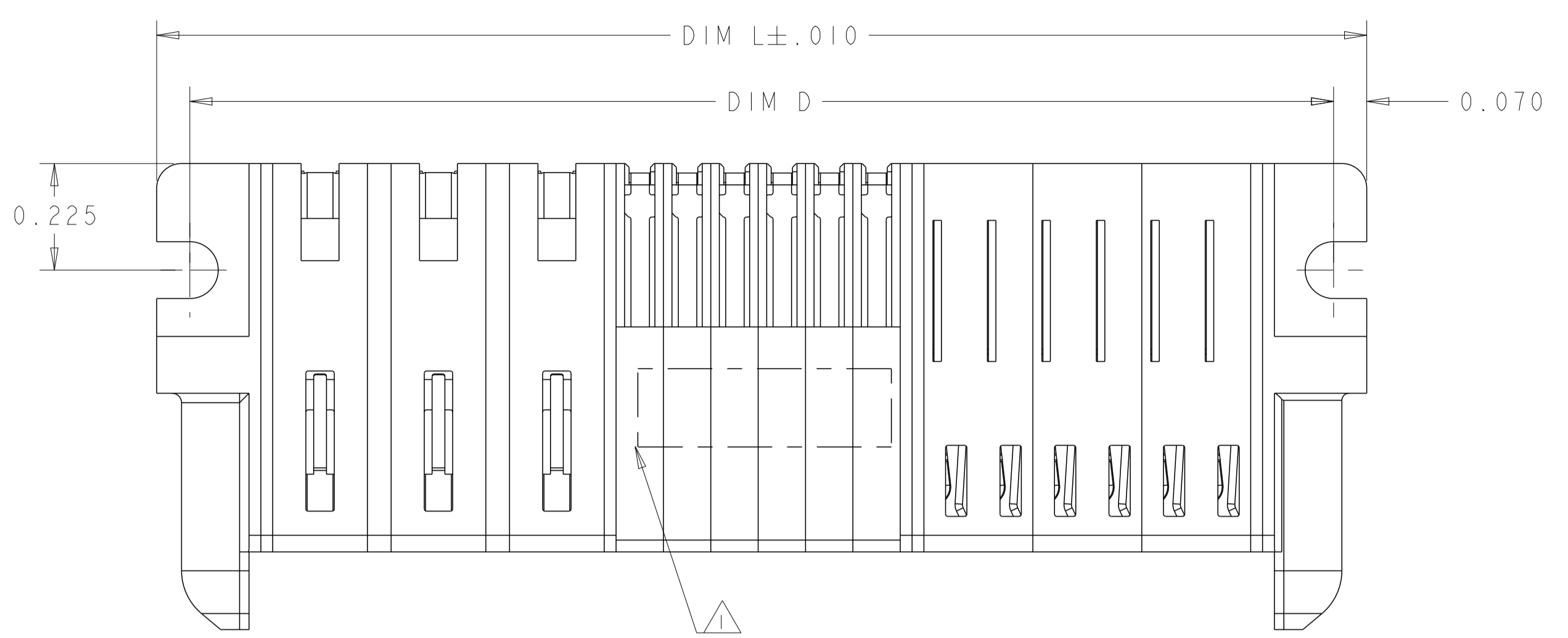
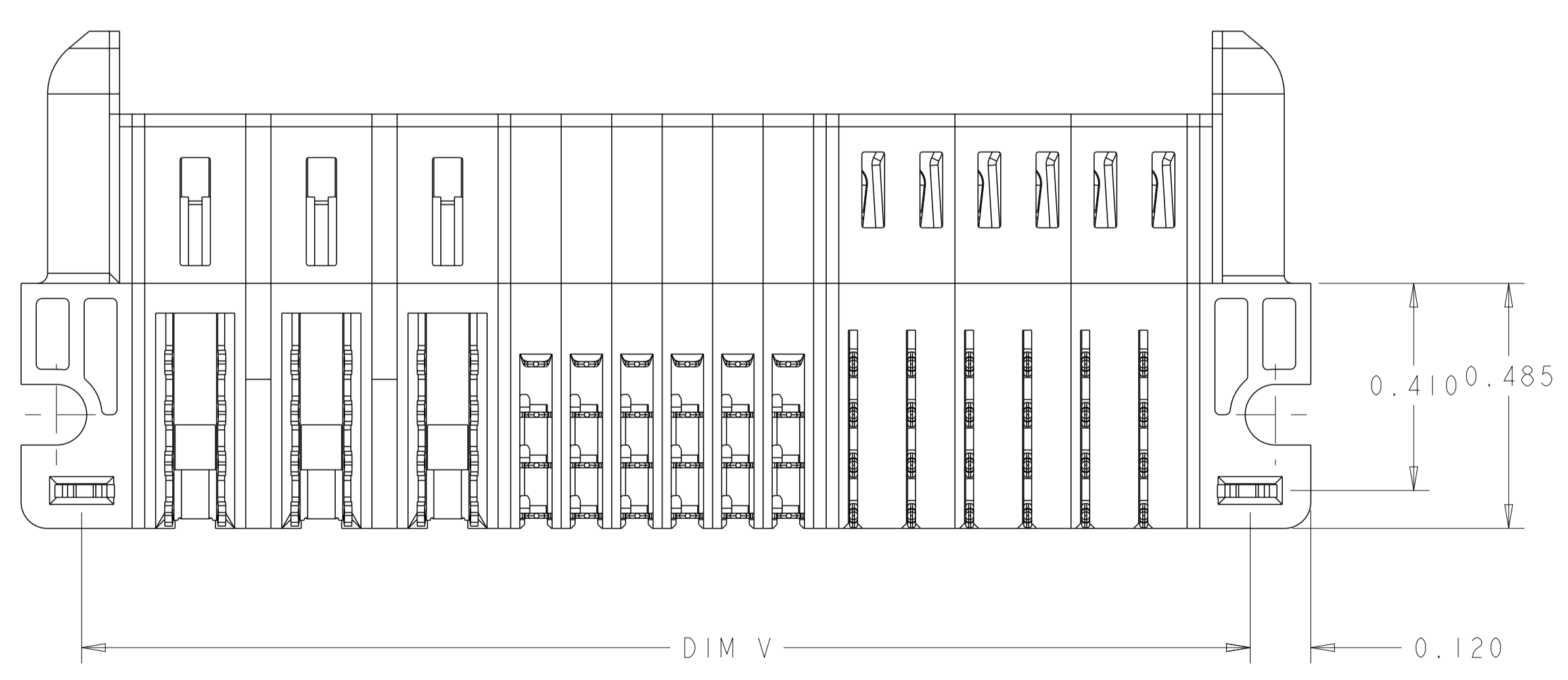
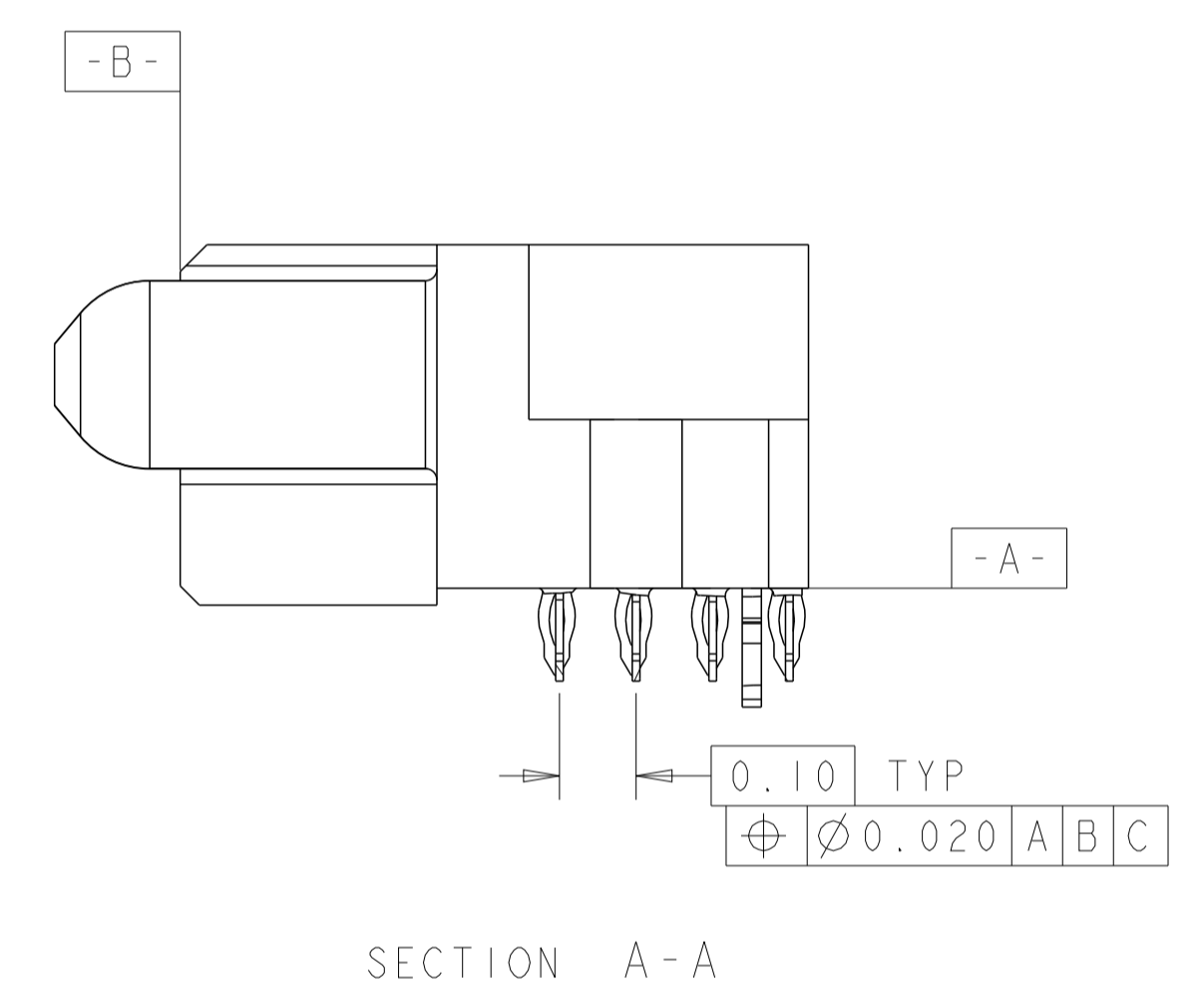
