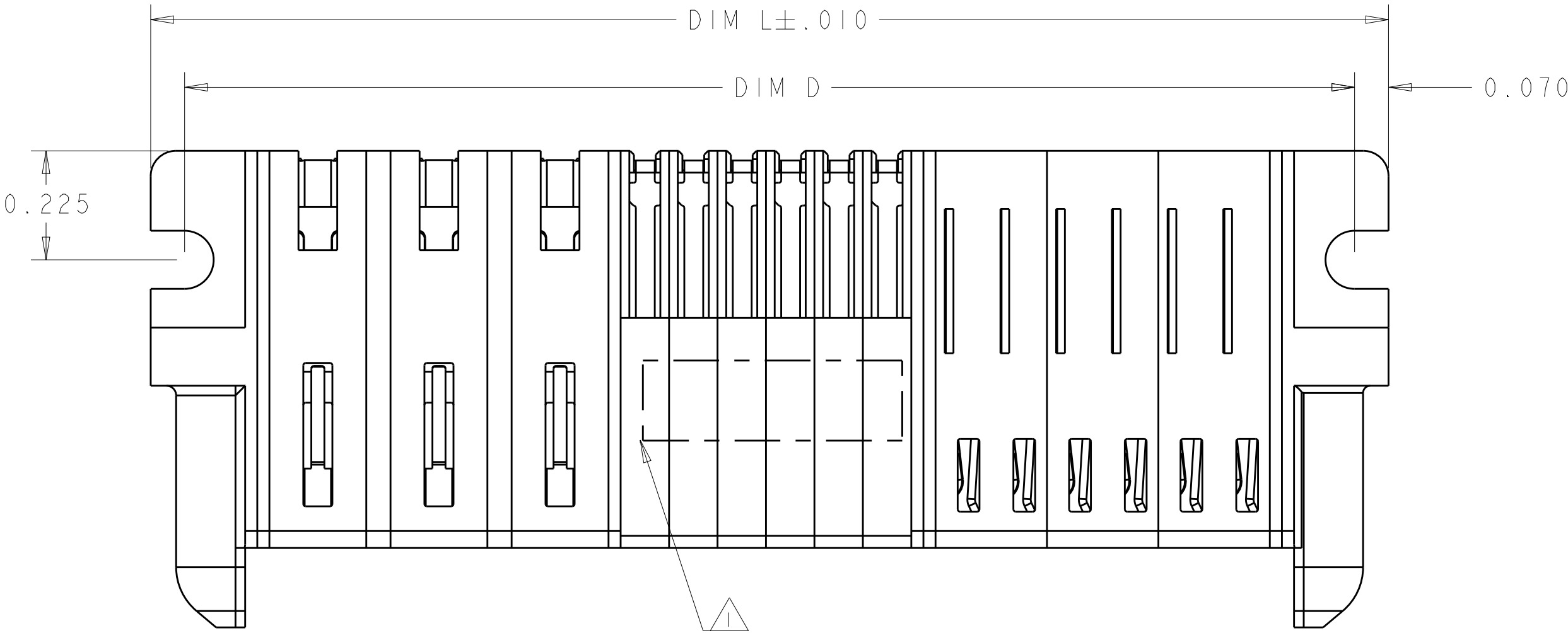
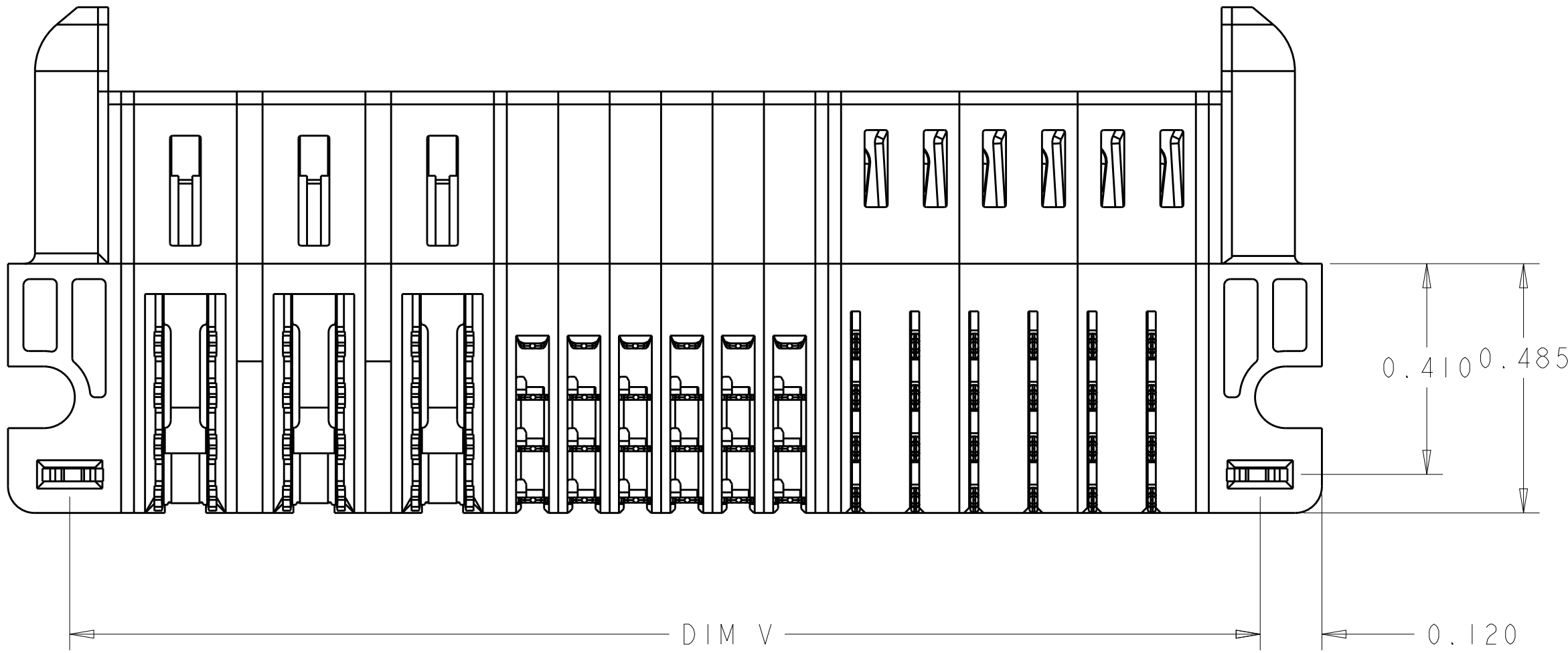
