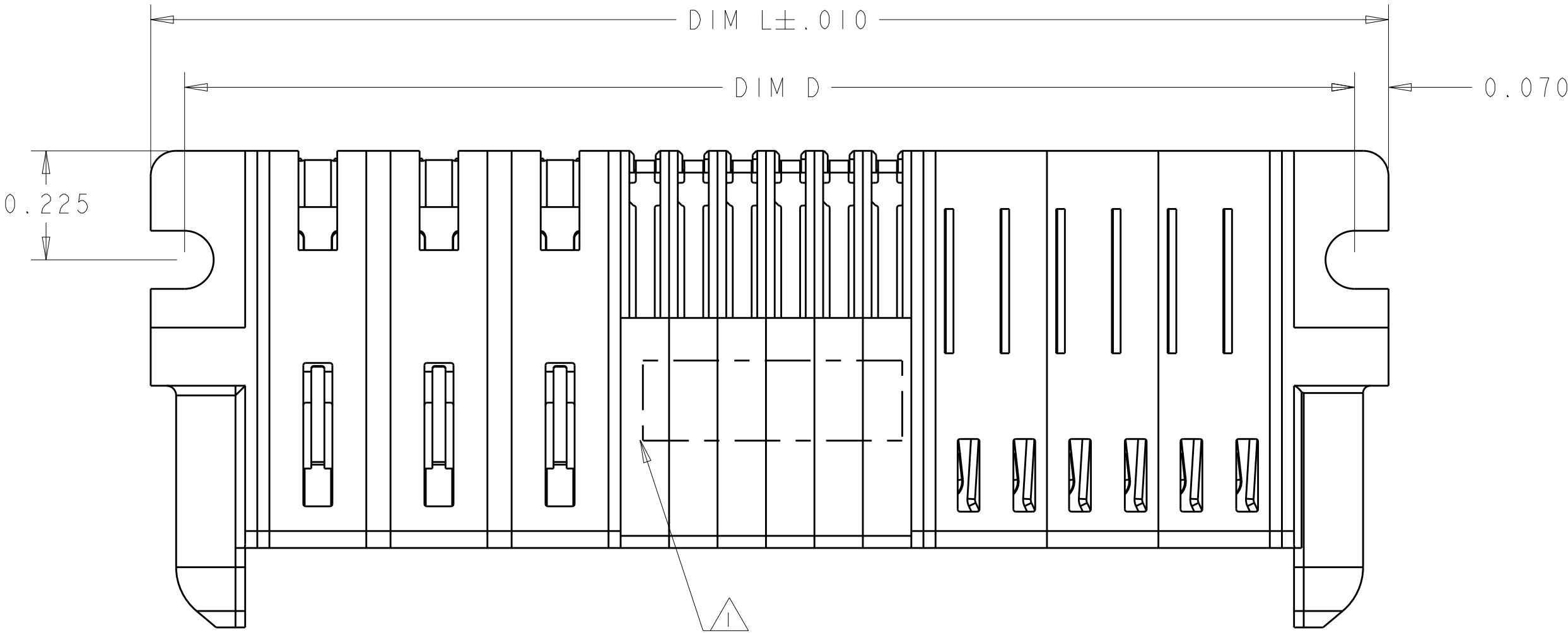
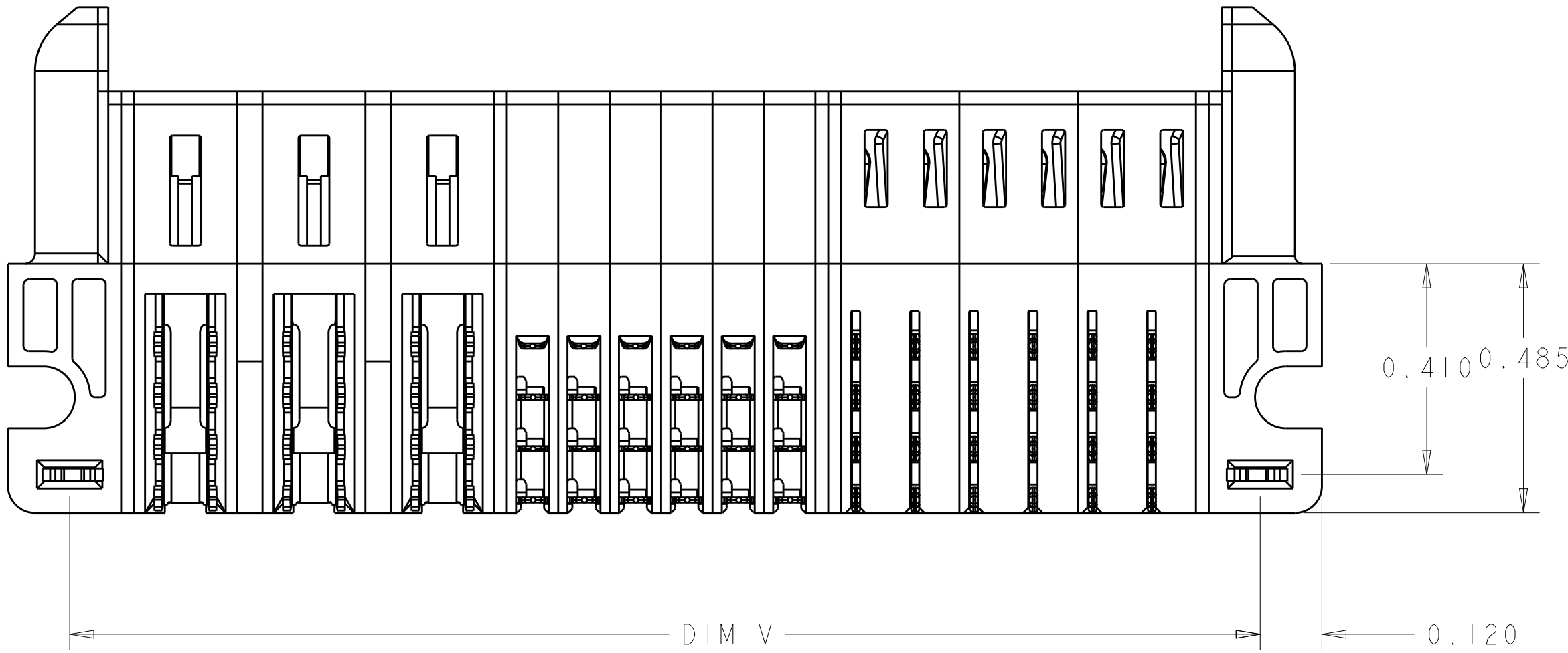
