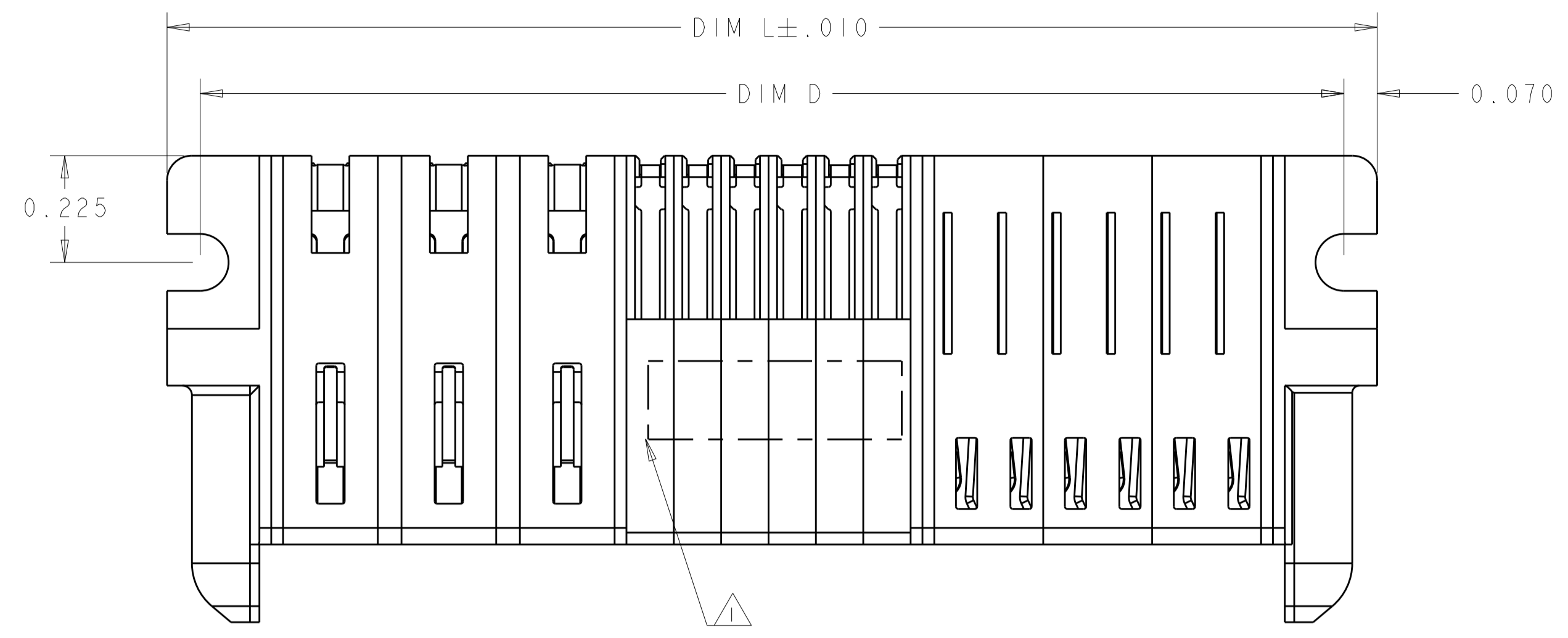
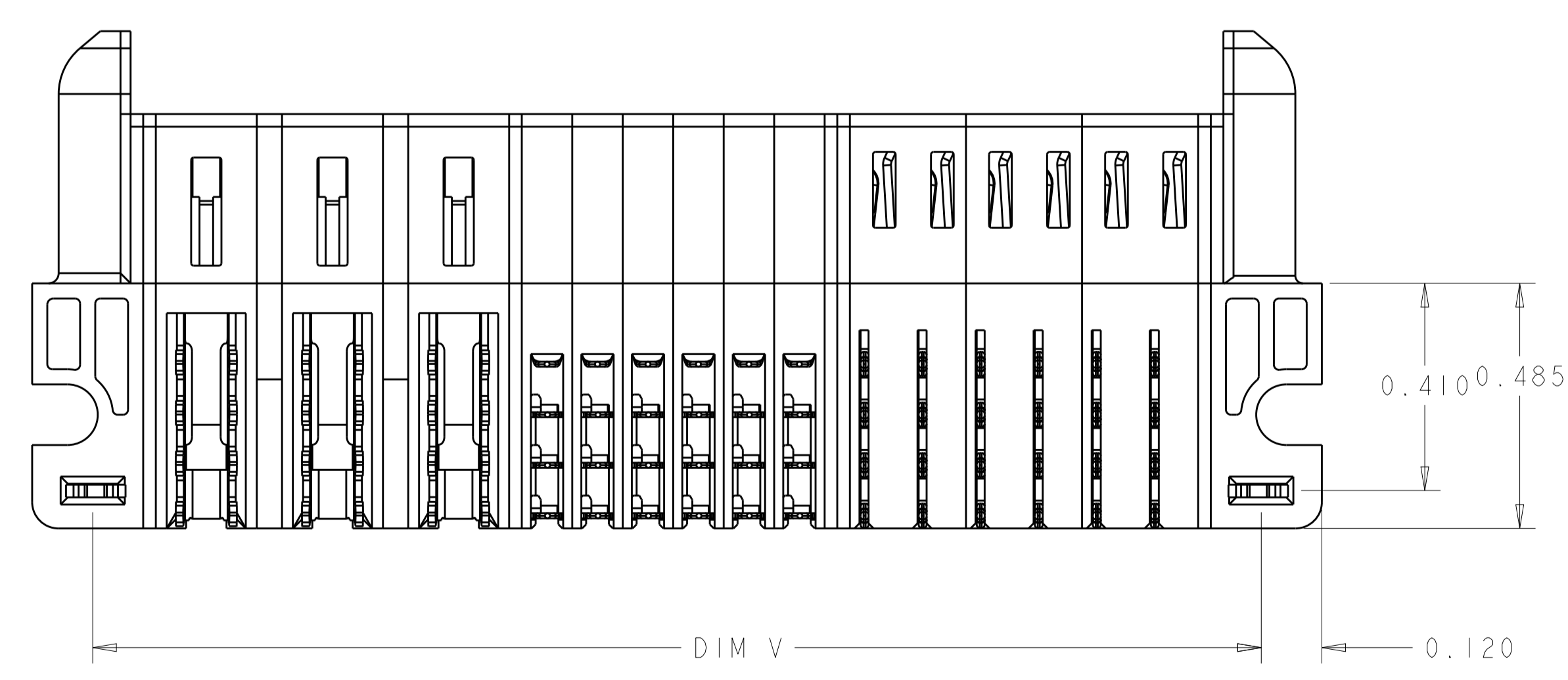
