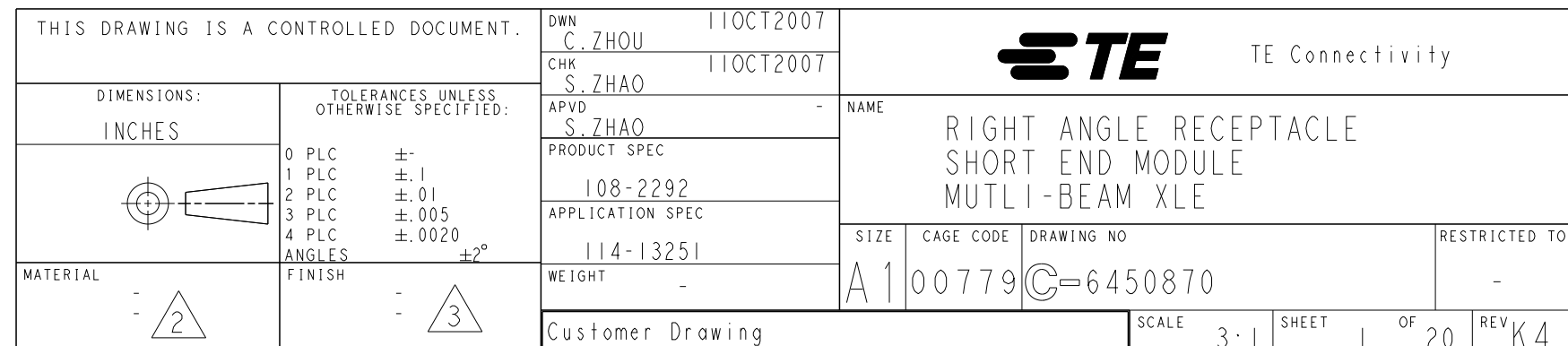
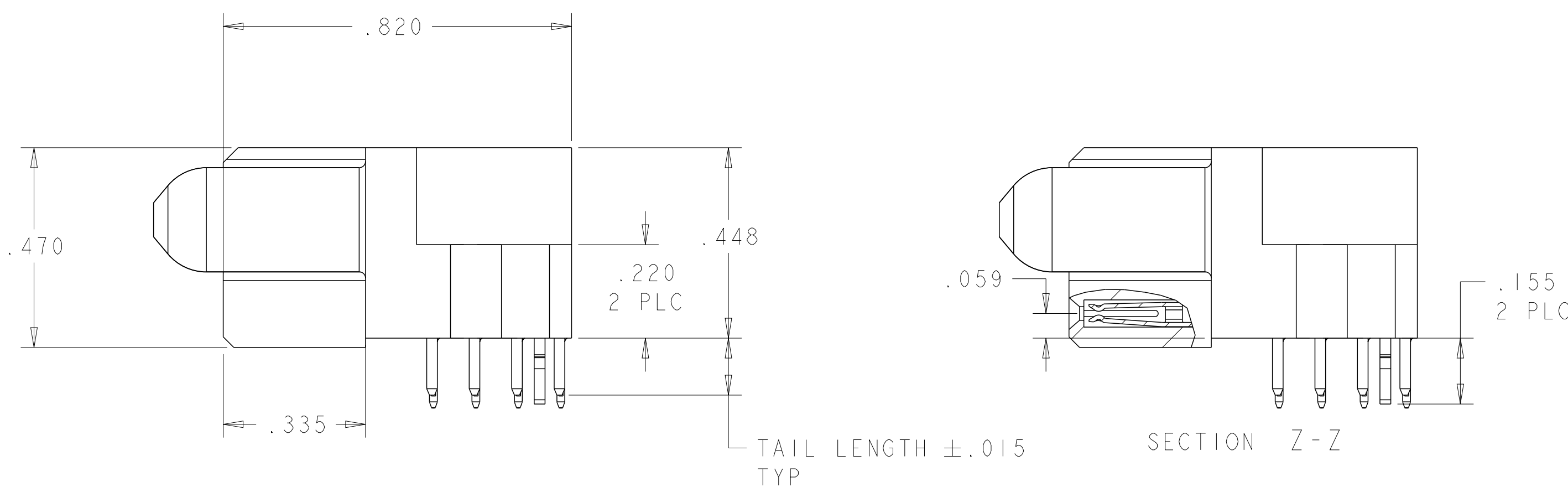
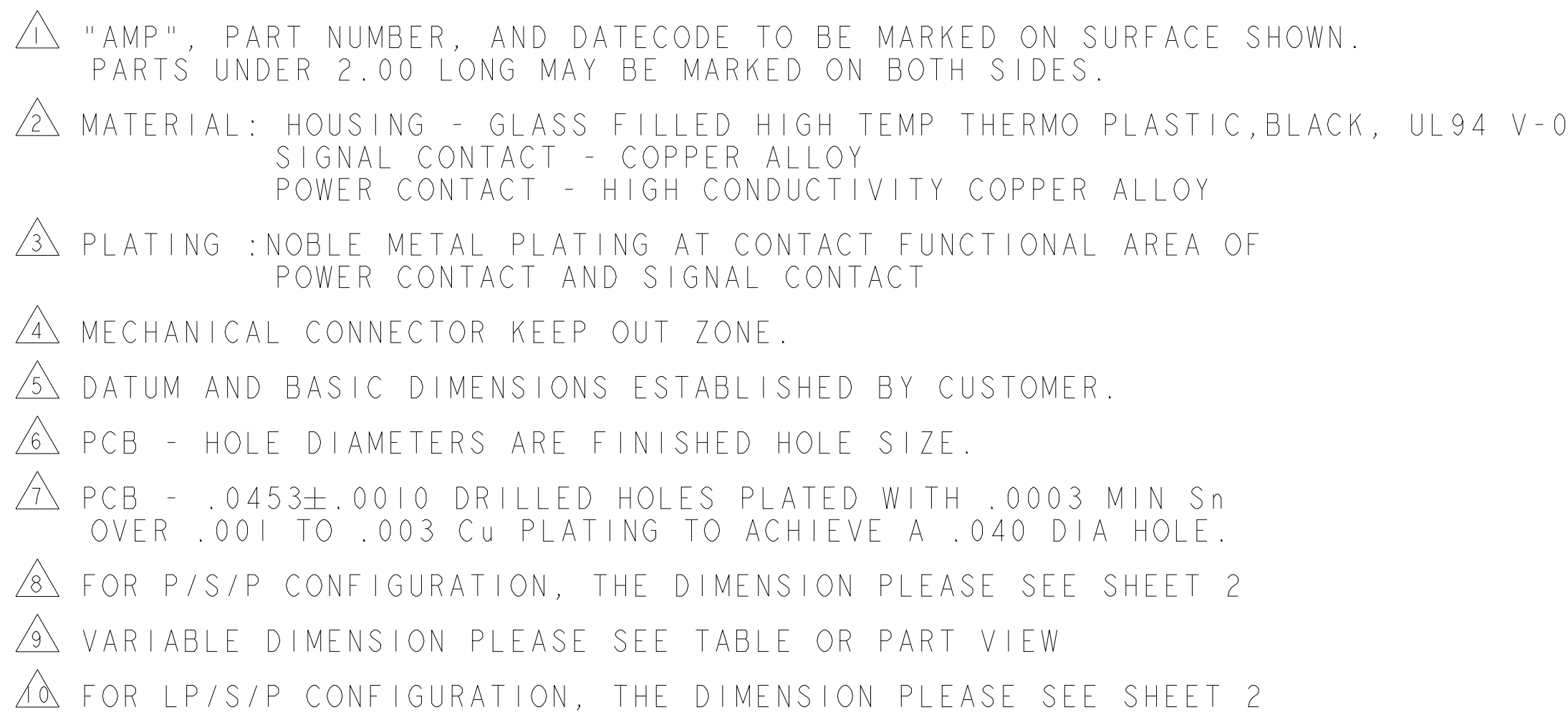
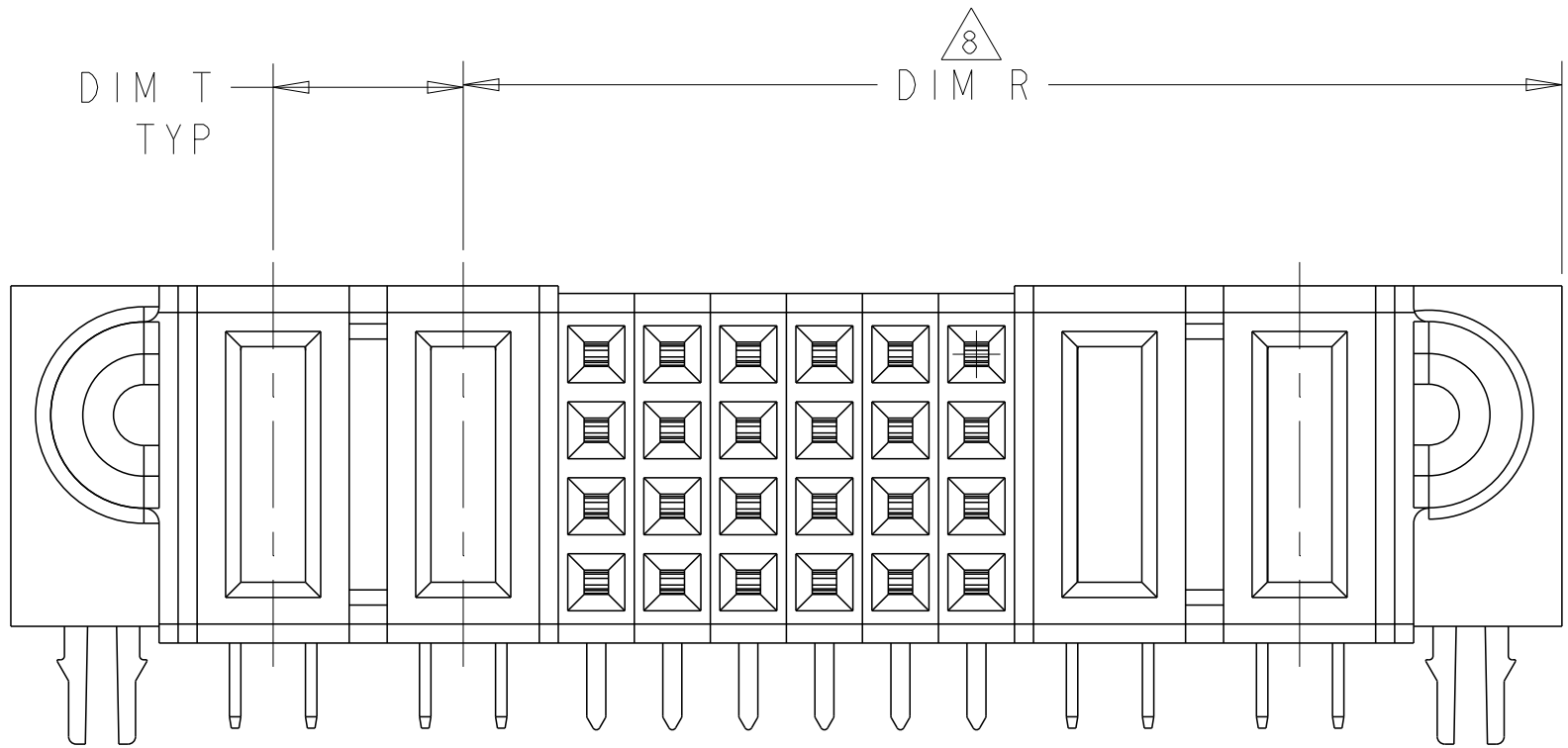
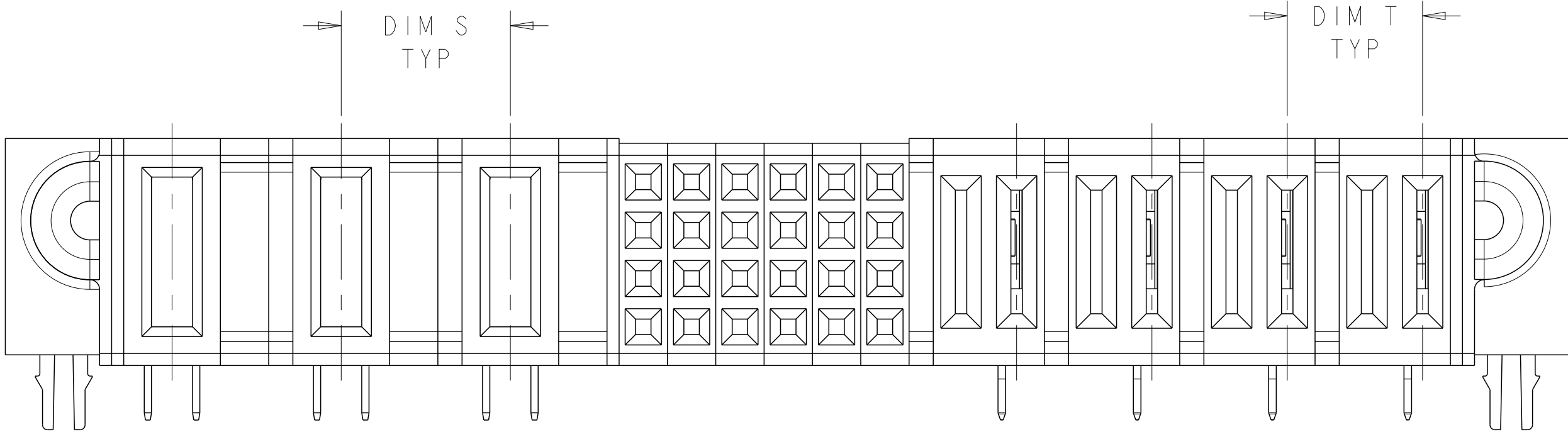




LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-



FOR PART NUMBER 6450870-2,6450870-3,6450870-4,6450870-5,THE OTHER DIMENSION REFER TO TABLE OF SHEET 1.