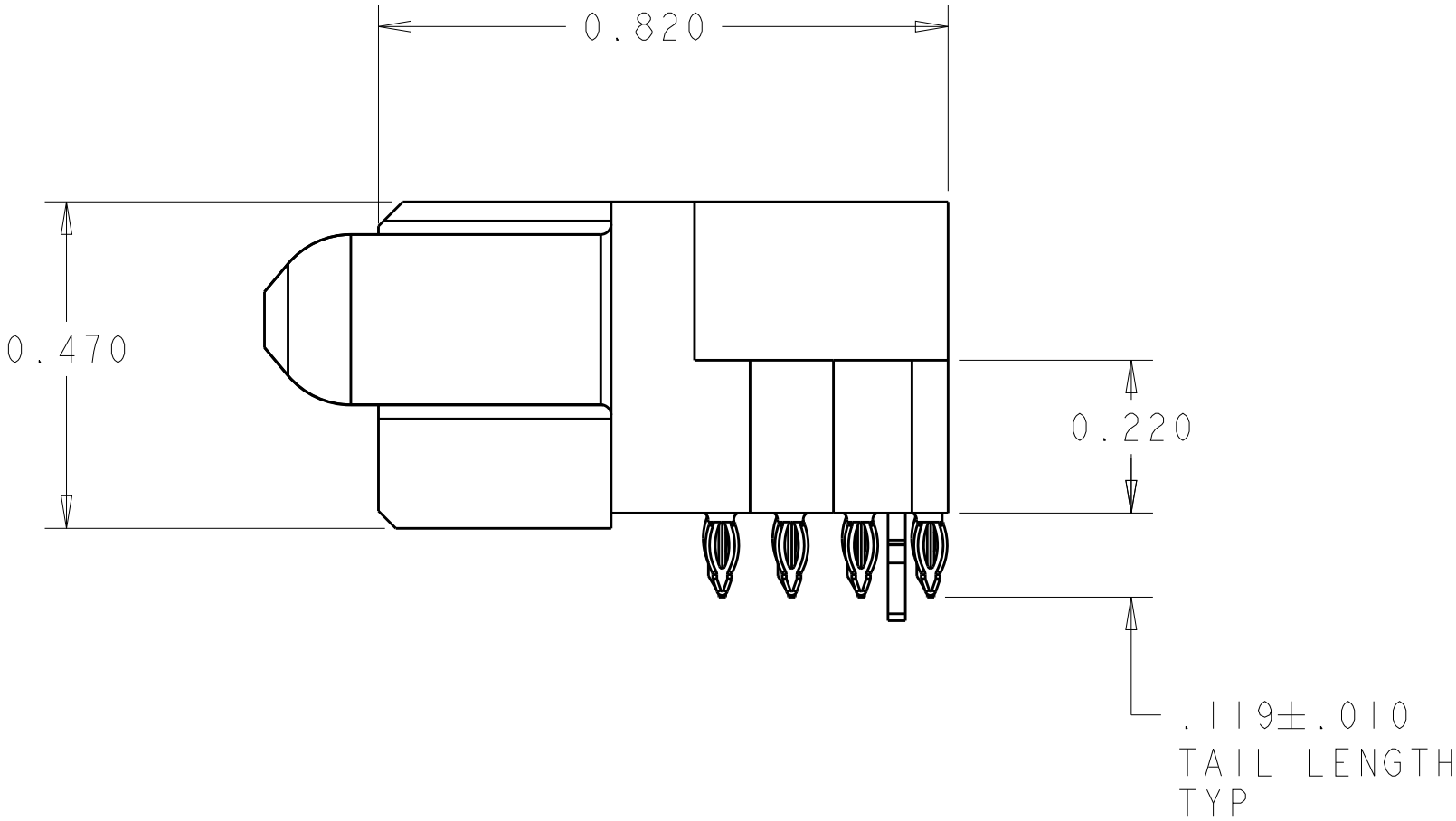
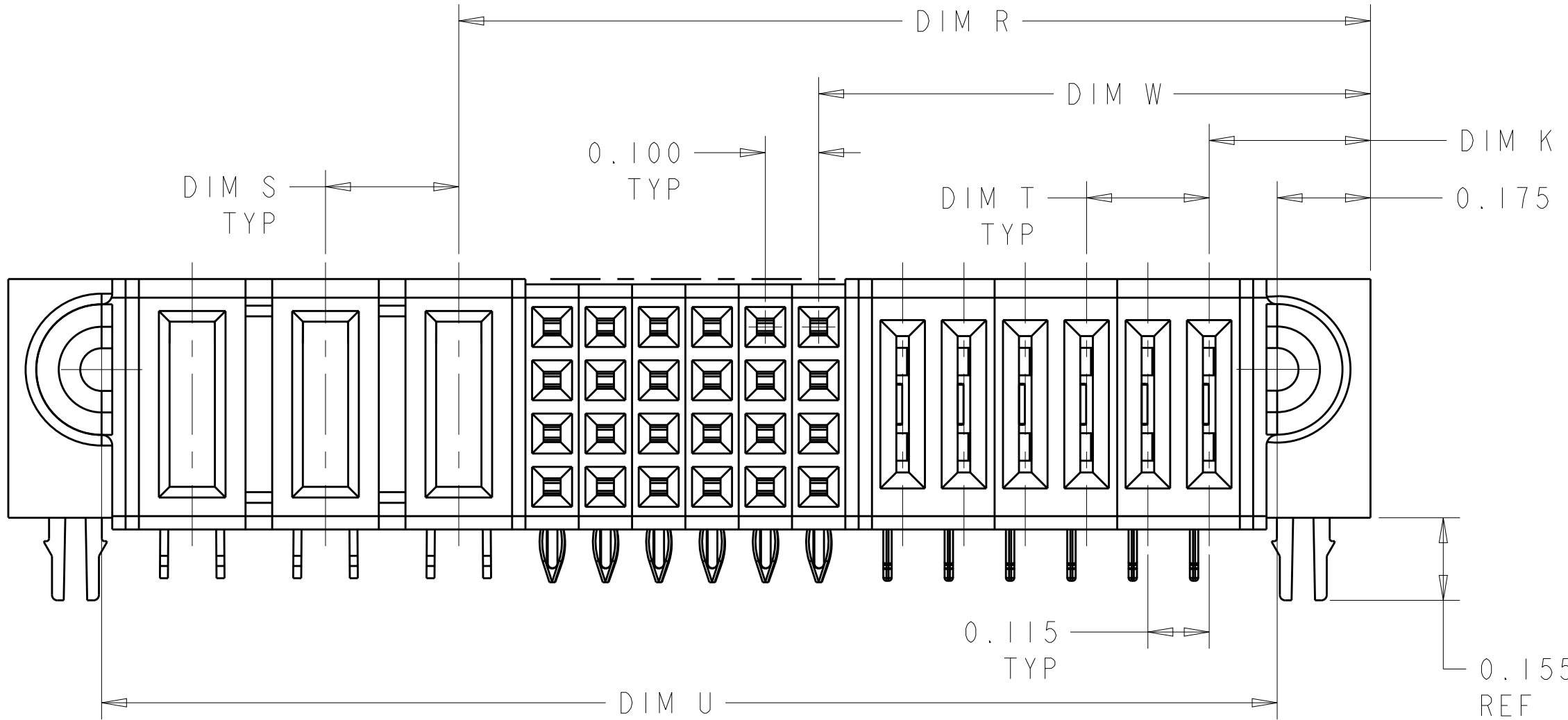