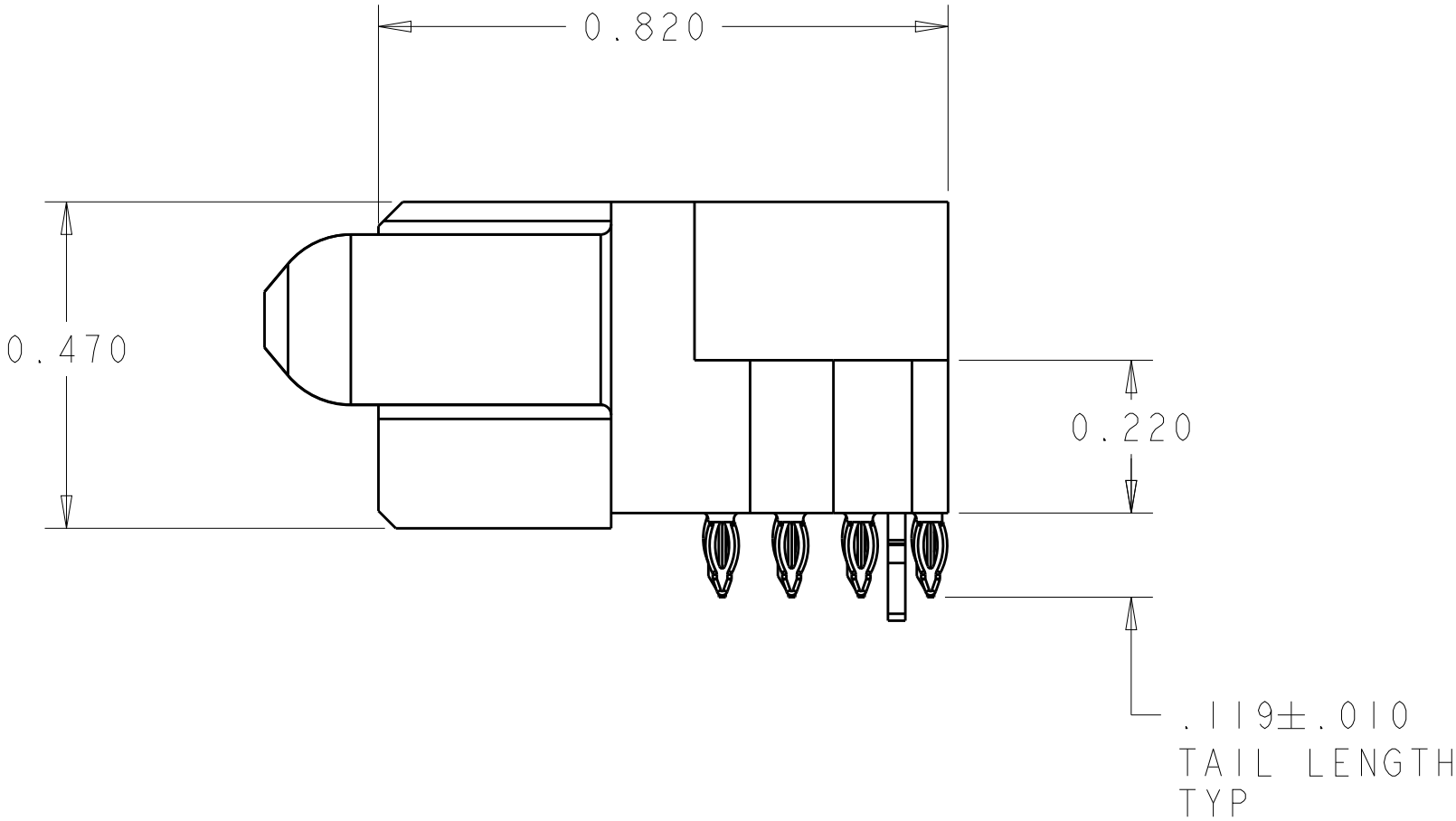
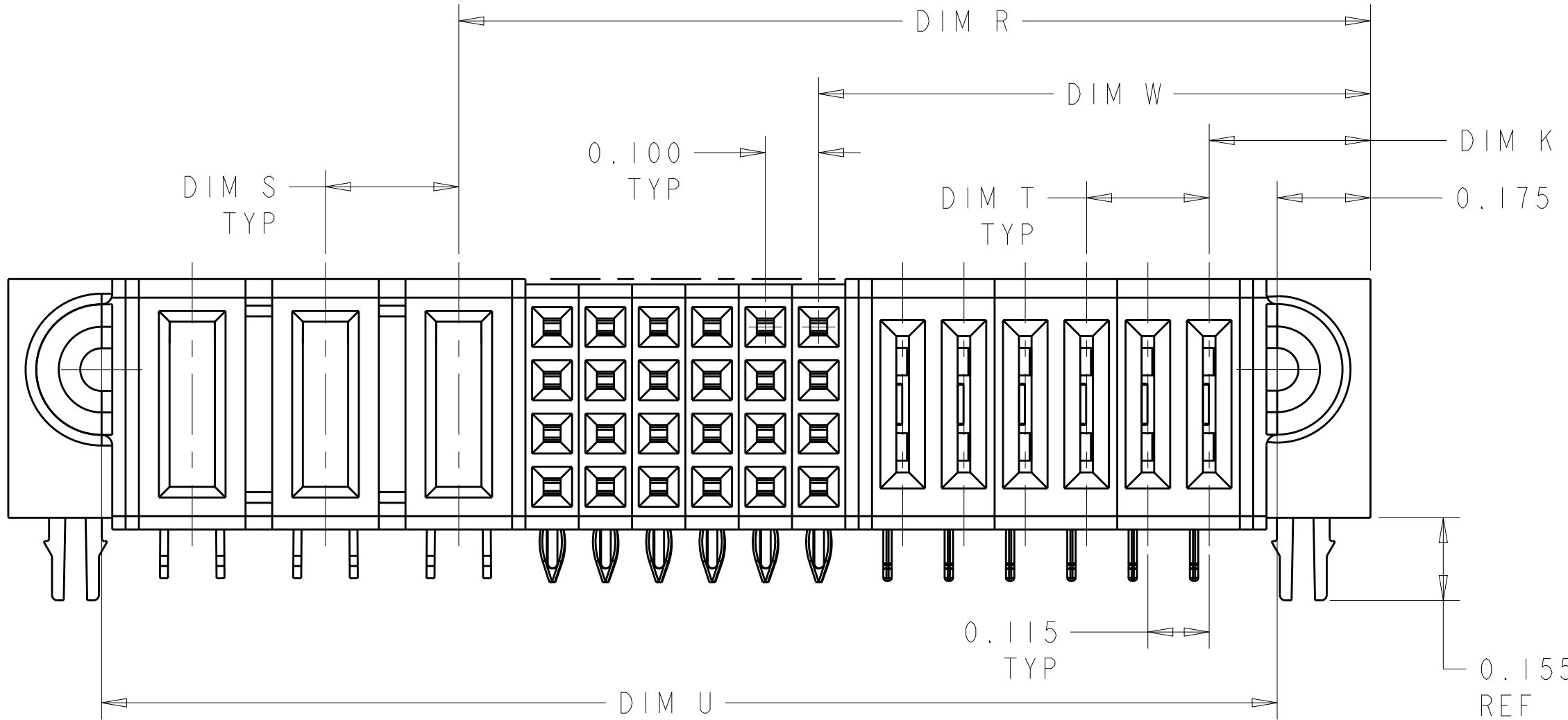