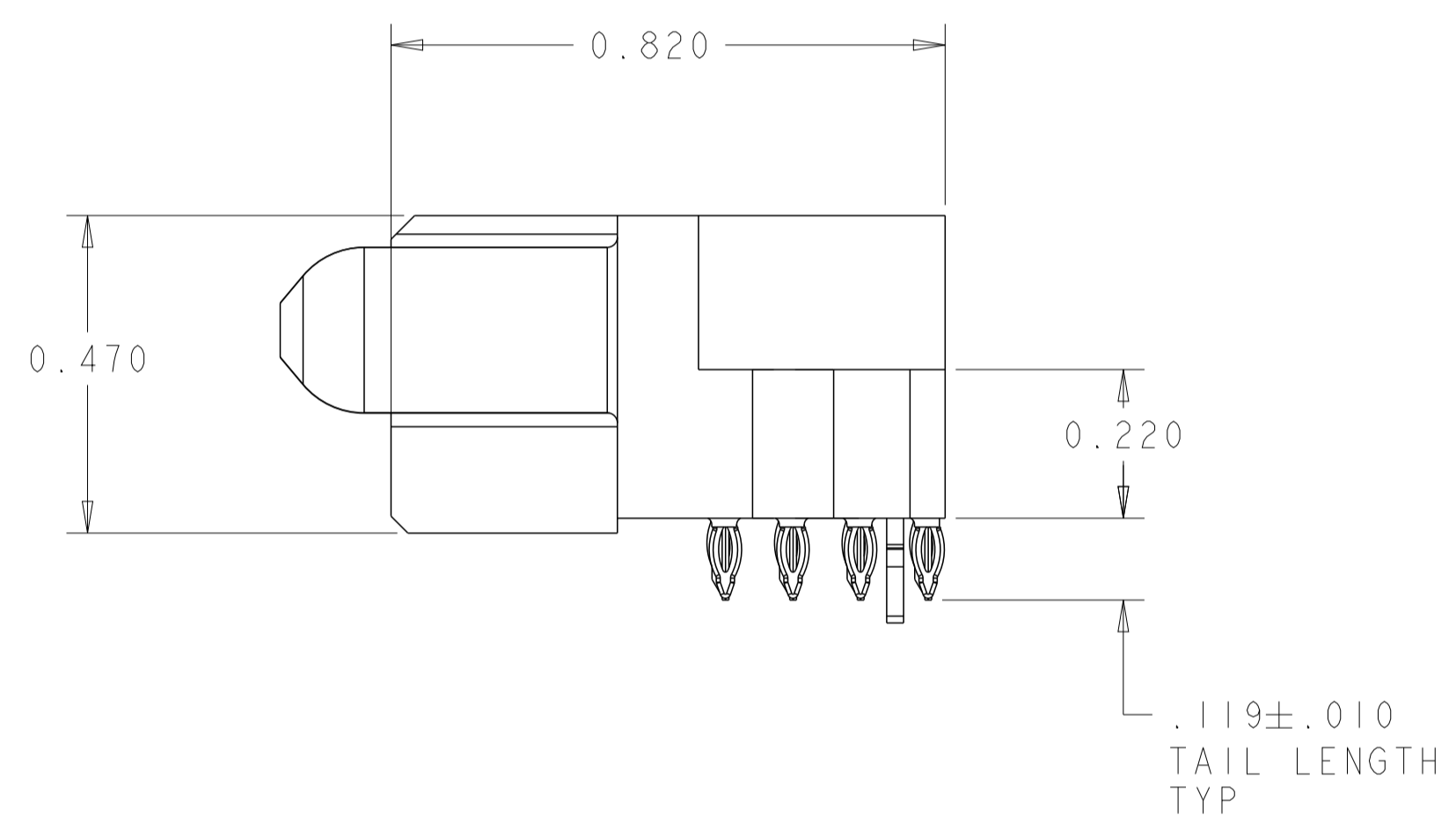
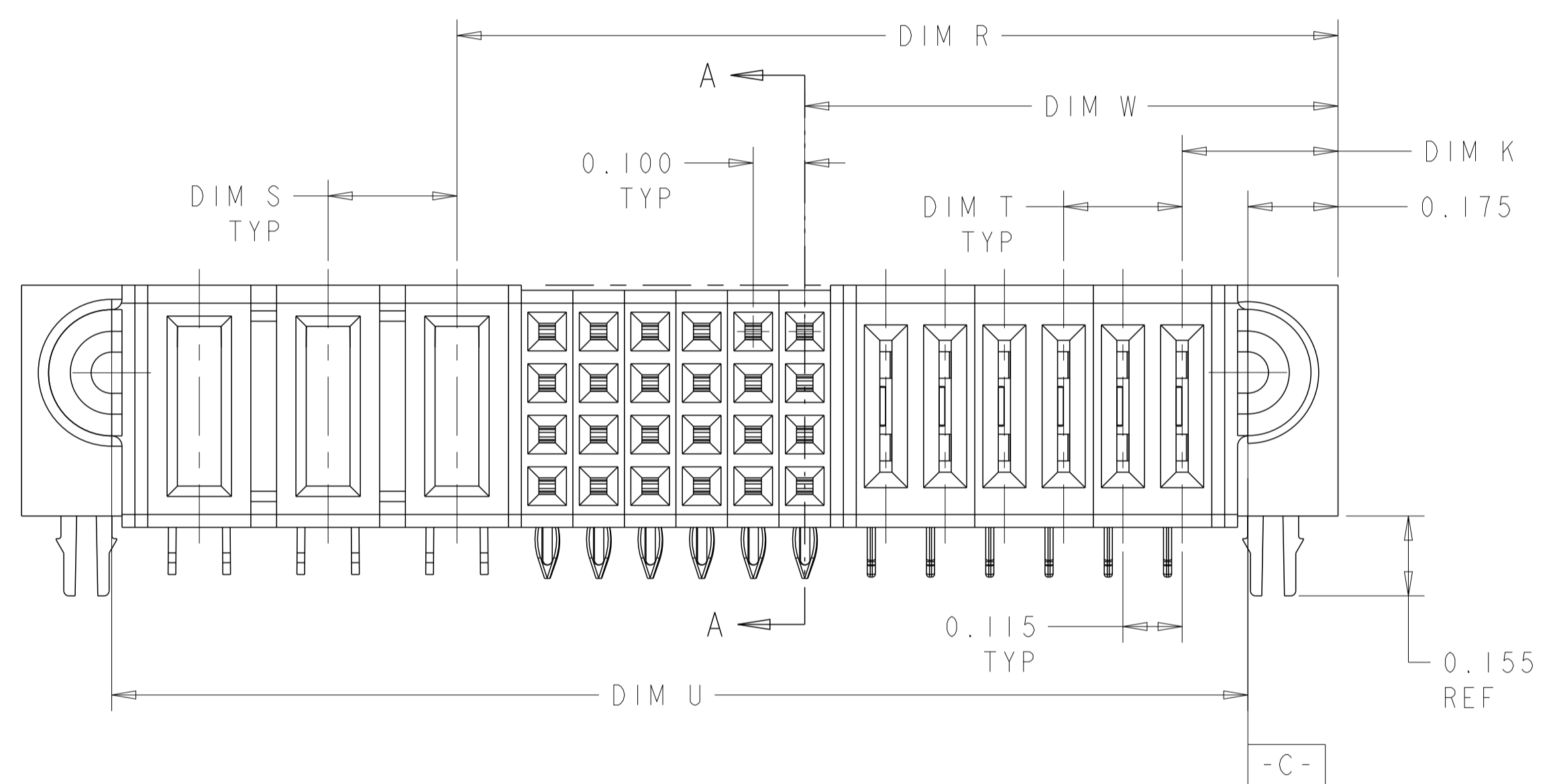


LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	OWN	APVD
ES	00	F9		REVISED FOR 3-0	19JAN2015	CZ	SZ
		F10		ADDED POSITION TOLERANCE	30JUL2024	VNB	PS
		F11		ADDED SIDE VIEW IN SHEET-4	28AUG2024	VNB	PS



- △ "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-0  
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.
- △ VARIABLE DIMENSIONS PLEASE SEE PART VIEW.



△	-	2.505	2.605	2.395	2.745	1.1575	△	.550	.2775	2LP+24S+2LP+8S+8LP	3-6450880-0			
.200	.200	1.600	1.700	1.490	1.840	1.295	.720	.345		2P + 20S + 2P	2-6450880-9			
.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.

OWN: S. ZHAO 25MAY2007  
 CH: S. ZHAO 25MAY2007  
 APVD: S. ZHAO 25MAY2007

DIMENSIONS: INCHES  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PLC ±.1  
 1 PLC ±.01  
 2 PLC ±.005  
 3 PLC ±.0025  
 4 PLC ±.002  
 ANGLES ±.002

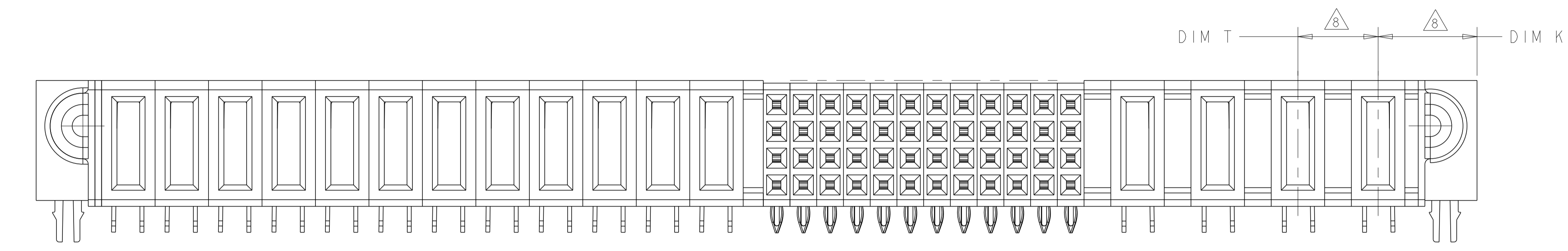
MATERIAL: △  
 FINISH: \*

THIS DRAWING IS A CONTROLLED DOCUMENT. OWN: S. ZHAO 25MAY2007  
 CH: S. ZHAO 25MAY2007  
 APVD: S. ZHAO 25MAY2007

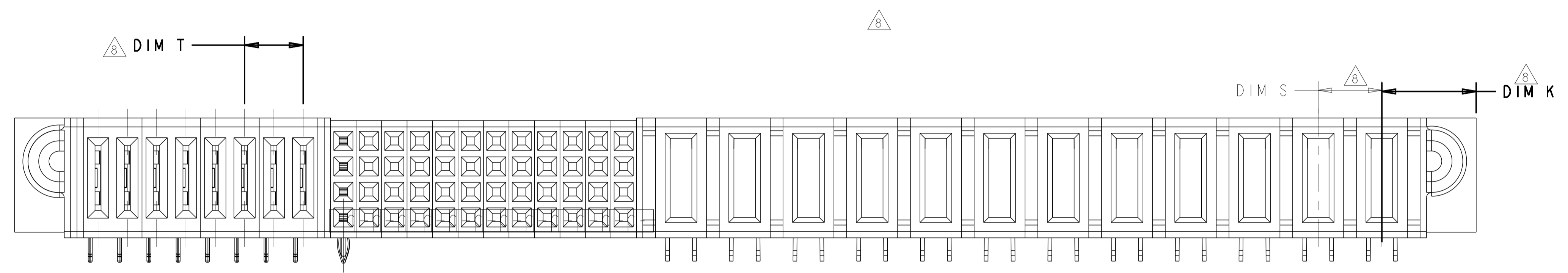
NAME: RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE  
 PRODUCT SPEC: 108-2292  
 APPLICATION SPEC: 114-13251  
 WEIGHT: -  
 CUSTOMER DRAWING

SCALE: 2:1  
 SHEET 1 OF 15  
 REV: F11

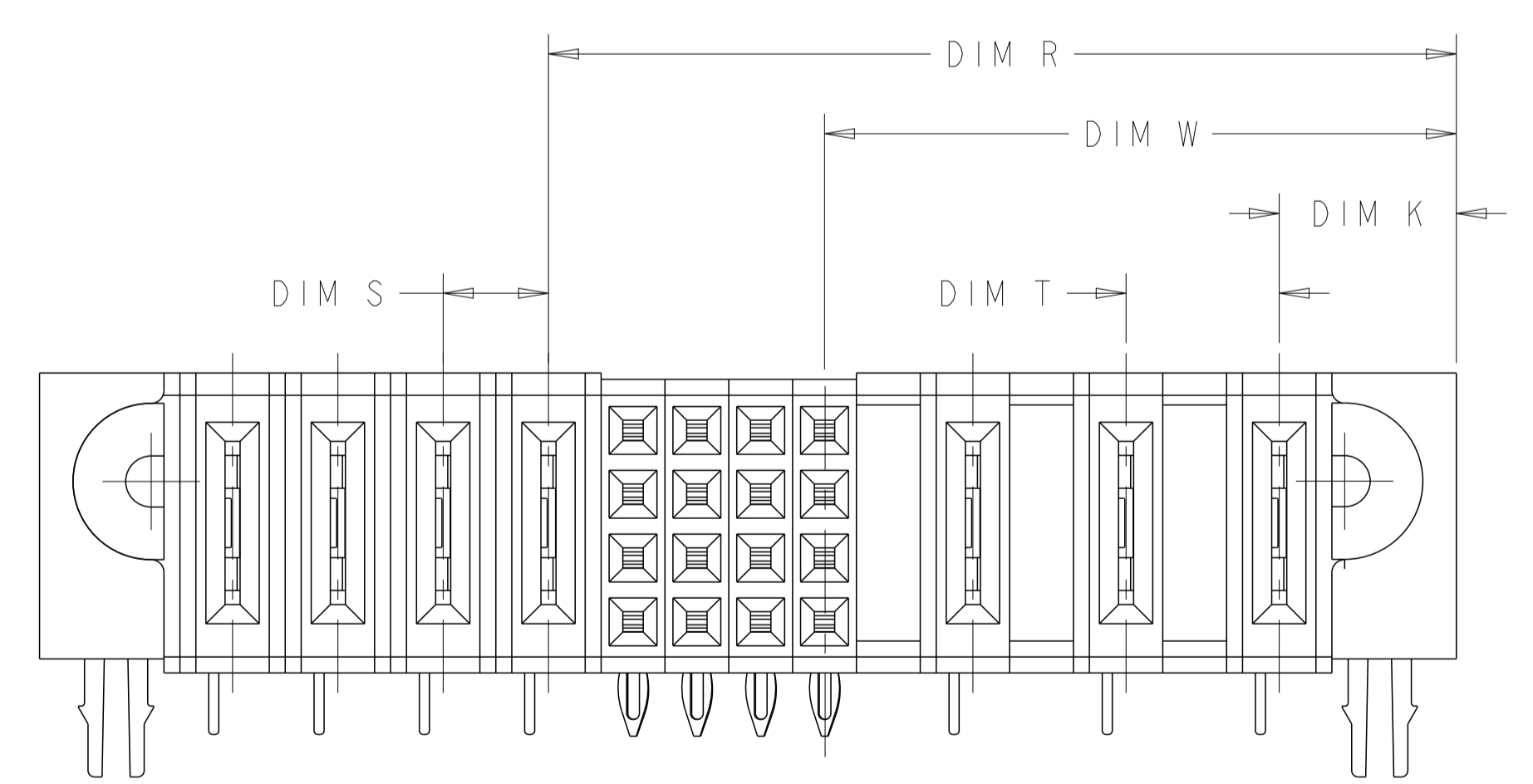
LOC	DIST	REVISIONS					
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1	-	-	-