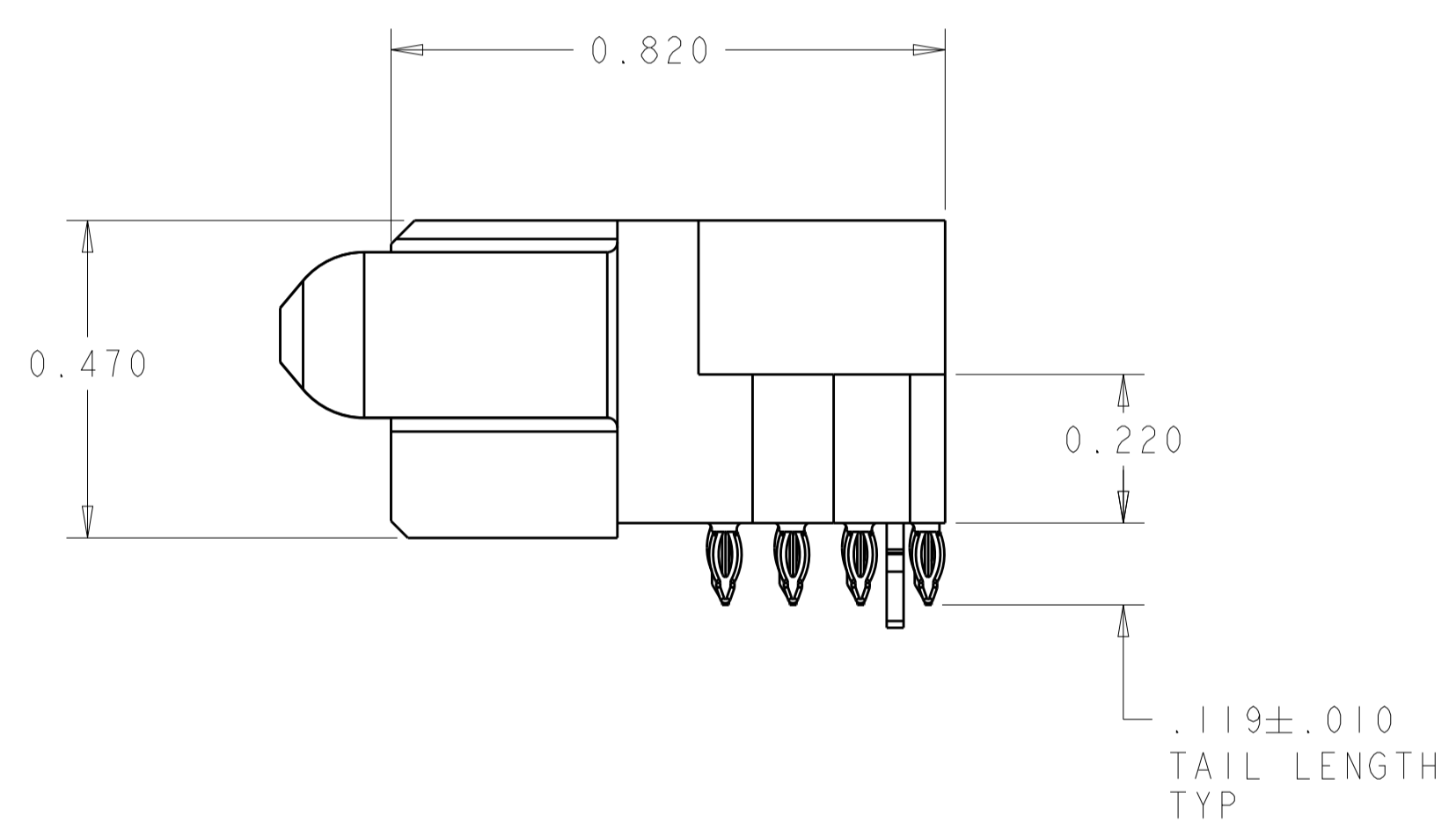
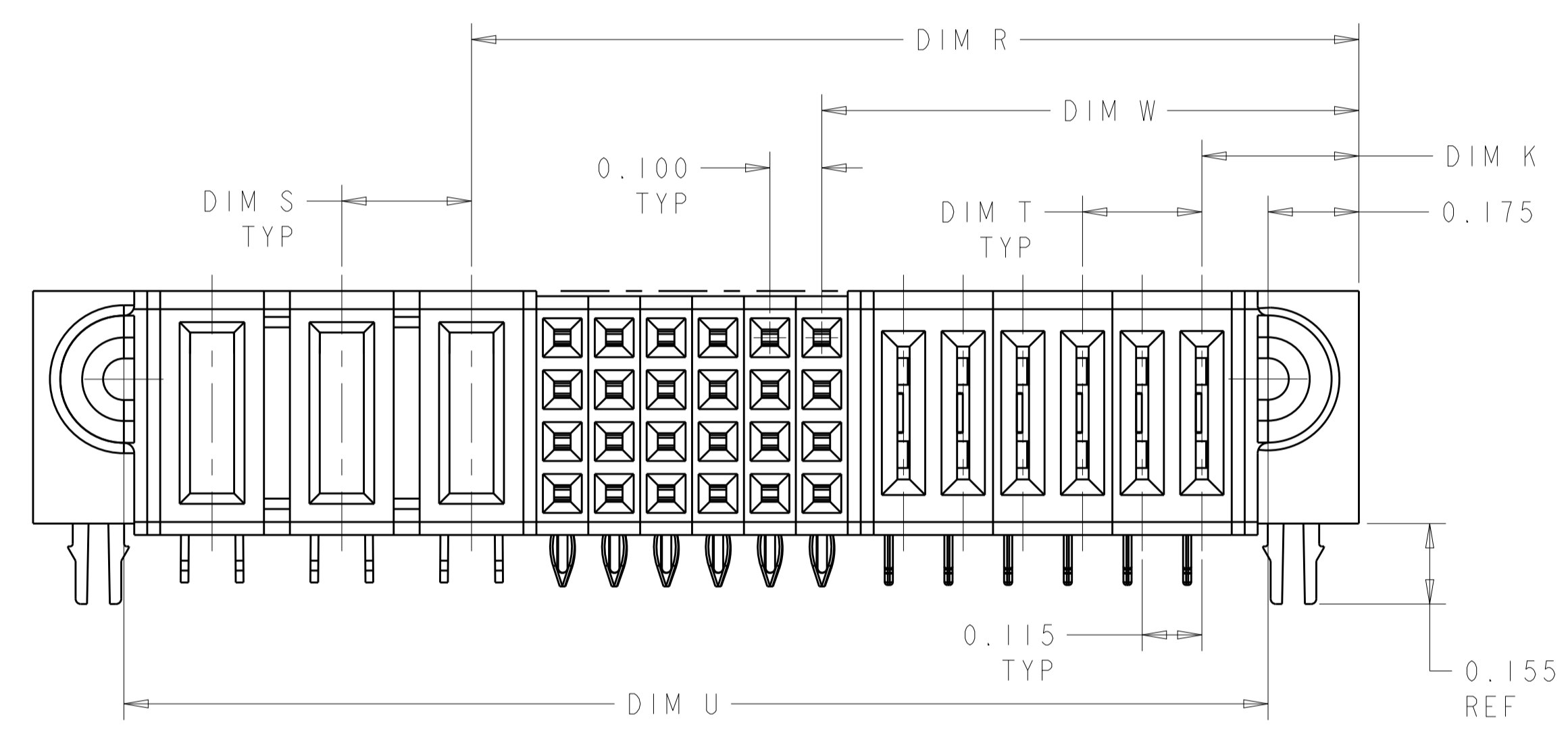