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		F5	REMOVED 2-8			



- ⚠ "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN
PARTS UNDER 2.000 MAY BE MARKED ON BOTH SIDES.
- ⚠ MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O
SIGNAL CONTACT - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- ⚠ CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA
OF POWER AND SIGNAL CONTACTS
- ⚠ MECHANICAL CONNECTOR KEEP OUT ZONE
- ⚠ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- ⚠ PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- ⚠ PCB - .0453 ±.0010 DRILLED HOLE PLATED WITH .0003 MIN Sn
OVER .001-.003 PLATING TO ACHIEVE A .040 HOLE
- ⚠ FOR P/S/P, P/S/LP CONFIGURATION, PLEASE REFER TO SHEET 2
- ⚠ CONTACTS LUBRICATED WITH HMI5 AFTER PLATING.



.240	.165	1.980	2.080	1.870	2.220	1.4225	.990	.2775	3LP + 16S + 4LP 	2-6450880-7
.250	.250	1.750	1.850	1.640	1.990	1.345	.845	.395	2P + 16S + 2P 	2-6450880-6
.230	.250	-	5.595	5.385	5.735	4.6025 	3.345	.370 	12P + 48S + 12LP	2-6450880-3
-	-	.880	.980	.770	1.120	.8425	.435	.2775 	1LP + 16S + 1LP	2-6450880-0
.200 	.200	2.350	2.450	2.240	2.590	1.670	1.095	.320 	4HDP + 20S + 4HDP	1-6450880-9
.250 	.250	3.900	4.000	3.790	4.140	2.820	1.520	.320 	5P + 48S + 5P	1-6450880-8
.250	.250	3.300	3.400	3.190	3.540	2.195	1.520	.345	5P + 24S + 5P	1-6450880-7
.250	.250	1.750	1.850	1.640	1.990	1.370	.845	.370	2P + 16S + 2P 	1-6450880-5
.250	.250	6.000	6.100	5.890	6.240	4.145	2.270	.345	8P + 72S + 8P 	1-6450880-1
-	-	.600	.700	.490	.840	-	.270	-	16S	1-6450880-0
.230 	.250 	5.495	5.595	5.385	5.735	4.6025 	3.345	.370 	12P+ 48S+ 8LP  	6450880-8
.250	.250	4.400	4.500	4.290	4.640	2.545	2.270	.345	8P + 8S + 8P	6450880-7
.230	-	1.190	1.290	1.080	1.430	-	1.060	.3775	6LP + 8S	6450880-6
-	-	1.475	1.575	1.365	1.715	1.320	.595	.370 	1P + 24S + 1P	6450880-5
.230 	.250 	-	5.595	5.385	5.735	4.6025 	3.345	.370 	12P+ 48S+ 8LP	6450880-4
.300 	.200	5.150	5.250	5.040	5.390	2.845	1.520	.370 	4ACP + 48S + 12HDP	6450880-3
.230	.250	2.315	2.415	2.205	2.555	1.710	1.035	.3025	6LP + 24S + 3P	6450880-1
DIM T	DIM S	DIM V	DIM D	DIM U	DIM L	DIM R	DIM W	DIM K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL
: ⚠2

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.1
1 PLC ±.1
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±7°
FINISH -

DWN S.ZHAO 25MAY2007
CHK S.ZHAO 25MAY2007
APVD S.ZHAO 25MAY2007

PRODUCT SPEC
108-2292
APPLICATION SPEC
114-13251

WEIGHT -

CUSTOMER DRAWING

NAME
RIGHT ANGLE RECEPTACLE WITH LP
CONTACT AND SHORT END MODULES
MULTI-BEAM XLE

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=6450880

RESTRICTED TO
-

SCALE
4:1

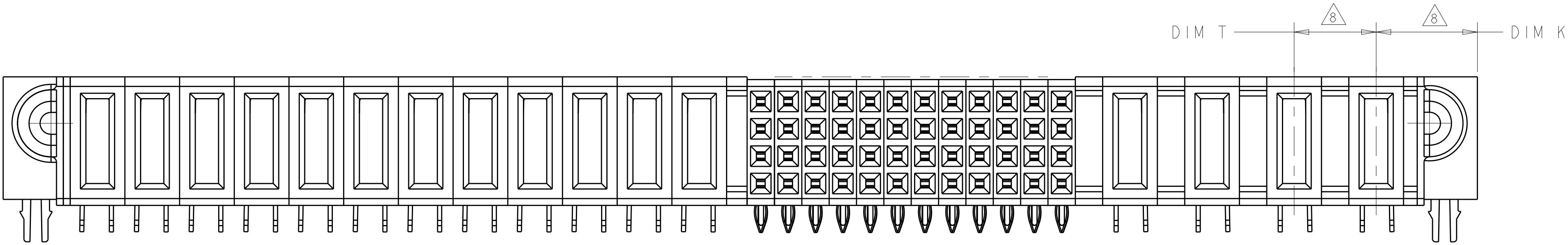
SHEET
1

OF
13

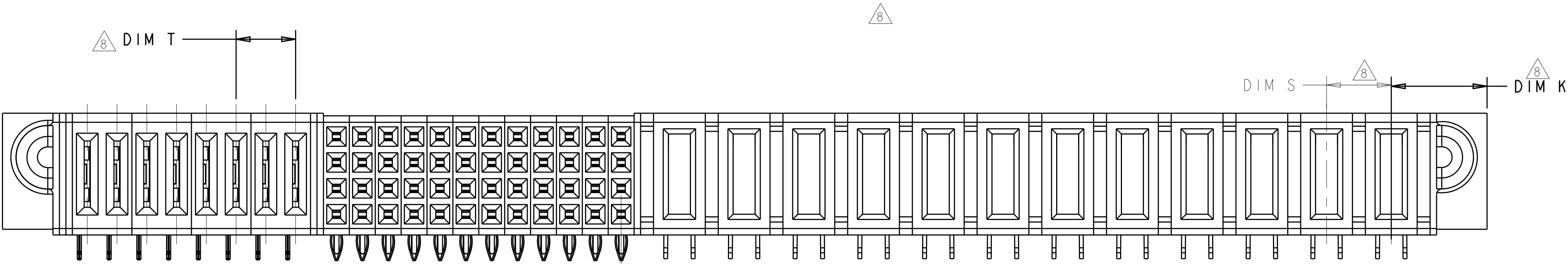
REV
F5

TE Connectivity

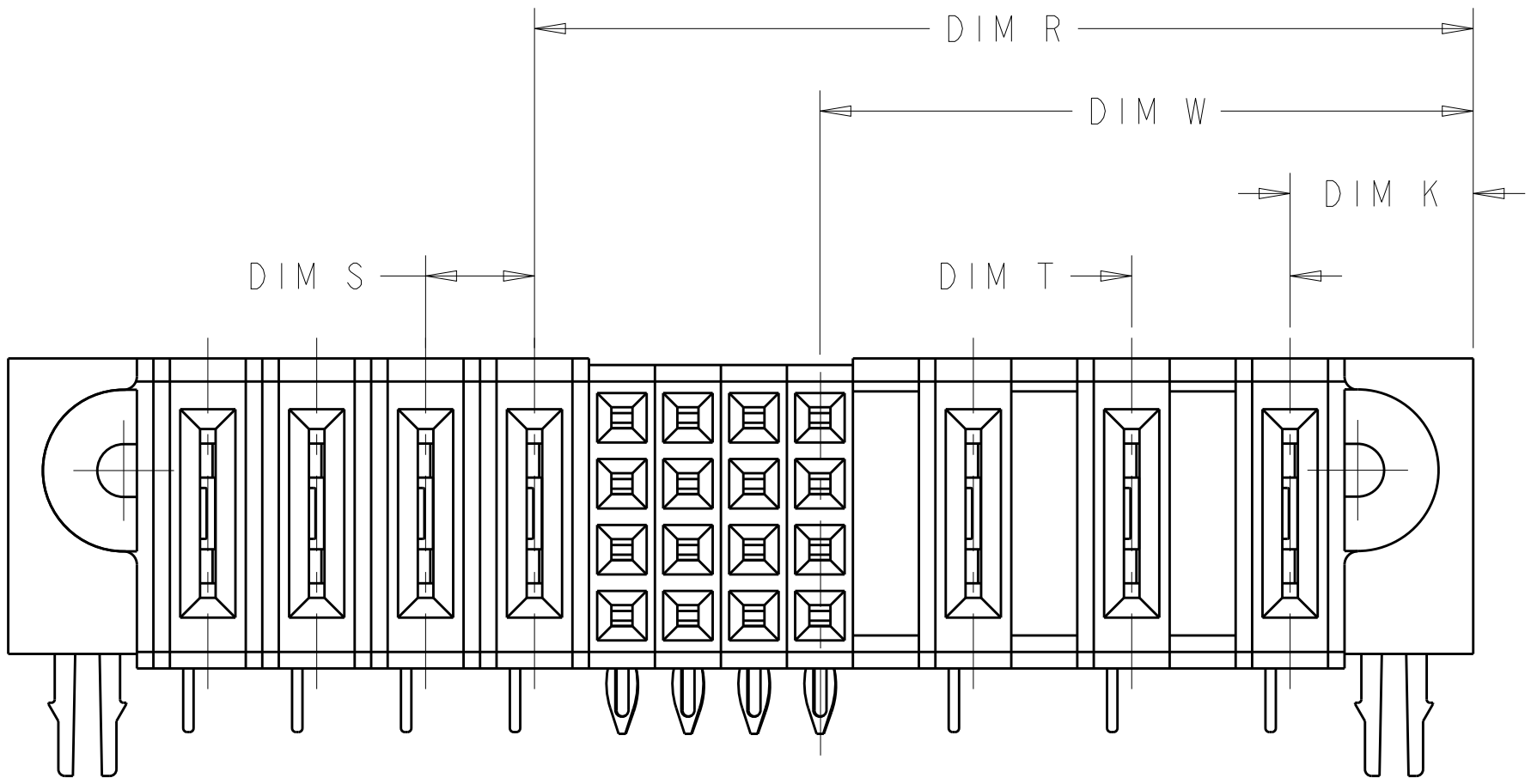
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