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

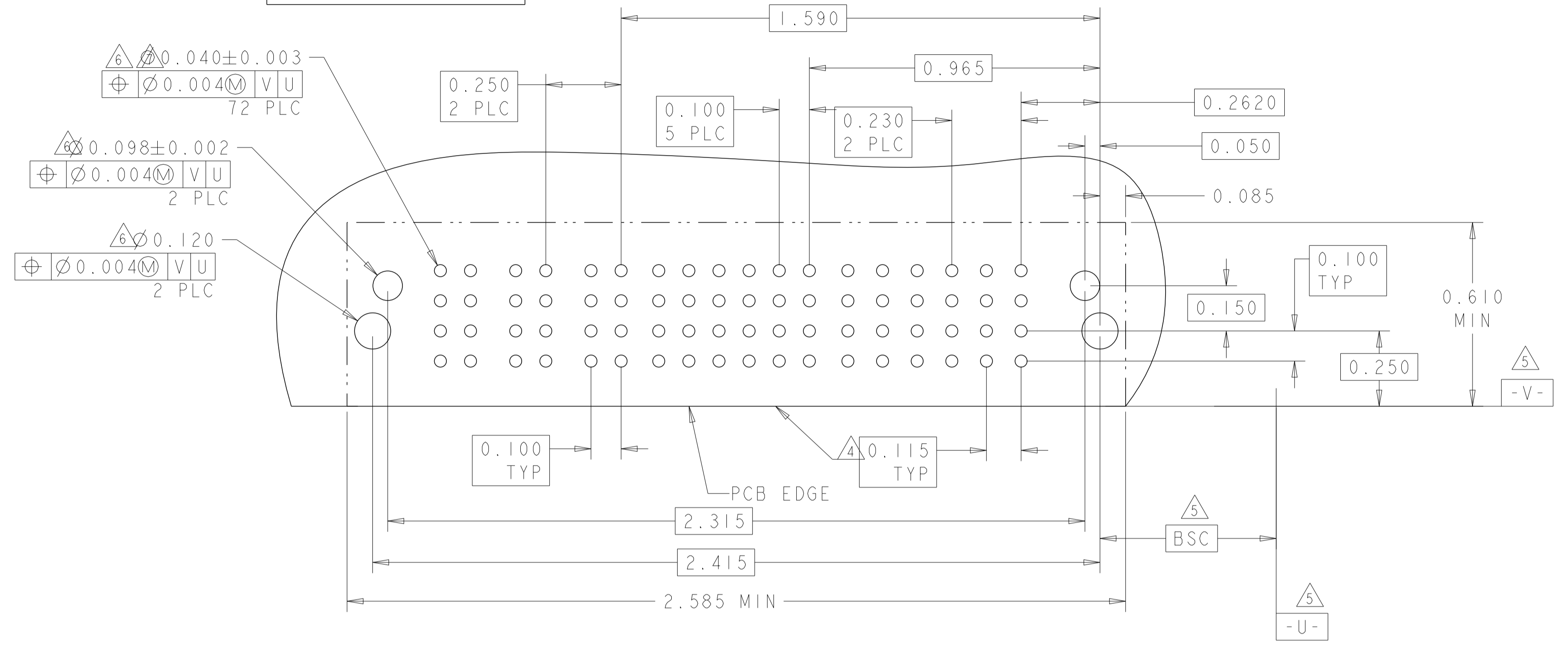


PART NUMBER 2-6450880-0, 2-6450880-7  
 UNSPECIFIED DIM REFER TO SHEET 1  
 FOR CONFIGURATION LP/S/LP

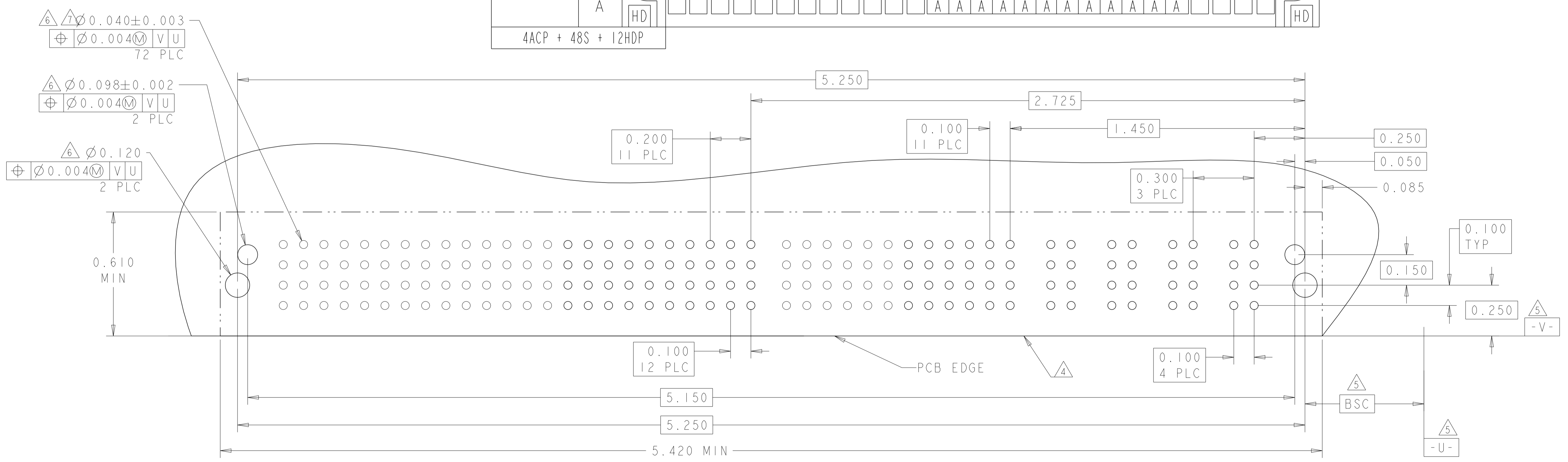
THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN S. ZHAO 25MAY2007	
DIMENSIONS: INCHES		CHK S. ZHAO 25MAY2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. ZHAO 25MAY2007	
0 PLC ±.1 1 PLC ±.1 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH		NAME RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 WEIGHT SCALE 4:1 SHEET 2 OF 15 REV F 11	
MATERIAL	CUSTOMER DRAWING	SIZE CAGE CODE DRAWING NO. A100779C=6450880	RESTRICTED TO

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

PART NUMBER	ROWS	POWER						SIGNAL						POWER								
		P3	P2	P1	6	5	4	3	2	1	LP6	LP5	LP4	LP3	LP2	LP1	LP6	LP5	LP4	LP3	LP2	LP1
6450880-1	D C B A	RP	RS	RS	D	D	D	D	D	D	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
					C	C	C	C	C	C	HD											
					B	B	B	B	B	B												
					A	A	A	A	A	A												
6LP + 24S + 3P																						



PART NUMBER	ROWS	POWER												SIGNAL												POWER				
		PI6	PI5	PI4	PI3	PI2	PI1	PI0	P9	P8	P7	P6	P5	12	11	10	9	8	7	6	5	4	3	2	1	P4	P3	P2	P1	
6450880-3	D C B A	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	D	D	D	D	D	D	D	D	D	D	D	RS	RS	RS	RS			
													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
4ACP + 48S + 12HDP																														



SIGNAL CONTACT ROW D	D
SIGNAL CONTACT ROW C	C
SIGNAL CONTACT ROW B	B
SIGNAL CONTACT ROW A	A
STD LP CONTACT	LS
MFBL POWER CONTACT	RP
STD POWER CONTACT	RS
DESCRIPTION	CODE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±.01
1 PLC	±.01
2 PLC	±.01
3 PLC	±.005
4 PLC	±.002
ANGLES	±.020
FINISH	2*

MATERIAL: .

DATE: 25MAY2007

DESIGNED BY: S. ZHAO

CHECKED BY: S. ZHAO

APPROVED BY: S. ZHAO

PRODUCT SPEC: 108-2292

APPLICATION SPEC: 114-13251

WEIGHT: .

CUSTOMER DRAWING

SCALE: 4:1

SHEET 3 OF 15

REV: F

STE TE Connectivity

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

SIZE: A1

CAGE CODE: 100779

DRAWING NO: 6450880

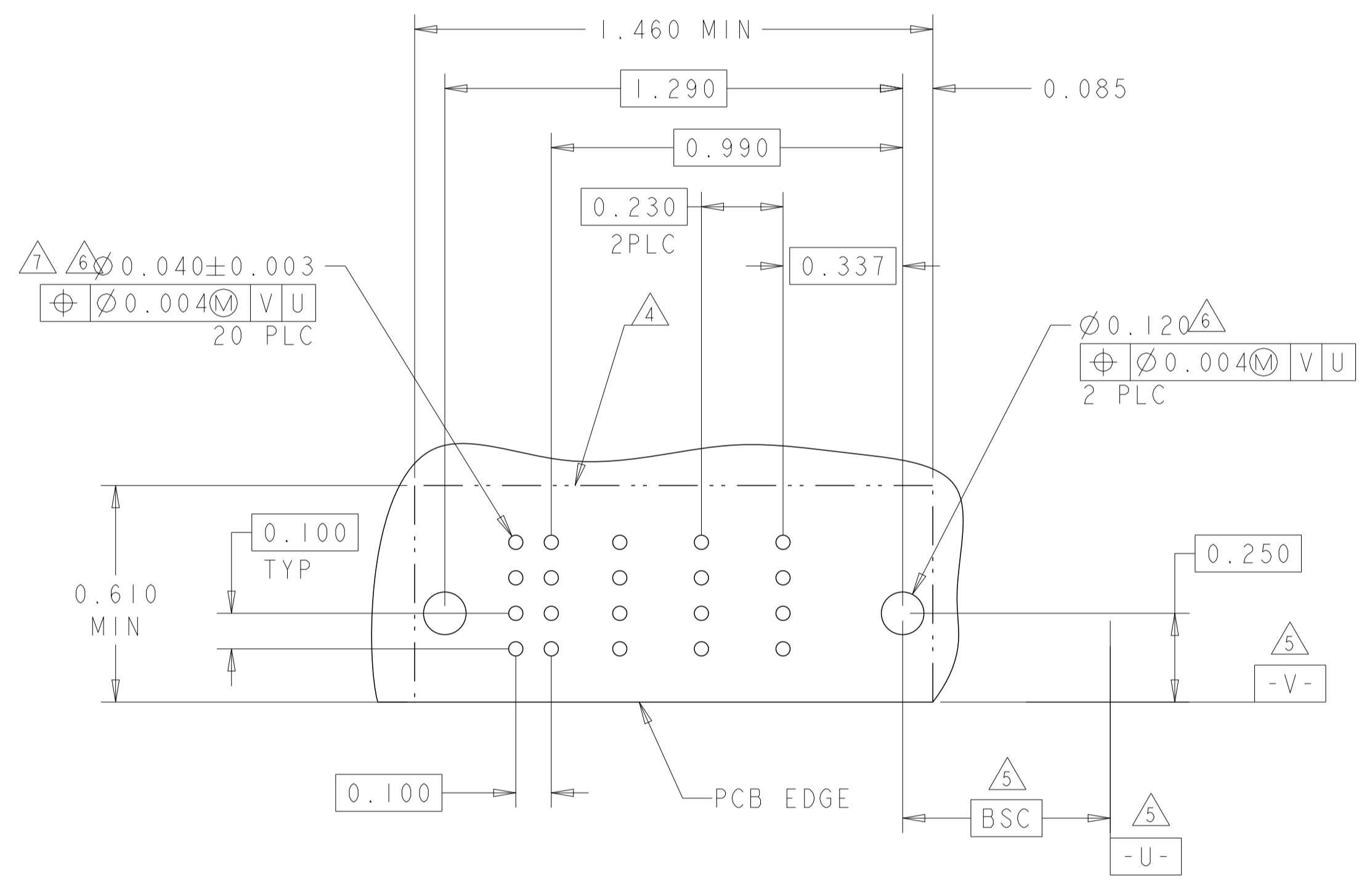
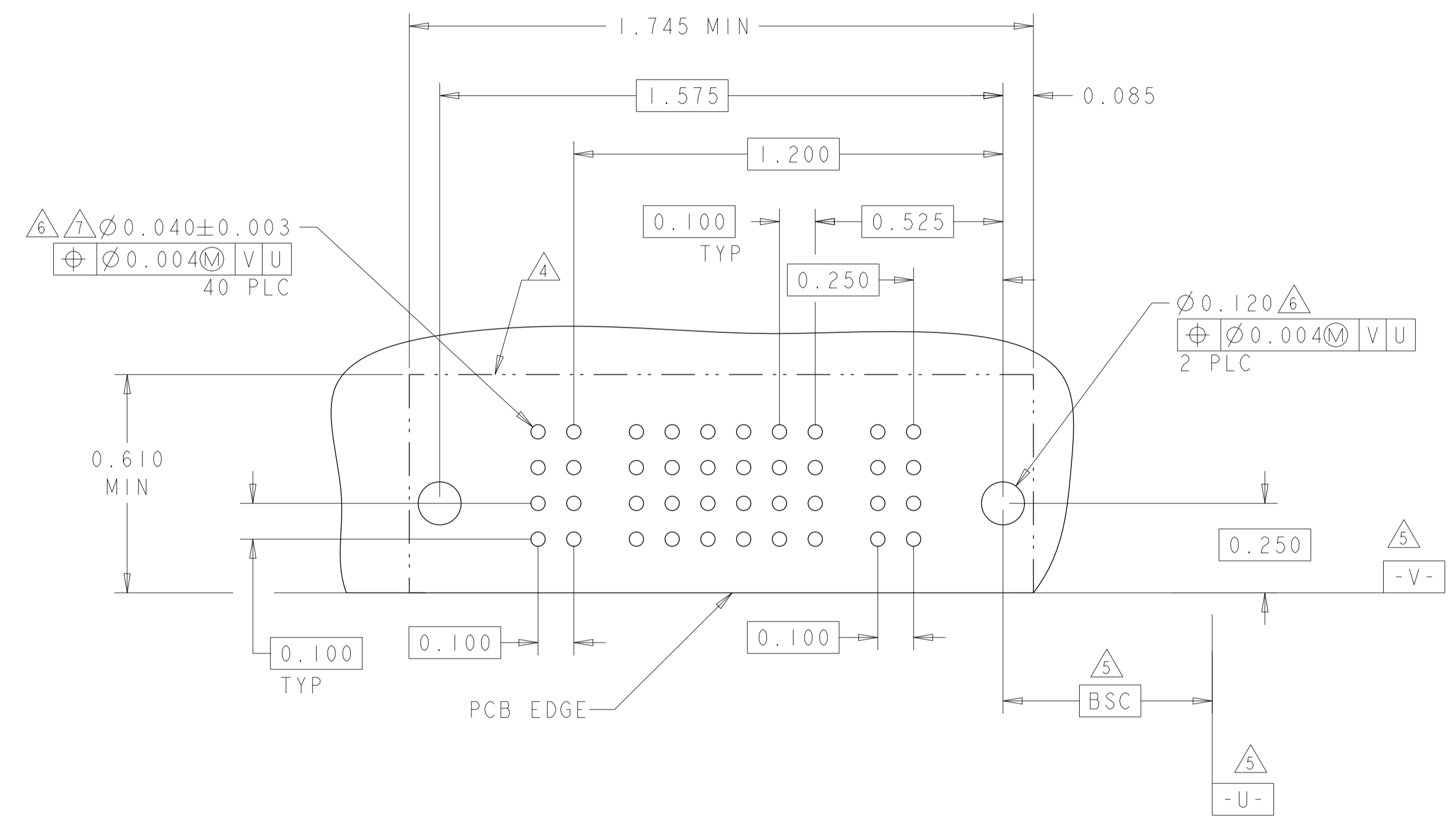
RESTRICTED TO: .