LOC		DIST		REVISIONS			
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		F5		REMOVED 2-8			



- △ "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-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.



.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. DWN 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 ±.002  
 4 PLC ±.002  
 ANGLES ±.002

MATERIAL: 2 FINISH: -

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

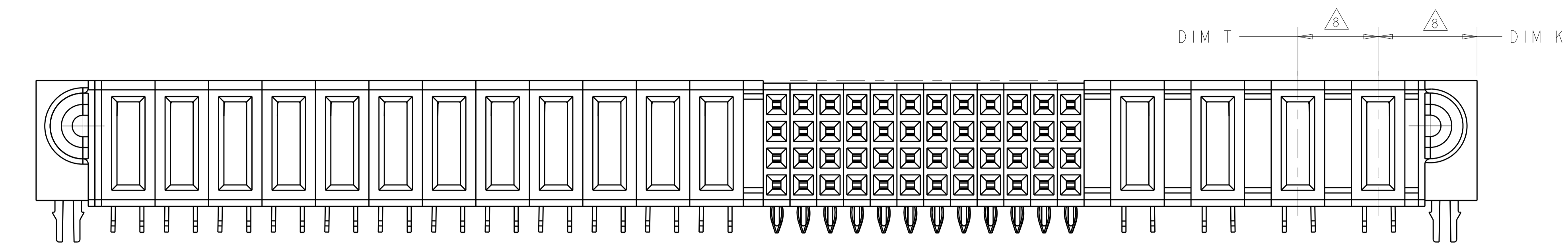
WEIGHT: -  
 CUSTOMER DRAWING

NAME: RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE  
 SIZE: A1  
 CAGE CODE: 6450880  
 DRAWING NO: 100779

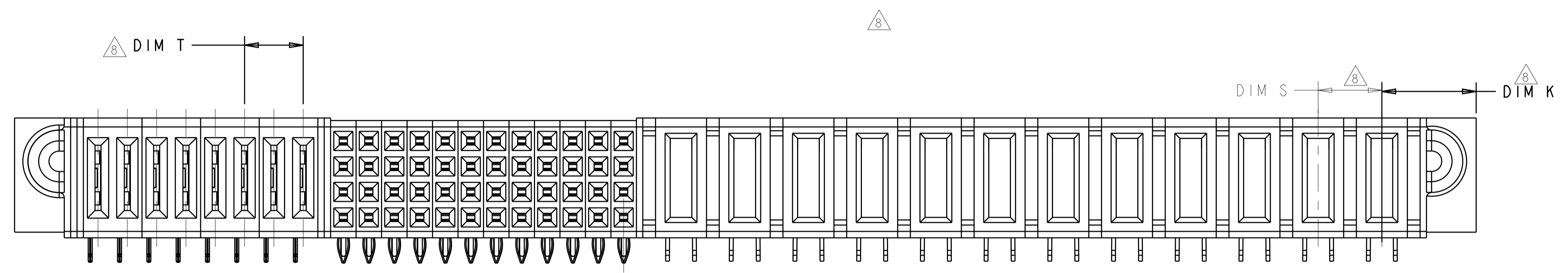
RESTRICTED TO: -  
 SCALE: 4:1 SHEET 13 OF 13 REV: F5

TE Connectivity

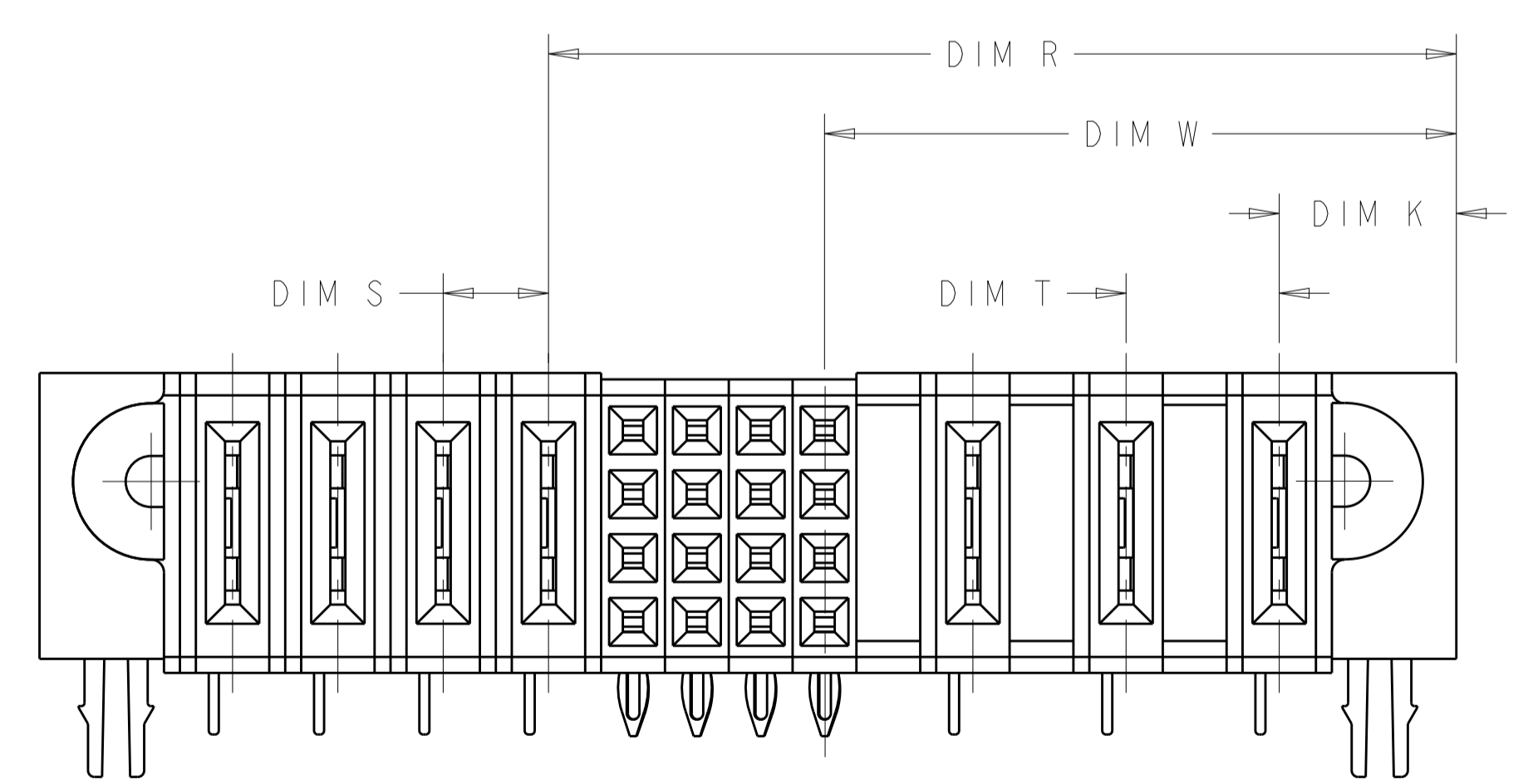
LOC	DIST	REVISIONS					
		P.	LTN	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-



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	
DIMENSIONS: INCHES		CHK S. ZHAO 25MAY2007	
		APVD S. ZHAO 25MAY2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.01 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 - CUSTOMER DRAWING	
MATERIAL -	FINISH -	SIZE CAGE CODE DRAWING NO. A100779C=6450880 SCALE 4:1 SHEET 2 OF 13 REV F5	RESTRICTED TO -

