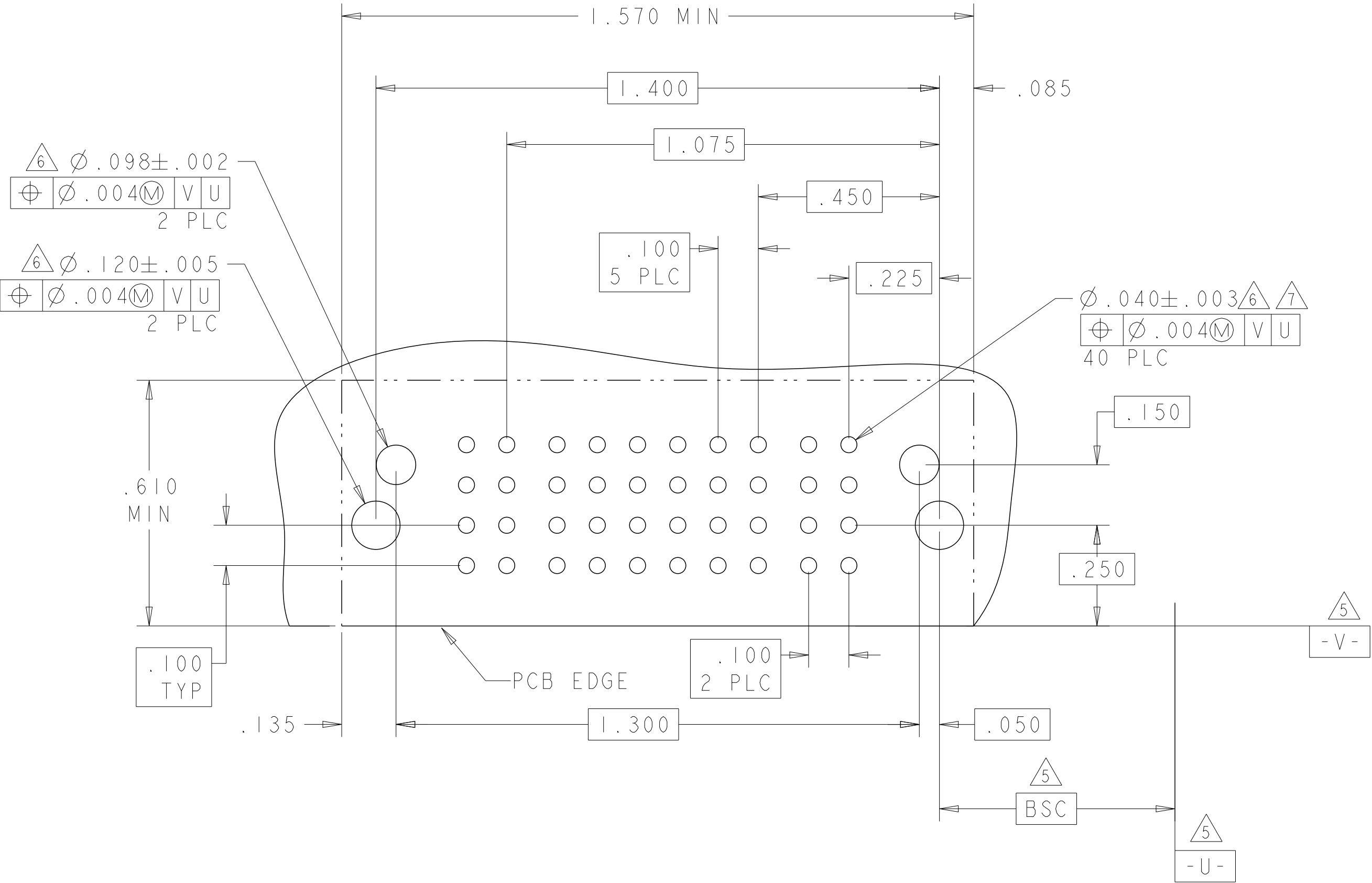
4805 (3/11)

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

PART NUMBER	ROWS		POWER	SIGNAL						POWER	
			P2	6	5	4	3	2	1	P1	
6450870-5	D C B A		RM	H	H	H	H	H	H	RM	
				G	G	G	G	G	G		
				F	F	F	F	F	F		
				E	E	E	E	E	E		
IP + 24S + IP											

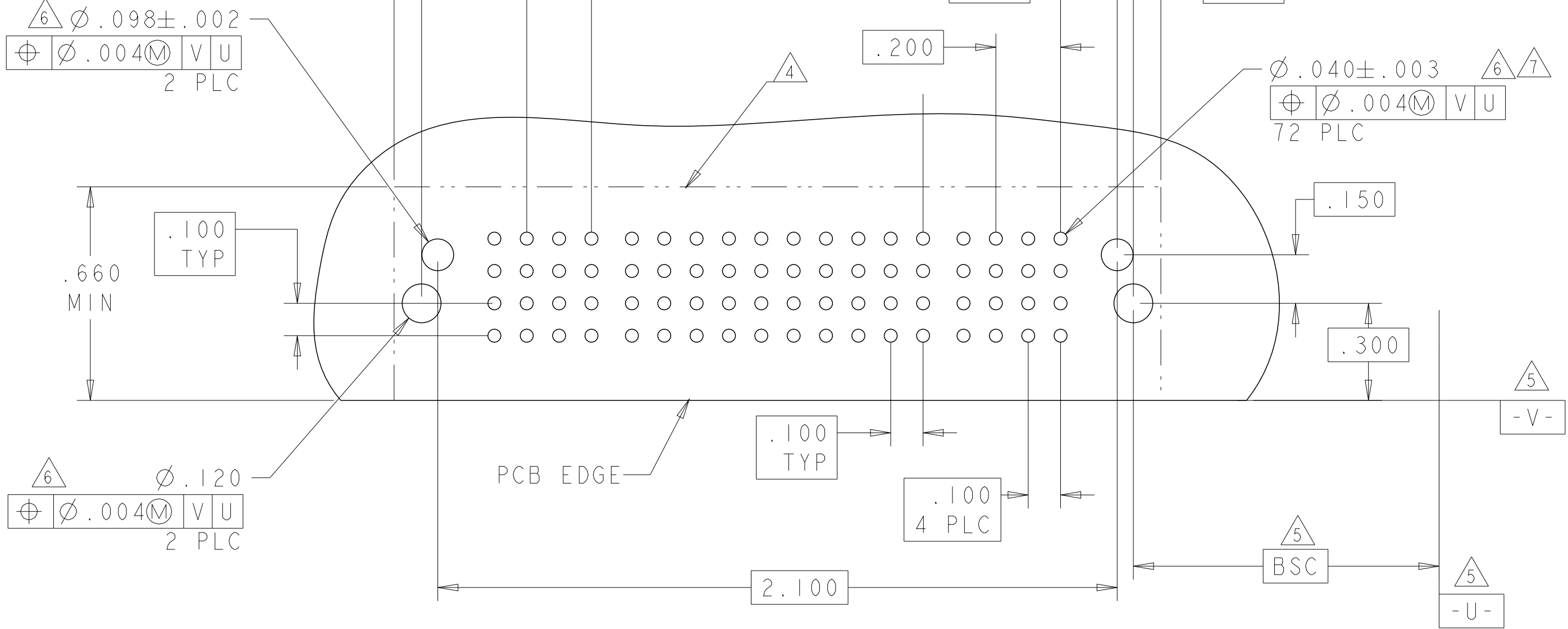
PART NUMBER	ROWS		POWER					SIGNAL					POWER								
			LP5	LP4	LP3	LP2	LPI	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2		P1
6450870-7	D C B A		LM		LM		LM	H	H	H	H	H	RM	RM	RM	RM	RM	RM	RM	RM	
								G	G	G	G	G									
								E	E	E	E	E									
								E	E	E	E	E									
8HDP + 20S + 5LP																					