LOC	DIST	REV	DATE	BY	APPV
ES	00				
DESCRIPTION			DATE	BY	APPV
SEE SHEET 1					

PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P2		6	5	4	3	2	1	P1	
6450880-5	D	RS		D	D	D	D	D	D		RS
	C		C	C	C	C	C				
	B		B	B	B	B	B				
	A		A	A	A	A	A				
IP + 24S + IP											

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



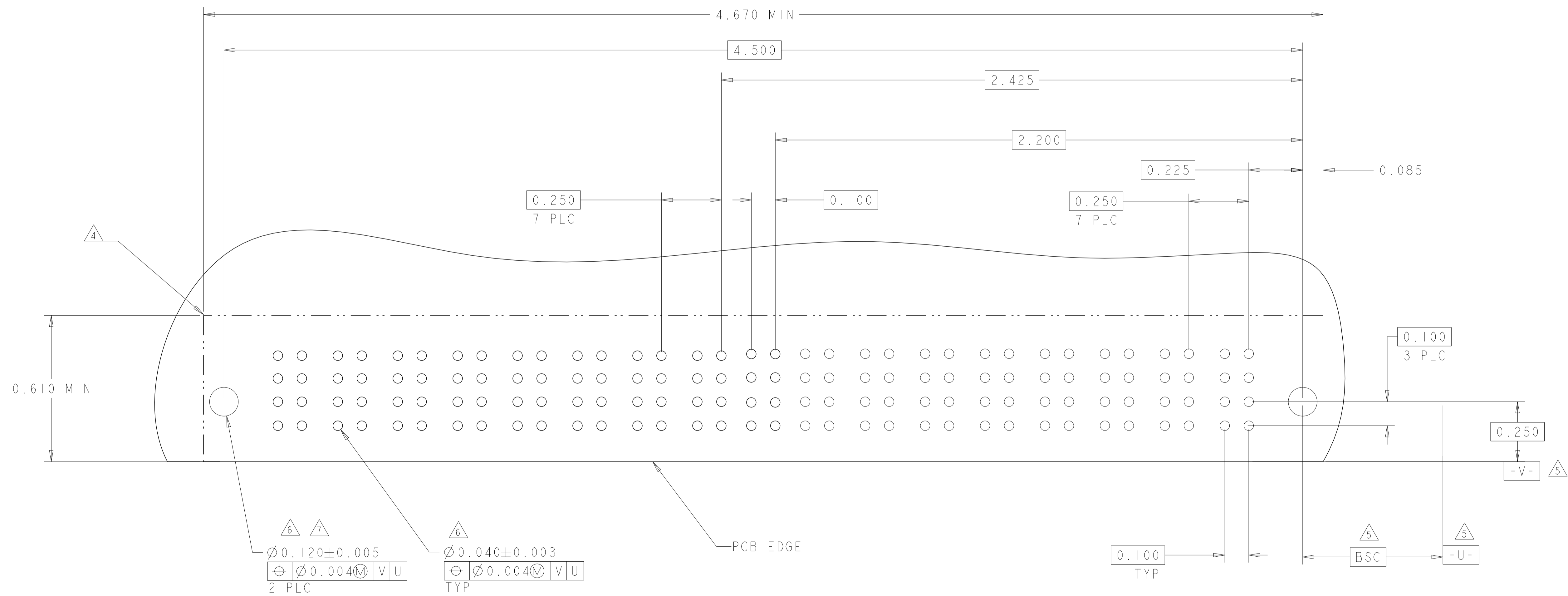
THIS DRAWING IS A CONTROLLED DOCUMENT.

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

OWN: S. ZHAO	25MAY2007	 TE Connectivity		
CHK: S. ZHAO	25MAY2007			
APPV: S. ZHAO	25MAY2007			
NAME: RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE				
MATERIAL:		SIZE: A100779	CAGE CODE: C=6450880	RESTRICTED TO:
CUSTOMER DRAWING	SCALE: 4:1	SHEET: 5	OF: 15	REV: F11

LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	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	RS	RS	RS	RS	RS	RS	RS	RS	RS	D	D	RS	RS	RS	RS	RS	RS	RS		
	C										C										
	B										B										
	A										A										
8P + 8S + 8P																					



THIS DRAWING IS A CONTROLLED DOCUMENT.

DMN	S. ZHAO	25MAY2007
CHK	S. ZHAO	25MAY2007
APPD	S. ZHAO	25MAY2007

**TE** Connectivity

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

PRODUCT SPEC: 108-2292

APPLICATION SPEC: 114-13251

SIZE: A1

CAGE CODE: 00779

DRAWING NO: C=6450880

RESTRICTED TO: F11

CUSTOMER DRAWING

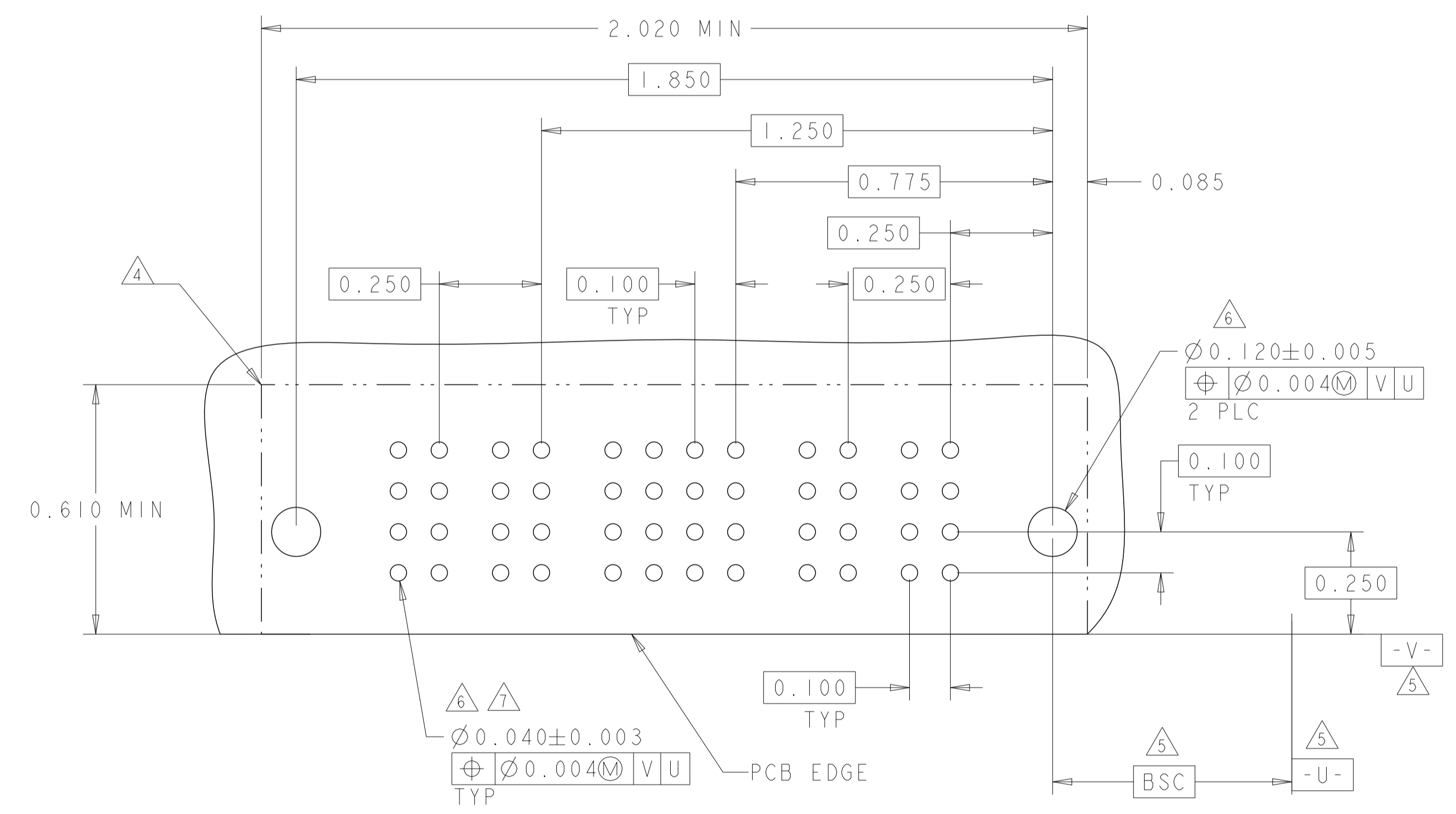
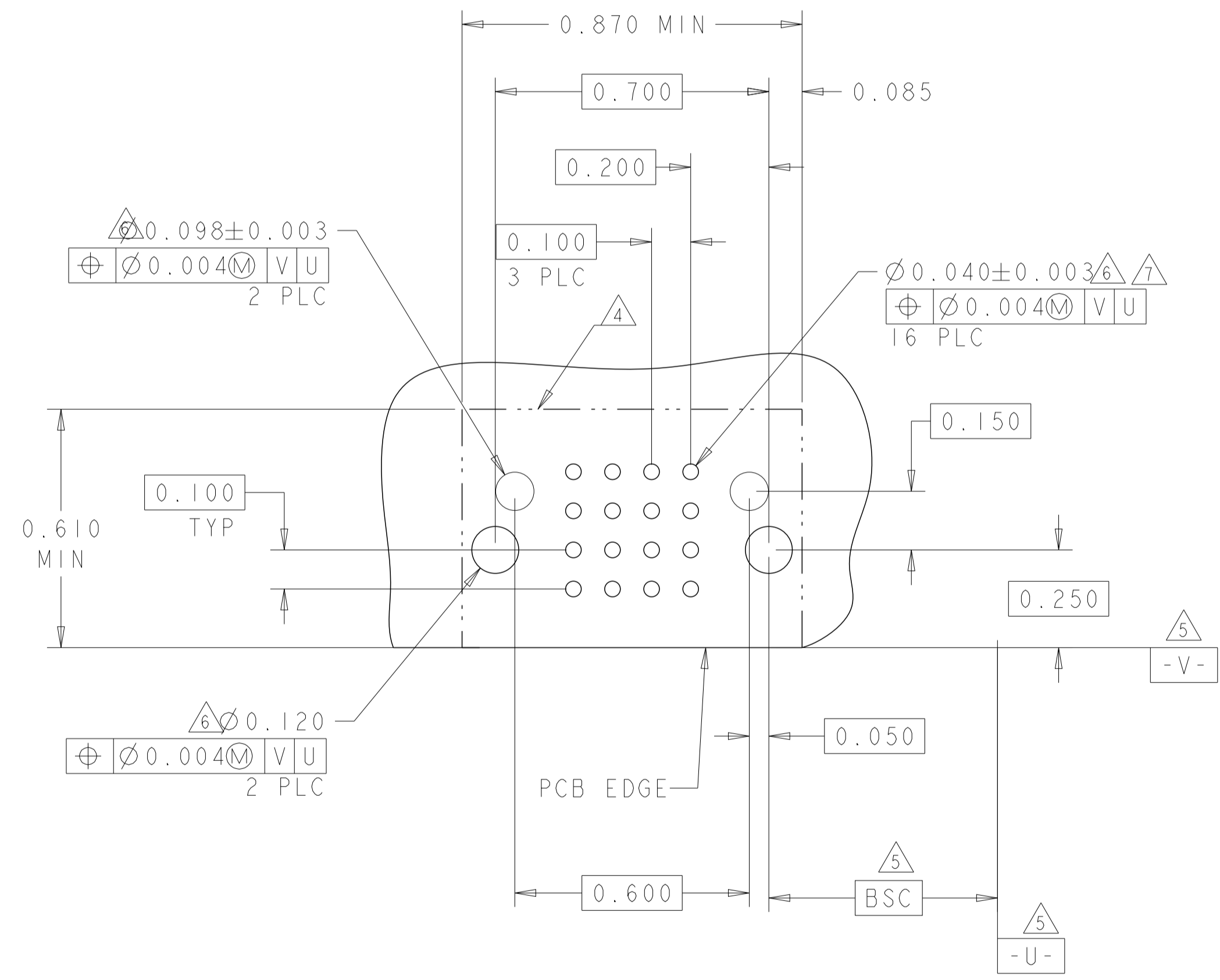
SCALE: 4:1