PART NUMBER 6450880-3
UNSPECIFIED DIM REFER TO SHEET 1
SCALE 7:2



PART NUMBER 6450880-4,2-6450880-3
UNSPECIFIED DIM REFER TO SHEET 1
SCALE 7:2



PART NUMBER 2-6450880-0,2-6450880-7
UNSPECIFIED DIM REFER TO SHEET 1
FOR CONFIGURATION LP/S/LP

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

S. ZHAO

25MAY2007

CHK

S. ZHAO

25MAY2007

APVD

S. ZHAO

25MAY2007

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

SCALE 4:1

SHEET 2 OF 13

REV F5

TE Connectivity

NAME

RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE

SIZE

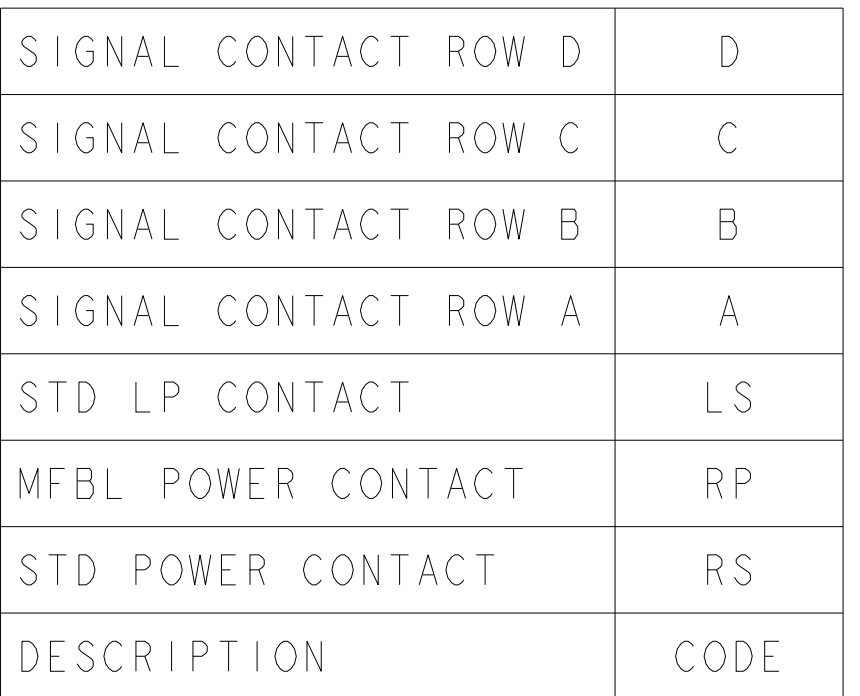
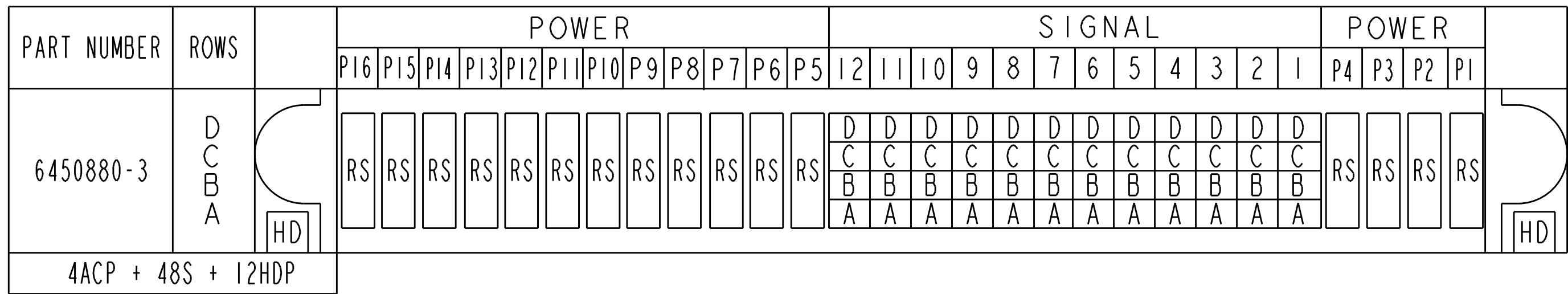
A100779