Δ
.250
6 PLC
 Δ
.200



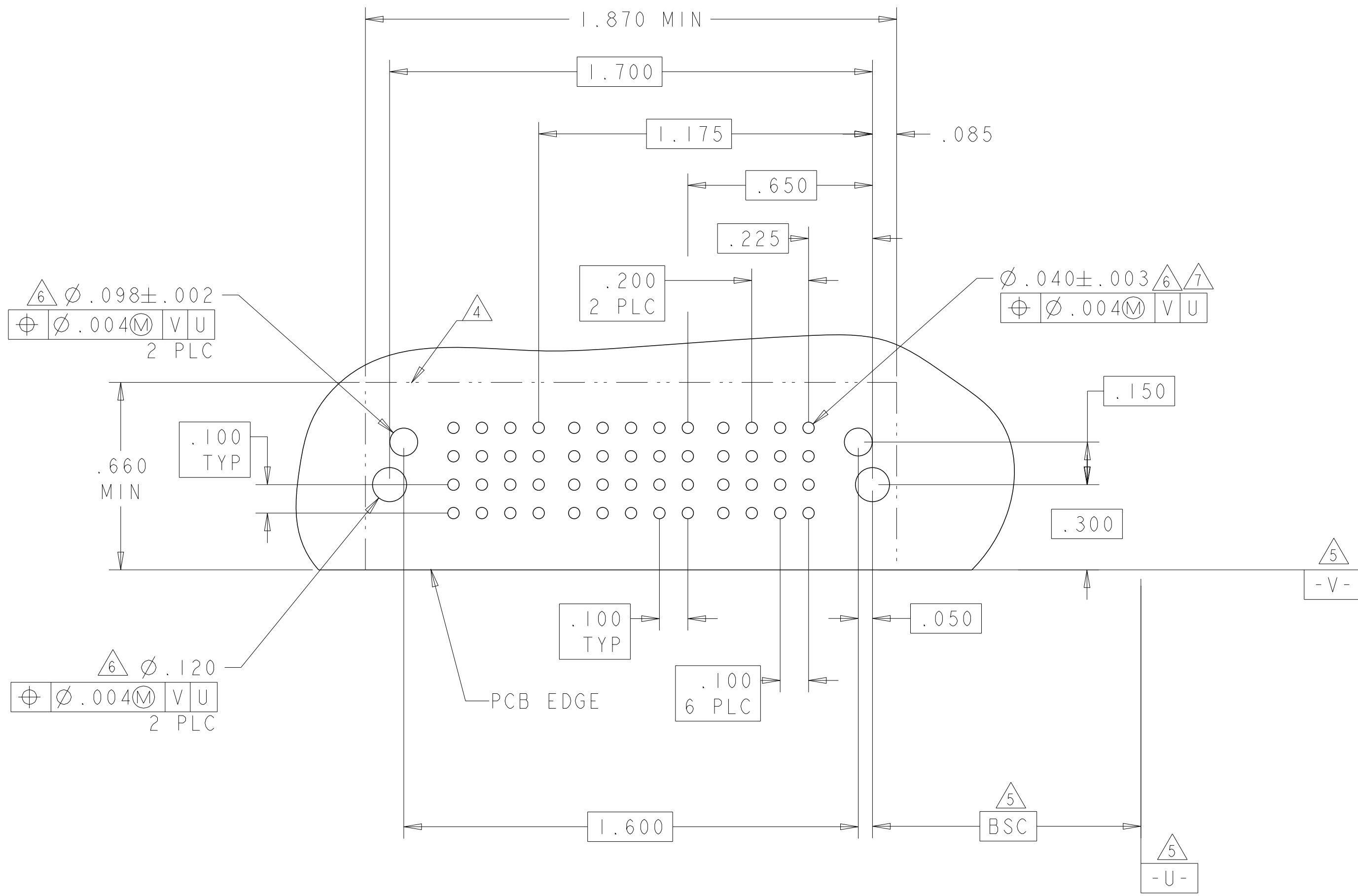
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. ZHOU CHK S. ZHAO APVD S. ZHAO	11OCT2007 11OCT2007 -
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-2292	NAME RIGHT ANGLE RECEPTACLE SHORT END MODULE MULTI-BEAM XLE
	0 PLC $\pm$.1 1 PLC $\pm$.1 2 PLC $\pm$.01 3 PLC $\pm$.005 4 PLC $\pm$.0020 ANGLES $\pm$ 2° FINISH	APPLICATION SPEC 114-13251	SIZE CAGE CODE DRAWING NO
MATERIAL -	-	WEIGHT -	RESTRICTED TO -
Customer Drawing		SCALE 3:1	SHEET 5 OF 20 REV K4

PART NUMBER	ROWS		POWER		SIGNAL											POWER		
			P4	P3	I0	9	8	7	6	5	4	3	2	1	P2	P1		
6450870-9	D		RM	RM	H	H	H	H	H	H	H	H	H	H	RM	RM		
	C				G	G	G	G	G	G	G	G	G					
	B				F	F	F	F	F	F	F	F	F	F				
	A	HD			E	E	E	E	E	E	E	E	E	E				HD
2P + 40S + 2P																		

[illegible]

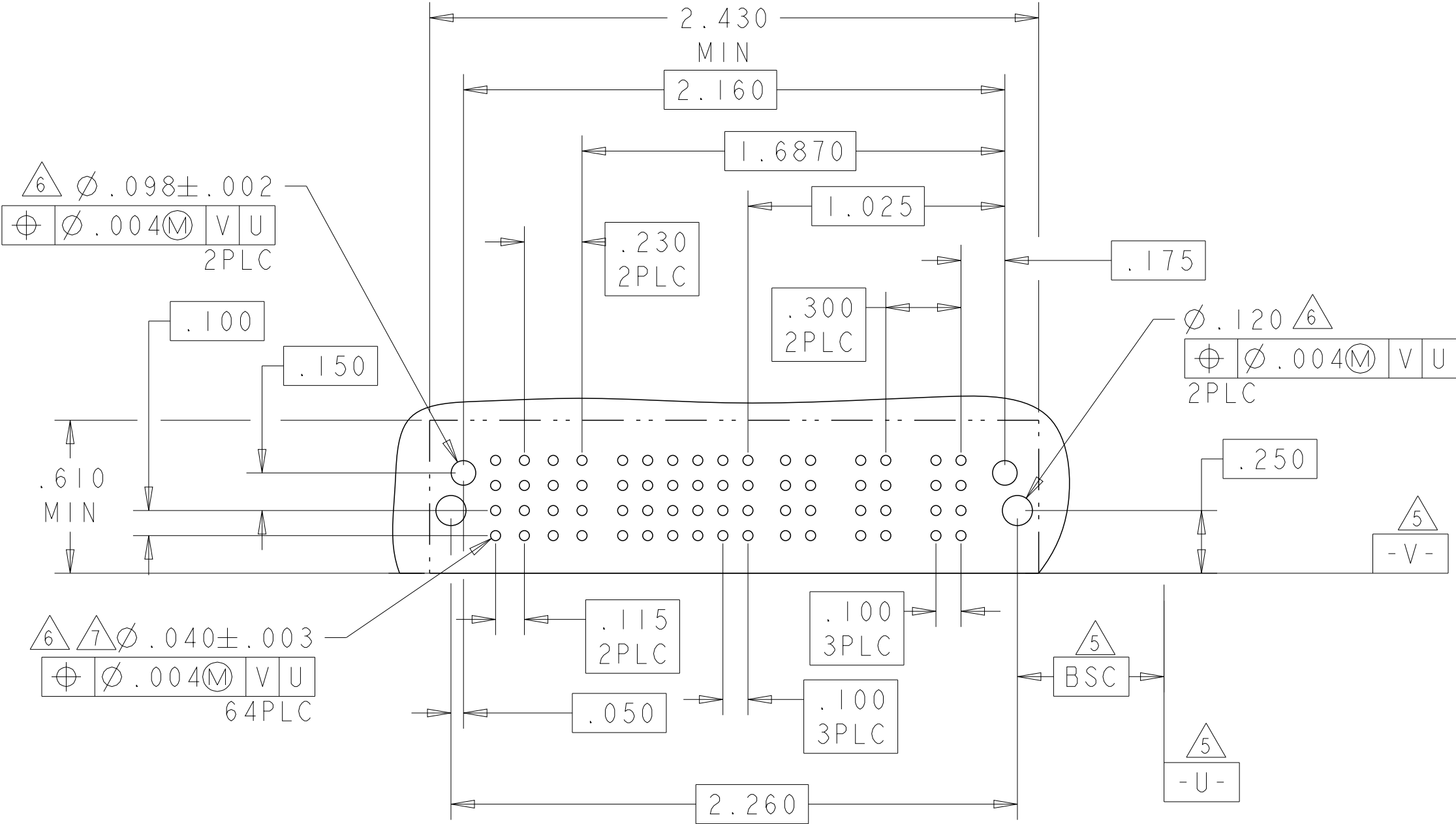
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 110CT2007		 TE Connectivity			
		C.ZHAO 110CT2007					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:					
INCHES		APVD -				RIGHT ANGLE RECEPTACLE SHORT END MODULE MULTI-BEAM XLE	
		S.ZHAO					
		PRODUCT SPEC					
		108-2292					
		APPLICATION SPEC		114-13251		RESTRICTED TO	
MATERIAL		WEIGHT		SIZE			
FINISH				CAGE CODE			
				DRAWING NO			
				A1 100779			
				C=6450870			
				REV			
				K4			
				SCALE			
				3:1			
				SHEET			
				6 of 20			

PART NUMBER	ROWS		POWER		SIGNAL					POWER					
		P4	P3	5	4	3	2	1	P2	P1					
I-6450870-I	D		RM	RM	H	H	H	H	H	RM	RM				
	C				G	G	G	G	G						
	B				F	F	F	F	F						
	A				E	E	E	E	E						
2P + 20S + 2P		HD													HD