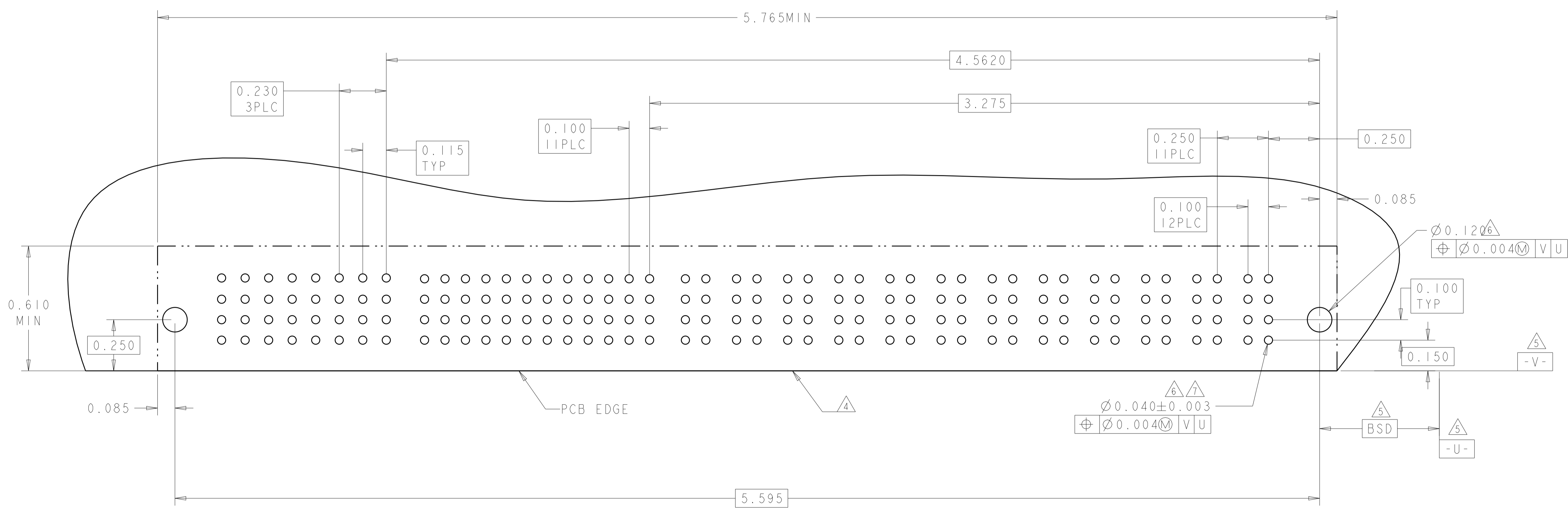


LOC		DIST		REVISIONS			
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1			

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
6450880-4	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	LS	LS	LS	LS	LS	LS	LS	LS	C	C	C	C	C	C	C	C	C	C	C													
	B									B	B	B	B	B	B	B	B	B	B	B													
	A									A	A	A	A	A	A	A	A	A	A	A													
12P + 48S + 8LP																																	

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									D	D	D	D	D	D	D	D	D	D	D	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	
	C	LS	LS	LS	LS	LS	LS	LS	LS	C	C	C	C	C	C	C	C	C	C	C													
	B									B	B	B	B	B	B	B	B	B	B	B													
	A									A	A	A	A	A	A	A	A	A	A	A													
12P + 48S + 8LP																																	

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
2-6450880-3	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	LS	LS	LS	LS	LS	LS	LS	LS	C	C	C	C	C	C	C	C	C	C	C													
	B									B	B	B	B	B	B	B	B	B	B	B													
	A									A	A	A	A	A	A	A	A	A	A	A													
12P + 48S + 8LP																																	



PCB LAYOUT FOR P/N: 6450880-4 ; 6450880-8 AND 2-6450880-3

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
4 PLC ±.0020	ANGLES ±.0020	WEIGHT	A100779C=6450880
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE 4:1 SHEET 4 OF 13 REV F5