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		F5	REMOVED 2-8			



- 1 "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN
PARTS UNDER 2.000 MAY BE MARKED ON BOTH SIDES.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O
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 HOLE PLATED WITH .0003 MIN Sn
OVER .001-.003 PLATING TO ACHIEVE A .040 HOLE
- 8 FOR P/S/P, P/S/LP CONFIGURATION, PLEASE REFER TO SHEET 2
- 9 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 ±.01
2 PLC ±.005
3 PLC ±.0020
4 PLC ANGLES ±.2°
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
6450880

RESTRICTED TO
-

SCALE
4:1

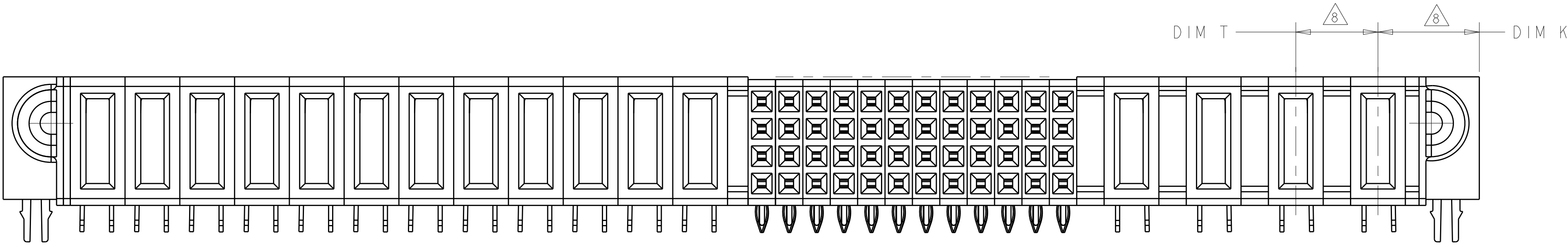
SHEET
1

OF
13

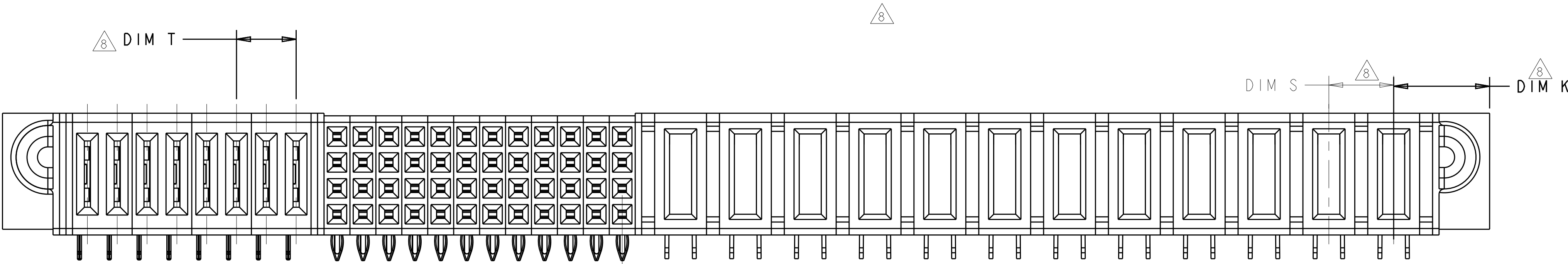
REV
F5

TE Connectivity

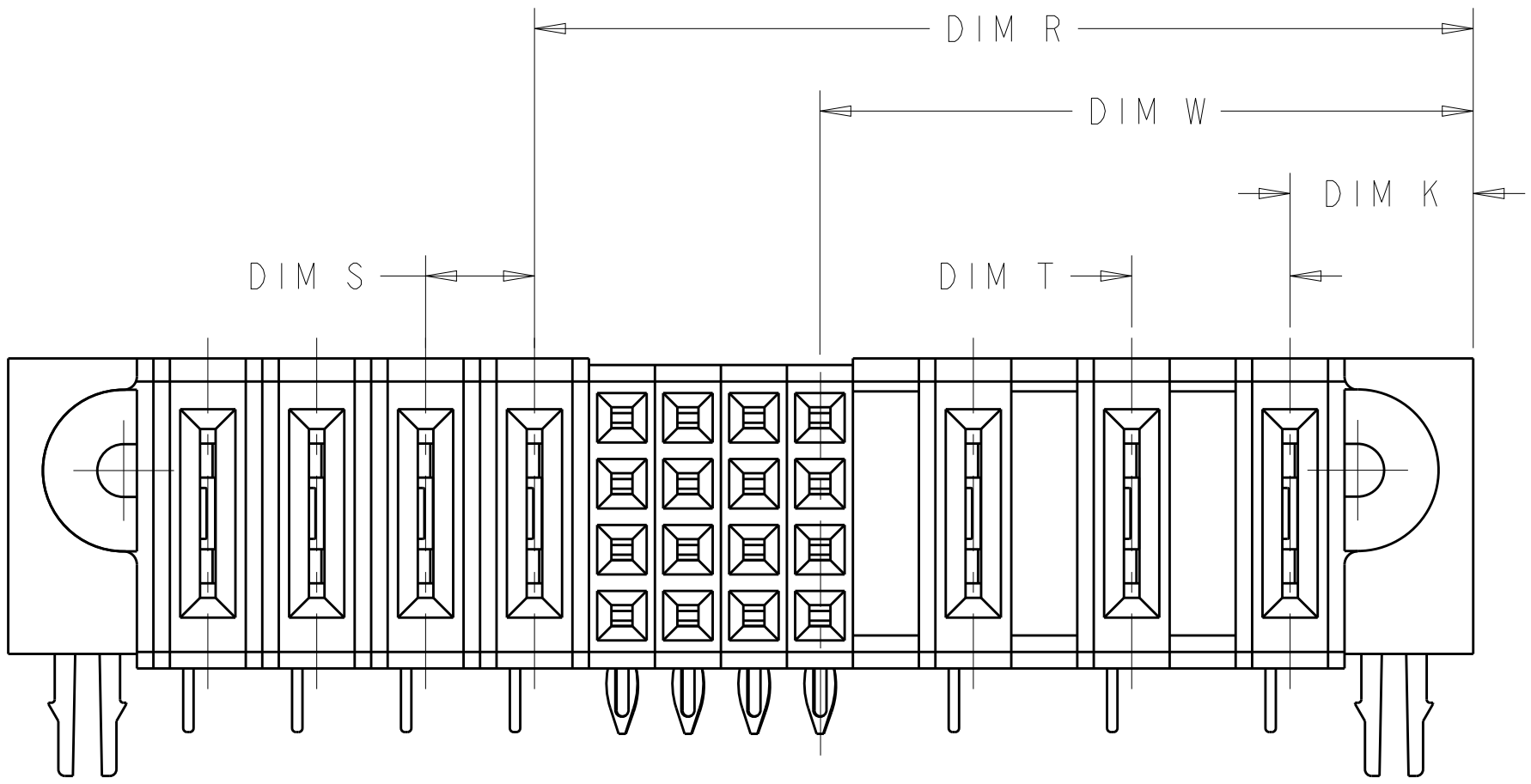
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



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



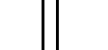
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UNSPECIFIED DIM REFER TO SHEET 1
SCALE 7:2