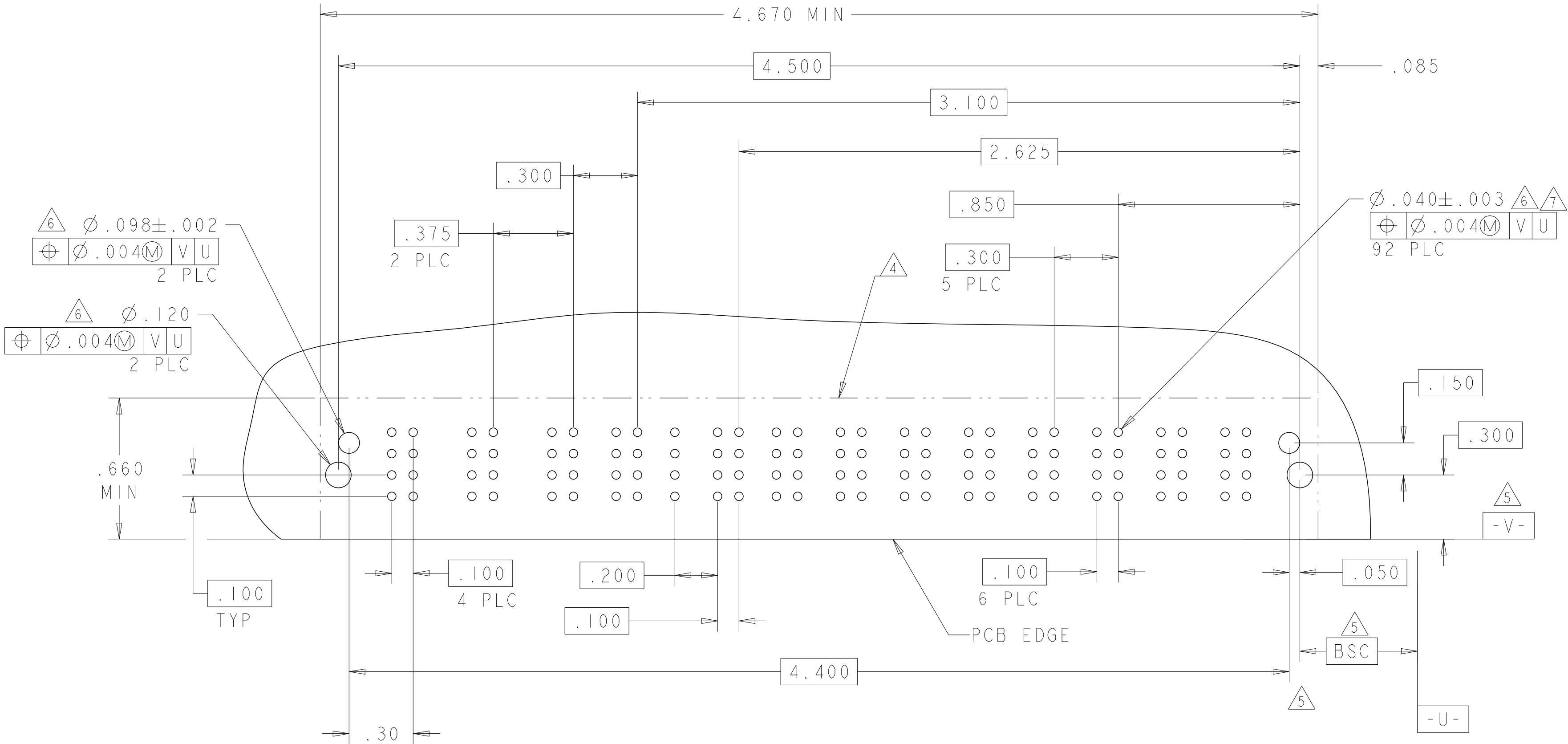
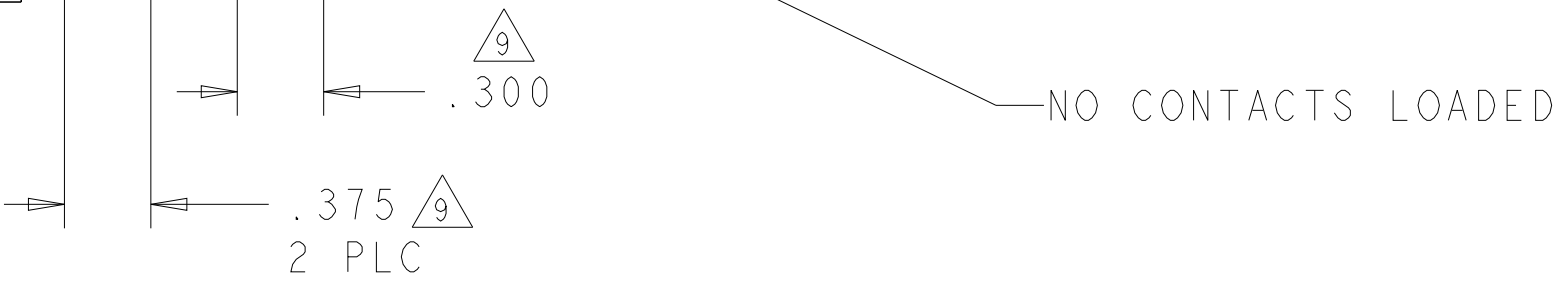
4805 (3/11)

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

PART NUMBER	ROWS		POWER				SIGNAL						POWER			
			P7	P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	
I-6450870-2	D C B A		LM	LM	LM	LM	H	H	H	H	H	H	RM	RM	RM	
							G	G	G	G	G	G				
							F	F	F	F	F	F				
							E	E	E	E	E	E				
3ACP + 24S + 4LP																



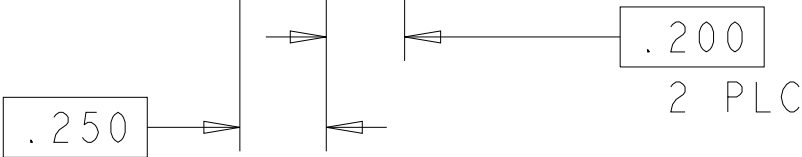
PART NUMBER	ROWS		POWER				SIGNAL				POWER								
			P12	P11	P10	P9	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1	
I-6450870-3	D C B A		RM	RM	RM	RA	H	H		H	RA	RA	RA	RA	RM	RM	RM	RM	
							G	G		G									
							F	F		F									
							E	E		E									
8ACP + 16S + 4ACP																			