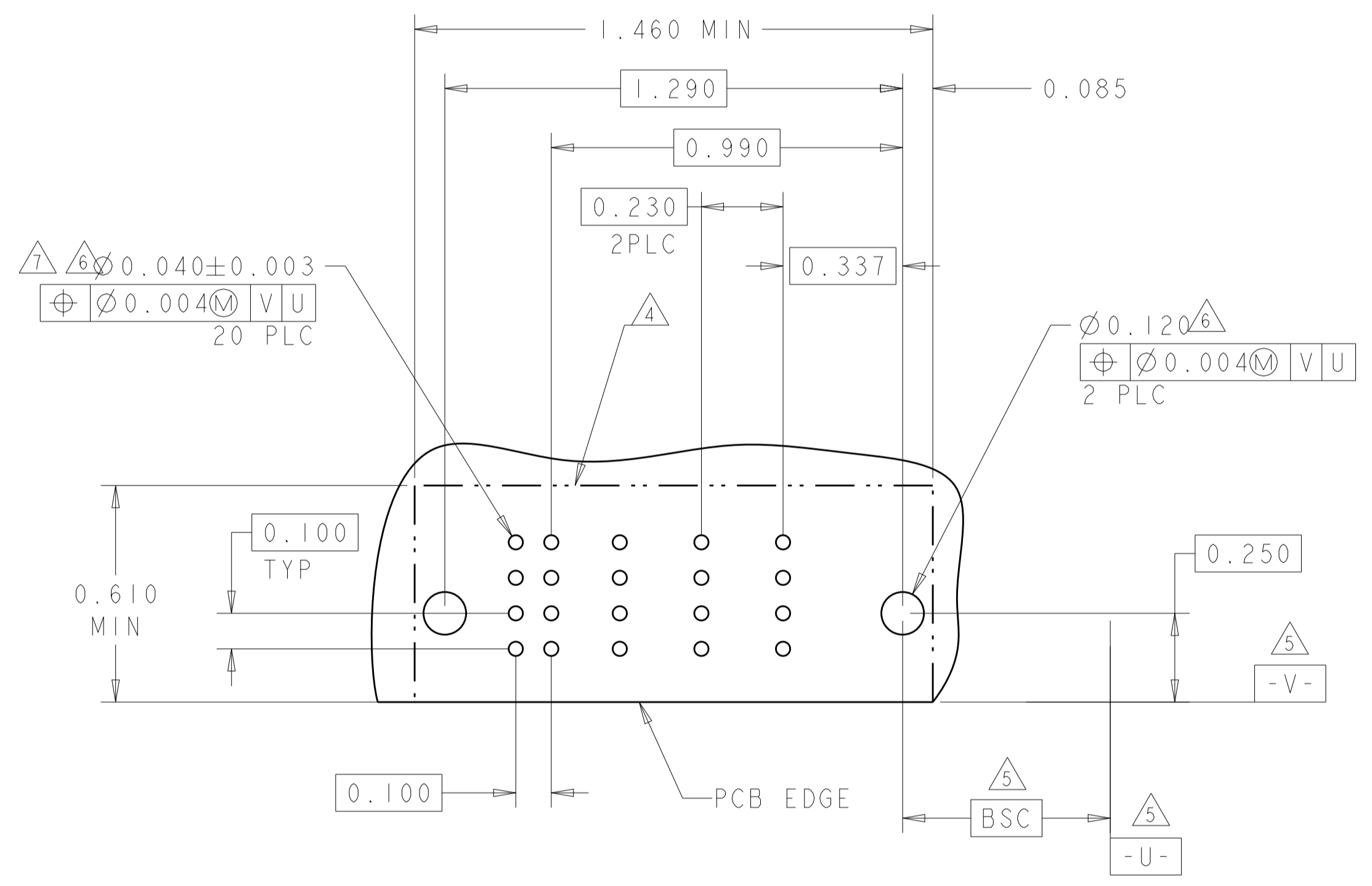
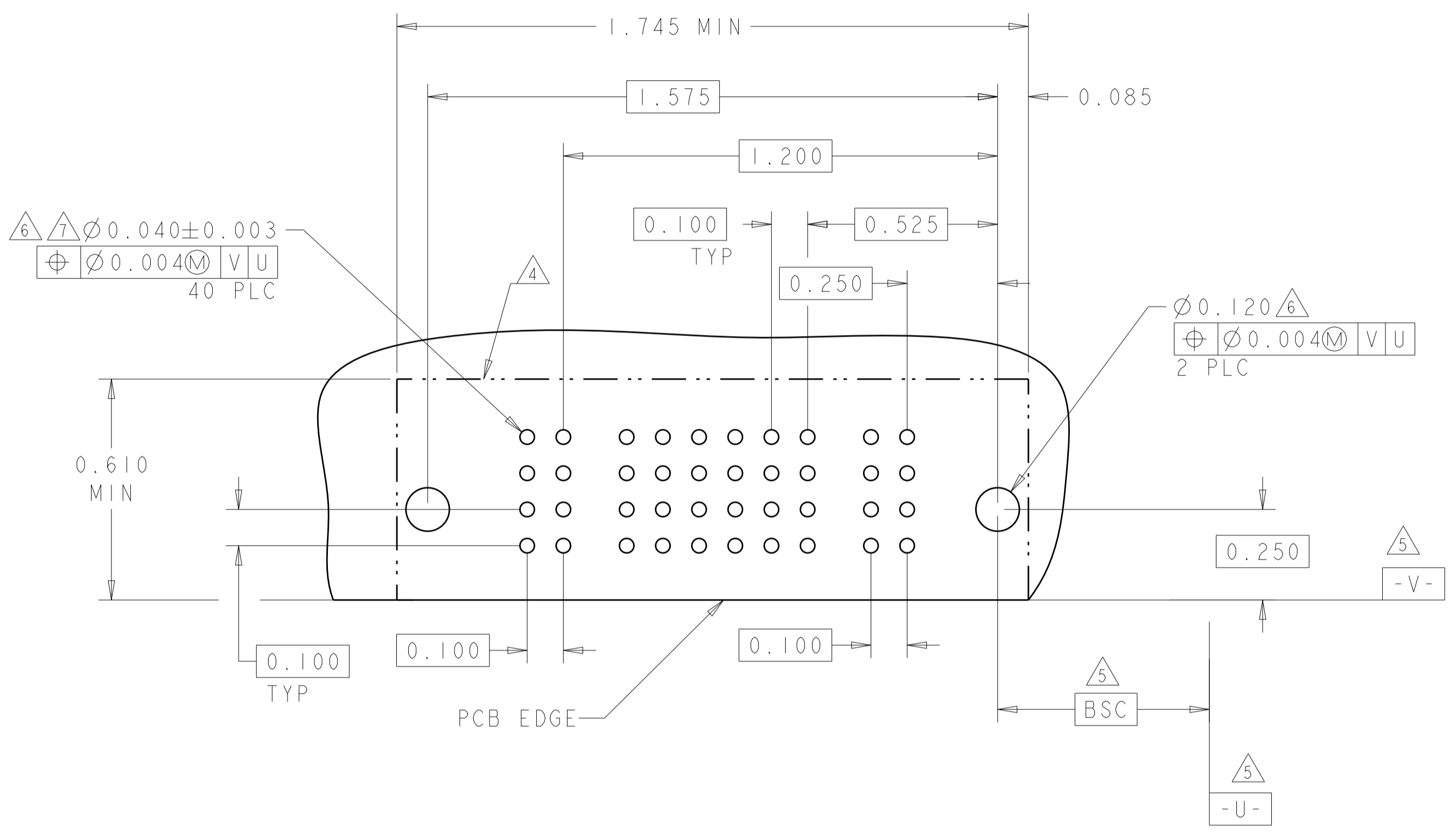
LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS		DATE	BY	APPV
-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P2	P1	6	5	4	3	2	1	P2	P1
6450880-5	D	RS	RS	D	D	D	D	D	D	RS	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	LS	LS	LS	LS	LS	LS	LS	LS
	C								
	B								
	A								
6LP + 8S									



THIS DRAWING IS A CONTROLLED DOCUMENT.

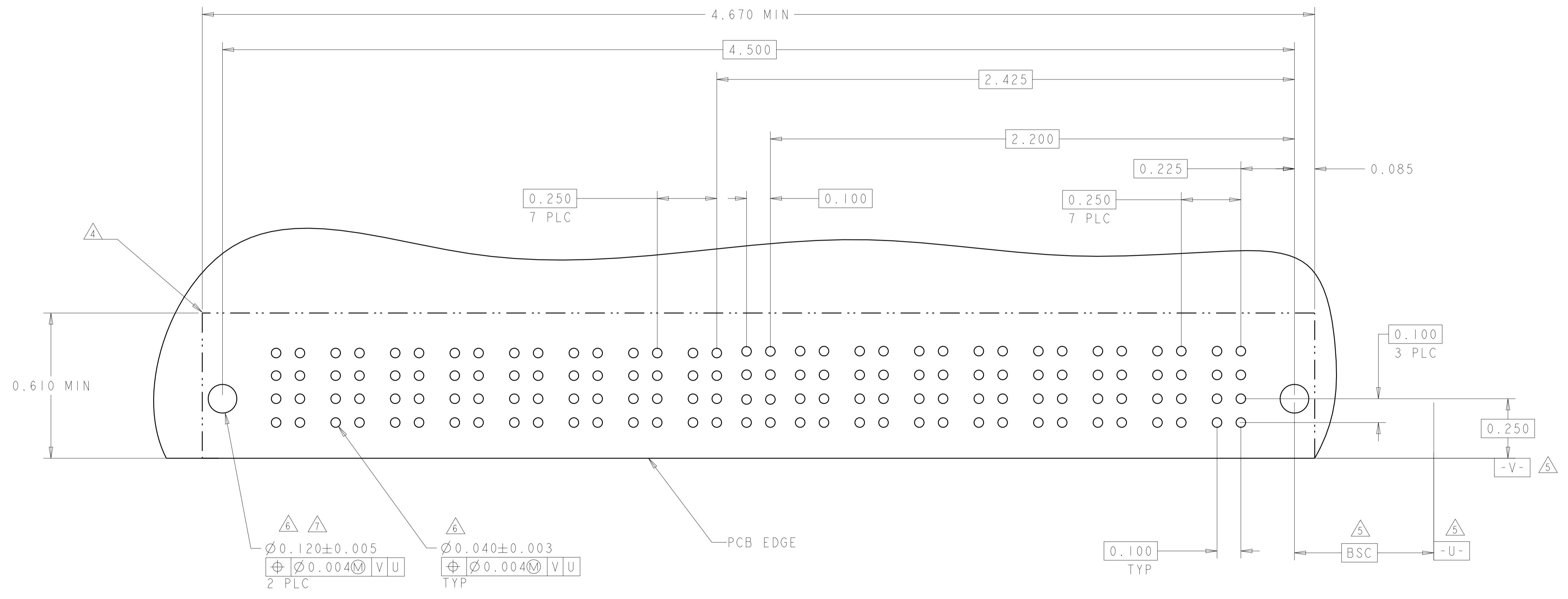
DWN: S. ZHAO	25MAY2007	 TE Connectivity
CHK: S. ZHAO	25MAY2007	
APPV: S. ZHAO	25MAY2007	
NAME: S. ZHAO	25MAY2007	