FOR LP/S/P CONFIGUTION (2-6450870-1),THE OTHER DIMENSION REFER TO TABLE OF SHEET 1.

.135	1.380	1.170	-	-	1.2425	.435	-	1.520	.2775	1LP + 32S + 1LP	3-6450870-4
.090	2.650	2.440	.250	.250	1.920	1.045	2.550	2.790	.370	3P + 32S + 3P	3-6450870-3
.135	2.650	2.540	-	.250	2.545	1.270	2.750	2.890	.345	4P + 48S + 1P	3-6450870-2
.135	1.850	1.640	.230	.230	1.3675	1.060	1.750	1.990	.2775	3LP + 12S + 4LP	3-6450870-1
.110	2.200	1.990	.250	.250	1.150	.675	2.100	2.340	.170	3P + 16S + 3P	3-6450870-0
.135	1.100	.890	-	-	.895	.570	1.000	1.240	.345	1P + 8S + 1P	2-6450870-9
.135	3.300	3.090	-	.300	3.120	2.370	3.200	3.440	.320	7ACP + 24S + 1P	2-6450870-8
.135	2.550	2.340	.250	.300	1.595	1.120	2.450	2.690	.345	3ACP + 16S + 4P	2-6450870-6
.135	4.000	3.790	.250	.250	2.770	1.520	3.900	4.140	.320	5P + 48S + 5P	2-6450870-5
.135	1.975	1.765	.250	.300	1.520	1.195	1.875	2.115	.345	3ACP + 8S + 2P	2-6450870-4
.135	1.380	1.170	-	-	1.2425	.435	-	1.520	.2775	1LP + 32S + 1LP	2-6450870-3
.135	1.700	1.490	.250	.250	1.245	.770	1.600	1.840	.345	2P + 16S + 2P	2-6450870-2
.135	3.095	2.885	.280	.350	2.190	1.415	2.995	3.235	.3025	8LP + 24S + 3P	2-6450870-1
.135	2.400	2.190	.250	.250	1.695	.870	2.300	2.540	.345	3P + 24S + 3P	2-6450870-0
.135	2.400	2.190	.250	.250	1.695	.870	2.300	2.540	.345	3P + 24S + 3P	1-6450870-9
.135	6.200	5.990	.250	.375	2.195	1.845	6.100	6.340	.395	4P + 12S + 16P	1-6450870-8
.135	3.775	3.565	.375	.375	2.445	2.045	3.675	3.915	.345	5ACP + 12S + 4ACP	1-6450870-6
.135	2.020	1.810	-	.300	1.0775	.870	1.920	2.160	.320	2ACP + 8S + 4LP	1-6450870-5
.135	2.295	2.085	.215	.215	1.465	.865	2.195	2.435	.2775	3LP + 20S + 4HDP	1-6450870-4
.135	4.500	4.290	.300	.300	3.220	2.695	4.400	4.640	.370	8ACP + 16S + 4ACP	1-6450870-3
.135	2.260	2.050	-	.300	1.7775	1.145	2.160	2.400	.345	3ACP + 24S + 4LP	1-6450870-2
.135	1.700	1.490	.200	.200	1.295	.720	1.600	1.840	.345	2P + 20S + 2P	1-6450870-1
.135	1.600	1.390	.200	.200	1.195	.720	1.500	1.740	.345	2P + 16S + 2P	1-6450870-0
.135	2.200	1.990	.200	.200	1.795	.720	2.100	2.340	.345	2P + 40S + 2P	6450870-9
.135	2.650	2.440	.250	.250	1.920	1.045	2.550	2.790	.370	3P + 32S + 3P	6450870-8
.135	3.100	2.890	.230	.230	2.5025	1.945	3.000	3.240	.320	8HDP + 20S + 5LP	6450870-7
.135	1.400	1.190	-	-	1.195	.520	1.300	1.540	.345	1P + 24S + 1P	6450870-5
.135	2.400	2.190	.250	.250	1.695	.870	2.300	2.540	.345	3P + 24S + 3P	6450870-4
.135	1.900	1.690	.250	.250	1.445	.770	1.800	2.040	.345	2P + 24S + 2P	6450870-3
.135	1.575	1.365	-	-	1.320	.595	1.475	1.715	.370	1P + 24S + 1P	6450870-2
.135	1.880	1.670	-	.250	1.6025	.770	1.780	2.020	.345	2P + 32S + 2LP	6450870-1
TAIL LENGTH	DIM V	DIM U	DIM T	DIM S	DIM R	DIM W	DIM D	DIM L	DIM K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

-

DWN
C. ZHOU
CHK
S. ZHAO
APVD
S. ZHAO

11OCT2007
11OCT2007

NAME

PRODUCT SPEC
108-2292

APPLICATION SPEC
114-13251

WEIGHT

-

Customer Drawing

TE Connectivity

RIGHT ANGLE RECEPTACLE
SHORT END MODULE
MUTLI-BEAM XLE

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450870

RESTRICTED TO

-

SCALE
3:1

SHEET
2

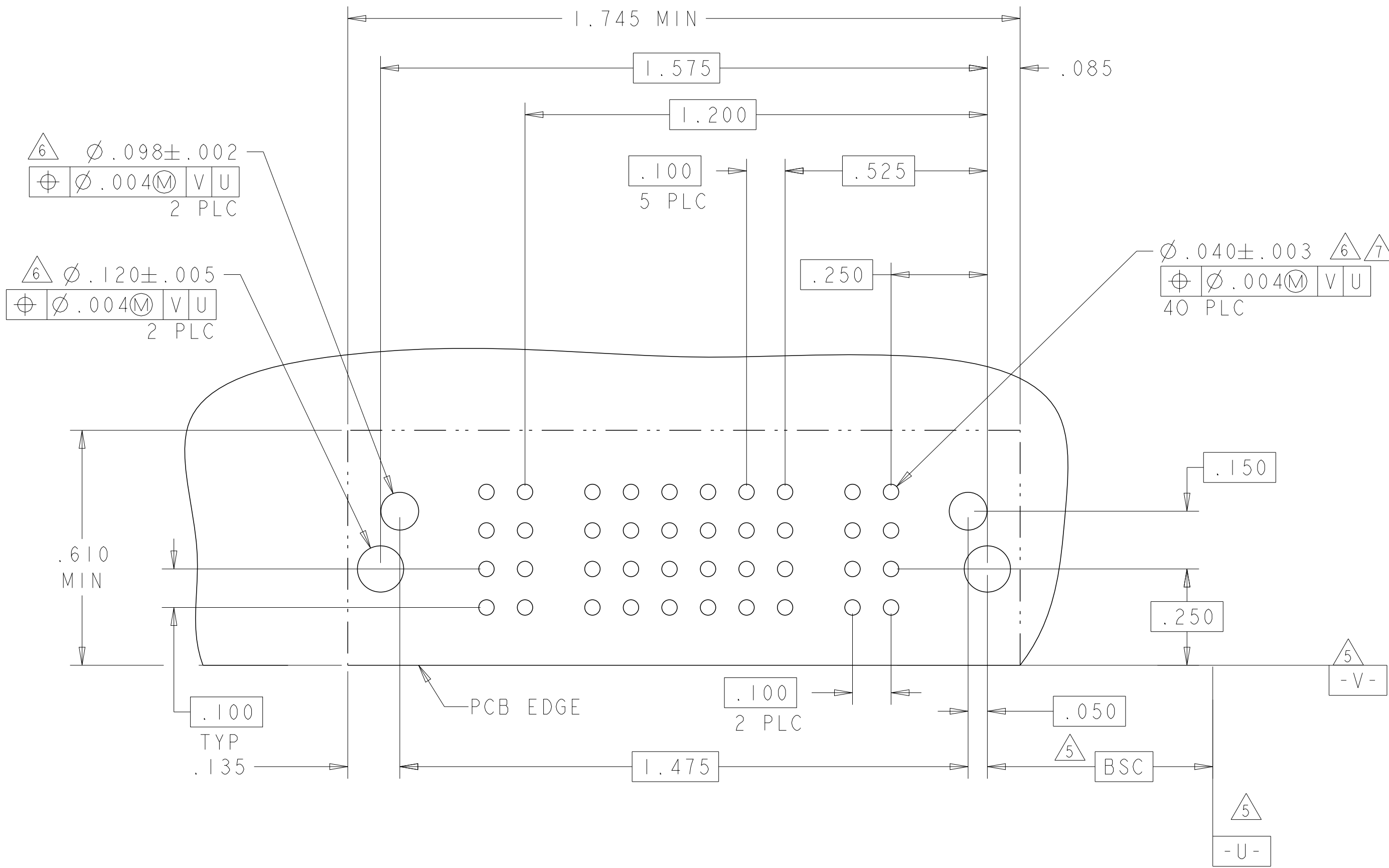
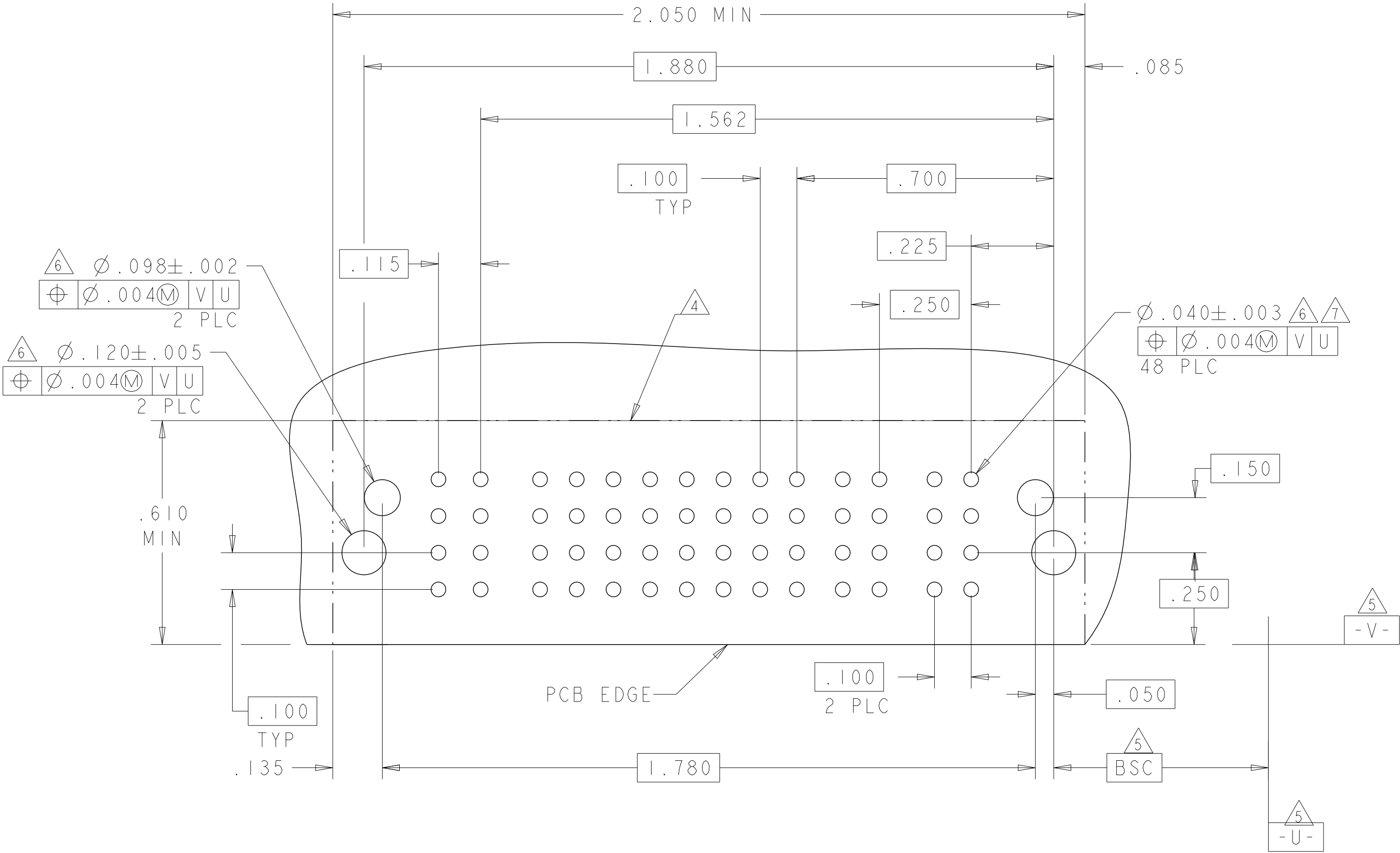
OF
20