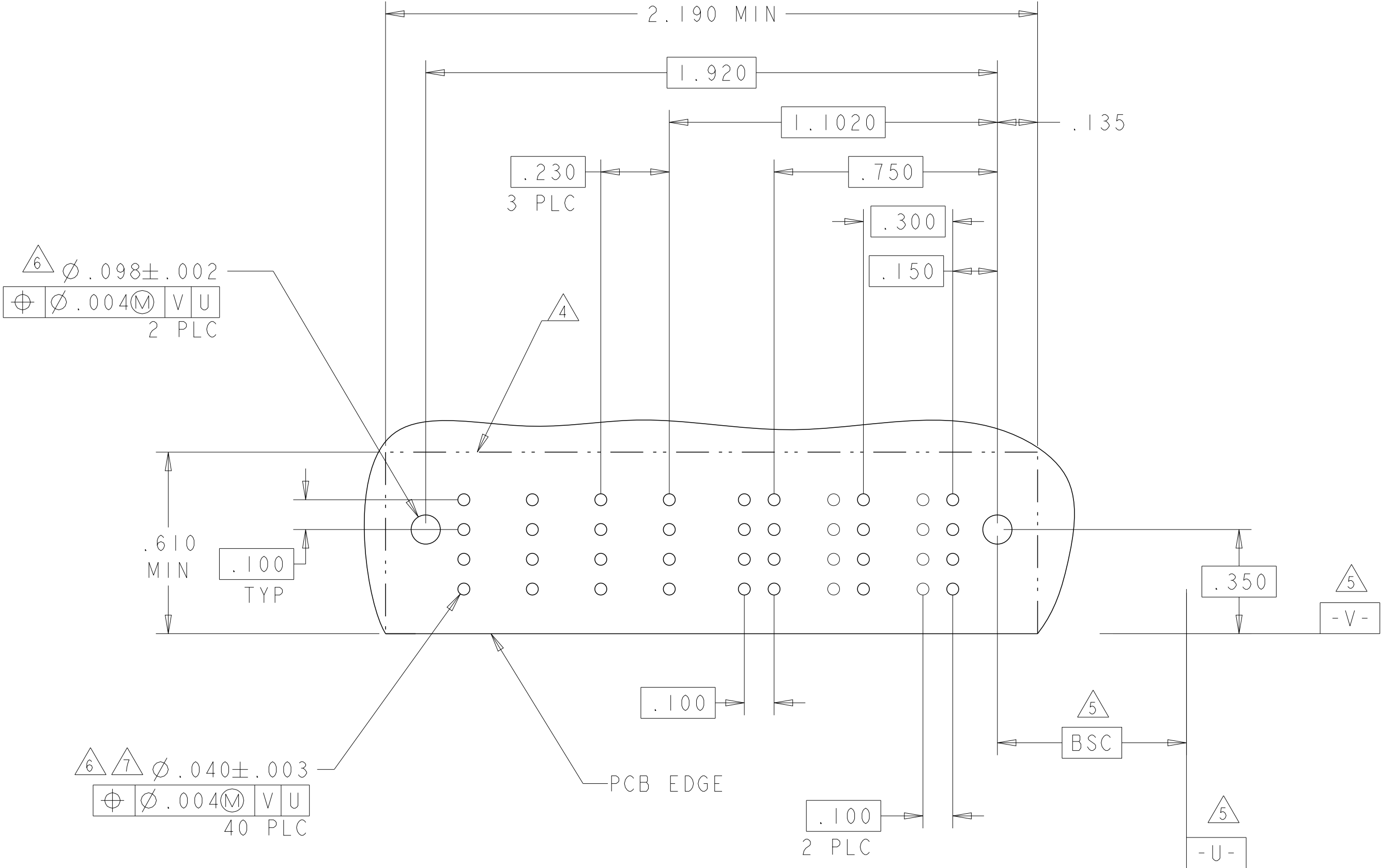
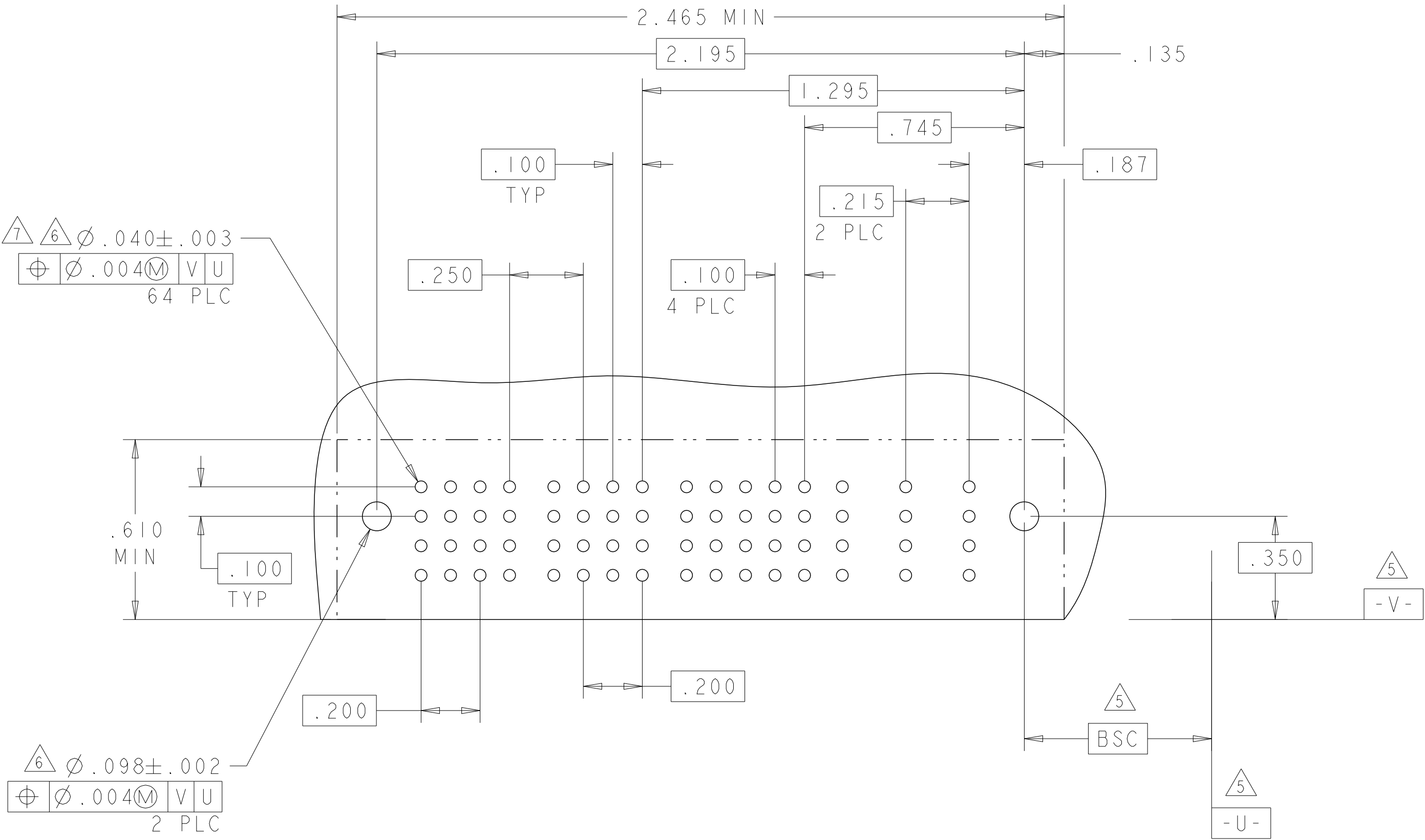
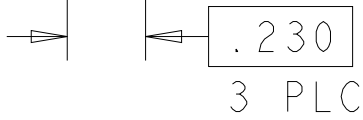
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. ZHOU	11OCT2007	 TE Connectivity							
		CHK S. ZHAO	11OCT2007								
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:			NAME	RIGHT ANGLE RECEPTACLE SHORT END MODULE MULTI-BEAM XLE						
		0 PLC	±.1			PRODUCT SPEC					
		1 PLC	±.1			108-2292					
		2 PLC	±.01			APPLICATION SPEC					
		3 PLC	±.005			114-13251					
		4 PLC	±.0020			WEIGHT					
ANGLES	±.2°	-	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO					
MATERIAL	FINISH	-	A	100779	C=6450870	-					
Customer Drawing				SCALE	3:1	SHEET	8	OF	20	REV	K4

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

PART NUMBER	ROWS		POWER				SIGNAL					POWER			
			P4	P3	P2	P1	5	4	3	2	1	LP3	LP2	LPI	
1-6450870-4	D C B A		RM	RM	RM	RM	H	H	H	H	H	LM	LM	LM	
							G	G	G	G	G				
							F	F	F	F	F				
							E	E	E	E	E				
3LP + 20S + 4HDP															HD



PART NUMBER	ROWS		POWER				SIGNAL		POWER		
			LP4	LP3	LP2	LPI	2	1	P2	P1	
1-6450870-5	D C B A		 LM	 LM	 LM	 LM	 H	 H	 RM	 RM	
2ACP + 8S + 4LP											



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

±.01

±.005

±.0020

#2°

-

DWN

C. ZHOU

11OCT2007

CHK

S. ZHAO

11OCT2007

APVD

S. ZHAO

-

PRODUCT SPEC

108-2292

APPLICATION SPEC

114-13251

WEIGHT

-

Customer Drawing

NAME

RIGHT ANGLE RECEPTACLE
SHORT END MODULE
MULTI-BEAM XLE

SIZE

A1

CAGE CODE

00779

DRAWING NO

6450870

RESTRICTED TO

-

SCALE

3:1

SHEET

9

OF

20

REV

K4

TE Connectivity

Technical drawing of a PCB layout showing dimensions and tolerances. The drawing includes various callouts for dimensions and tolerances, such as $\phi .098 \pm .002$, $\phi .120 \pm .005$, $\phi .040 \pm .003$, and $\phi .004$. It also shows dimensions like 3.945 MIN, 3.775, 2.325, 1.975, .085, .225, .375, .150, .250, .050, .100, .610 MIN, 3.675, and .100. The layout includes a central area with a grid of circles, likely representing vias or pads, and a section labeled "BSC" (Basic Surface Center). The drawing is a detailed technical specification for a PCB layout.

4805 (3/11)

Technical drawing of a mechanical part, showing a top view. The drawing includes dimensions and feature callouts.

Dimensions:

- Overall width: 6.370 MIN
- Overall height: 6.200
- Left side width: 2.125
- Right side width: 1.775
- Bottom left width: .275
- Bottom right width: .375 (3 PLC)
- Bottom right width: .100 (TYP)
- Bottom right width: .250 (TYP)
- Bottom right width: .085
- Left side width: .150 (2 PLC)
- Left side width: .100 (TYP)
- Bottom left width: .250 (15 PLC)
- Bottom left width: .100 (3 PLC)
- Bottom left width: .100 (TYP)
- Bottom left width: .250 (TYP)

Feature Callouts:

- Feature 4: A curved line indicating a fillet or transition.
- Feature 5: A vertical line indicating a section cut or feature.
- Feature 6: A circular feature with dimensions $\varnothing .040 \pm .003$ and $\varnothing .004$ (TYP).
- Feature 7: A circular feature with dimensions $\varnothing .098 \pm .002$ and $\varnothing .004$ (TYP).
- Feature 8: A circular feature with dimensions $\varnothing .120 \pm .005$ and $\varnothing .004$ (TYP).
- Feature 9: A circular feature with dimensions $\varnothing .040 \pm .003$ and $\varnothing .004$ (TYP).
- Feature 10: A circular feature with dimensions $\varnothing .098 \pm .002$ and $\varnothing .004$ (TYP).
- Feature 11: A circular feature with dimensions $\varnothing .120 \pm .005$ and $\varnothing .004$ (TYP).
- Feature 12: A circular feature with dimensions $\varnothing .040 \pm .003$ and $\varnothing .004$ (TYP).
- Feature 13: A circular feature with dimensions $\varnothing .098 \pm .002$ and $\varnothing .004$ (TYP).
- Feature 14: A circular feature with dimensions $\varnothing .120 \pm .005$ and $\varnothing .004$ (TYP).
- Feature 15: A circular feature with dimensions $\varnothing .040 \pm .003$ and $\varnothing .004$ (TYP).
- Feature 16: A circular feature with dimensions $\varnothing .098 \pm .002$ and $\varnothing .004$ (TYP).
- Feature 17: A circular feature with dimensions $\varnothing .120 \pm .005$ and $\varnothing .004$ (TYP).
- Feature 18: A circular feature with dimensions $\varnothing .040 \pm .003$ and $\varnothing .004$ (TYP).
- Feature 19: A circular feature with dimensions $\varnothing .098 \pm .002$ and $\varnothing .004$ (TYP).
- Feature 20: A circular feature with dimensions $\varnothing .120 \pm .005$ and $\varnothing .004$ (TYP).