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME: RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
0 PLC ±.1	1 PLC ±.01	PRODUCT SPEC: 108-2292
2 PLC ±.01	3 PLC ±.005	APPLICATION SPEC: 114-13251
4 PLC ±.002	ANGLES ±.2°	SIZE: A100779
MATERIAL: -	FINISH: -	WEIGHT: -
CUSTOMER DRAWING		SCALE: 4:1 SHEET 5 OF 13 REV: F5

LOC		DIST		REVISIONS			
ES	00	P	LTM	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	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																					

DI



THIS DRAWING IS A CONTROLLED DOCUMENT.

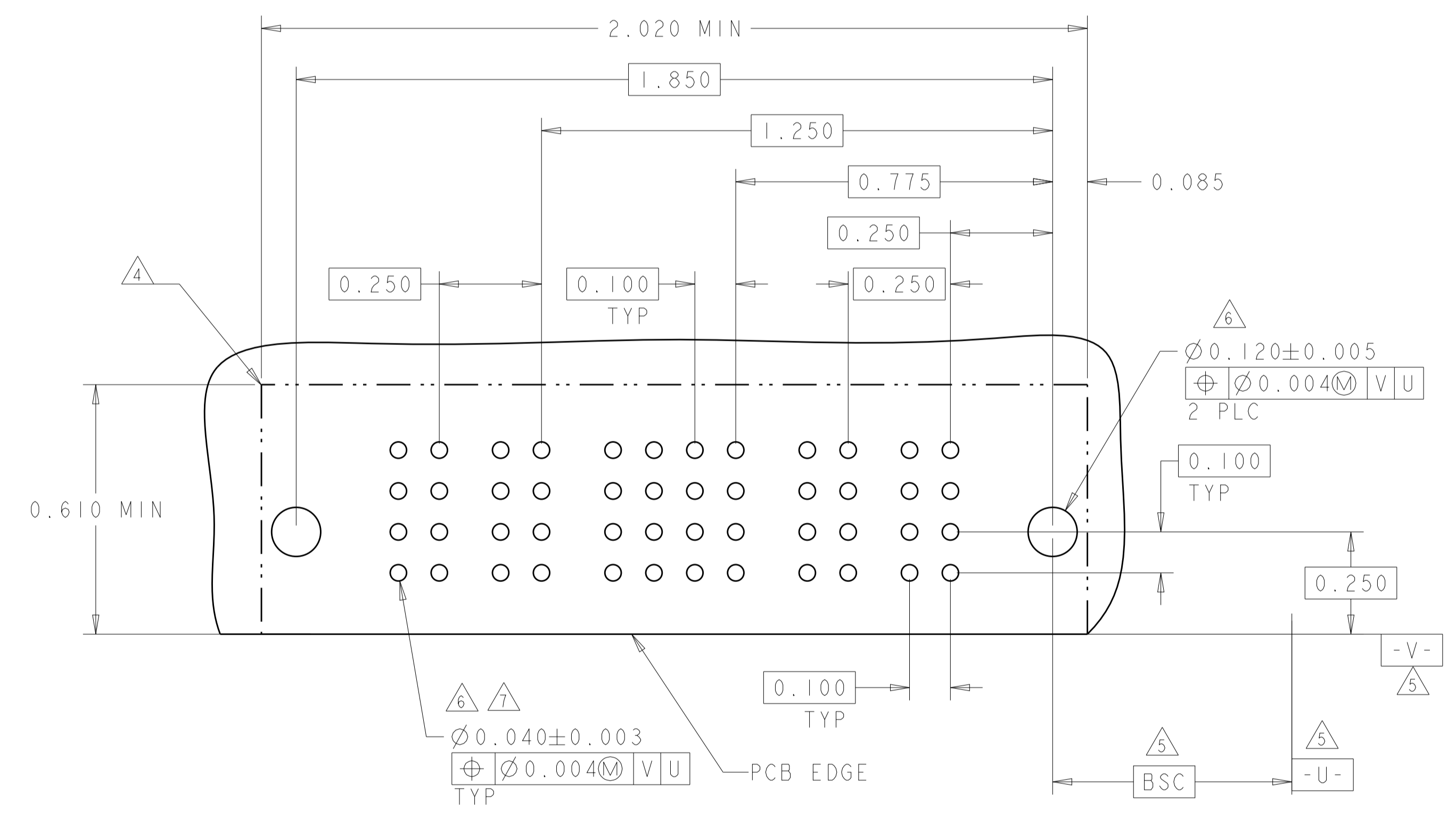
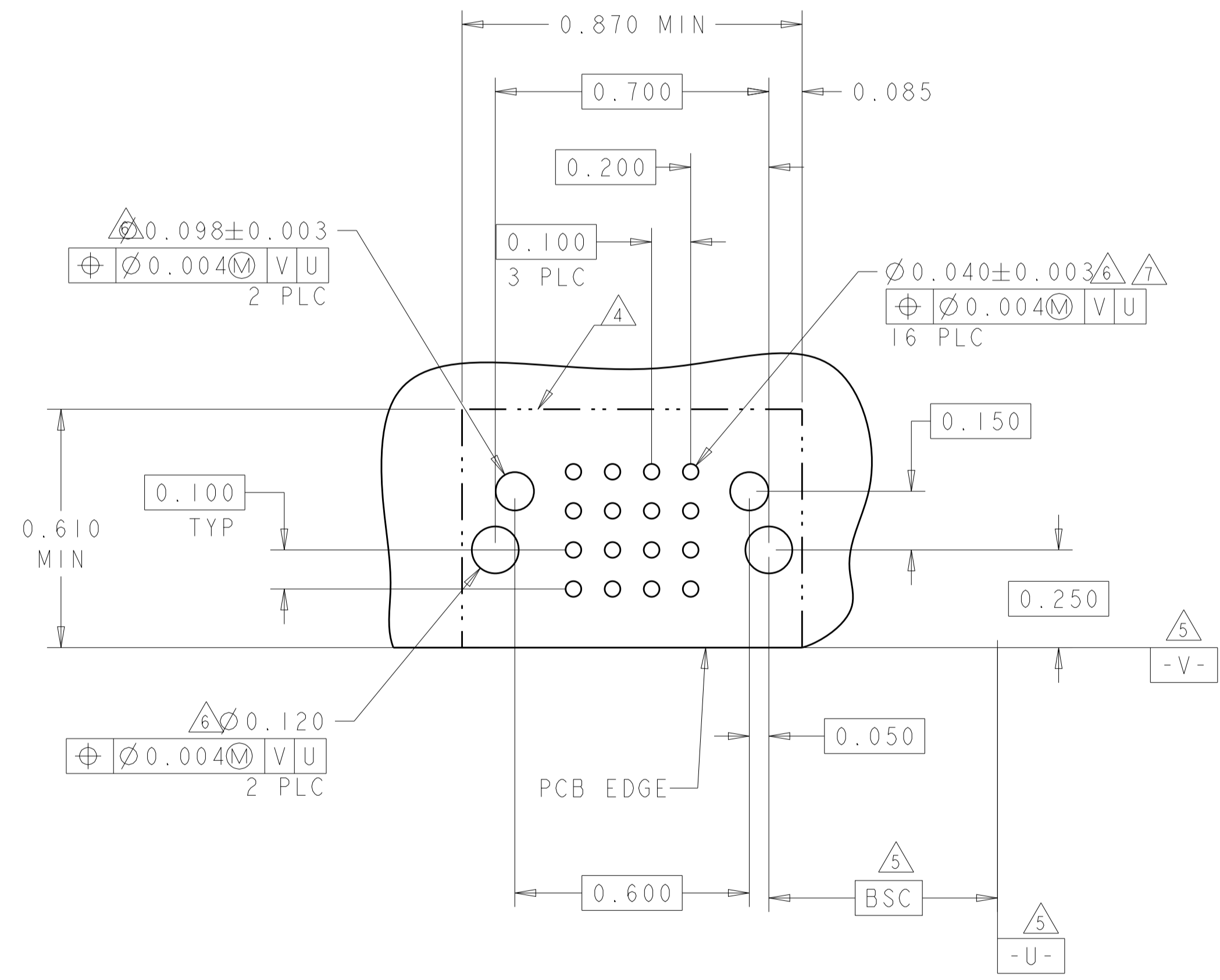
DWN: S. ZHAO	25MAY2007	TE Connectivity NAME: RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
CHK: S. ZHAO	25MAY2007	
APPV: S. ZHAO	25MAY2007	
APVD: S. ZHAO	25MAY2007	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC
0 PLC ±.1	1 PLC ±.01	108-2292
2 PLC ±.01	3 PLC ±.005	APPLICATION SPEC
4 PLC ±.0020	ANGLES ±.0020	114-13251
MATERIAL: -	FINISH: -	WEIGHT: -
CUSTOMER DRAWING		SCALE: 4:1