REV
K4

LOC		DIST		REVISONS			
P	LYR	DESCRIPTION			DATE	DWN	APVD
-	-	SEE SHEET 1			-	-	-

PART NUMBER	ROWS		POWER		SIGNAL								POWER		
			LP2	LPI	8	7	6	5	4	3	2	1	P2	P1	
6450870-1	D		LM	LM	H	H	H	H	H	H	H	H	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				
2P + 32S + 2LP															

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



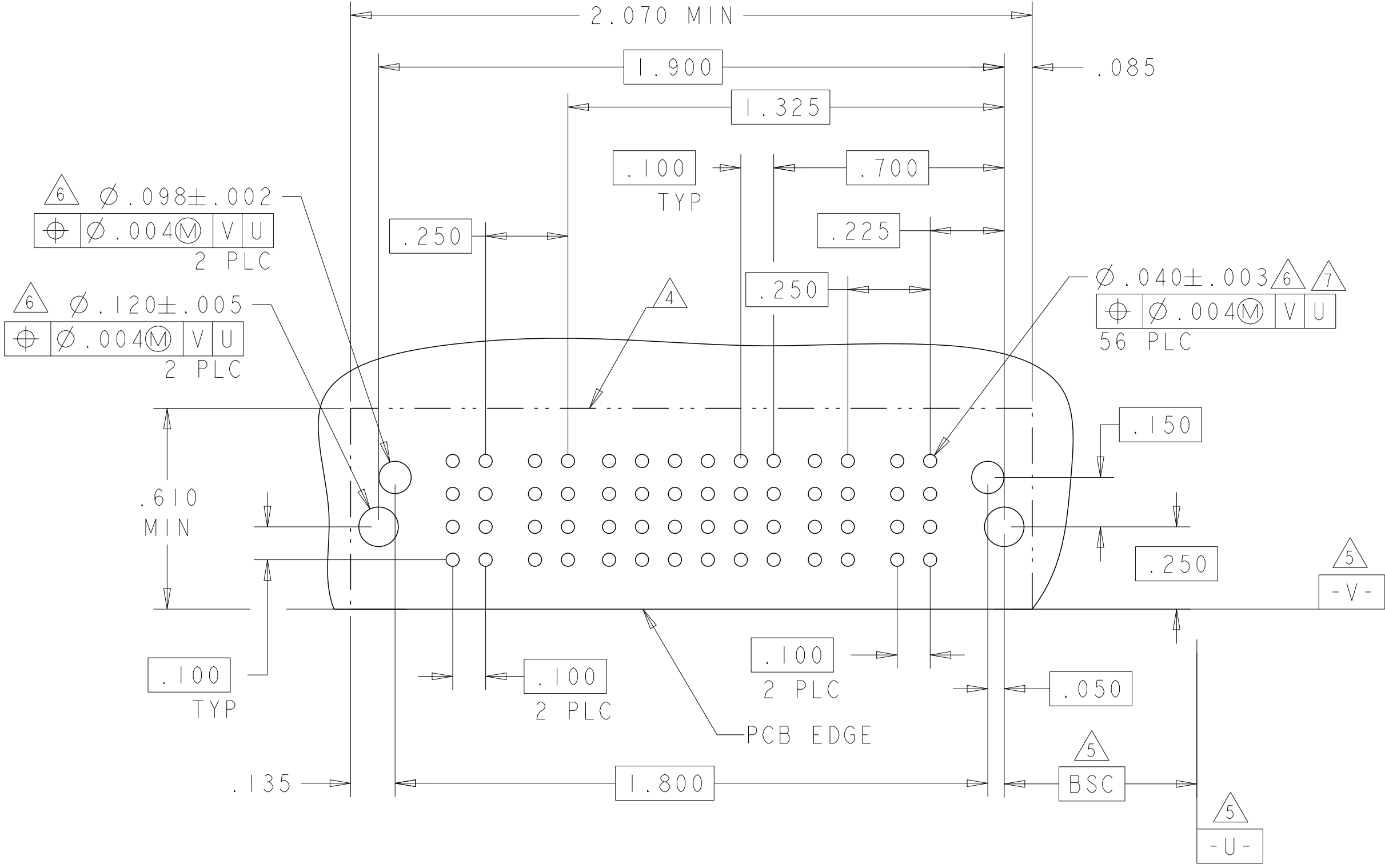
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW D	H
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW C	G
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW B	F
STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW A	E
MFBL POWER CONTACT, .135 TAIL LENGTH	RA
STD POWER CONTACT, .135 TAIL LENGTH	RM
LOWER POWER CONTACT, .135 TAIL LENGTH	LM

DESCRIPTION				IDENTIFIER	
THIS DRAWING IS A CONTROLLED DOCUMENT.					
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.1 1 PLC ±.1 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° FINISH			
MATERIAL		WEIGHT		RESTRICTED TO	
-		-		-	
Customer Drawing				REV K4	

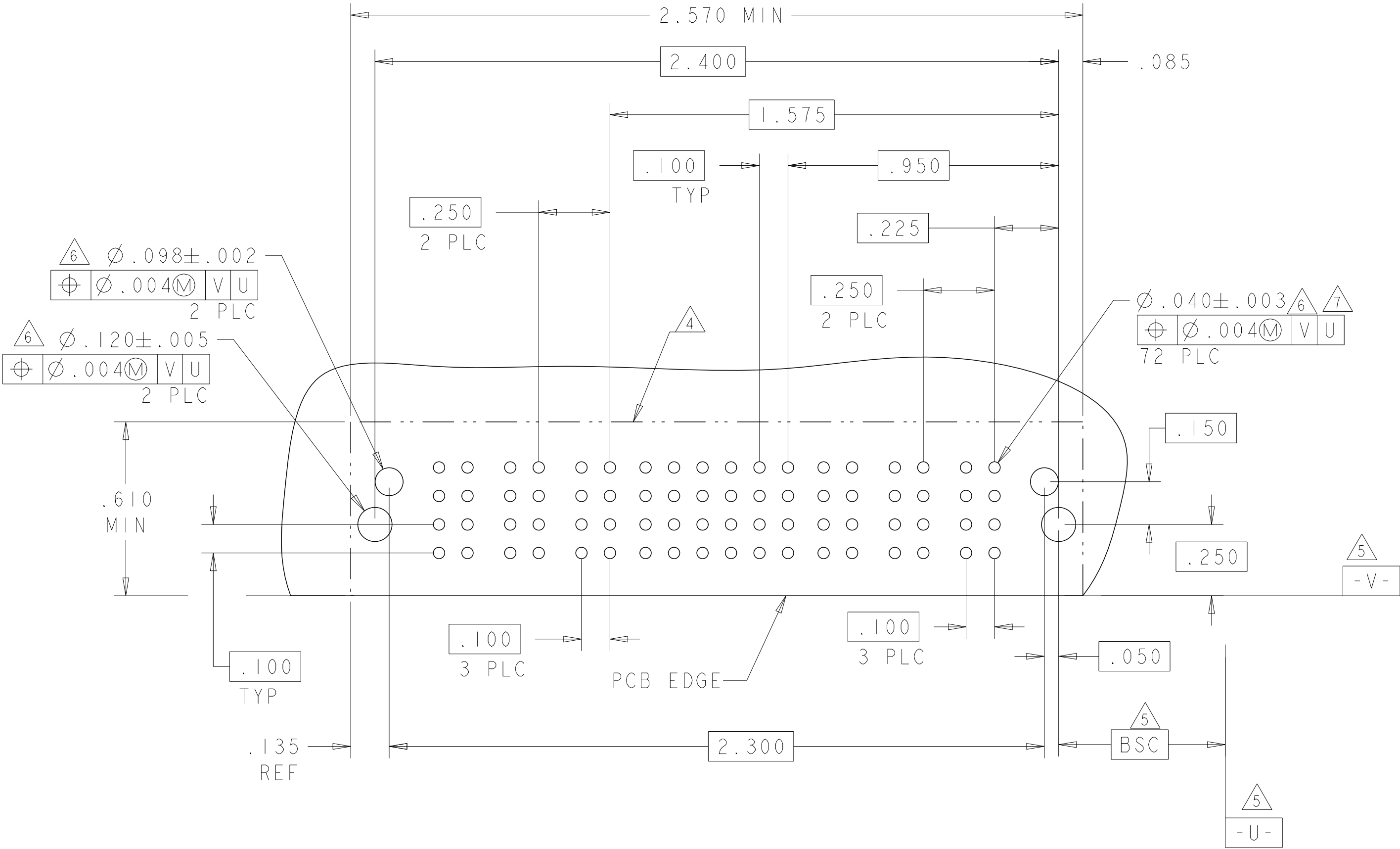
DWN C_ZHOU 11OCT2007		 TE Connectivity									
CHK S_ZHAO 11OCT2007											
APVD S_ZHAO -		RIGHT ANGLE RECEPTACLE SHORT END MODULE MUTLI-BEAM XLE									
PRODUCT SPEC											
108-2292											
APPLICATION SPEC											
114-13251		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
A1		100779		C=6450870				-			
SCALE		3:1		SHEET		3		OF 20		REV	