4805 (3/11)

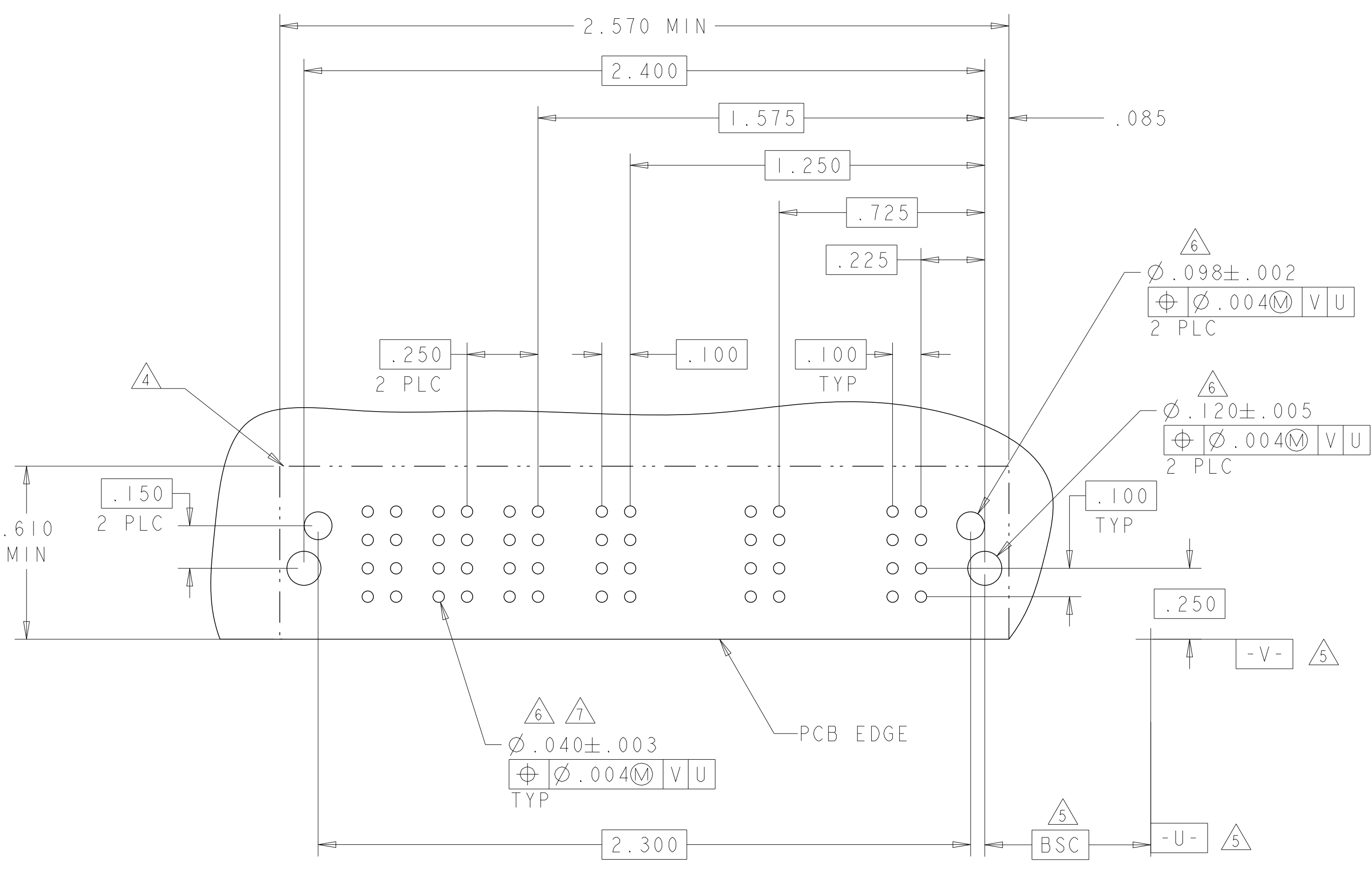
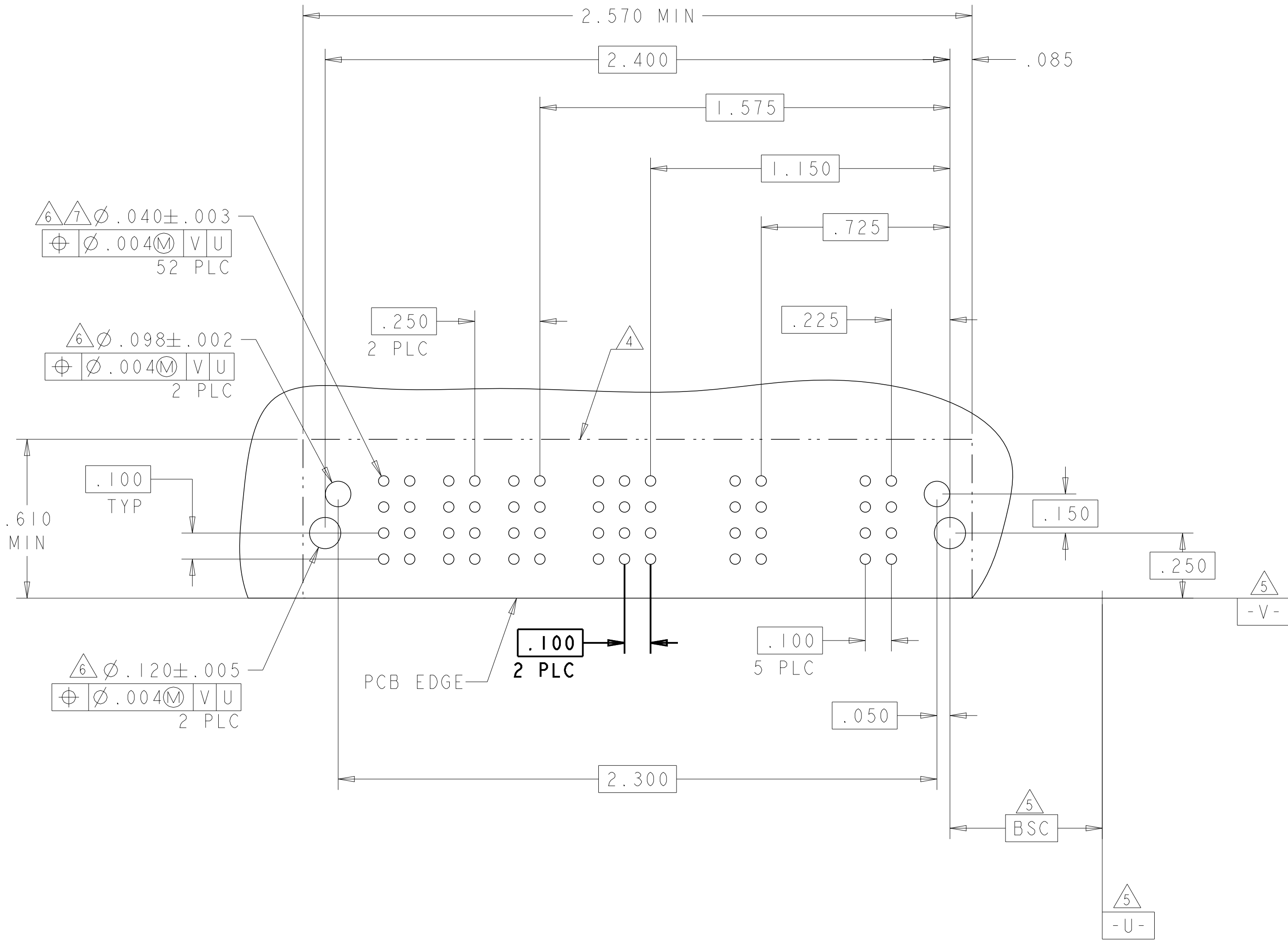
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	SEE SHEET 1	-	-	-	

PART NUMBER	ROWS		POWER			SIGNAL					POWER				
			P6	P5	P4	6	5	4	3	2	1	P3	P2		P1
1-6450870-9	D		RM	RM	RA		H	H	H			RM		RM	
							H	G	G						
							F	F	F						
	A	HD						E	E	E					
3P + 24S + 3P															

NO CONTACT LOADED

PART NUMBER	ROWS		POWER			SIGNAL					POWER				
			P6	P5	P4	6	5	4	3	2	1	P3	P2		P1
2-6450870-0	D		RM	RM	RA		H	H				RM		RM	
						G	G								
						F	F								
	A	HD					E	E							
3P + 24S + 3P															

NO CONTACT LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

C. ZHOU

11OCT2007

CHK

S. ZHAO

11OCT2007

APVD

S. ZHAO

-

DIMENSIONS:

INCHES

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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

MATERIAL -

Customer Drawing

NAME

RIGHT ANGLE RECEPTACLE
SHORT END MODULE
MULTI-BEAM XLE

SIZE

CAGE CODE

DRAWING NO

100779

CAGE CODE

DRAWING NO

6450870

RESTRICTED TO

-

SCALE

3:1

SHEET

12

OF

20

REV

K4

TE Connectivity

PART NUMBER	ROWS		POWER		SIGNAL				POWER		
			P4	P3	4	3	2	1	P2	P1	
2-6450870-2	D		RM	RM	H	H	H	H	RM	RM	
	C				G	G	G	G			
	B				F	F	F	F			
	A	HD			E	E	E	E			HD
2P + 16S + 2P											