CAGE CODE

6450880

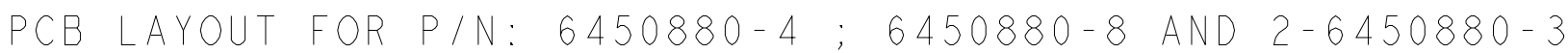
RESTRICTED TO

-

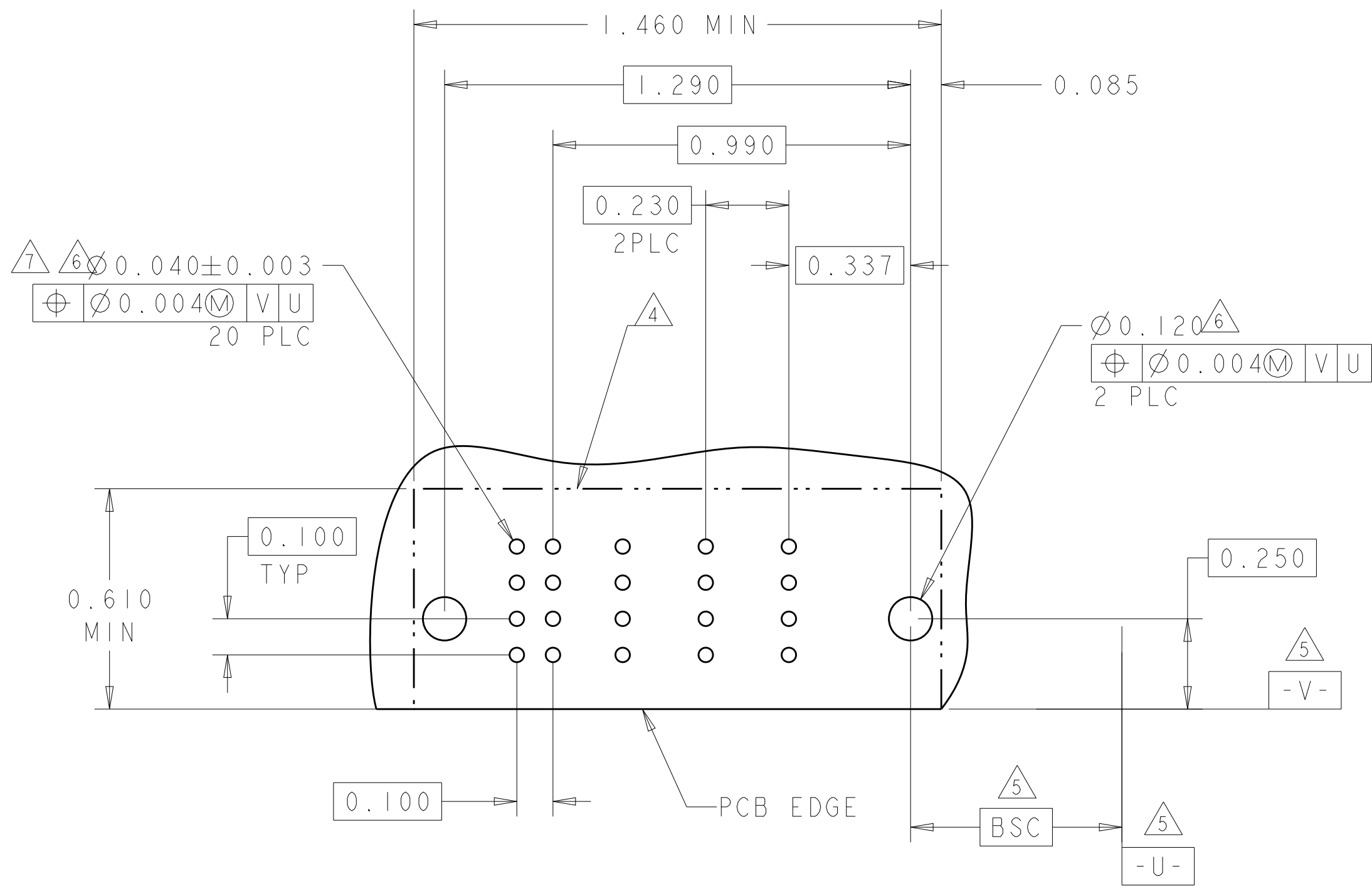


PART NUMBER	ROWS		POWER								SIGNAL												POWER																		
			LP8	LP7	LP6	LP5	LP4	LP3	LP2	LP1	I2	I1	I0	9	8	7	6	5	4	3	2	1	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1							
6450880-8	D		LS	LS	LS	LS	LS	LS	LS	D	D	D	D	D	D	D	D	D	D	D	D	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS								
	C									C	C	C	C	C	C	C	C	C	C	C	C														C	C	C	C	C	C	
	B									B	B	B	B	B	B	B	B	B	B	B	B														B	B	B	B	B	B	B
	A									A	A	A	A	A	A	A	A	A	A	A	A														A	A	A	A	A	A	A
12P + 48S + 8LP																																									

F

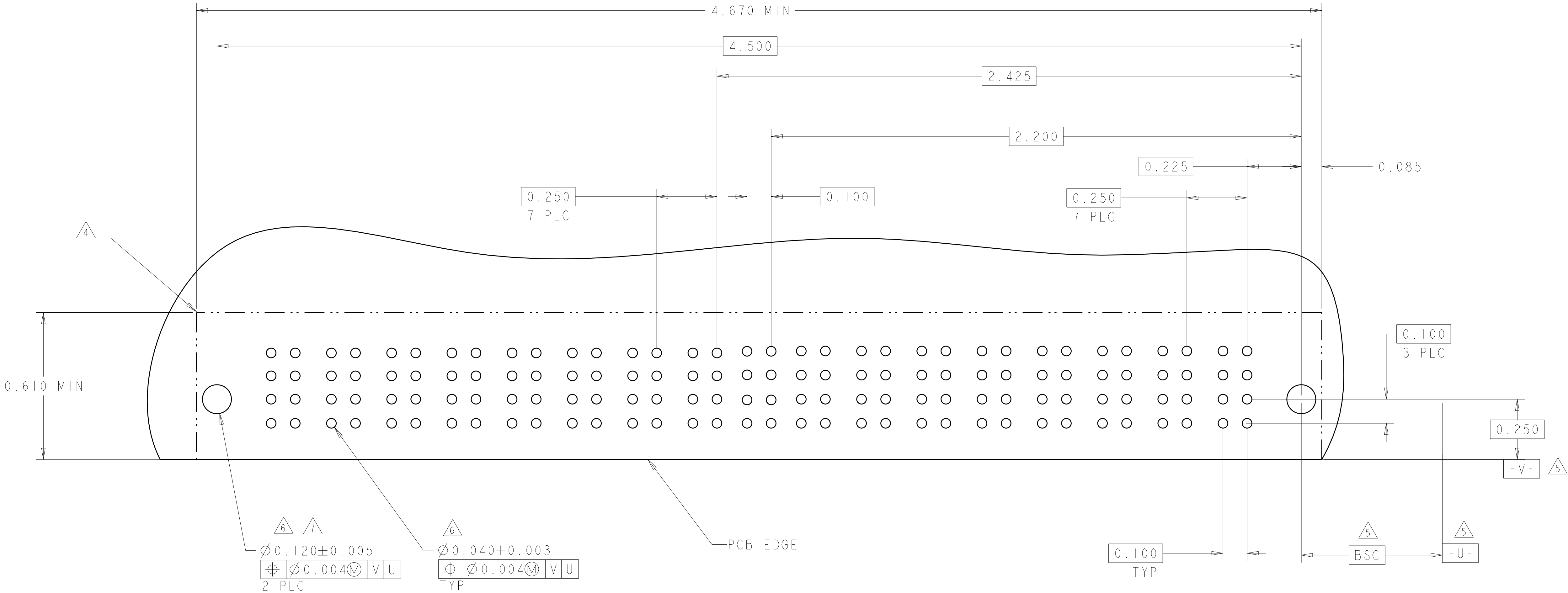
4805 (3/11)

PART NUMBER	ROWS		SIGNAL		POWER`							
			2	1	LP6	LP5	LP4	LP3	LP2	LP1		
6450880-6	D C B A		D	D			LS		LS		LS	
			C	C								
			B	B								
			A	A								
6LP + 8S												

4805 (3/11)

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

PART NUMBER	ROWS		POWER								SIGNAL		POWER								
			P16	P15	P14	P13	P12	P11	P10	P9	2	1	P8	P7	P6	P5	P4	P3	P2	P1	
6450880-7	D C B A																				
											D	D									
											C	C									
											B	B									
											A	A									
8P + 8S + 8P																					