SIZE: A1 CAGE CODE: 00779 C=6450880 SHEET 6 OF 13 REV F5

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	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: 0 PLC ±.1 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.2°	DMN S.ZHAO 25MAY2007 CHK S.ZHAO 25MAY2007 APVD S.ZHAO 25MAY2007	NAME RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
MATERIAL	FINISH	PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 WEIGHT	SIZE CAGE CODE DRAWING NO. A100779C=6450880
CUSTOMER DRAWING		SCALE 4:1	SHEET 7 OF 13 REV F5

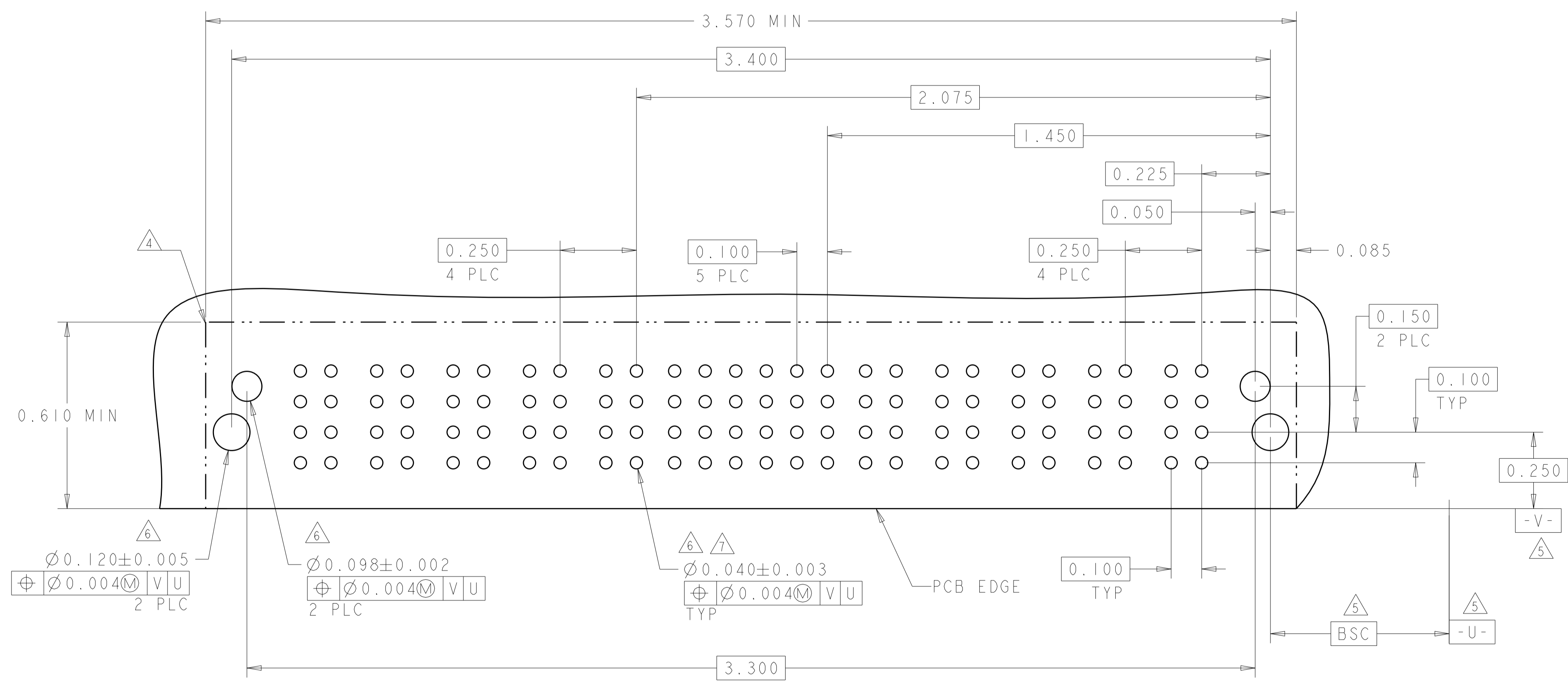
4805 (3/11)