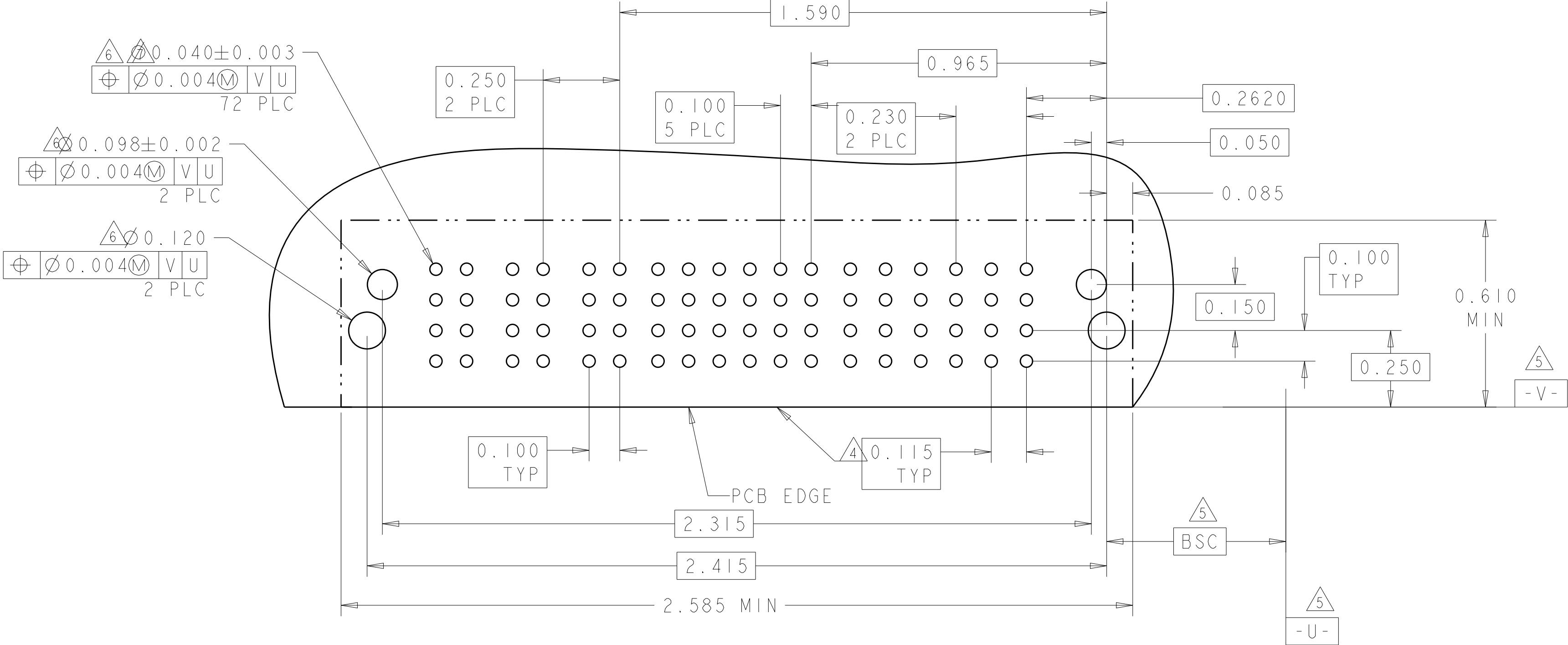


PART NUMBER 2-6450880-0,2-6450880-7
UNSPECIFIED DIM REFER TO SHEET 1
FOR CONFIGURATION LP/S/LP

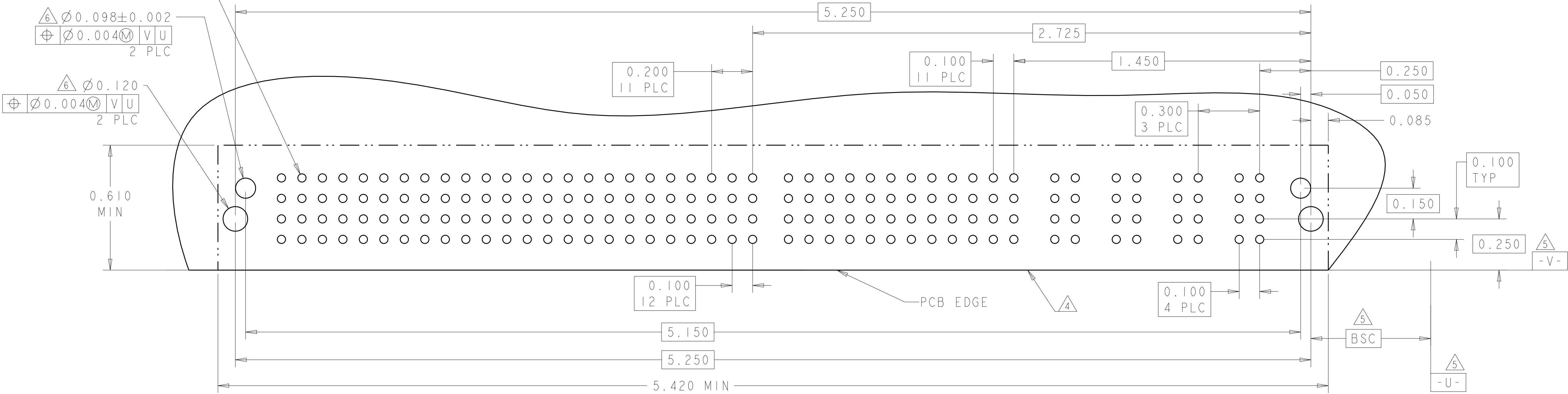
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	S.ZHAO	25MAY2007	 TE Connectivity			
		CHK	S.ZHAO	25MAY2007				
		APVD	S.ZHAO	25MAY2007				
		NAME						
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE				
INCHES								
		PRODUCT SPEC						
		108-2292						
		APPLICATION SPEC						
		114-13251		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO
		WEIGHT						
		-						
		-						
MATERIAL		FINISH		A100779C=6450880		-		
				CUSTOMER DRAWING		SCALE 4:1 SHEET 2 OF 13 REV F5		

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

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



PART NUMBER	ROWS		POWER													SIGNAL													POWER																	