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

INCHES

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.1

1 PLC ±.01

2 PLC ±.005

3 PLC ±.0020

ANGLES ±2°

FINISH -

FINISH

-

DWN S.ZHAO 25MAY2007

CHK S.ZHAO 25MAY2007

APVD S.ZHAO 25MAY2007

PRODUCT SPEC 108-2292

APPLICATION SPEC 114-13251

WEIGHT -

CUSTOMER DRAWING

NAME RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE

SIZE A100779C=6450880

SCALE 4:1 SHEET 6 OF 13 REV F5

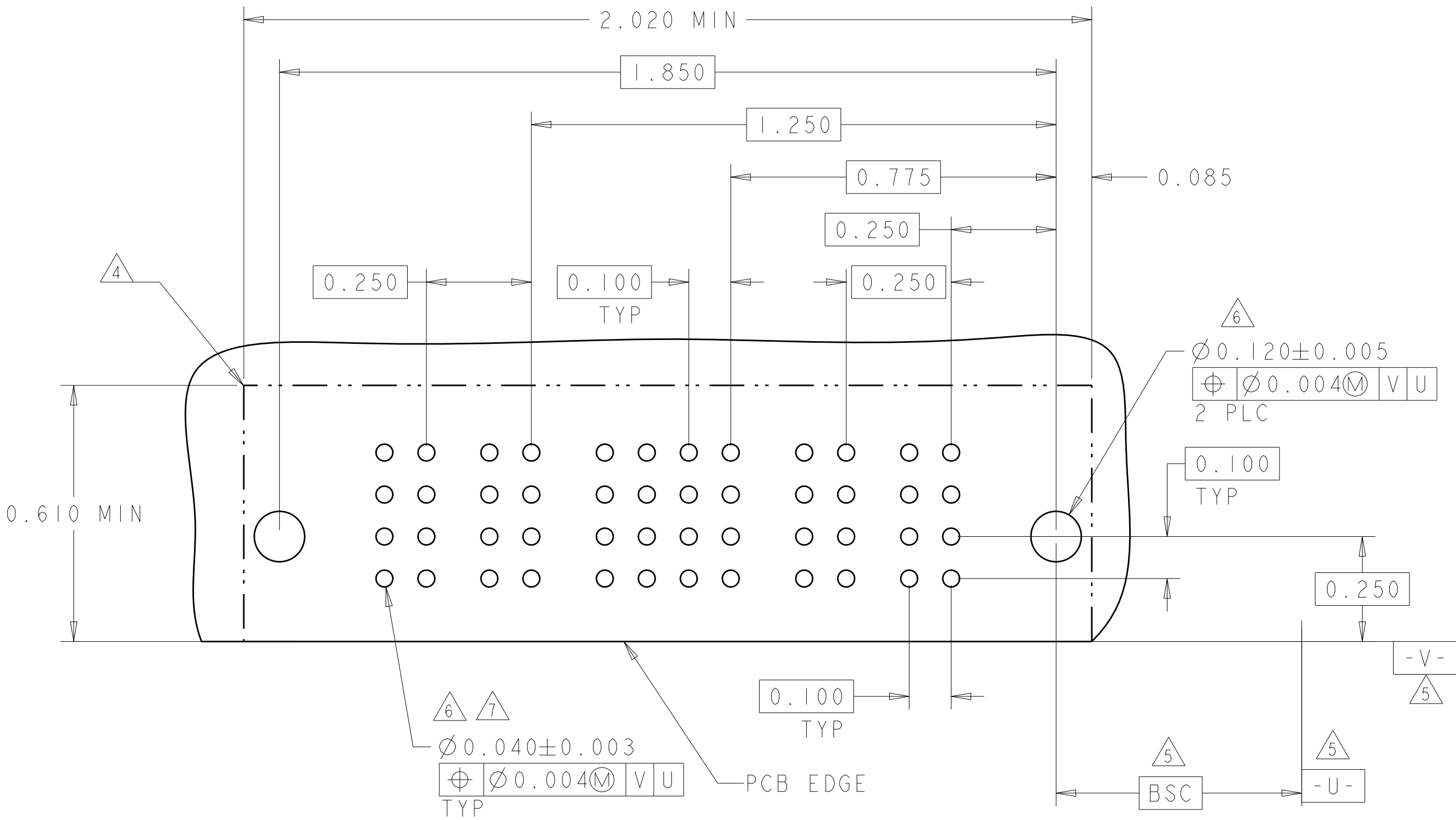
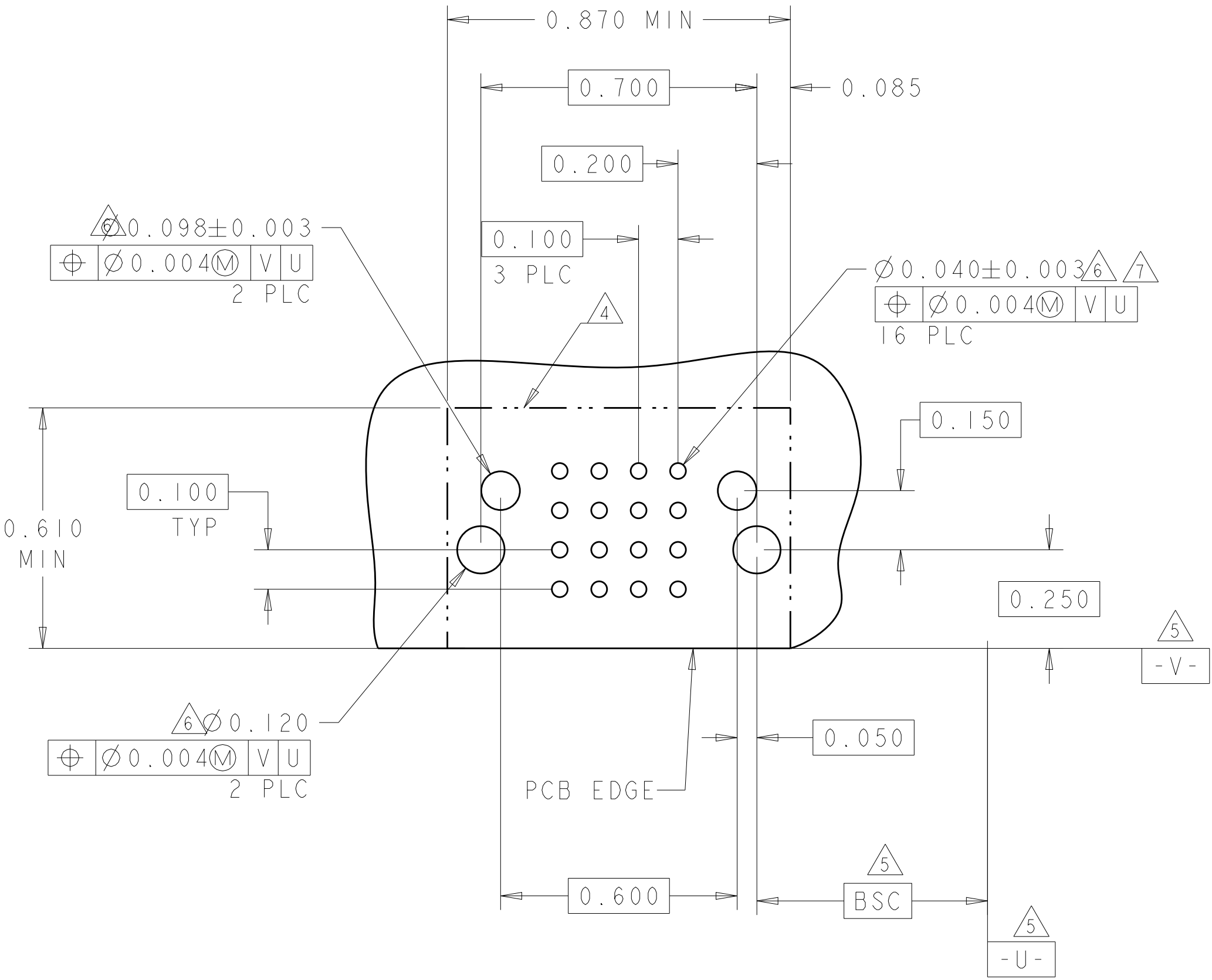
TE Connectivity

RESTRICTED TO -

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

PART NUMBER	ROWS		SIGNAL				
			4	3	2	1	
1-6450880-0	D		D	D	D	D	
	C		C	C	C	C	
	B		B	B	B	B	
	A	HD	A	A	A	A	HD
16S							

PART NUMBER	ROWS		POWER		SIGNAL				POWER		
			P4	P3	4	3	2	1	P2	P1	
1-6450880-5	D				D	D	D	D			
	C				C	C	C				
	B				B	B	B				
	A				A	A	A				
2P + 16S + 2P											



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
S. ZHAO
25MAY2007

CHK
S. ZHAO
25MAY2007

APVD
S. ZHAO
25MAY2007

DIMENSIONS:
INCHES

MATERIAL
-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

PRODUCT SPEC
108-2292

APPLICATION SPEC
114-13251

WEIGHT
-

CUSTOMER DRAWING

NAME
RIGHT ANGLE RECEPTACLE WITH LP
CONTACT AND SHORT END MODULES
MULTI-BEAM XLE

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=6450880

RESTRICTED TO
-

SCALE
4:1

SHEET
7

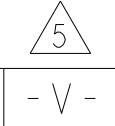
OF
13

REV
F5

TE

TE Connectivity

D

4805 (3/11)