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

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



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															

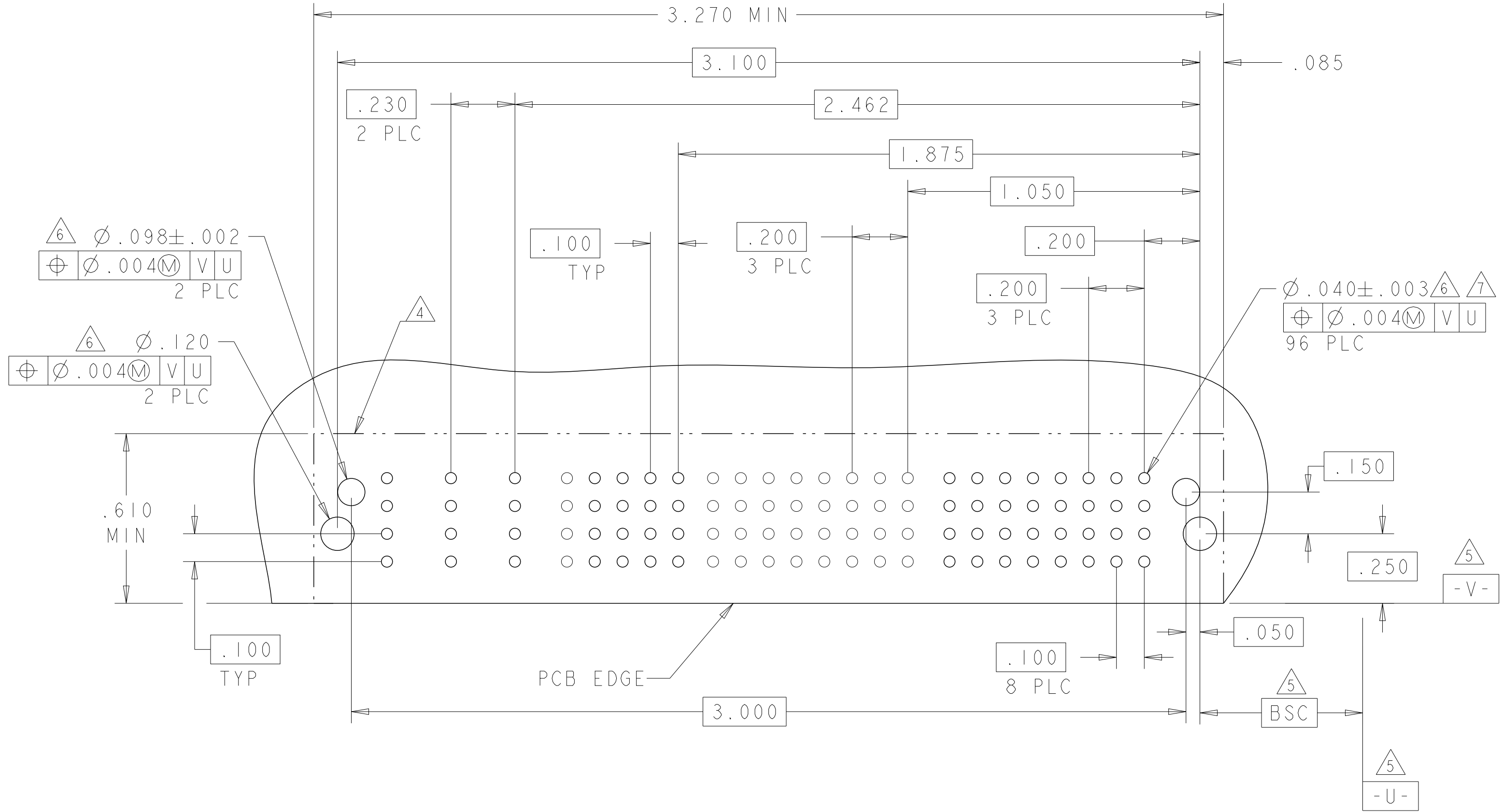
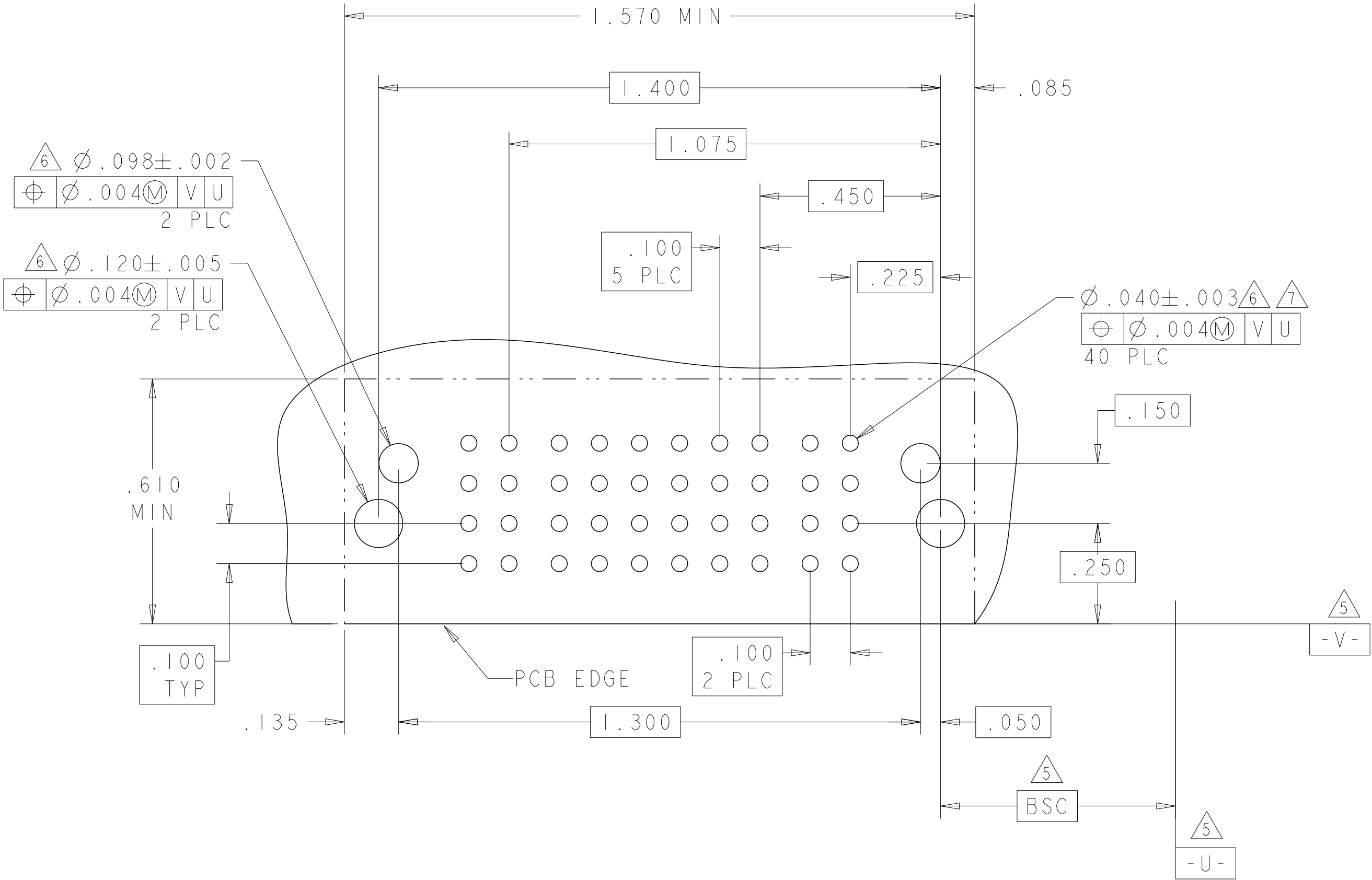


LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

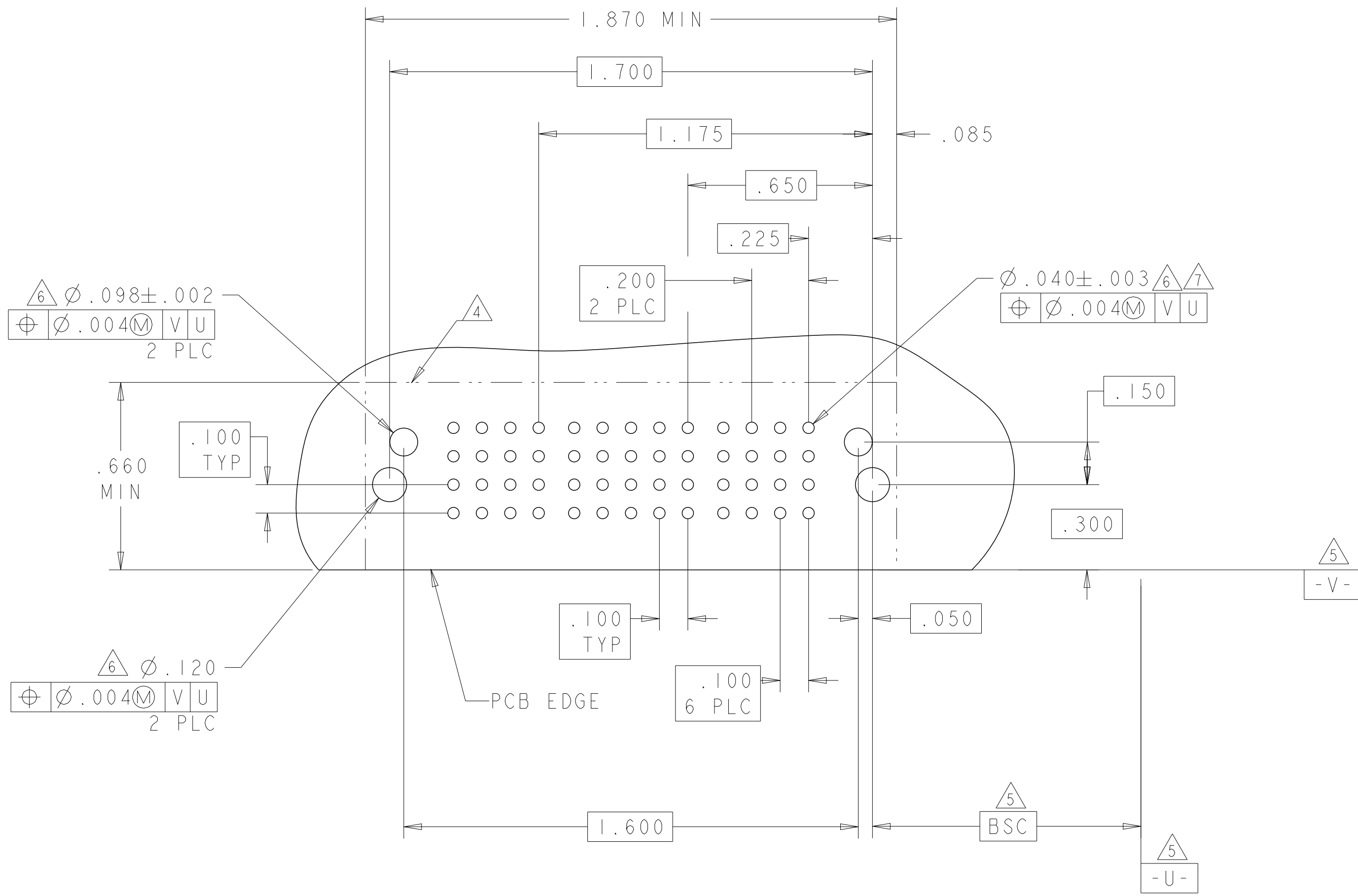
PART NUMBER	ROWS		POWER	SIGNAL						POWER	
			P2	6	5	4	3	2	1	P1	
6450870-5	D C B A	HD	RM	H	H	H	H	H	H	RM	HD
				G	G	G	G	G	G		
				F	F	F	F	F	F		
				E	E	E	E	E	E		
IP + 24S + IP											

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																						

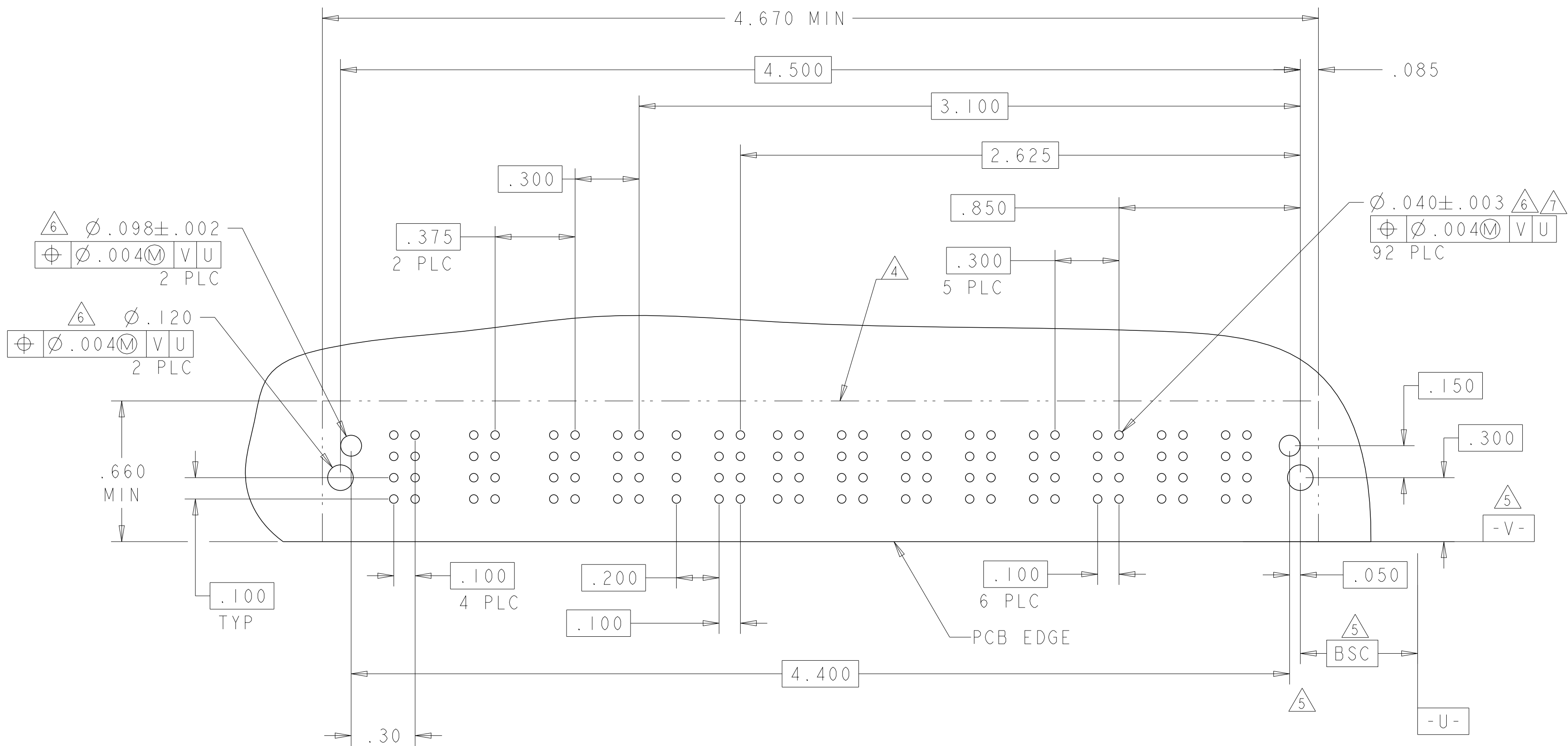
Δ
.250
6 PLC
 Δ
.200



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)