SHEET: 6 OF 15

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

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

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN S. ZHAO 25MAY2007	CHK S. ZHAO 25MAY2007	APVD S. ZHAO 25MAY2007	NAME
0 PLC ±.1	1 PLC ±.01	PRODUCT SPEC	108-2292	APPLICATION SPEC	RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
4 PLC ±.0020	ANGLES ±.2°	114-13251	WEIGHT	SCALE 4:1	SHEET 7 OF 15
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE 4:1	SHEET 7 OF 15	REV F

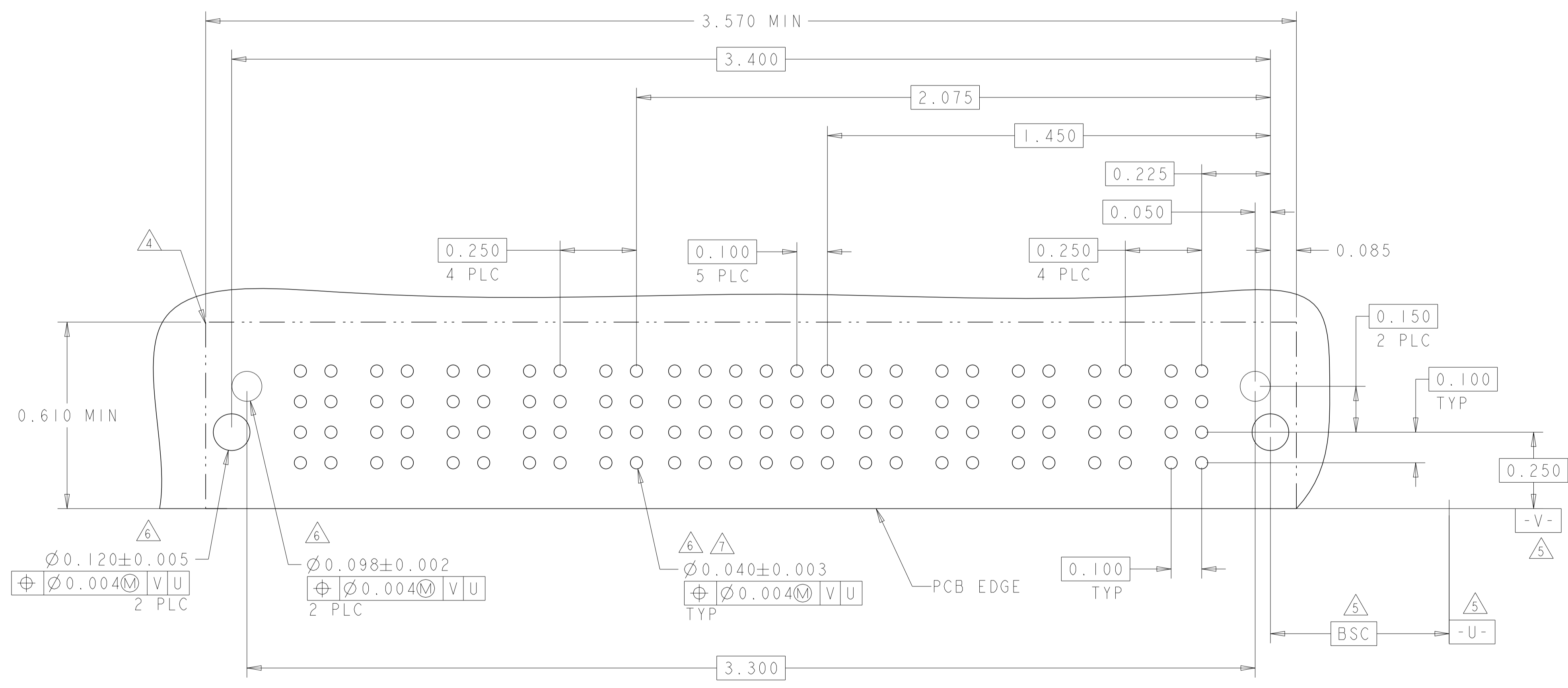
STC TE Connectivity

SIZE CAGE CODE DRAWING NO. RESTRICTED TO  
 A100779C=6450880



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

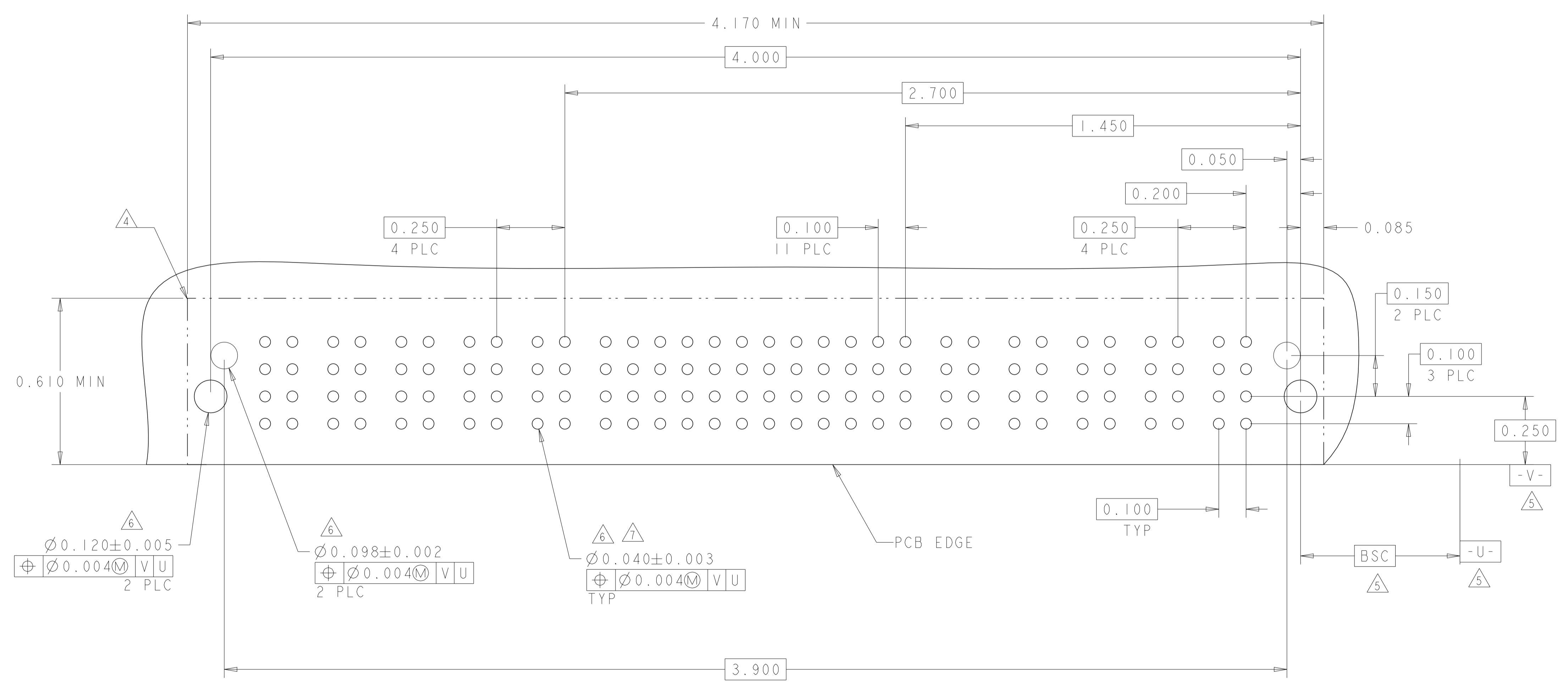
PART NUMBER	ROWS	POWER					SIGNAL						POWER				
		P10	P9	P8	P7	P6	6	5	4	3	2	1	P5	P4	P3	P2	P1
1-6450880-7	D	RS	RS	RS	RS	RS	D	D	D	D	D	D	RS	RS	RS	RS	RS
	C						C	C	C	C	C						
	B						B	B	B	B	B						
	A						A	A	A	A	A						
5P + 24S + 5P																	



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN S. ZHAO 25MAY2007	TE Connectivity
DIMENSIONS: INCHES		CHK S. ZHAO 25MAY2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. ZHAO 25MAY2007	NAME
0 PLC ±.1	1 PLC ±.1	PRODUCT SPEC	RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
2 PLC ±.01	3 PLC ±.005	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO
4 PLC ±.0020	ANGLES ±2°	114-13251	A100779C=6450880
MATERIAL	FINISH	WEIGHT	RESTRICTED TO
CUSTOMER DRAWING		SCALE 4:1	SHEET 9 OF 15

LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	OWN	APVD
ES	00	-	-	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	RS	RS	RS	RS	RS	D	D	D	D	D	D	D	D	D	D	D	D	D	RS	RS	RS	RS	RS			
							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
							A	A	A	A	A	A	A	A	A	A	A	A	A						A	A	A
5P + 48S + 5P																											



THIS DRAWING IS A CONTROLLED DOCUMENT.