			P16	P15	P14	P13	P12	P11	P10	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	RS	D	D	D	D	D	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	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	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	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

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.1
1 PLC ±.1
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±.2°
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
100779

DRAWING NO
6450880

RESTRICTED TO
-

SCALE
4:1

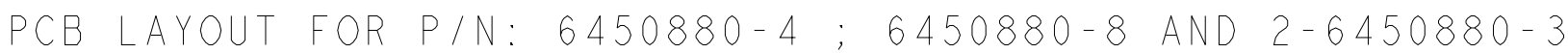
SHEET
3

OF
13

REV
F5

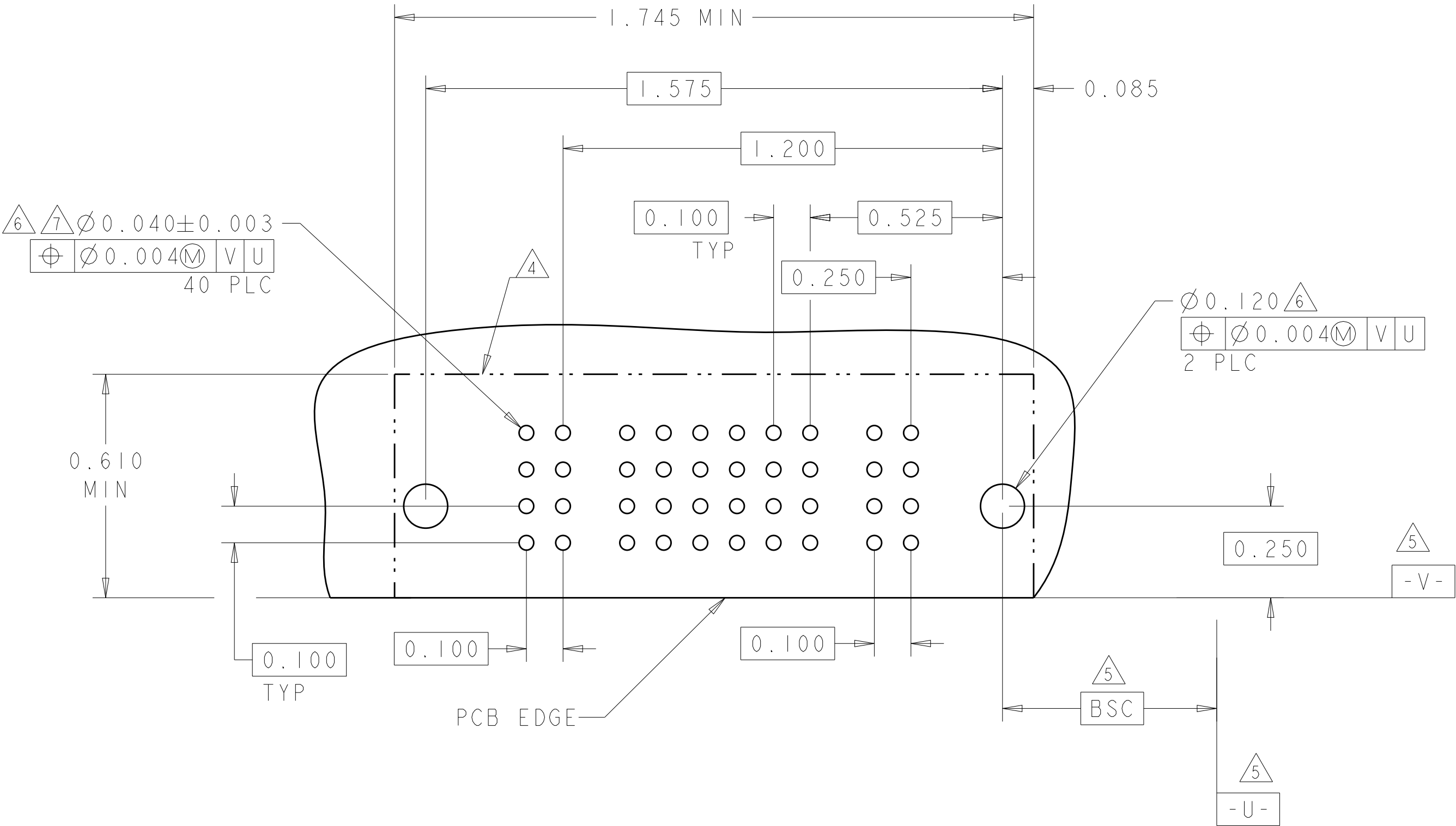
PART NUMBER	ROWS		POWER								SIGNAL												POWER																		
			LP8	LP7	LP6	LP5	LP4	LP3	LP2	LP1	I2	I1	I0	9	8	7	6	5	4	3	2	1	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1							
6450880-8	D		LS	LS	LS	LS	LS	LS	LS	D	D	D	D	D	D	D	D	D	D	D	D	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS								
	C									C	C	C	C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

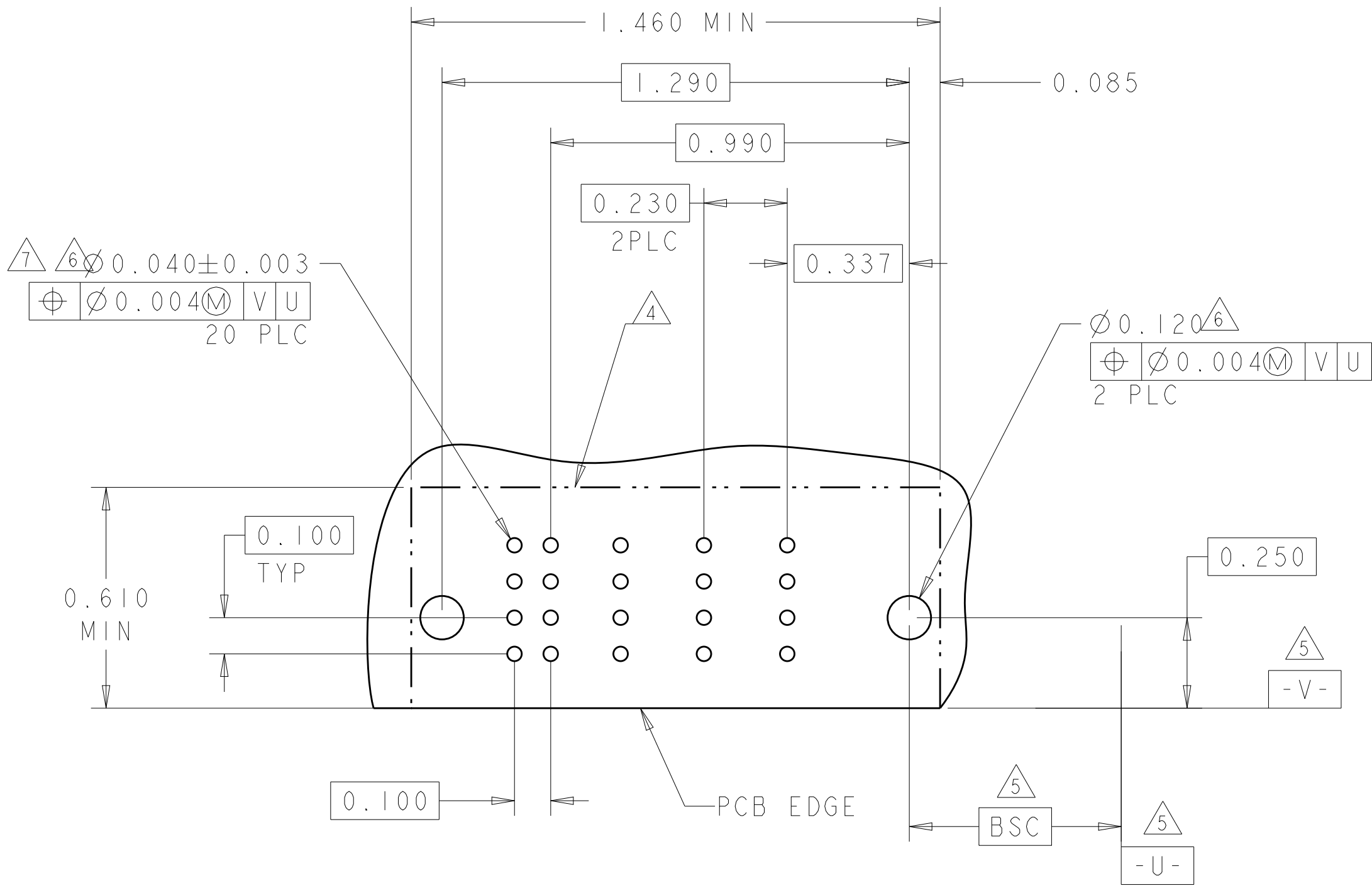
4805 (3/11)