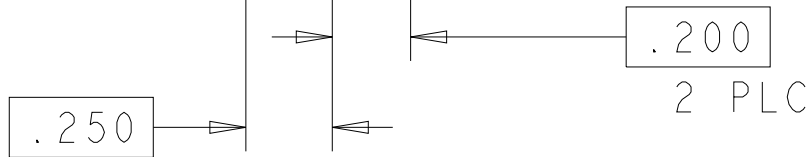
PART NUMBER	ROWS		POWER				SIGNAL				POWER								
			P12	P11	P10	P9	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1	
1-6450870-3	D		RM	RM	RM	RA	H	H		H	RA	RA	RA	RA	RM	RM	RM	RM	
	G						G		G										
	F						F		F										
	E						E		E										
A																			
8ACP + 16S + 4ACP																			



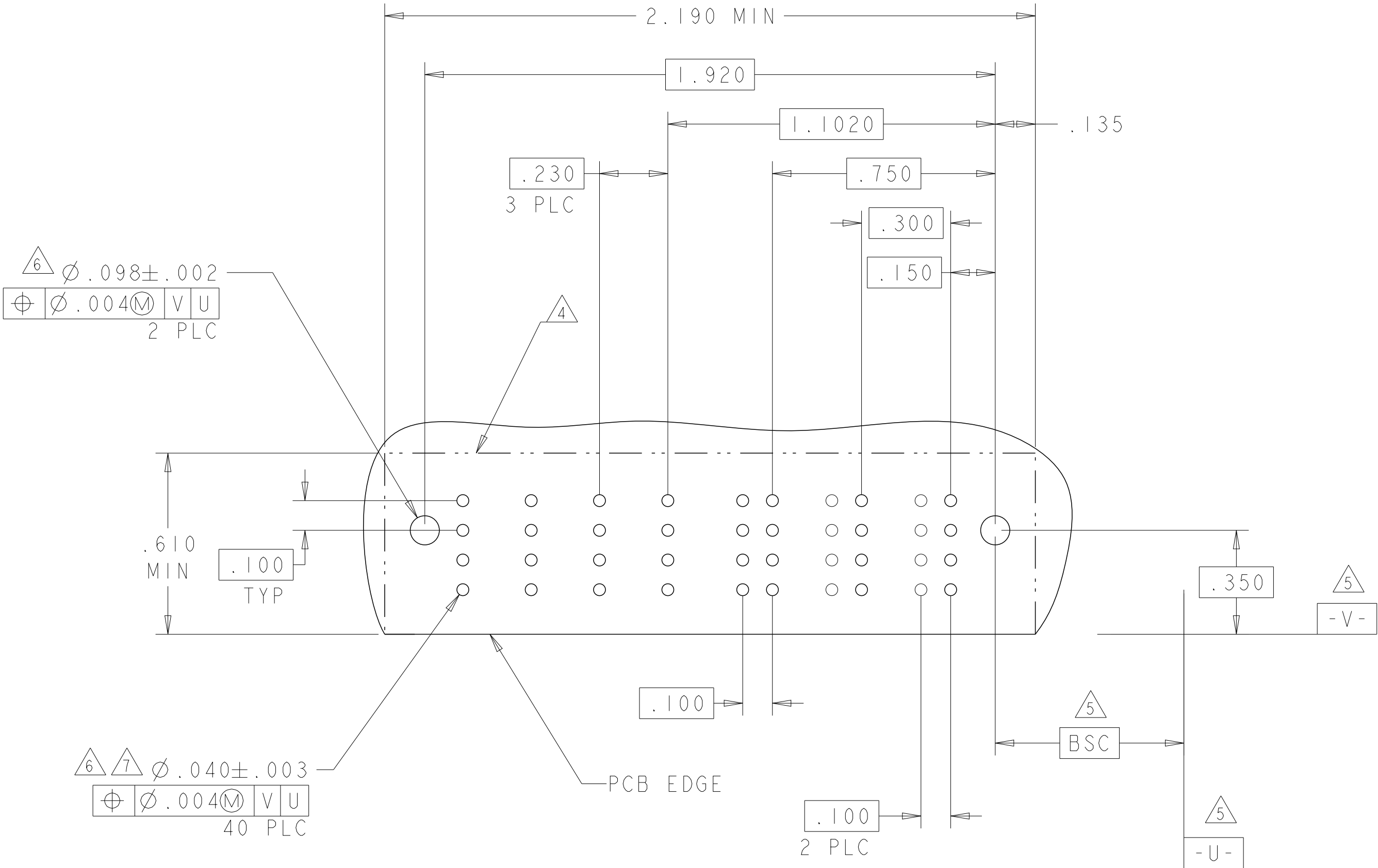
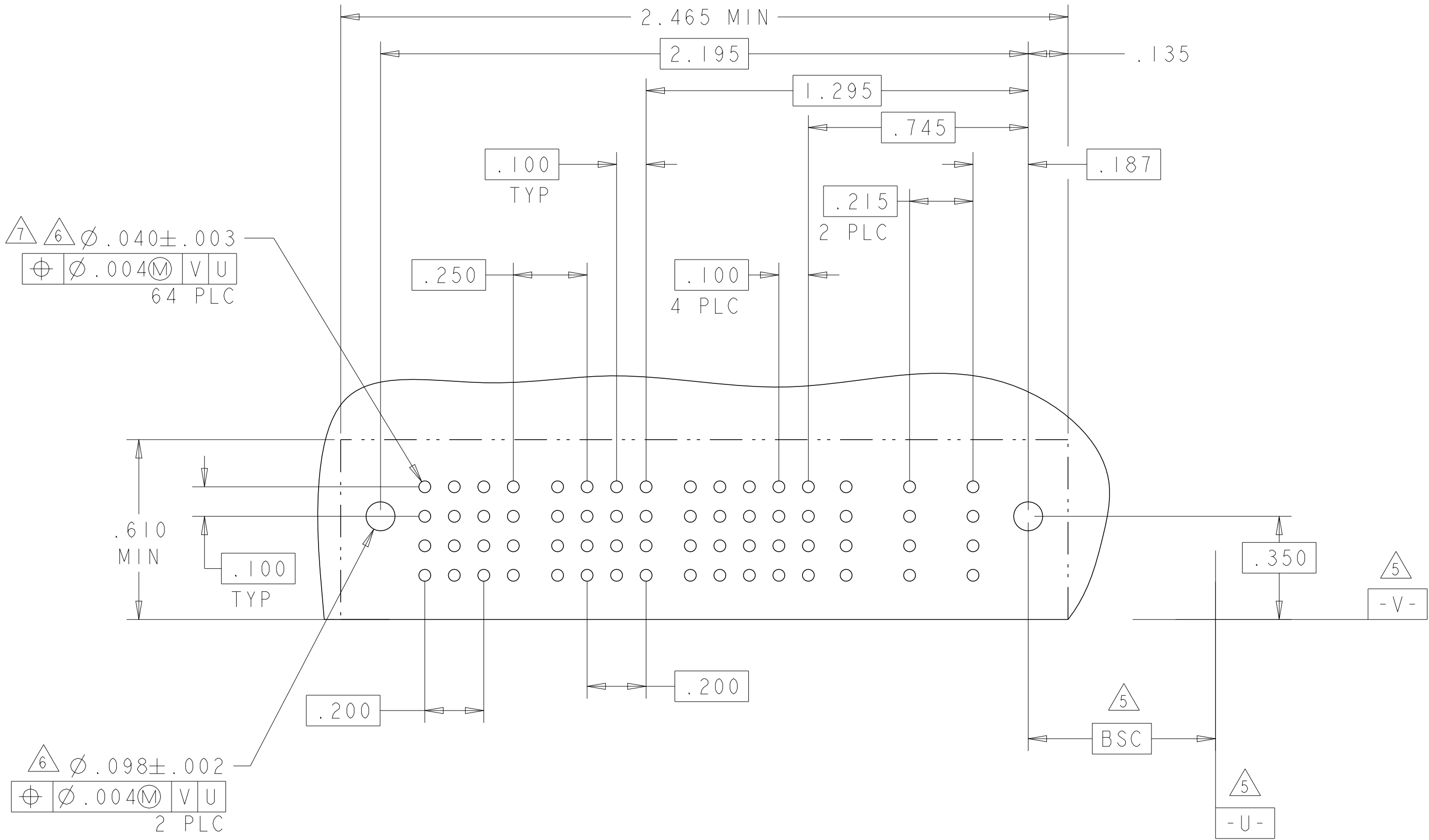
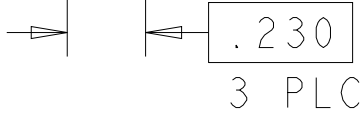
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.ZHOU 110CT2007		 TE Connectivity	
		CHW S.ZHAO 110CT2007			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE RECEPTACLE SHORT END MODULE MUTLI-BEAM XLE	
		APVD S.ZHAO			
		PRODUCT SPEC 108-2292			
		APPLICATION SPEC 114-13251			
		WEIGHT -			
MATERIAL		FINISH		SIZE A	
				CAGE CODE 00779	
				DRAWING NO. C-6450870	
				RESTRICTED TO -	
				SCALE 3:1	
				SHEET 8 OF 20	
				REV K4	
Customer Drawing					

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																



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



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

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

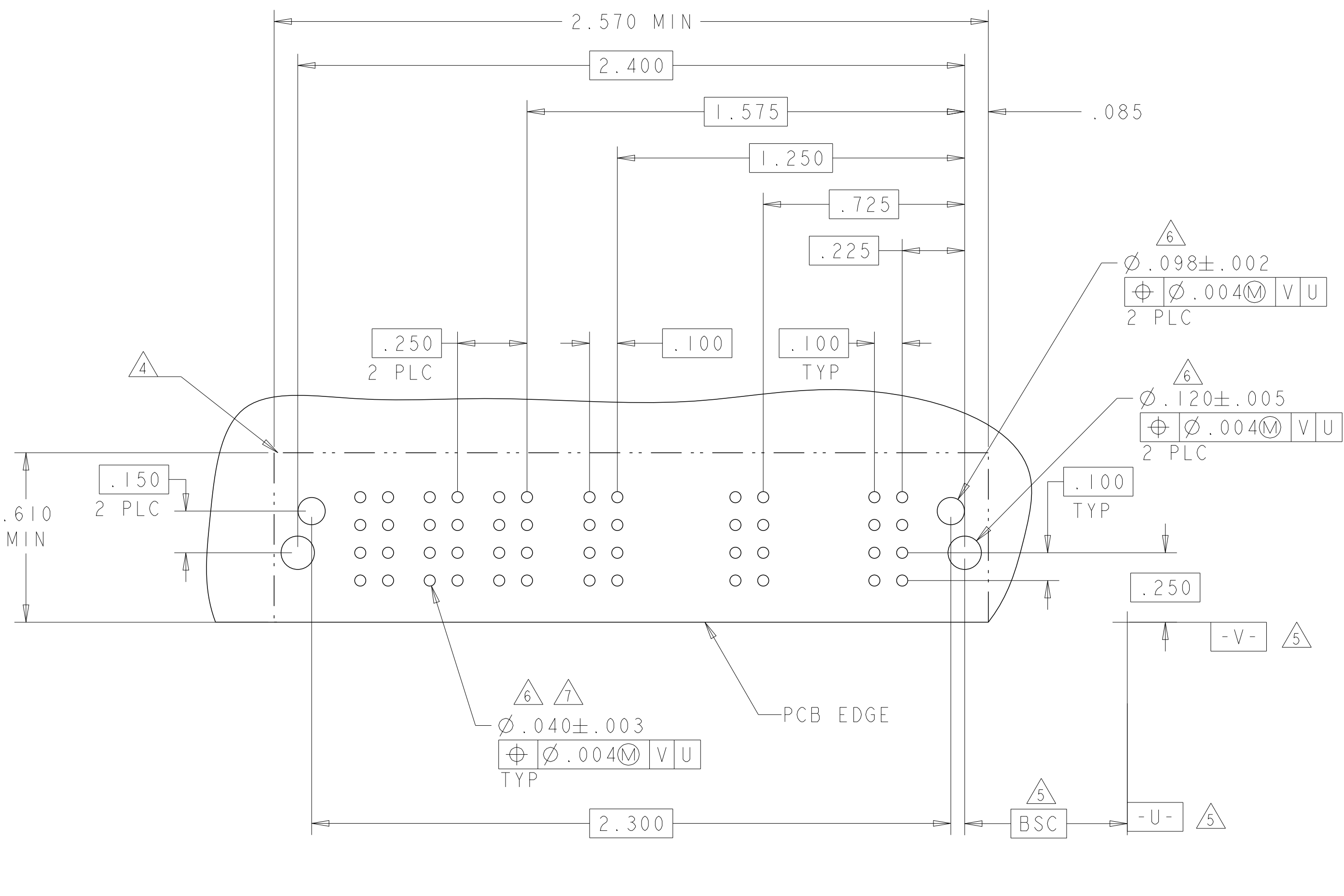
TE Connectivity

[illegible]4805 (3/11)