3.570 MIN

3.400

2.075

1.450

0.225

0.050

0.250 4 PLC

0.100 5 PLC

0.250 4 PLC

0.085

0.150 2 PLC

0.100 TYP

0.250 -V- 5

0.100 TYP

0.100 TYP

0.120 ± 0.005 2 PLC

0.098 ± 0.002 2 PLC

0.040 ± 0.003 TYP

PCB EDGE

BSC

-U-

5

5

6

6

4

7

5

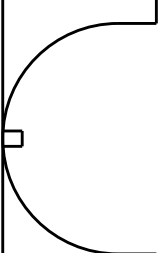
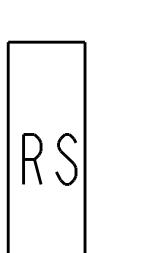
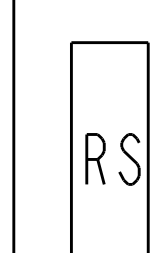
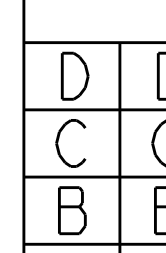
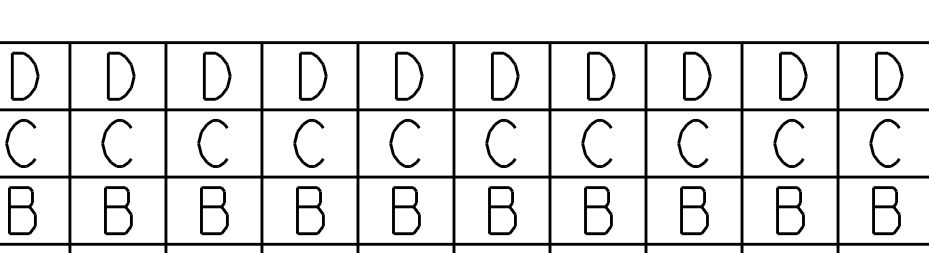
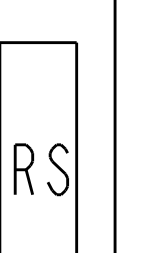
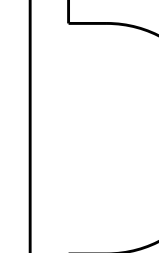
5

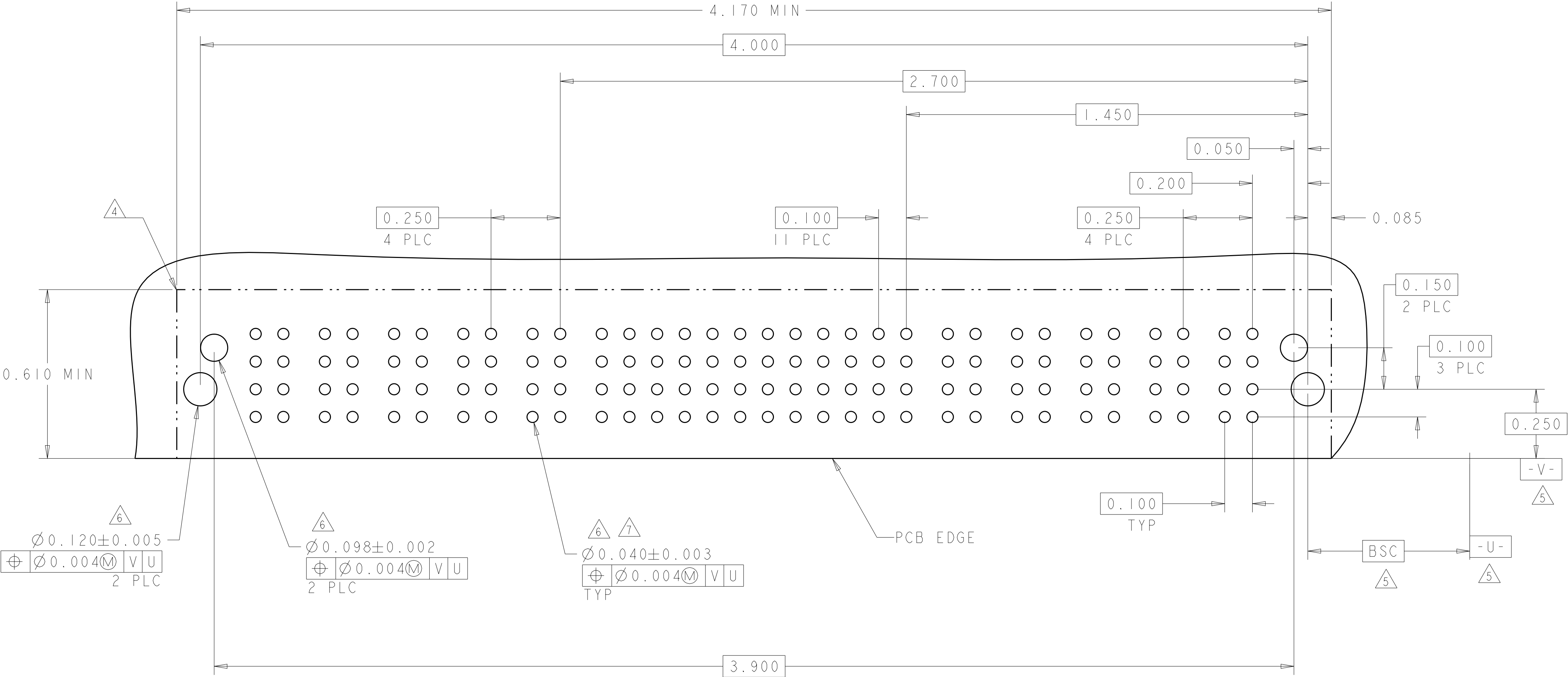
0.610 MIN

3.300

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
I-6450880-8	D C B A																								
							D	D	D	D	D	D	D	D	D	D						D	D	D	D
							C	C	C	C	C	C	C	C	C	C						C	C	C	C
							B	B	B	B	B	B	B	B	B	B						B	B	B	B
							A	A	A	A	A	A	A	A	A	A						A	A	A	A
5P + 48S + 5P																									



THIS DRAWING IS A CONTROLLED DOCUMENT.