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	
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	LP1		
6450880-6	D		D	D								
	C		C	LS							LS	LS
	B		B									
	A		A									
6LP + 8S												



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

DIMENSIONS:
INCHES

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

MATERIAL -

TOLERANCES UNLESS OTHERWISE SPECIFIED:
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 A100779
CAGE CODE C=6450880
DRAWING NO. 6450880

RESTRICTED TO -

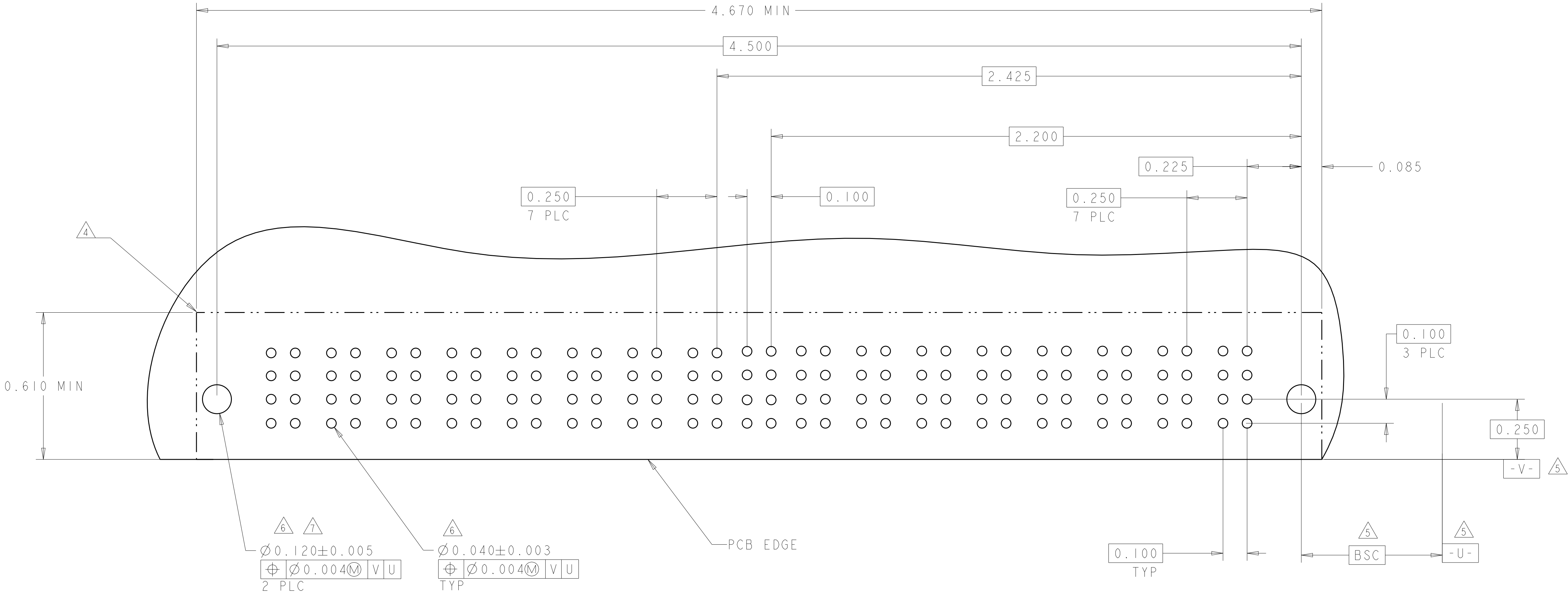
SCALE 4:1

SHEET 5 OF 13

REV F5

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 PLC ±.1

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES ±2°

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

6450880

RESTRICTED TO

-

SCALE

4:1

SHEET

6

OF

13

REV

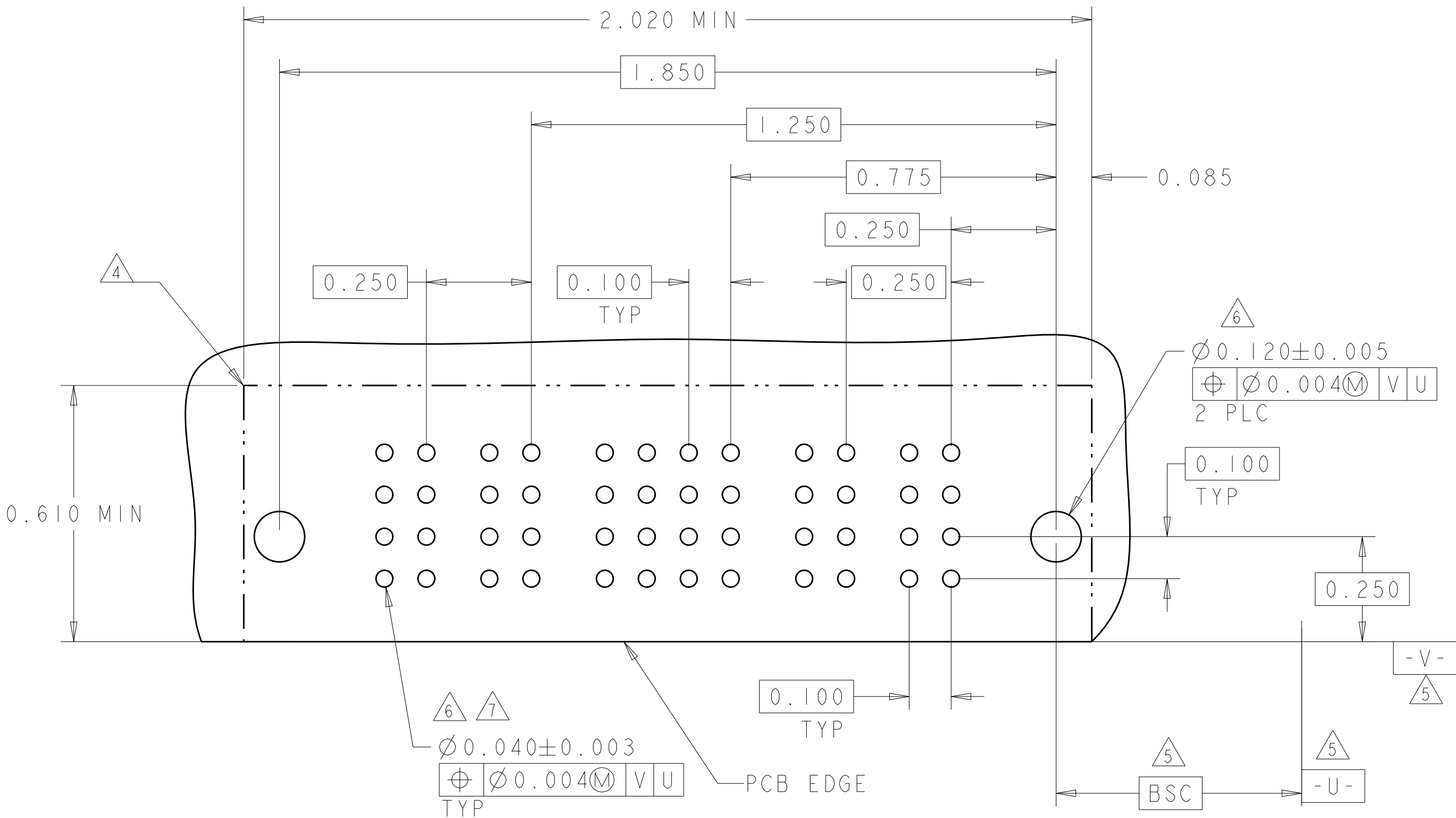
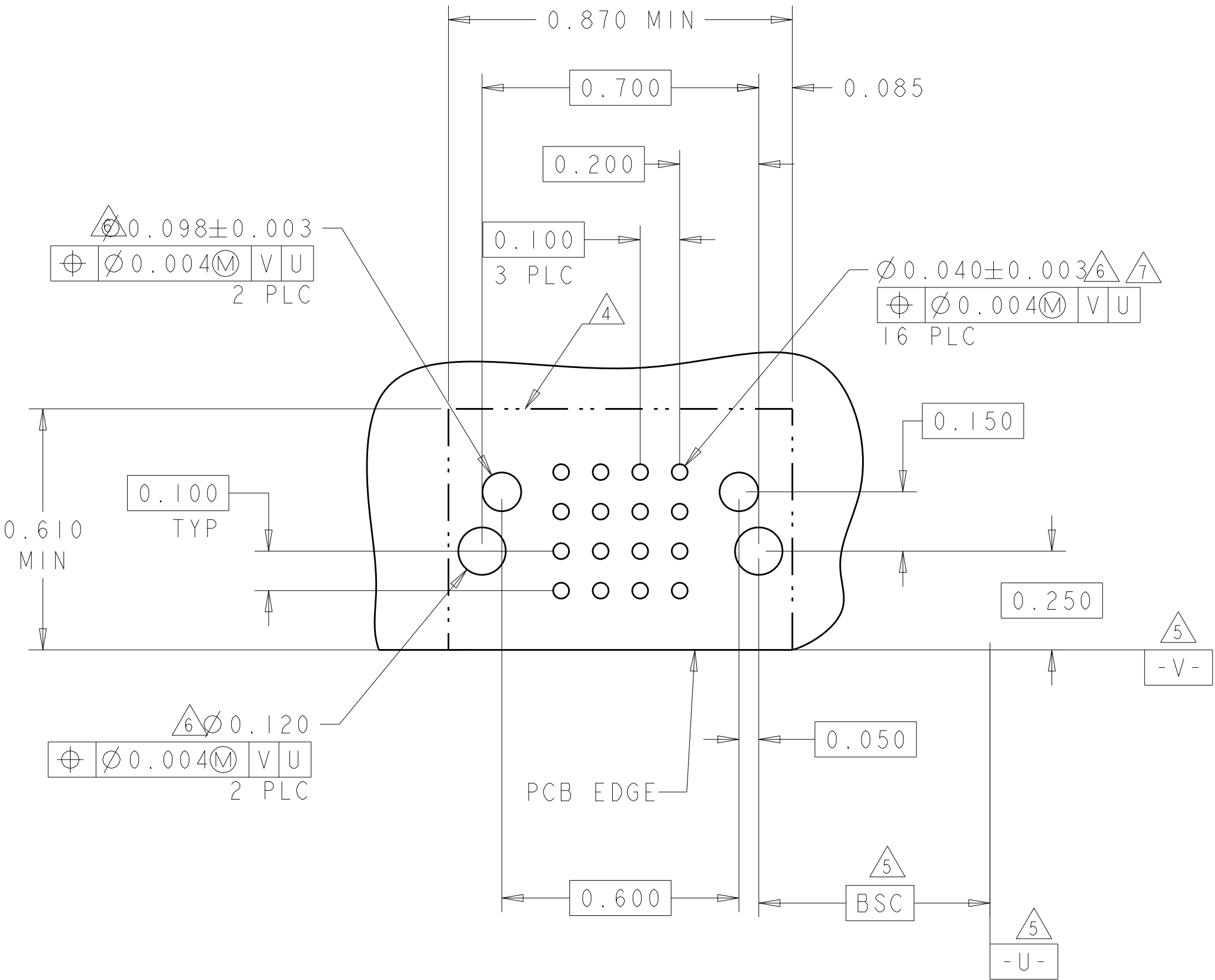
F5

TE Connectivity

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

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

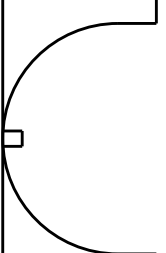
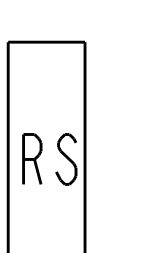
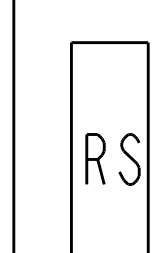
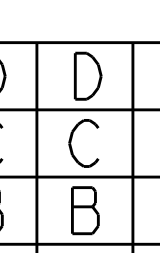
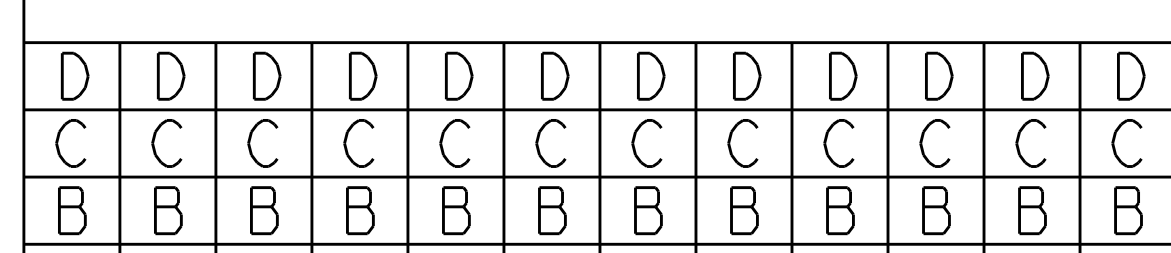
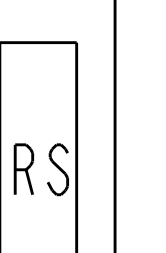
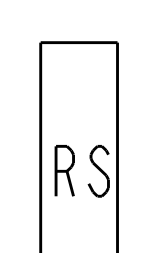
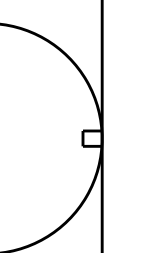
REV
F5