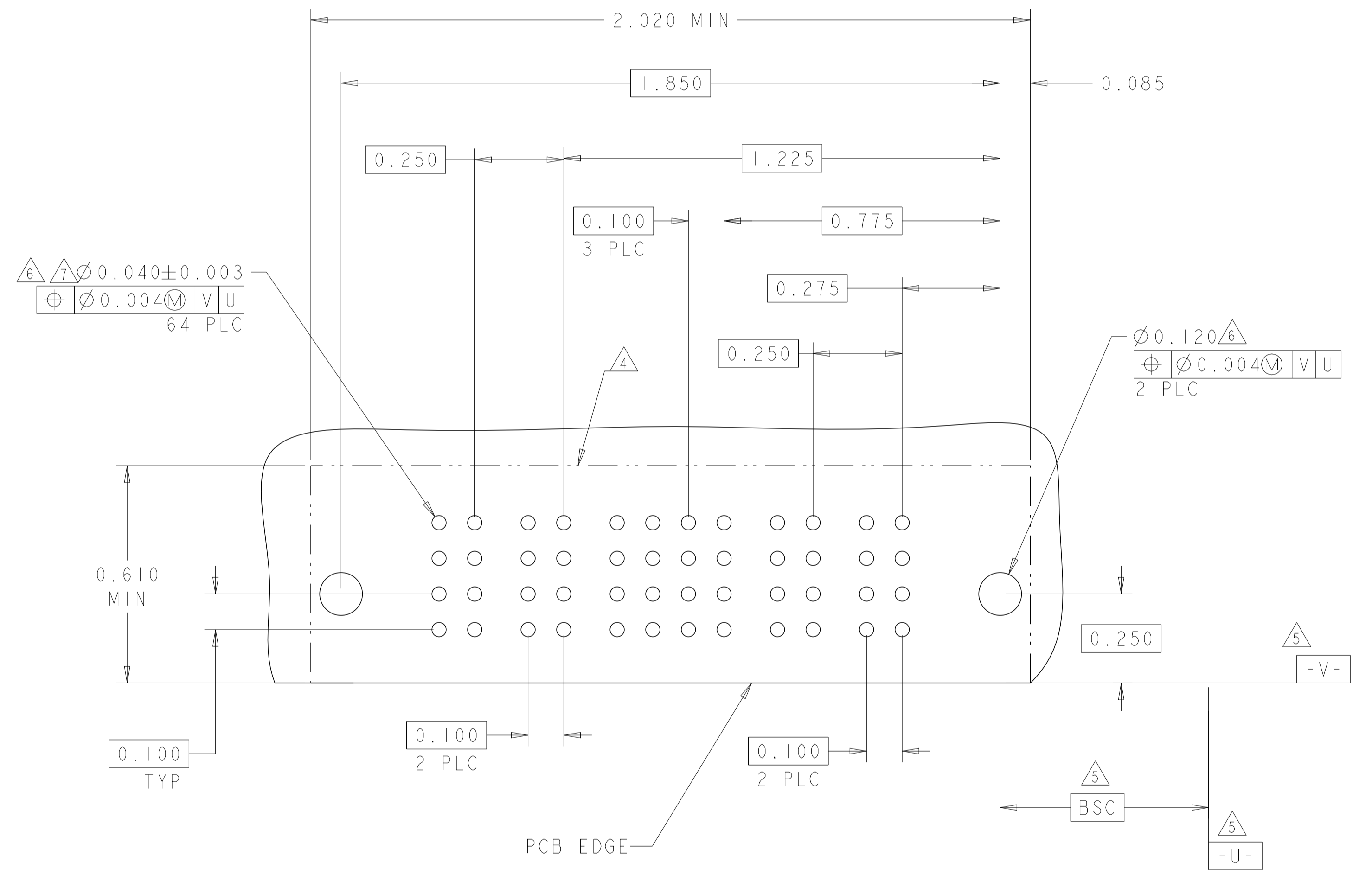
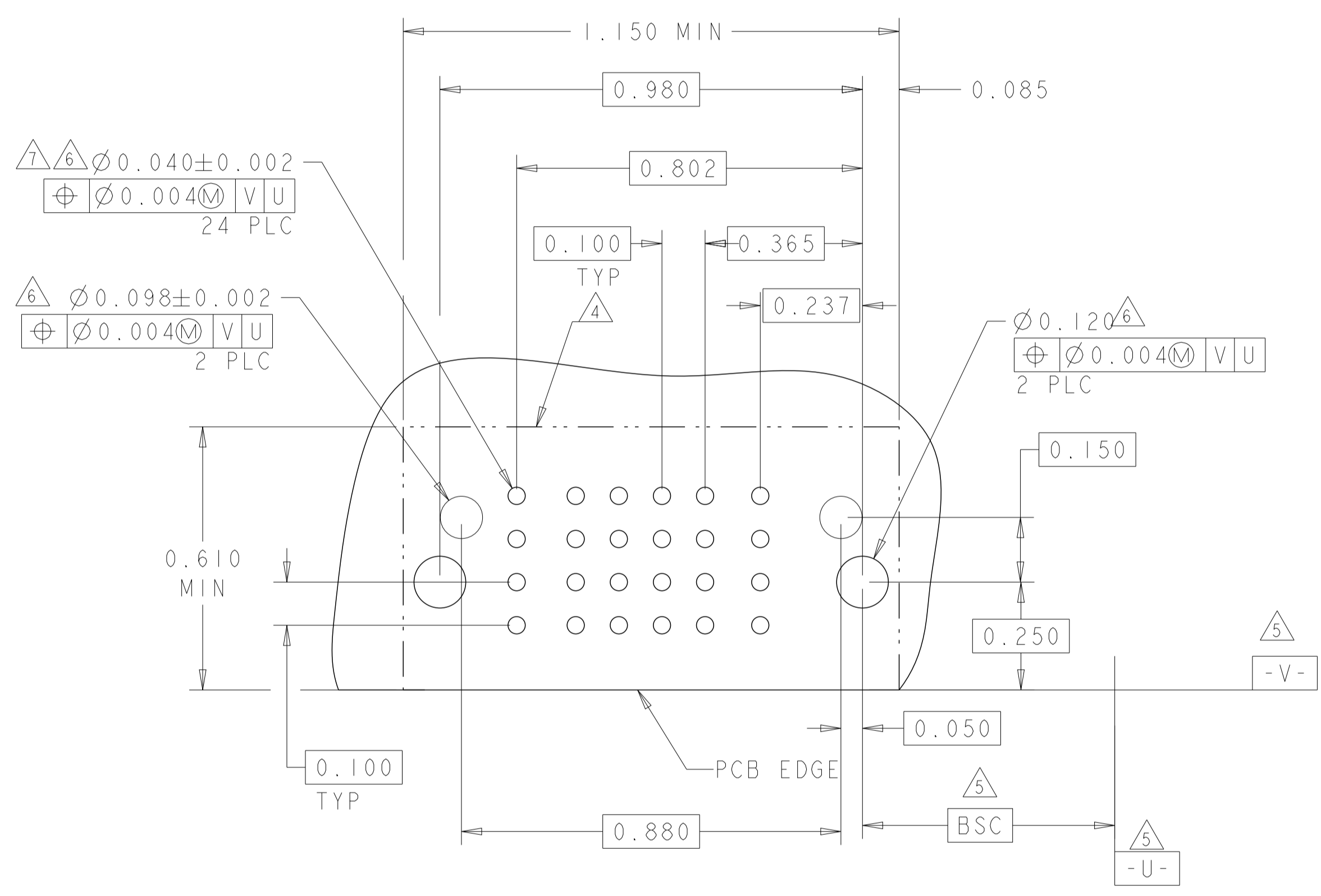
OWN: S. ZHAO	25MAY2007	TE Connectivity NAME: RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
CHK: S. ZHAO	25MAY2007	
APVD: S. ZHAO	25MAY2007	
PRODUCT SPEC: 108-2292	APPLICATION SPEC: 114-13251	
DIMENSIONS: INCHES		RESTRICTED TO:
TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE: A1
0 PLC ±.1	1 PLC ±.01	CAGE CODE: 6450880
2 PLC ±.01	3 PLC ±.005	SCALE: 4:1
4 PLC ±.002	ANGLES ±2°	SHEET 10 OF 15
MATERIAL: -	FINISH: -	REV: F11
CUSTOMER DRAWING		



LOC	DIST	REVISIONS			
P	LTH	DESCRIPTION	DATE	DNW	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER	SIGNAL				POWER
			P2	4	3	2	
2-6450880-0	D	LS	D	D	D	D	LS
	C		C	C	C		
	B		B	B	B		
	A		A	A	A		
ILP + 16S + ILP		HD		HD			

PART NUMBER	ROWS	POWER	SIGNAL				POWER
			P4	P3	4	3	
2-6450880-6	D	RS	D	D	D	D	RS
	C		C	C	C		
	B		B	B	B		
	A		A	A	A		
2P + 16S + 2P		HD		HD			