[illegible]4805 (3/11)

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	
	C							G	G						
	B						F	F							
	A					HD		E	E						
3P + 24S + 3P															

-NO CONTACT LOADED

4805 (3/11)

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	
	G				G	G	G				
	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

$\varnothing .040 \pm .003$

$\varnothing .120 \pm .005$

$\varnothing .004$ U V
2 PLC

$\varnothing .004$ U V
2 PLC

BSC

-U-

6

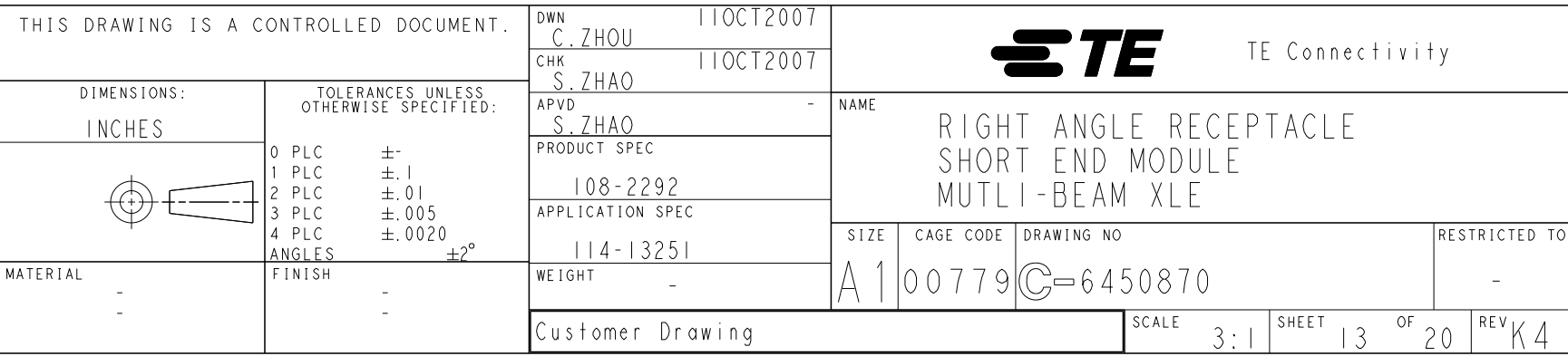
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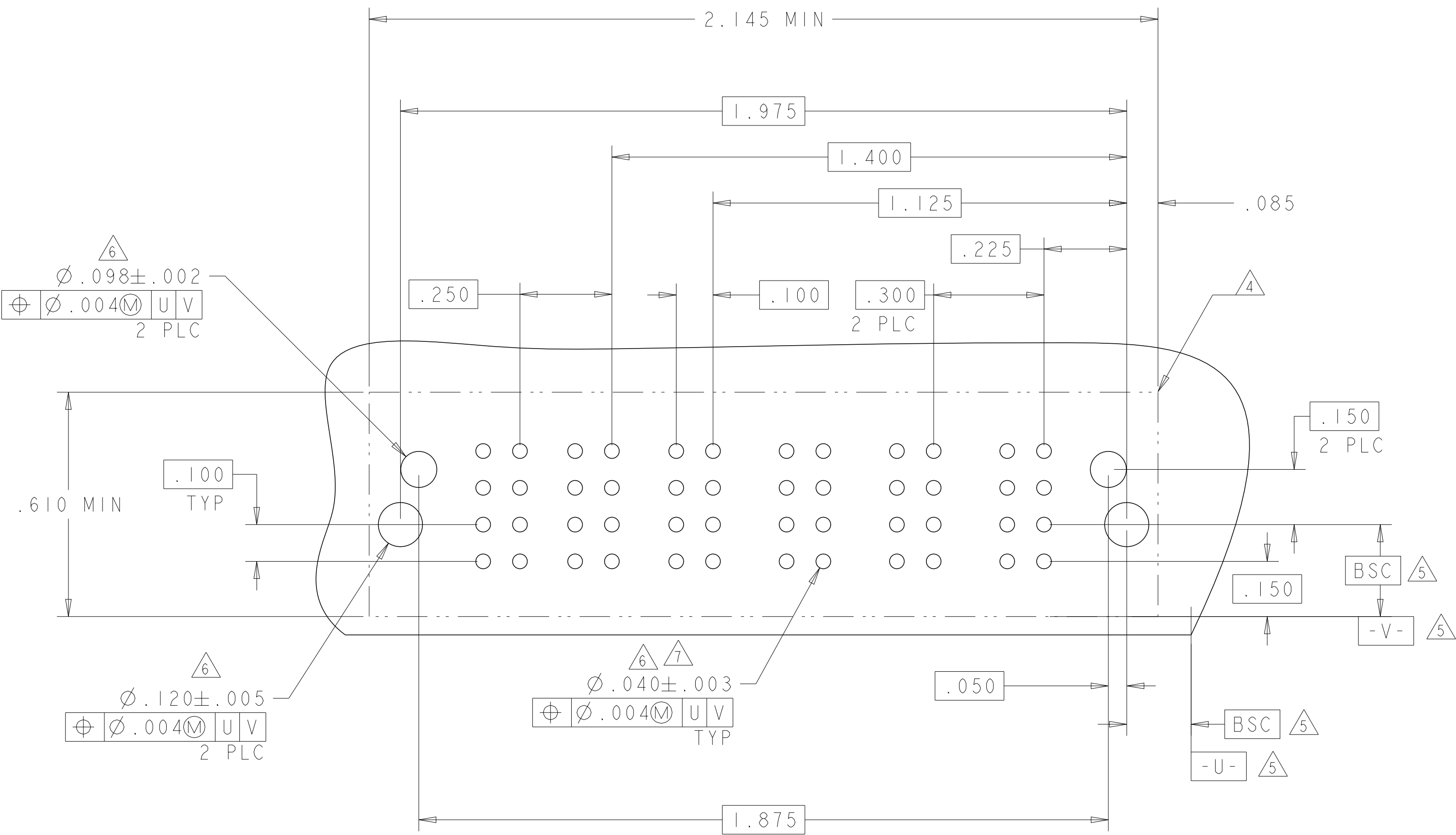
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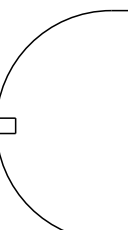
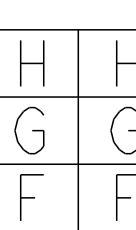
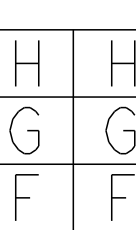
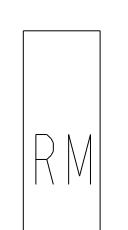
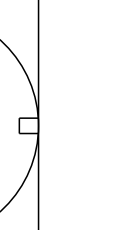
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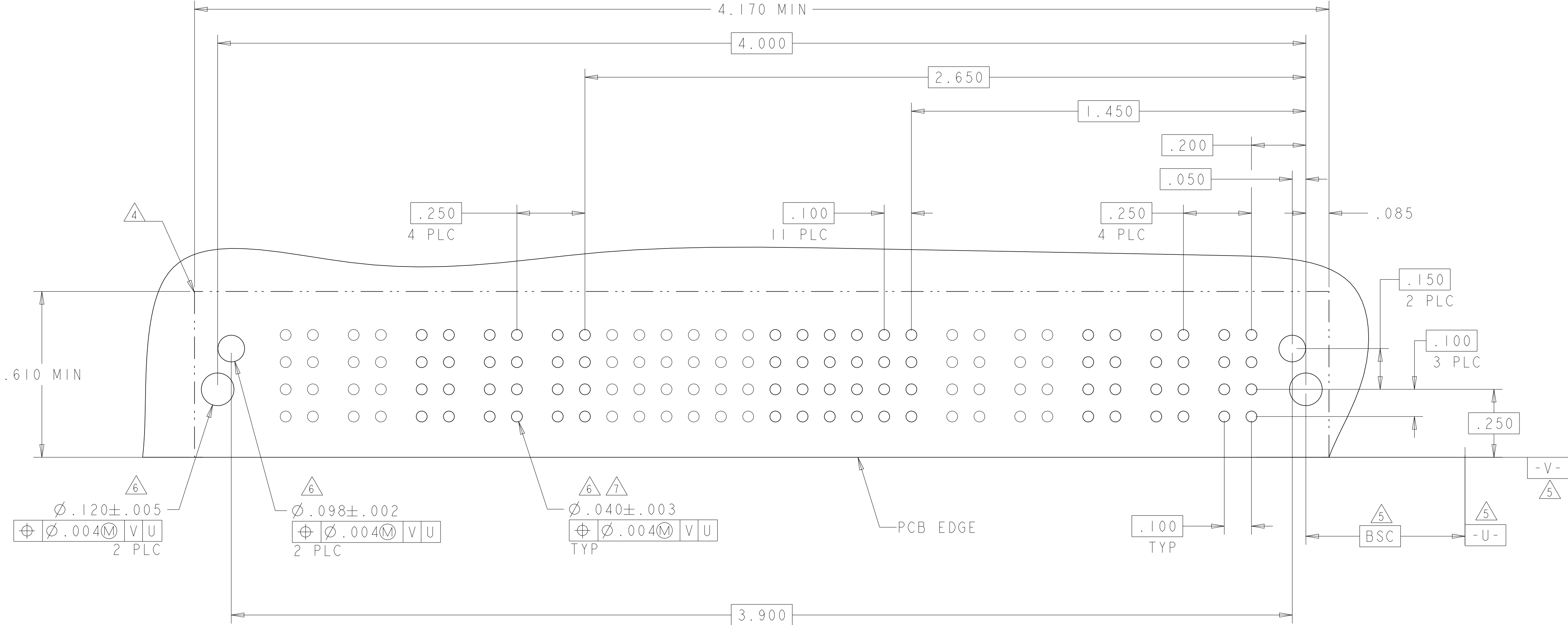


PART NUMBER	ROWS			POWER		SIGNAL		POWER		
		P5	P4	2	1	P3	P2	P1		
2-6450870-4	D		RM	RM	H	H	RA	RM	RM	
	C				G	G				
	B				F	F				
	A				E	E				
3ACP + 8S + 2P										

$$3ACP + 8S + 2F$$
4805 (3/11)

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

PART NUMBER	ROWS		POWER					SIGNAL											POWER						
			P10	P9	P8	P7	P6	12	11	10	9	8	7	6	5	4	3	2	1	P5	P4	P3	P2		P1
2-6450870-5	D C B A							H	H	H	H	H	H	H	H	H	H	H							
								G	G	G	G	G	G	G	G	G	G	G						G	
								F	F	F	F	F	F	F	F	F	F	F						F	F
								E	E	E	E	E	E	E	E	E	E	E						E	E
5P + 48S + 5P																									