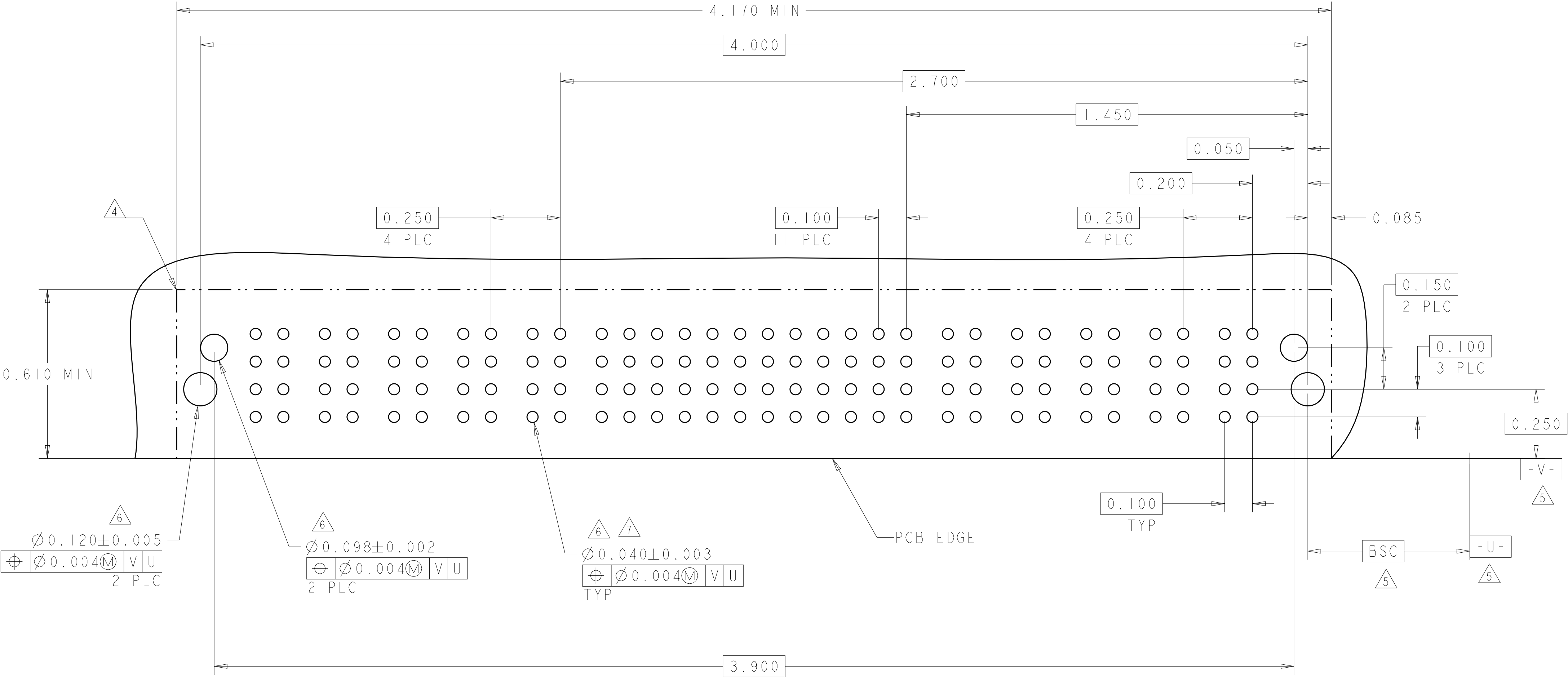
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4805 (3/11)

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	D	
							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
							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.

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

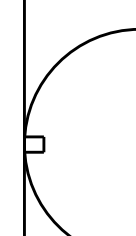
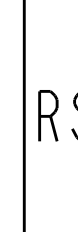
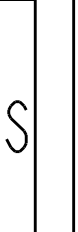
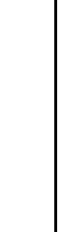
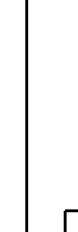
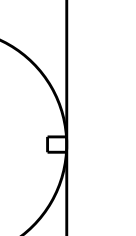
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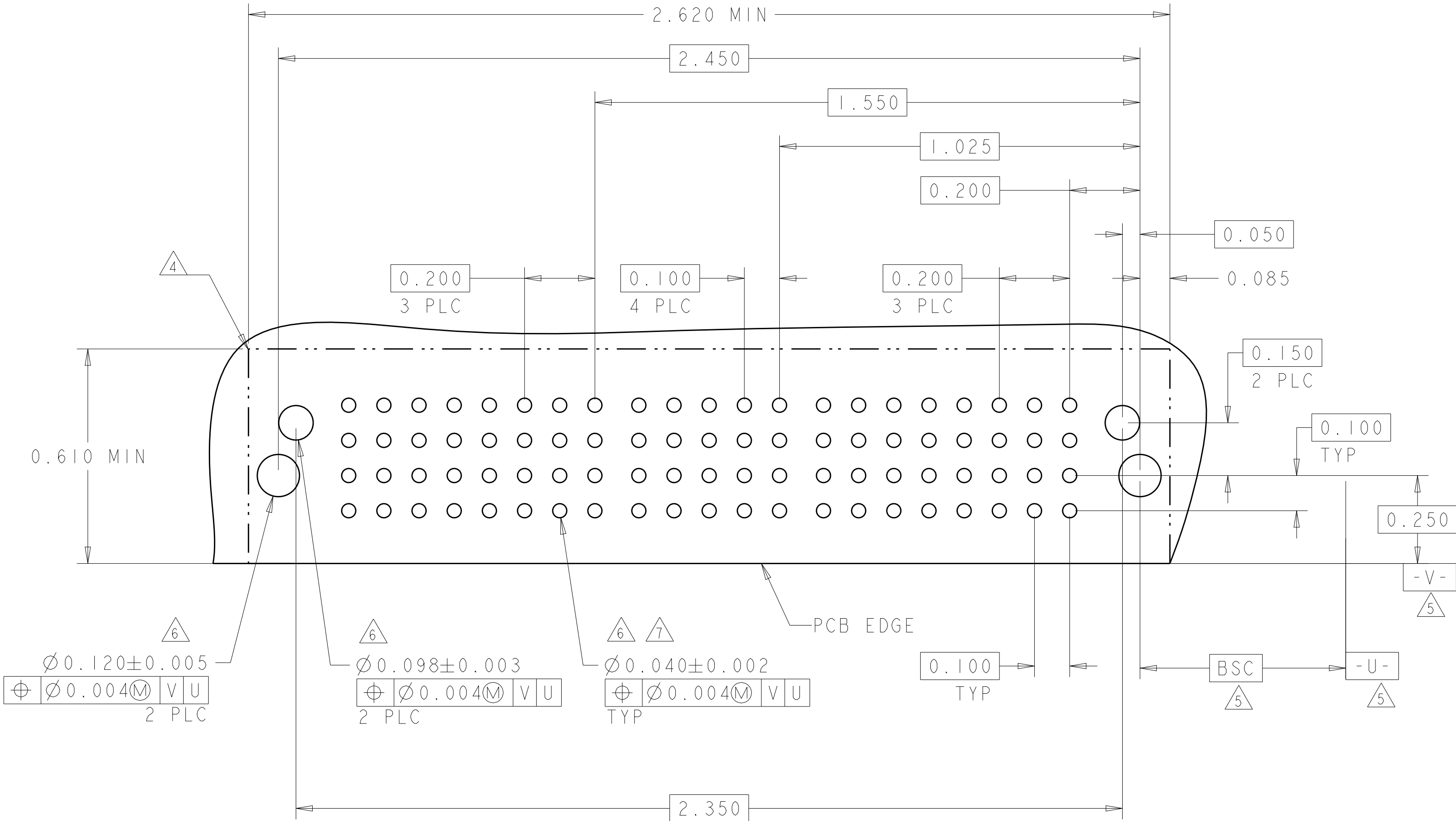
REV

F5

TE Connectivity

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

PART NUMBER	ROWS		POWER				SIGNAL					POWER				
			P8	P7	P6	P5	5	4	3	2	1	P4	P3	P2	P1	
1-6450880-9	D C B A						D	D	D	D	D					
							C	C	C	C	C					
							B	B	B	B	B					
							A	A	A	A	A					
		4HDP + 20S + 4HDP														