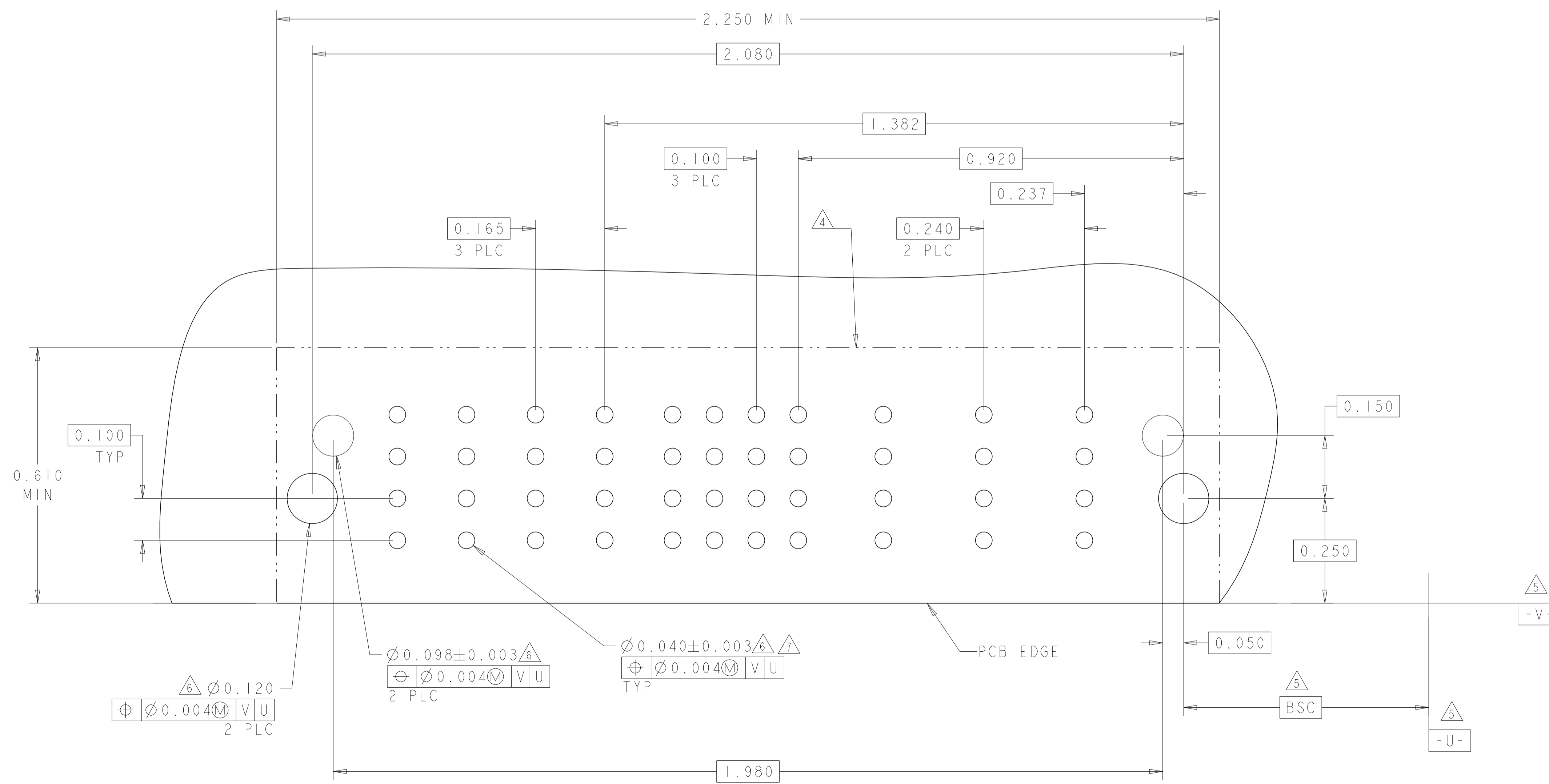
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DNW	S. ZHAO	25MAY2007
INCHES	0 PLC $\pm .1$	CHK	S. ZHAO	25MAY2007
	1 PLC $\pm .01$	APVD	S. ZHAO	25MAY2007
	2 PLC $\pm .005$	NAME	RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE	
	3 PLC $\pm .0020$	PRODUCT SPEC	108-2292	
	4 PLC $\pm .0020$	APPLICATION SPEC	114-13251	
	ANGLES $\pm .2^\circ$	SIZE	CAGE CODE	DRAWING NO
MATERIAL	FINISH	WEIGHT	A100779	C=6450880
		CUSTOMER DRAWING	SCALE	4:1 SHEET 12 OF 15

RESTRICTED TO

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

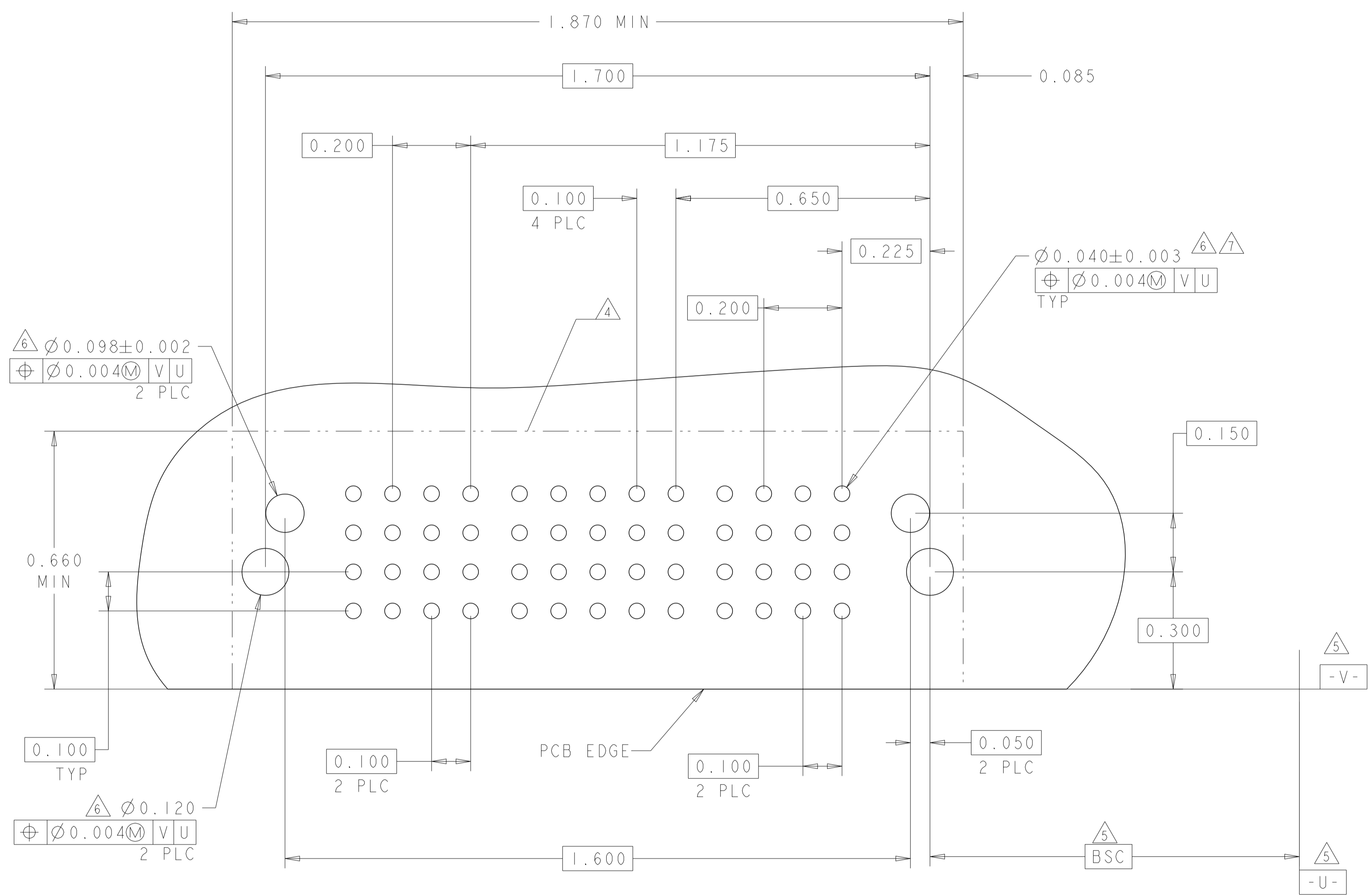
PART NUMBER	ROWS	POWER				SIGNAL				POWER		
		LP7	LP6	LP5	LP4	4	3	2	1	LP3	LP2	LP1
2-6450880-7	D	LS	LS	LS	LS	D	D	D	D	LS	LS	LS
	C					C	C	C				
	B					B	B	B				
	A					A	A	A				
3LP + 16S + 4LP		HD										



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN S. ZHAO 25MAY2007	TE Connectivity
DIMENSIONS: INCHES		CHK S. ZHAO 25MAY2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. ZHAO 25MAY2007	NAME
0 PLC ±.1	1 PLC ±.01	PRODUCT SPEC	RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
2 PLC ±.01	3 PLC ±.005	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO
4 PLC ±.0020	ANGLES ±2°	RESTRICTED TO	A100779C=6450880
MATERIAL	FINISH	WEIGHT	SCALE 4:1 SHEET 13 OF 15 REV F
CUSTOMER DRAWING			

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

PART NUMBER	ROWS	POWER		SIGNAL					POWER	
		P4	P3	5	4	3	2	1	P2	P1
2-6450880-9	D	RS	RS	D	D	D	D	D	RS	RS
	C			C	C	C	C			
	B			B	B	B	B			
	A			A	A	A	A			
2P + 20S + 2P										



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. ZHAO 25MAY2007	TE Connectivity
DIMENSIONS: INCHES		CHK S. ZHAO 25MAY2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. ZHAO 25MAY2007	NAME
0 PLC ±.1	1 PLC ±.1	PRODUCT SPEC	RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
2 PLC ±.01	3 PLC ±.01	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO
4 PLC ±.005	5 PLC ±.005	114-13251	RESTRICTED TO
ANGLES ±.0020	FINISH *2"	WEIGHT	A100779C=6450880
MATERIAL		CUSTOMER DRAWING	SCALE 4:1 SHEET 14 OF 15 REV F 11