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 S.ZHAO 25MAY2007

CHK S.ZHAO 25MAY2007

APVD S.ZHAO 25MAY2007

PRODUCT SPEC 108-2292

APPLICATION SPEC 114-13251

WEIGHT

CUSTOMER DRAWING

NAME RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE

SIZE A1

CAGE CODE 00779

DRAWING NO C=6450880

RESTRICTED TO

SCALE 4:1

SHEET 10

OF 13

REV F5

TE Connectivity

2.620 MIN

2.450

1.550

1.025

0.200

0.050

0.085

0.200 3 PLC

0.100 4 PLC

0.200 3 PLC

0.150 2 PLC

0.100 TYP

0.250

-V-

5

-U-

3

BSC

0.100 TYP

PCB EDGE

6

7

0.120±0.005

0.098±0.003

0.040±0.002

0.004 M V U

2 PLC

2 PLC

TYP

0.004 M V U

2 PLC

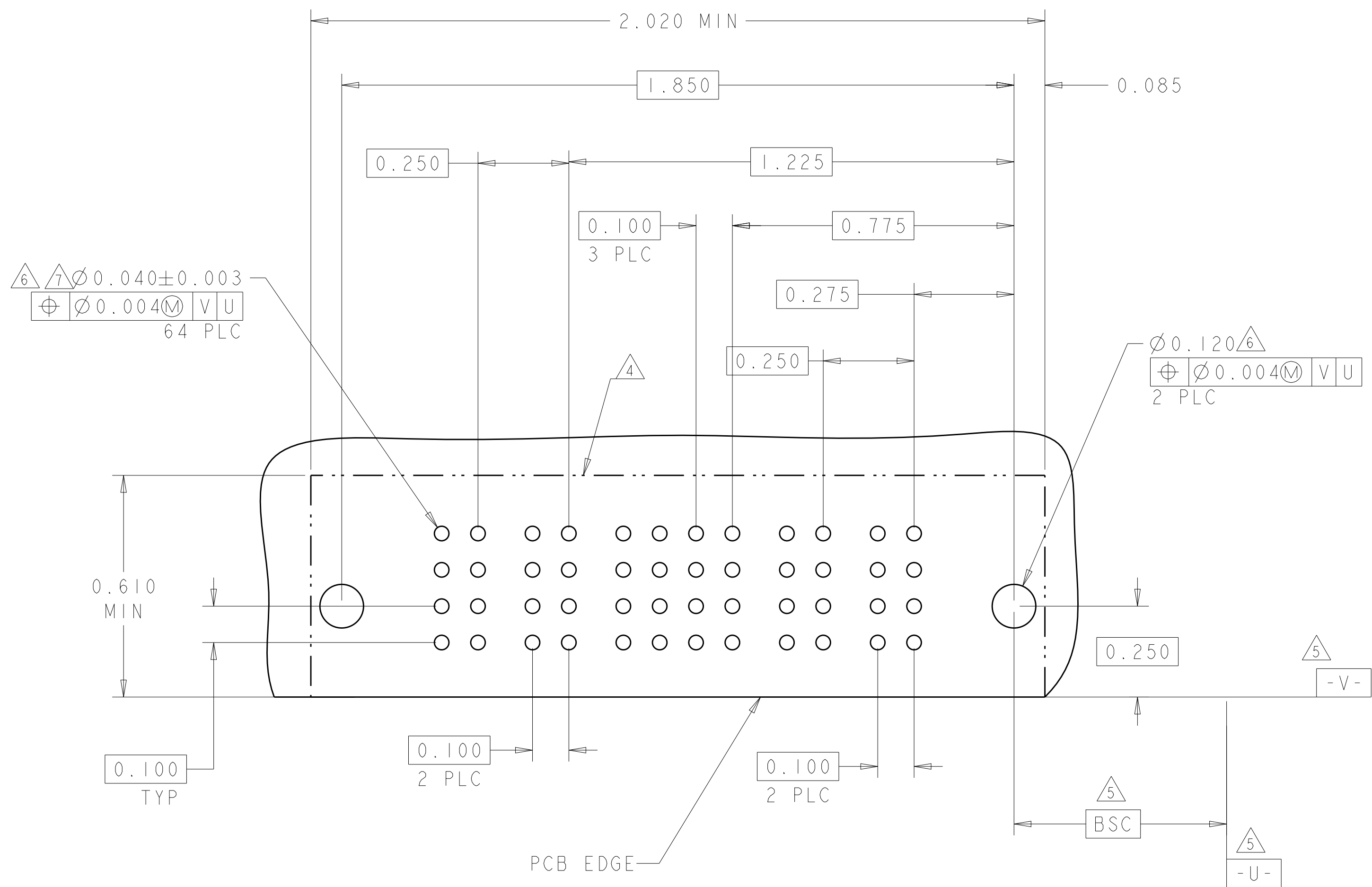
0.004 M V U

TYP

0.610 MIN

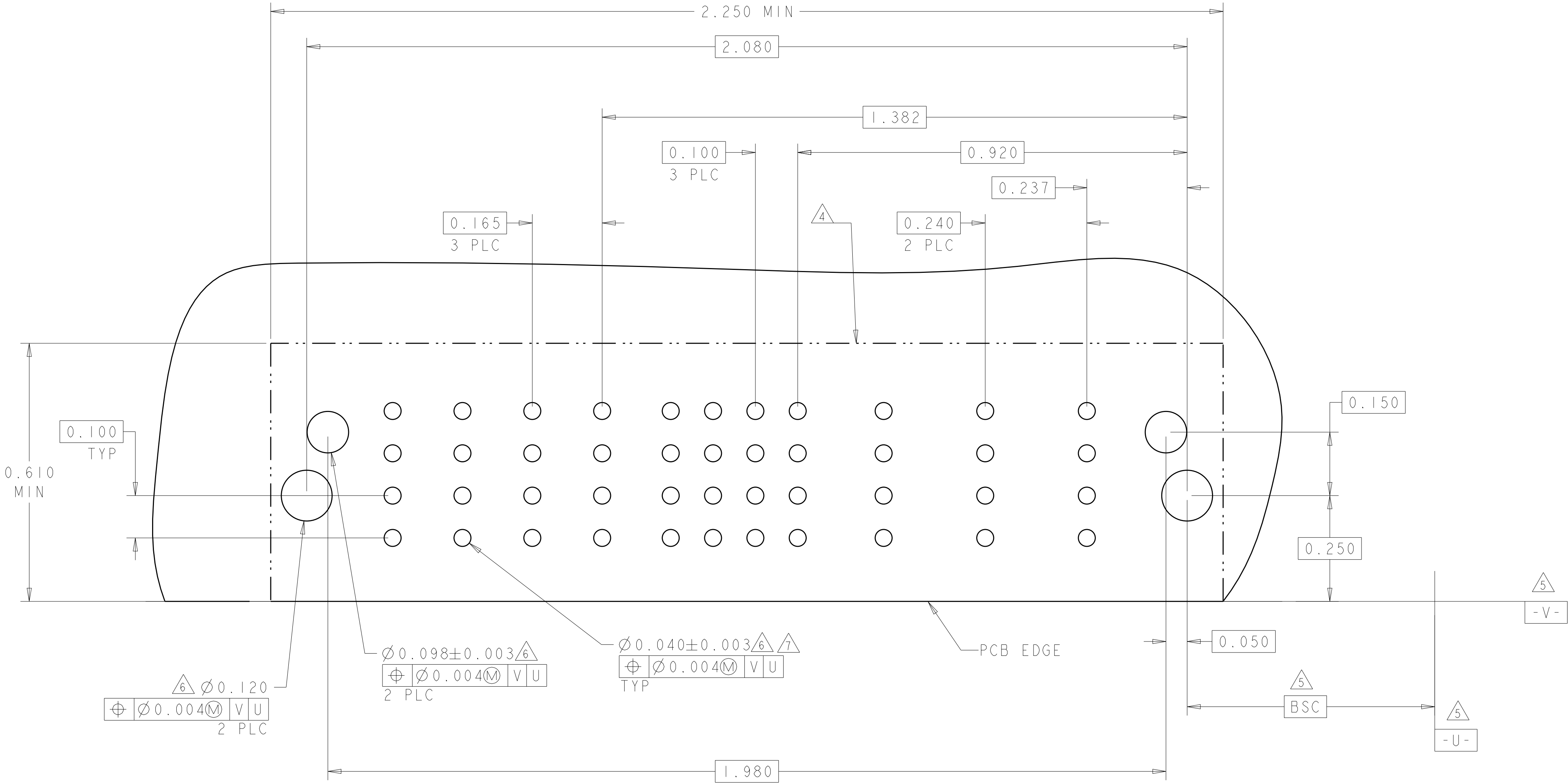
4

4805 (3/11)

[illegible]4805 (3/11)

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

PART NUMBER	ROWS		POWER				SIGNAL				POWER			
			LP7	LP6	LP5	LP4	4	3	2	1	LP3	LP2	LP1	
2-6450880-7	D	 HD	 LS	 LS	 LS	 LS	D	D	D	D	 LS	 LS	 LS	 HD
	C						C	C	C					
	B						B	B	B					
	A						A	A	A					
	3LP + 16S + 4LP													



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

S.ZHAO

25MAY2007

CHK

S.ZHAO

25MAY2007

APVD

S.ZHAO

25MAY2007

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

-

PRODUCT SPEC

108-2292

APPLICATION SPEC

114-13251

WEIGHT

-

CUSTOMER DRAWING

NAME

RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE

SIZE

A1

CAGE CODE

00779

DRAWING NO

C=6450880

RESTRICTED TO

-

SCALE

4:1

SHEET

13

OF

13

REV

F5

TE

TE Connectivity