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 -

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 CAGE CODE DRAWING NO

A100779C=6450880

RESTRICTED TO

-

SCALE 4:1

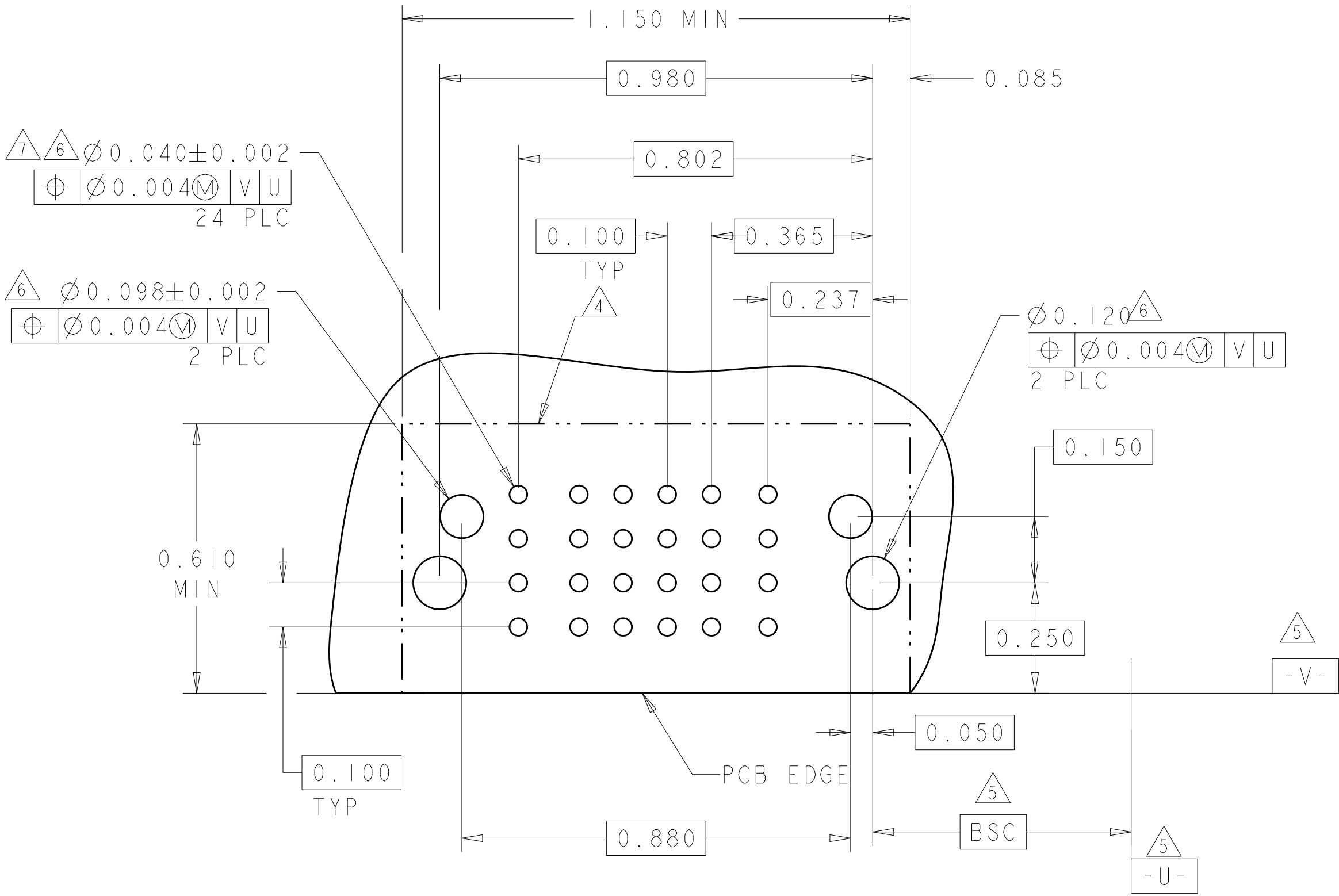
SHEET 11 OF 13

REV F5

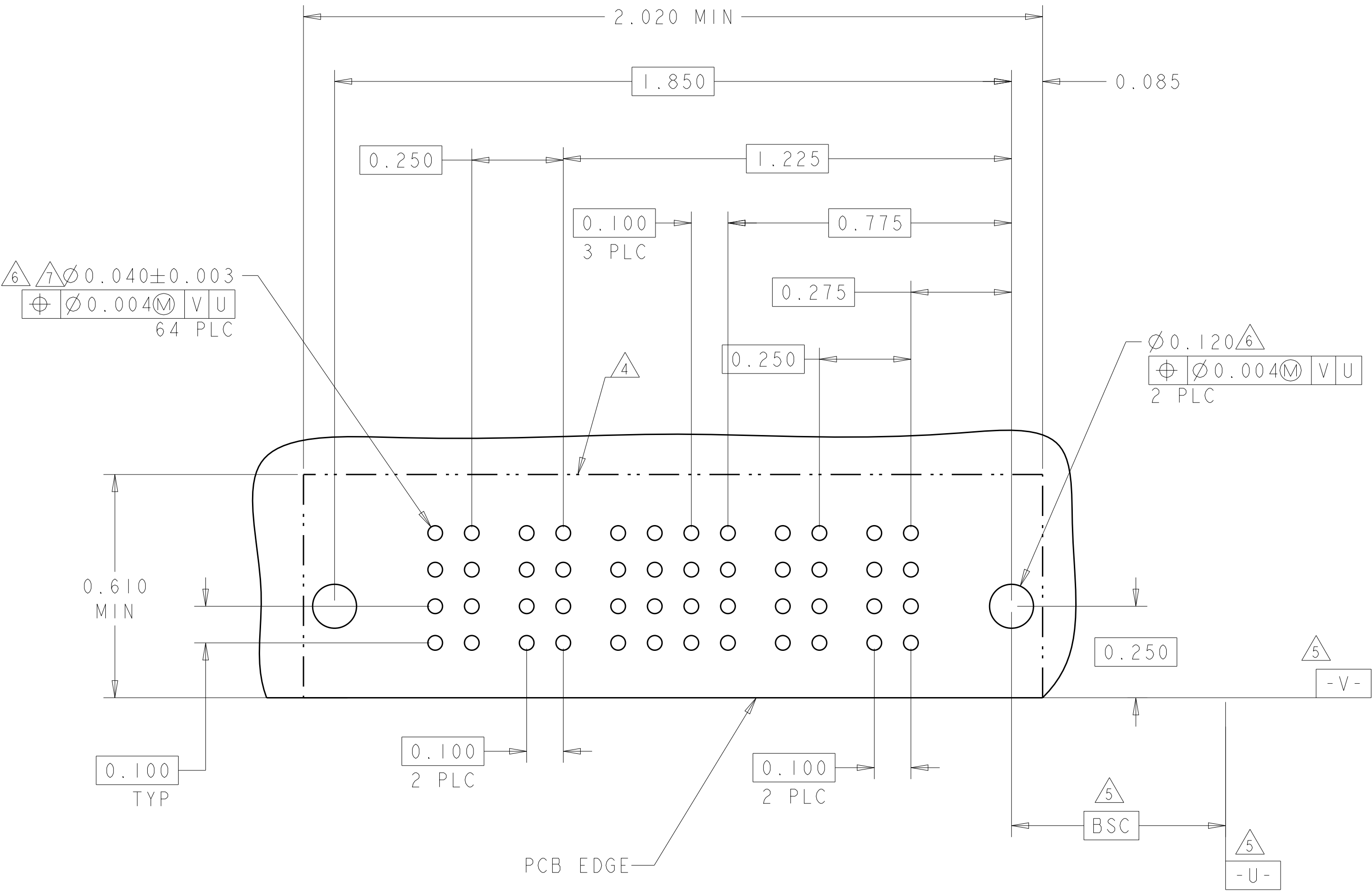
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER	SIGNAL				POWER	
			P2	4	3	2	1	P1	
2-6450880-0	D			D	D	D	D		
	C			C	C	C			
	B			B	B	B			
	A			A	A	A			
ILP + 16S + ILP									

E7



PART NUMBER	ROWS		POWER		SIGNAL				POWER		
			P4	P3	4	3	2	1	P2	P1	
2-6450880-6	D										
											
											
											
											
2P + 16S + 2P											



Technical drawing of a PCB layout showing dimensions, tolerances, and manufacturing instructions.

Dimensions:

- Overall width: 2.250 MIN
- Overall height: 0.610 MIN
- Internal width: 2.080
- Internal height: 1.382
- Top edge dimensions: 0.100 (TYP), 0.165 (3 PLC), 0.100 (3 PLC), 0.920, 0.237, 0.240 (2 PLC)
- Right edge dimensions: 0.150, 0.250, 0.050
- Bottom edge dimensions: 1.980

Tolerances and Manufacturing Instructions:

- Top edge: 0.100 (TYP), 0.165 (3 PLC), 0.100 (3 PLC), 0.920, 0.237, 0.240 (2 PLC)
- Right edge: 0.150, 0.250, 0.050
- Bottom edge: 1.980
- Internal dimensions: 1.382, 0.100 (3 PLC), 0.920, 0.237, 0.240 (2 PLC)
- Internal width: 2.080
- Internal height: 0.610 MIN
- Internal width: 2.250 MIN
- Internal height: 1.382
- Internal width: 0.100 (TYP)
- Internal width: 0.165 (3 PLC)
- Internal width: 0.100 (3 PLC)
- Internal width: 0.920
- Internal width: 0.237
- Internal width: 0.240 (2 PLC)
- Internal width: 0.150
- Internal width: 0.250
- Internal width: 0.050
- Internal width: 1.980
- Internal width: 2.080
- Internal width: 2.250 MIN
- Internal height: 0.610 MIN
- Internal height: 1.382
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- Internal height: 0.165 (3 PLC)
- Internal height: 0.100 (3 PLC)
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- Internal height: 0.250
- Internal height: 0.050
- Internal height: 1.980
- Internal height: 2.080
- Internal height: 2.250 MIN

Manufacturing Instructions:

- Top edge: 0.100 (TYP), 0.165 (3 PLC), 0.100 (3 PLC), 0.920, 0.237, 0.240 (2 PLC)
- Right edge: 0.150, 0.250, 0.050
- Bottom edge: 1.980
- Internal dimensions: 1.382, 0.100 (3 PLC), 0.920, 0.237, 0.240 (2 PLC)
- Internal width: 2.080
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- Internal height: 2.080
- Internal height: 2.250 MIN

4805 (3/11)

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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