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
C. ZHOU

CHK
S. ZHAO

APVD
S. ZHAO

11OCT2007
11OCT2007
-

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.1

1 PLC ±.1

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES #2°

FINISH -

MATERIAL -

DWN
C. ZHOU

CHK
S. ZHAO

APVD
S. ZHAO

11OCT2007
11OCT2007
-

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

15

OF

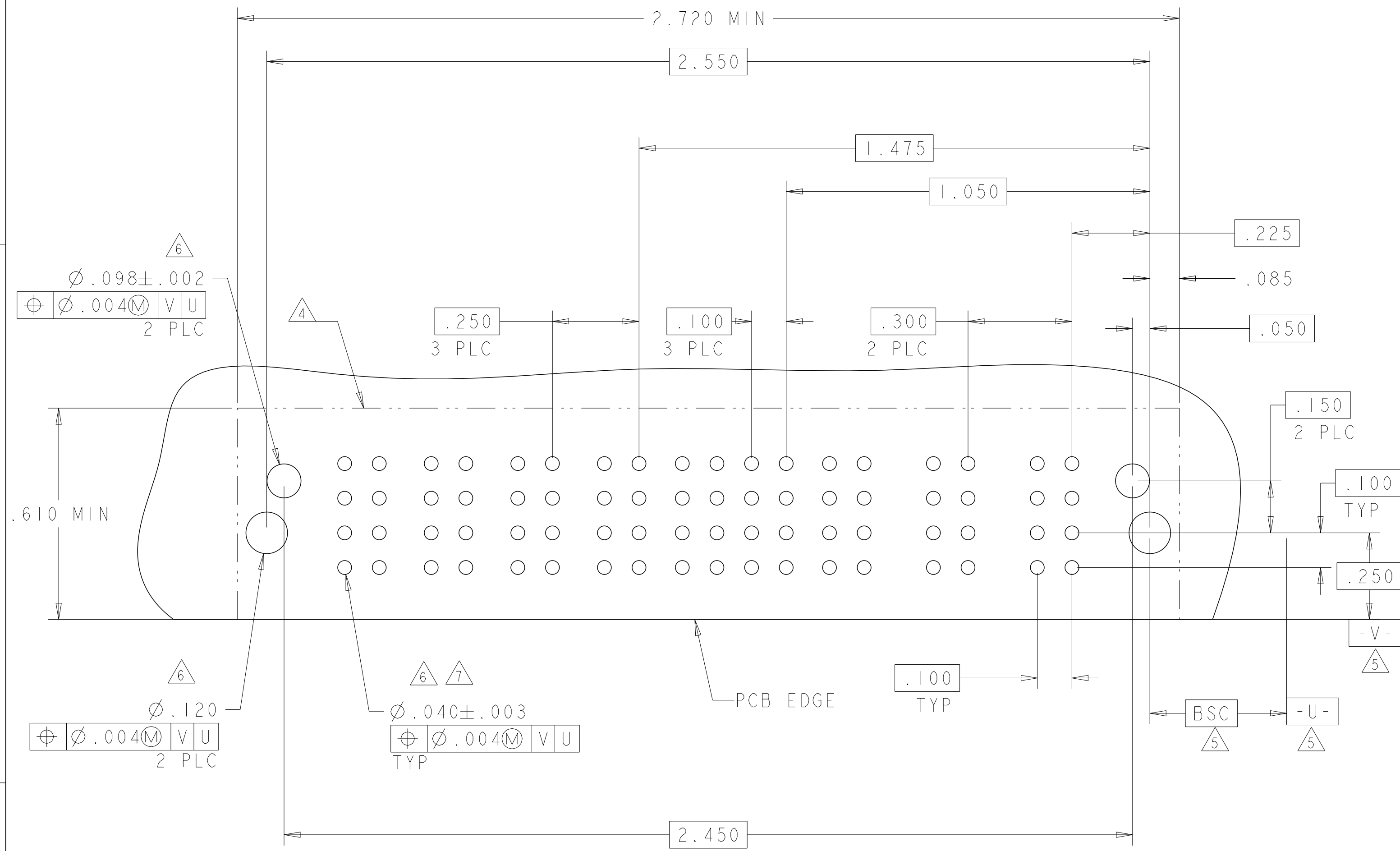
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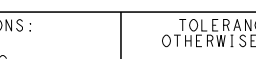
REV

K4

TE Connectivity

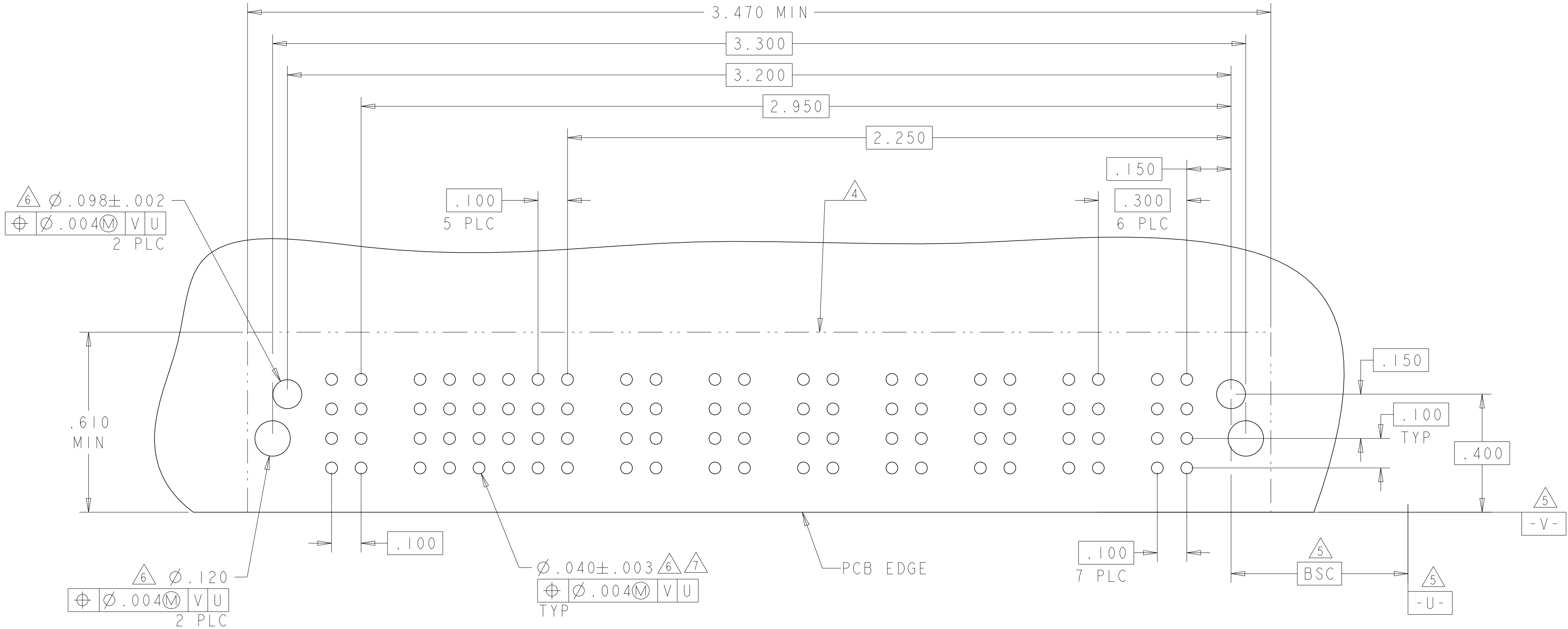
PART NUMBER	ROWS		POWER				SIGNAL				POWER			
			P7	P6	P5	P4	4	3	2	1	P3	P2	P1	
2-6450870-6	D		RM	RM	RM	RM	H	H	H	H	RM	RM	RM	
	G						G	G	G					
	F						F	F	F					
	E						E	E	E					
3ACP + 16S + 4P		HD												



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: 0 PLC ±. 1 PLC ±.1 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±?° FINISH - - -		SIZE A		CASE CODE 00779	
DRAWING NO. 6450870		RESTRICTED TO -		SCALE 3:1	
SHEET 16		OF 20		REV K4	
Customer Drawing					

LOC	DIST	REVISIONS				
P	LYR	DESCRIPTION		DATE	DWN	APVD
-	-	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 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±.1
±.01
±.005
±.0020
#2°
-

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
A1

CAGE CODE
00779

DRAWING NO
C=6450870

RESTRICTED TO
-

TE Connectivity

SCALE
3:1

SHEET
17

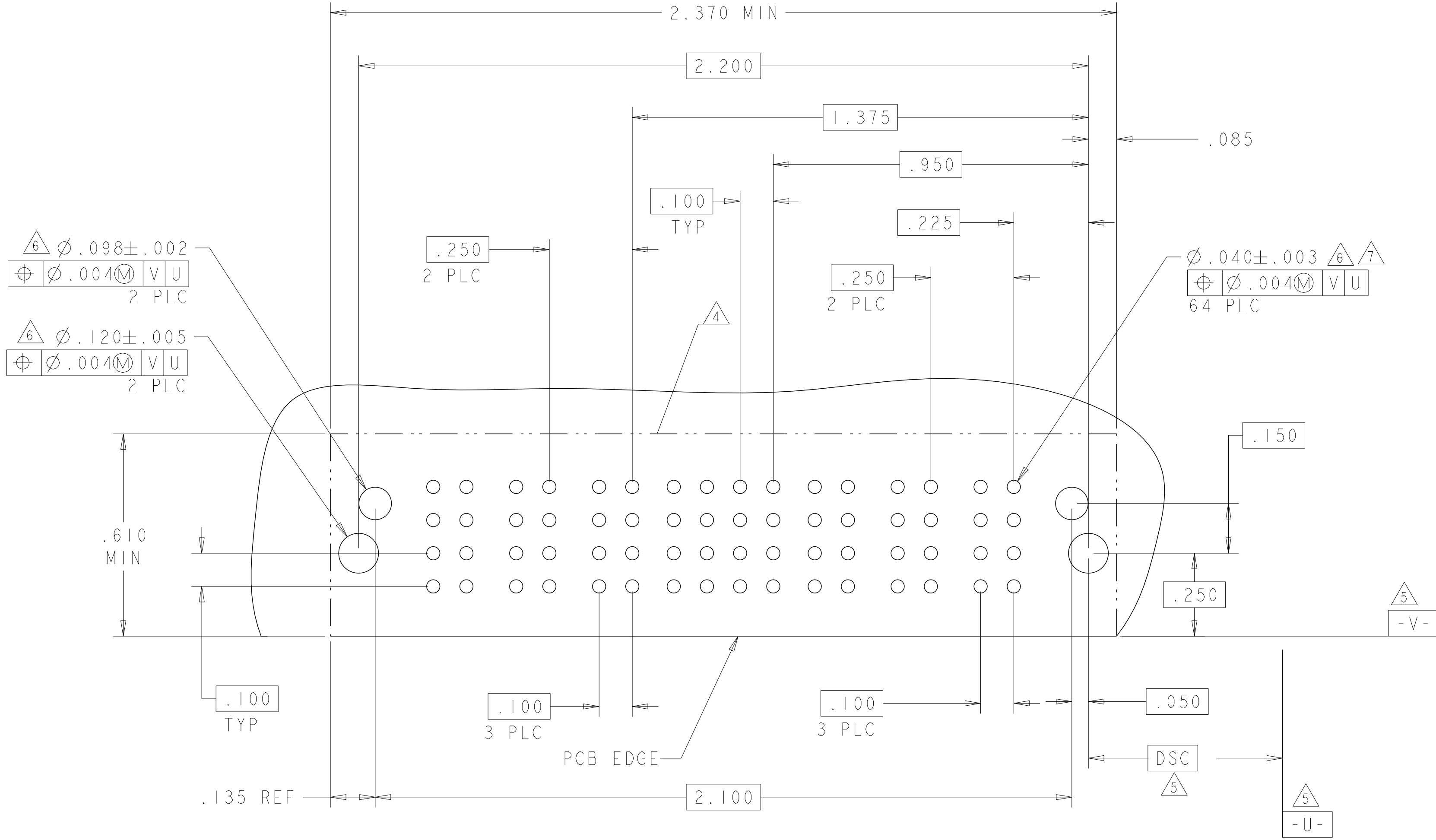
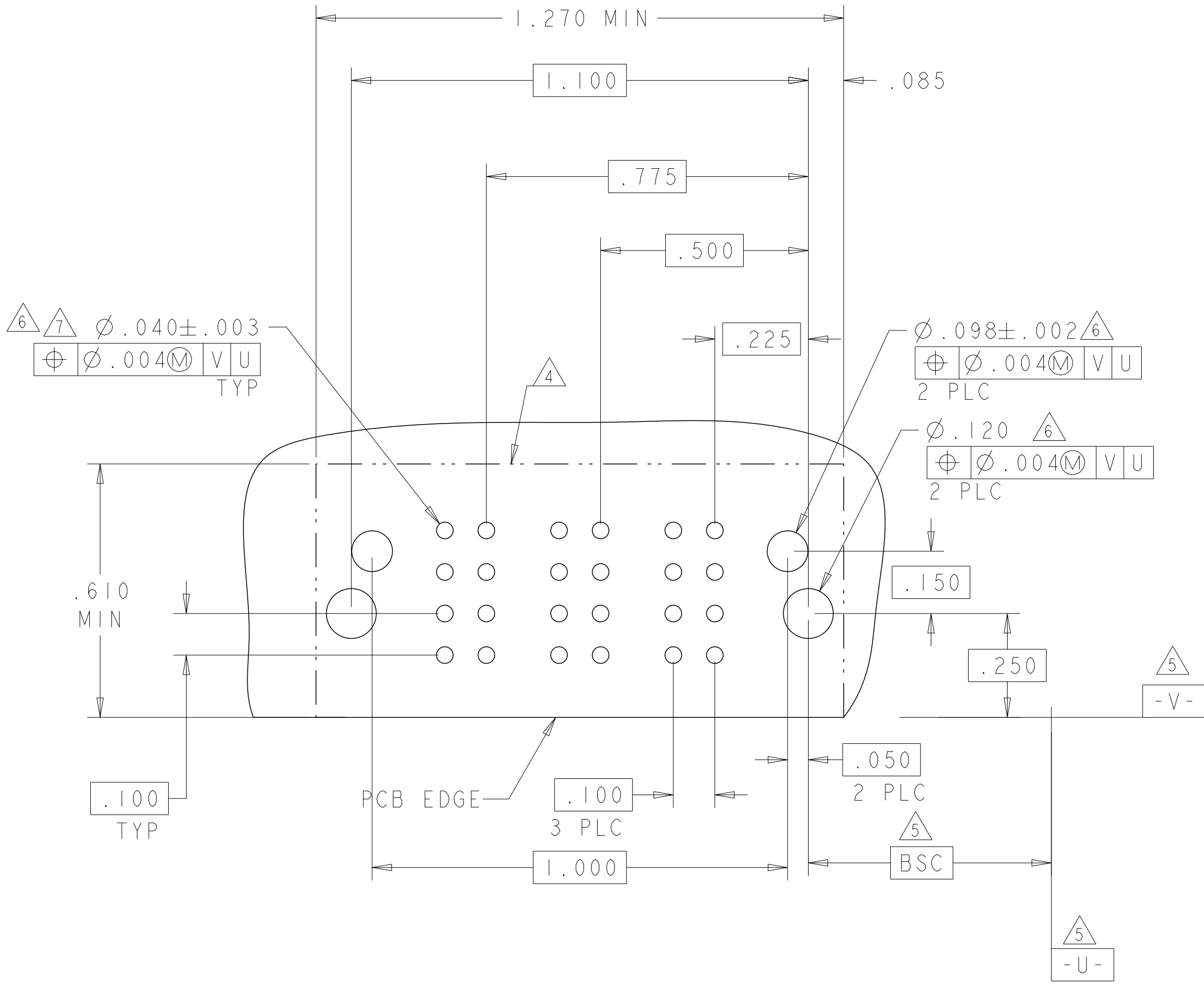
OF
20