1.870 MIN

1.700

1.125

.700

.225

.085

.250

.100
3 PLC

.250

.150
TYP

610
MIN

.100
TYP

.250

-V-

.100
TYP

PCB EDGE

$\phi .040 \pm .003$

$\phi .004$

$\phi .120 \pm .005$

$\phi .004$

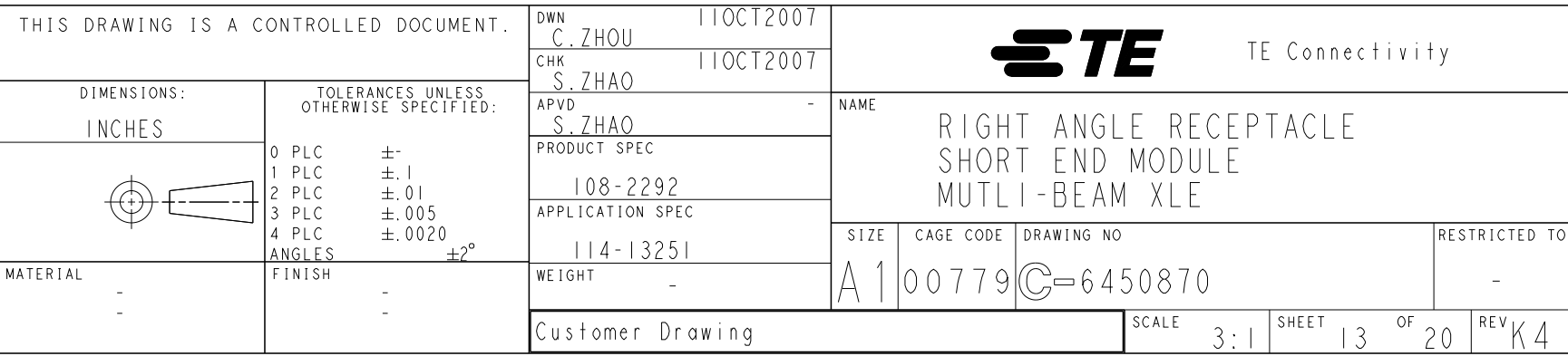
2 PLC

2 PLC

BSC

-U-

1.600

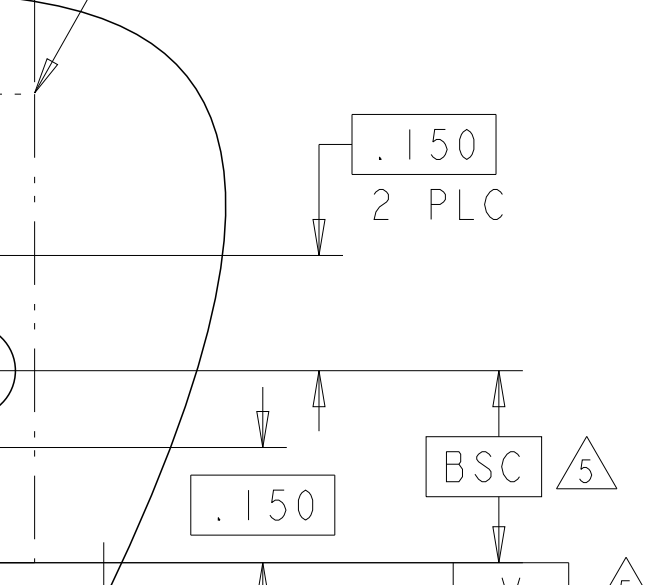
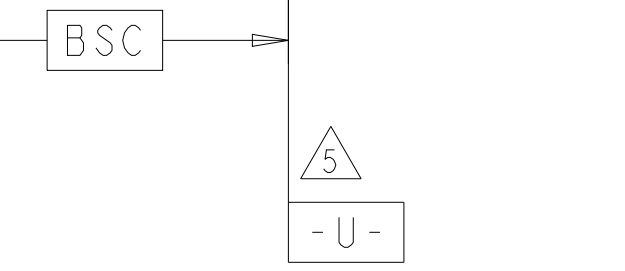


[illegible]

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			HD
--	--	--	----

1



A	00779	C=6450870	-
		SCALE 3:1	SHEET 14 OF 20 REV K4

[illegible]4805 (3/11)

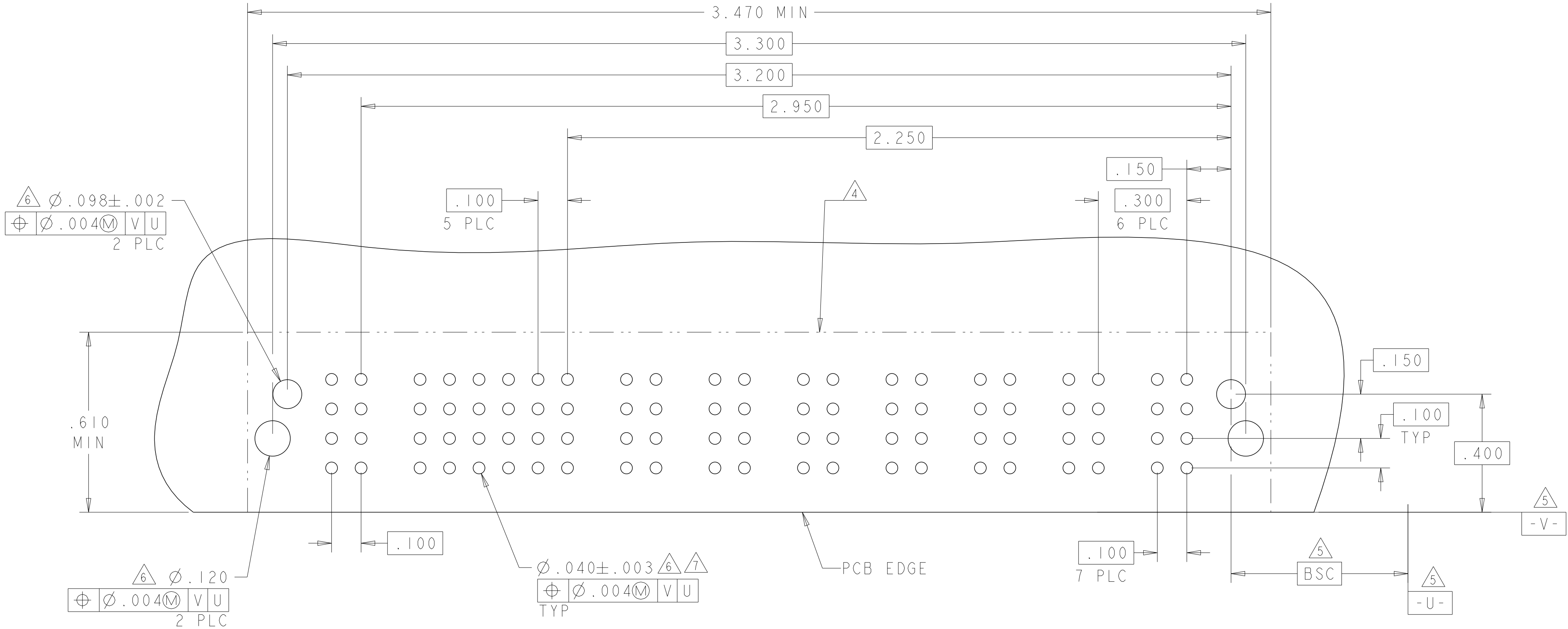
Top view drawing of a PCB. The drawing includes the following dimensions and features:

- Overall width: 2.720 MIN
- Overall length: 2.550
- Left side width: .610 MIN
- Top edge features:
 - Feature 6: $\varnothing .098 \pm .002$, 2 PLC
 - Feature 4: .250, 3 PLC
 - Feature 3: .100, 3 PLC
 - Feature 2: .300, 2 PLC
 - Feature 1: .225
 - Feature 5: .085
 - Feature 5: .050
- Bottom edge features:
 - Feature 6: $\varnothing .120$, 2 PLC
 - Feature 4: $\varnothing .040 \pm .003$, TYP
 - Feature 3: .100 TYP
 - Feature 2: BSC
 - Feature 1: .100
 - Feature 5: .100
 - Feature 5: .100
- PCB EDGE

4805 (3/11)

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

PART NUMBER	ROWS		POWER	SIGNAL						POWER							
				P8	6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	
2-6450870-8	D	C	RA	H	H	H	H	H	H	RM	RM	RM	RM	RM	RM	RA	D
	G			G	G	G	G	G									
	F			F	F	F	F	F									
	E			E	E	E	E	E									
7ACP + 24S + 1P																	



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
C. ZHOU

CHK
S. ZHAO

APVD
S. ZHAO

11OCT2007
11OCT2007
-

DIMENSIONS:
INCHES

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

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

DWN
C. ZHOU

CHK
S. ZHAO

APVD
S. ZHAO

11OCT2007
11OCT2007
-

MATERIAL
-

Customer Drawing

TE Connectivity

RIGHT ANGLE RECEPTACLE
SHORT END MODULE
MULTI-BEAM XLE

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=6450870

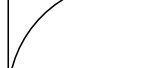
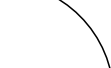
RESTRICTED TO
-