REV
K4

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

PART NUMBER	ROWS		POWER	SIGNAL		POWER	
			P2	2	1	P1	
2-6450870-9	D C B A						
				H	H		
				G	G		
				F	F		
				E	E		
IP + 8S + IP							

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

K3

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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

MATERIAL

-

Customer Drawing

SCALE 3:1

SHEET 18 OF 20

REV K4

TE Connectivity

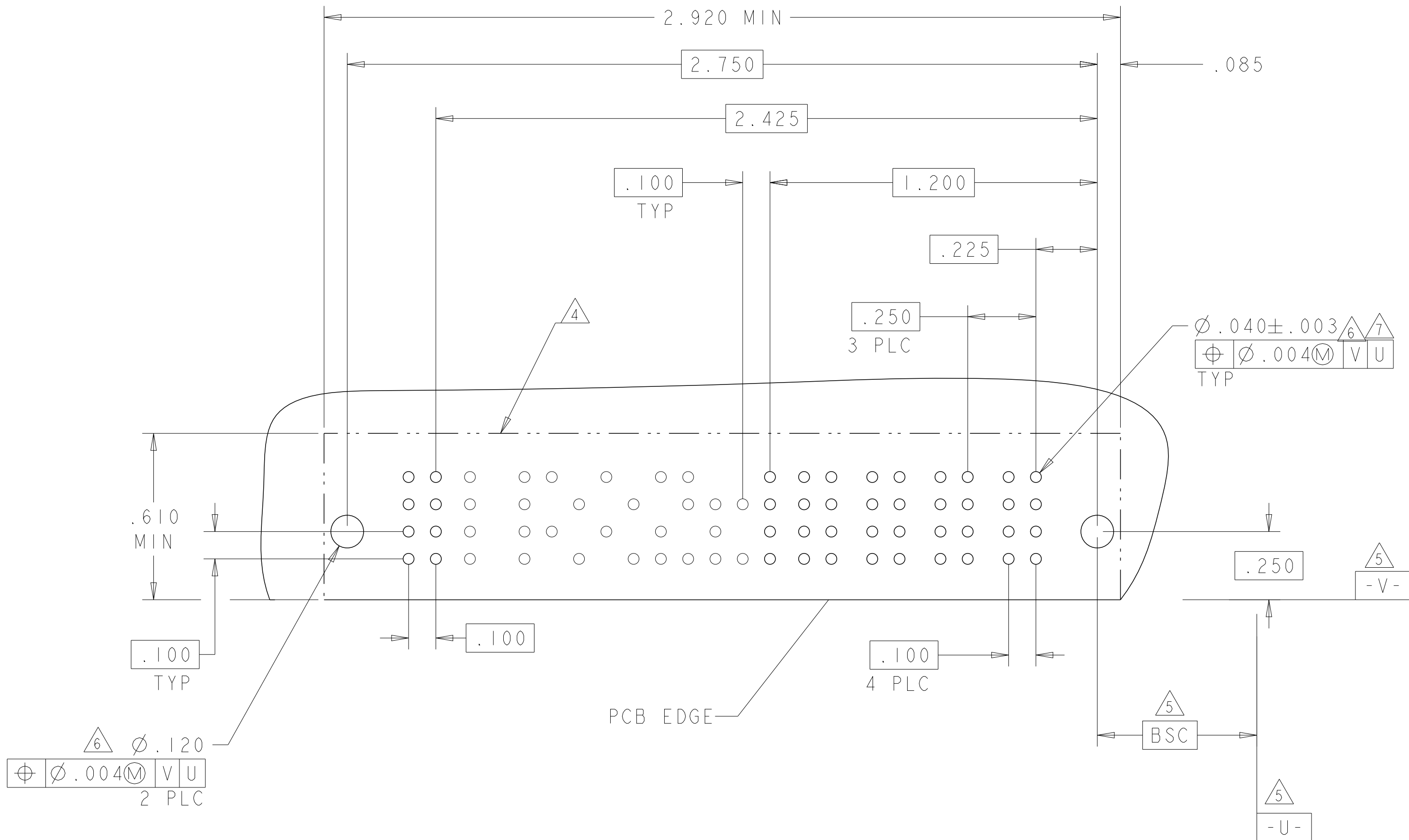
RIGHT ANGLE RECEPTACLE
SHORT END MODULE
MULTI-BEAM XLE

SIZE CAGE CODE DRAWING NO
A100779C=6450870

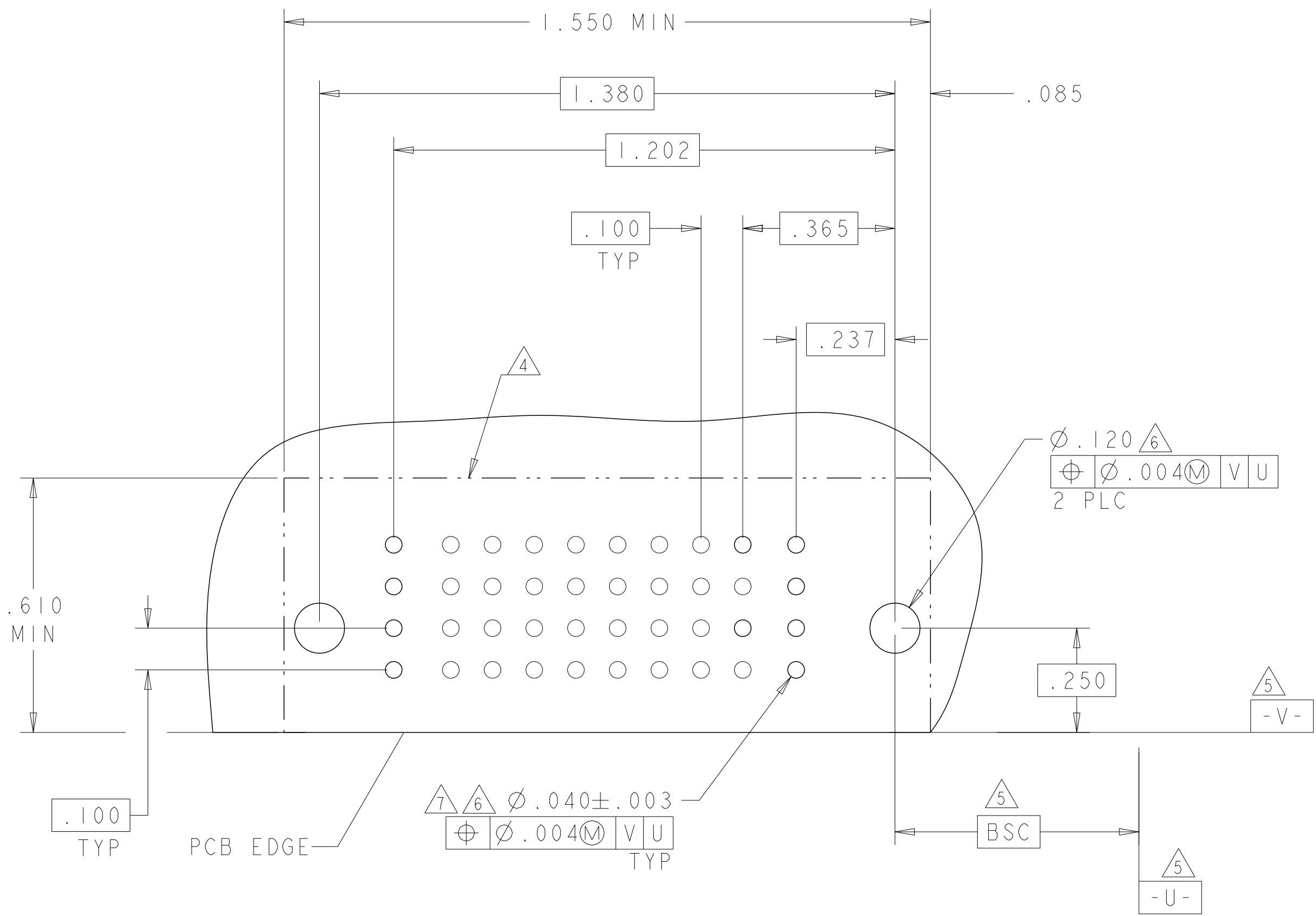
RESTRICTED TO

PART NUMBER	ROWS		POWER	SIGNAL													POWER				
			P5	12	11	10	9	8	7	6	5	4	3	2	1	P4	P3	P2	P1		
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

4805 (3/11)

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.ZHOU 110CT2007		 TE Connectivity	
		CHW S.ZHAO 110CT2007			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		APVD S.ZHAO		RIGHT ANGLE RECEPTACLE SHORT END MODULE MUTLI-BEAM XLE	
		PRODUCT SPEC			
		108-2292			
		APPLICATION SPEC			
		114-13251		SIZE	
MATERIAL		WEIGHT		CASE CODE DRAWING NO	
FINISH		-		A 100779 ©=6450870	
		Customer Drawing		SCALE 3:1 SHEET 20 OF 20 REV K4	