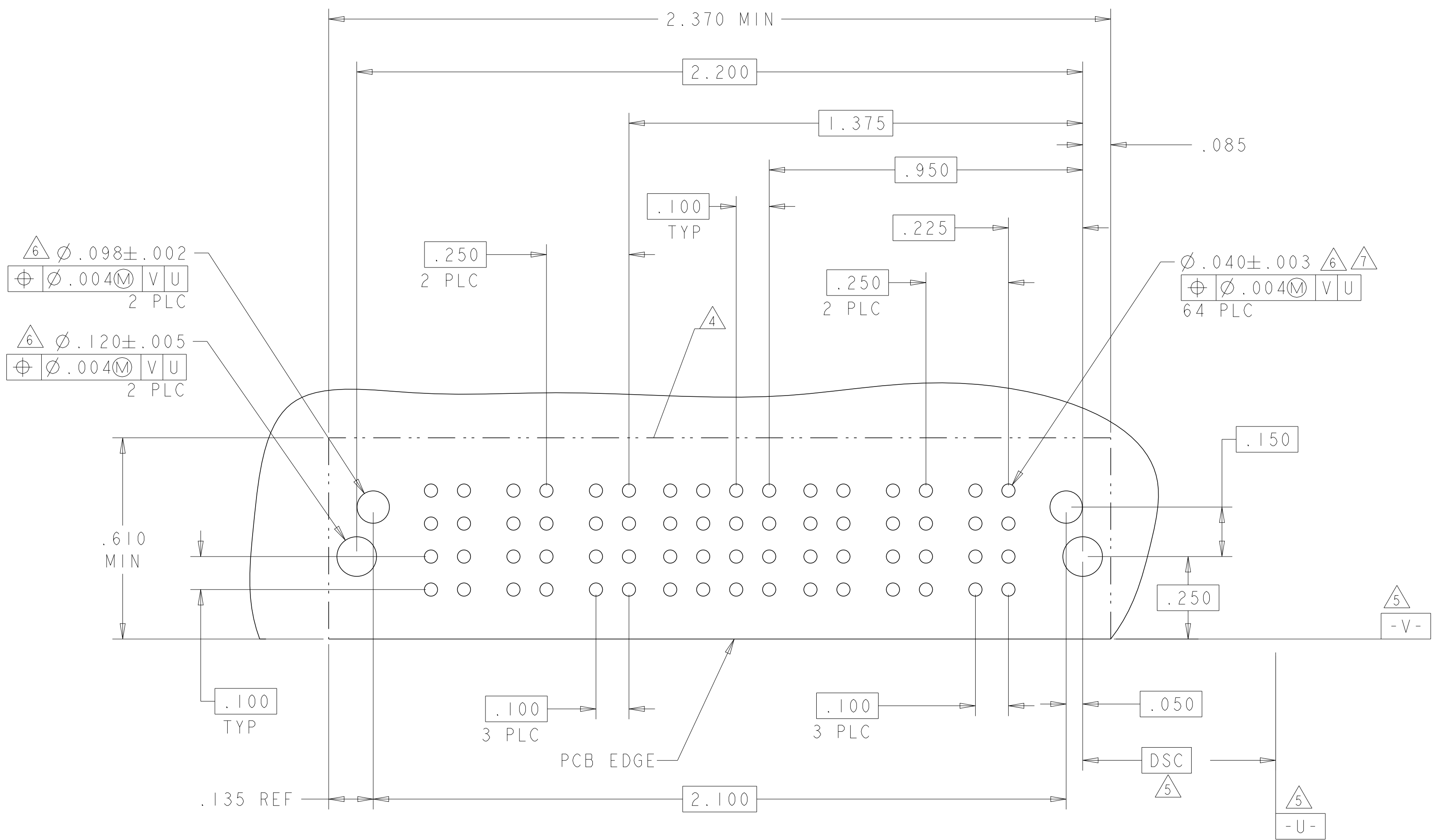
SCALE
3:1

SHEET
17

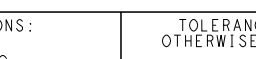
OF
20

REV
K4

PART NUMBER	ROWS		POWER			SIGNAL				POWER				
			P6	P5	P4	4	3	2	1	P3	P2	P1		
3-6450870-0	D C B A					H	H	H	H					
						G	G	G	G					
						F	F	F	F					
						E	E	E	E					
3P + 16S + 3P														



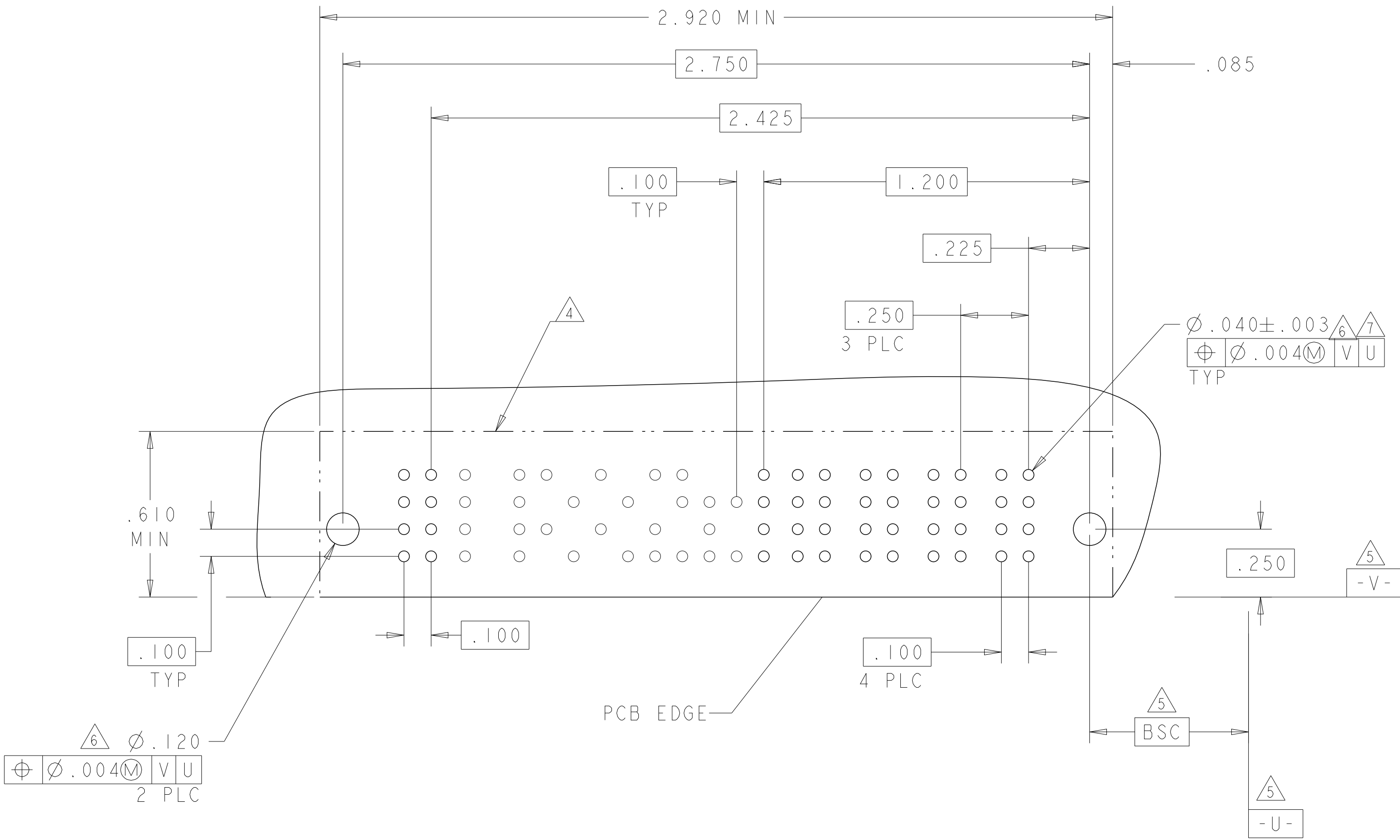
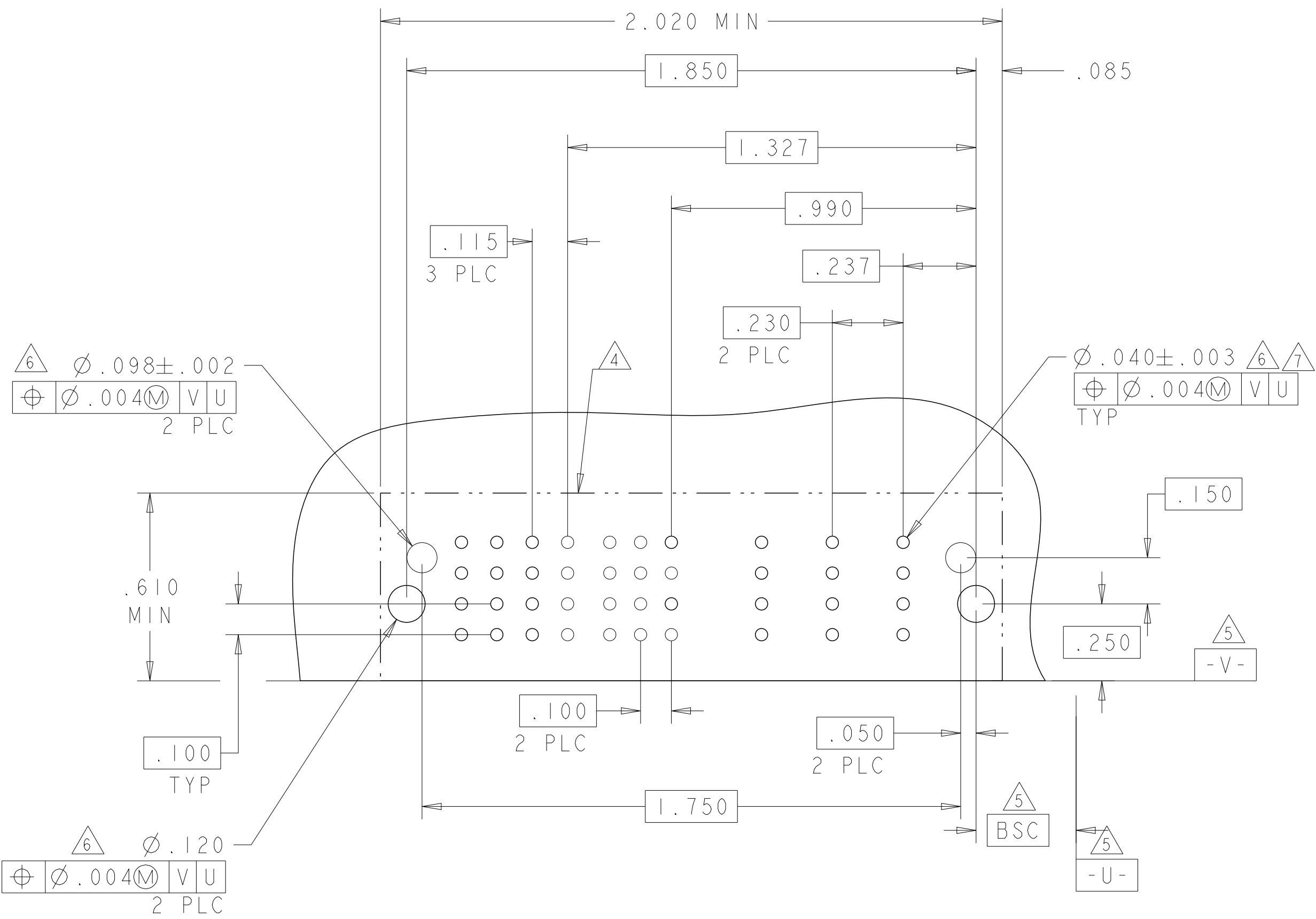
ROW D SIGNAL CONTACT, 0.11 SOLDER TAIL	H
ROW C SIGNAL CONTACT, 0.11 SOLDER TAIL	G
ROW B SIGNAL CONTACT, 0.11 SOLDER TAIL	F
ROW A SIGNAL CONTACT, 0.11 SOLDER TAIL	E
RA RECEPTACLE POWER CONTACT, 0.11 SOLDER TAIL	RM
DESCRIPTION	IDENTIFIER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.ZHOU 110CT12007		 TE Connectivity					
DIMENSIONS: INCHES		CHW S.ZHAO 110CT12007							
		APVD S.ZHAO		NAME RIGHT ANGLE RECEPTACLE SHORT END MODULE MUTLI-BEAM XLE					
		PRODUCT SPEC 108-2292							
		APPLICATION SPEC 114-13251							
		WEIGHT -							
TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
0 PLC ±. 1 PLC ±.1 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±°		FINISH		A		00779		C-6450870	
MATERIAL		SCALE		3:1		SHEET		18 OF 20	
		Customer Drawing				REV		K4	

PART NUMBER	ROWS		LOW POWER				SIGNAL			LOW POWER			
			LP7	LP6	LP5	LP4	3	2	1	LP3	LP2	LP1	
3-6450870-1	D		LM	LM	LM	LM	H	H	H	LM	LM	LM	
	C						G	G	G				
	B						F	F	F				
	A						E	E	E				
3LP + 12S + 4LP													

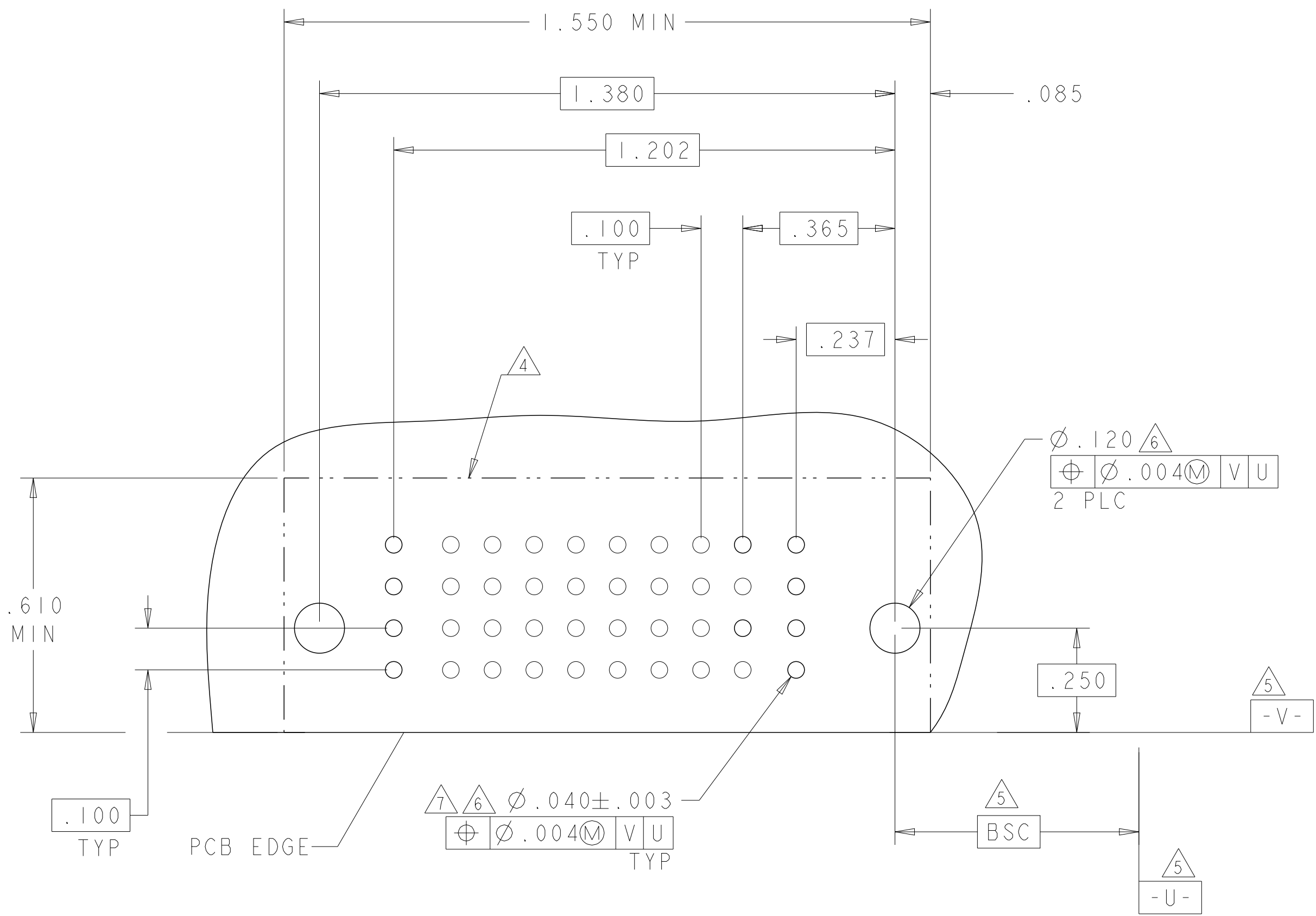
PART NUMBER	ROWS			POWER	SIGNAL											POWER				
				P5	12	11	10	9	8	7	6	5	4	3	2	1	P4	P3	P2	
3-6450870-2	D		RM	H		H	H		H		H	H			H	RM	RM	RM	RM	
	C			G		G		G		G	G	G	G							
	B			F		F	F		F		F		F	F						
	A			E		E		E		E	E	E	E	E						
4P + 48S + 1P																				

BLANK SIGNAL PINS ARE UNLOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. ZHOU	11OCT2007	 TE Connectivity			
DIMENSIONS: INCHES		CHK S. ZHAO	11OCT2007				
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. ZHAO	-	NAME		
	1 P/LC ±.1		PRODUCT SPEC		RIGHT ANGLE RECEPTACLE SHORT END MODULE MULTI-BEAM XLE		
	2 P/LC ±.01		108-2292				
	3 P/LC ±.005		APPLICATION SPEC				
	4 P/LC ±.0020		114-13251				
MATERIAL	ANGLES ±.7°		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO
	FINISH		WEIGHT		A100779C=6450870		-
			Customer Drawing		SCALE 3:1		SHEET 19 OF 20

PART NUMBER	ROWS		LOW POWER	SIGNAL								LOW POWER	
			LP2	8	7	6	5	4	3	2	1	LP1	
3-6450870-4	D		LM	H	H	H	H	H	H	H	H	LM	
	C			G	G	G	G	G	G	G			
	B			F	F	F	F	F	F	F	F		
	A	E		E	E	E	E	E	E	E			
ILP + 32S + ILP													



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 110CT2007 C.ZHOU		 TE Connectivity	
		CWH 110CT2007 S.ZHAO			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.1 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES FINISH		NAME RIGHT ANGLE RECEPTACLE SHORT END MODULE MULTI-BEAM XLE	
		PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251		SIZE A1	
MATERIAL		WEIGHT		CAGE CODE DRAWING NO. RESTRICTED TO	
				©=6450870 -	
Customer Drawing				SCALE 3:1 SHEET 20 OF 20 REV K4	