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

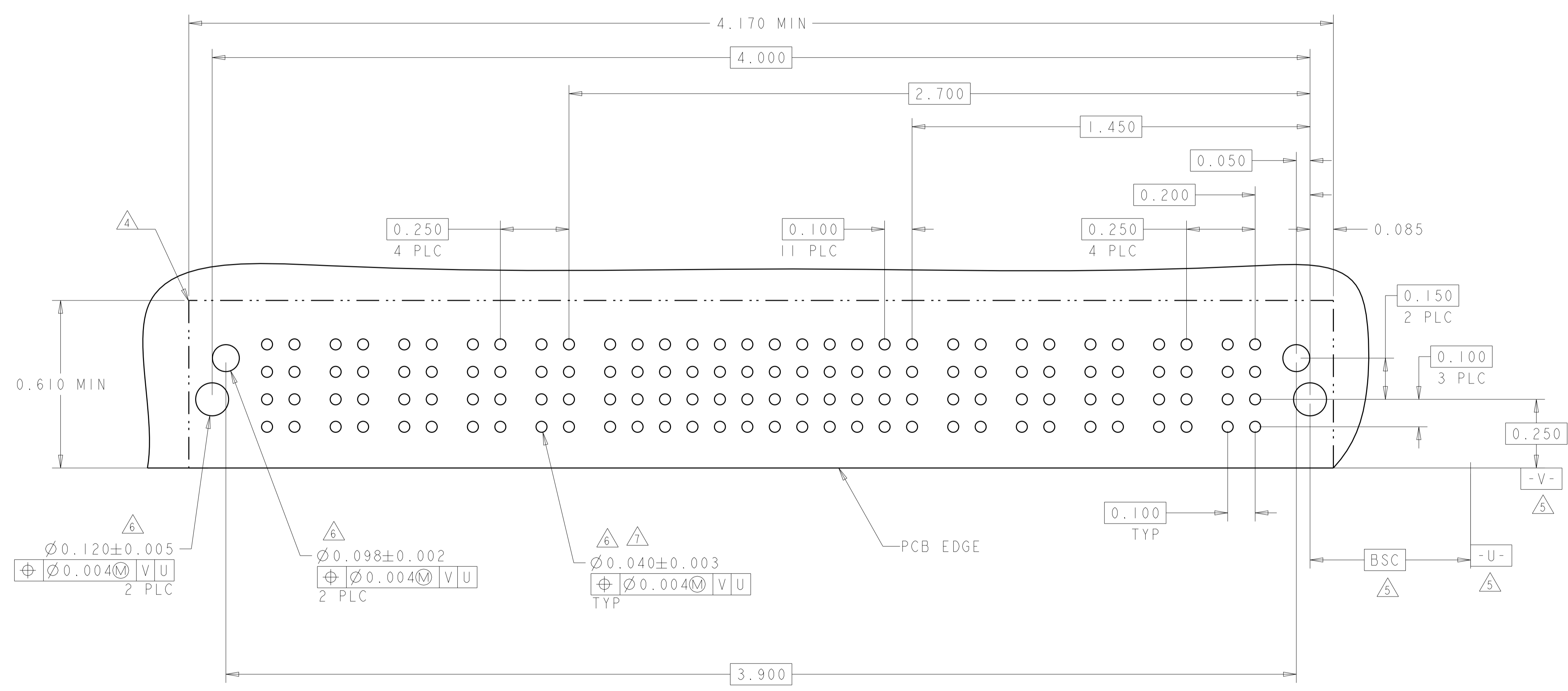
PART NUMBER	ROWS	POWER					SIGNAL						POWER				
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1-6450880-7	D	RS	RS	RS	RS	RS	D	D	D	D	D	D	RS	RS	RS	RS	RS
	C						C	C	C	C	C						
	B						B	B	B	B	B						
	A						A	A	A	A	A						
5P + 24S + 5P		HD															



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN S. ZHAO 25MAY2007	<b>TE</b> Connectivity
DIMENSIONS: INCHES		CHK S. ZHAO 25MAY2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. ZHAO 25MAY2007	NAME
0 PLC ±.1	1 PLC ±.01	2 PLC ±.01	RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE
3 PLC ±.005	4 PLC ±.002	ANGLES ±.2°	PRODUCT SPEC 108-2292
MATERIAL		FINISH	APPLICATION SPEC 114-13251
WEIGHT		CUSTOMER DRAWING	RESTRICTED TO
SCALE 4:1		SHEET 9 OF 13	REV F5

LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	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																											



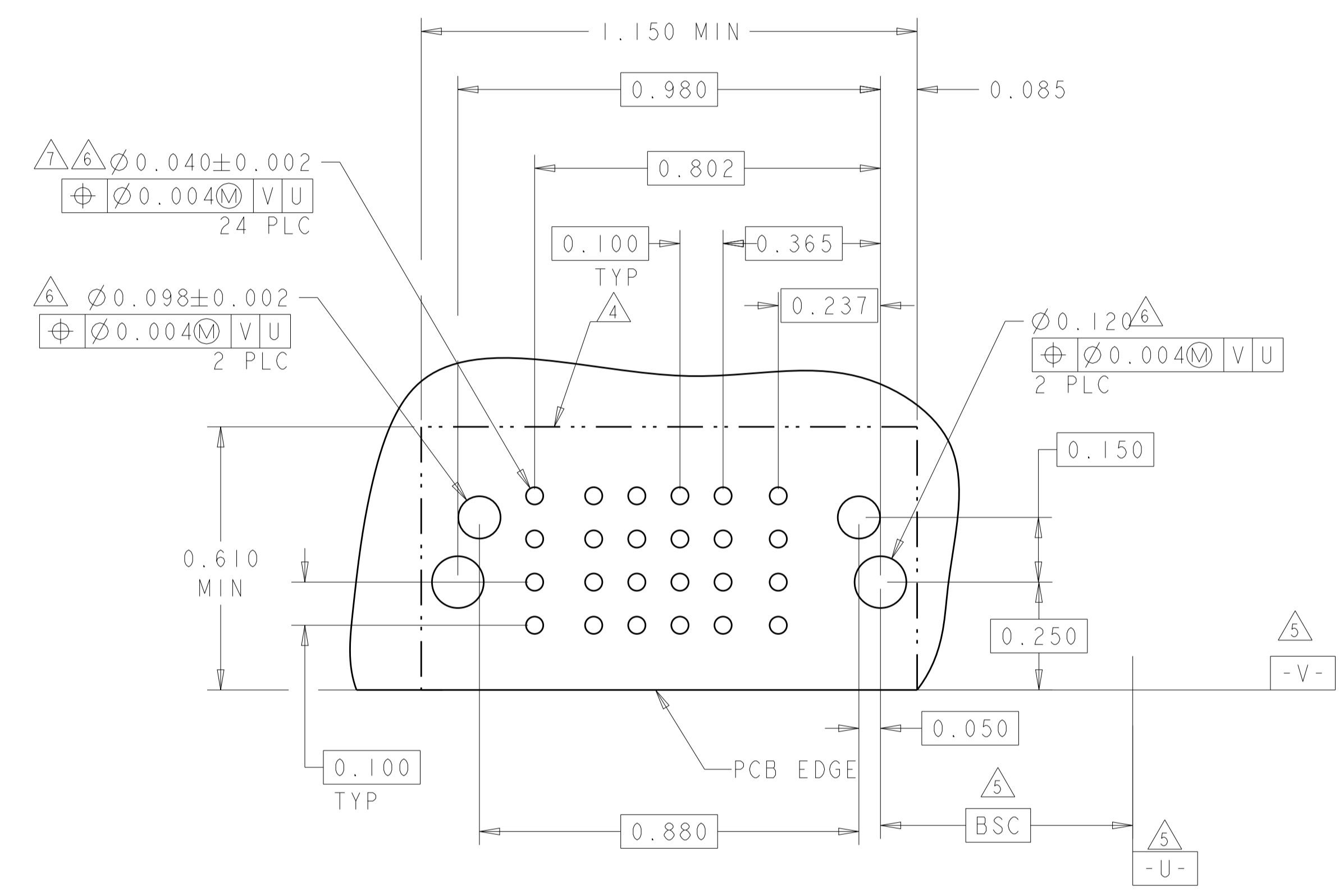
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: S. ZHAO 25MAY2007	 TE Connectivity
DIMENSIONS: INCHES		CHK: S. ZHAO 25MAY2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: S. ZHAO 25MAY2007	
0 PLC ±.1 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.2°		PRODUCT SPEC: 108-2292 APPLICATION SPEC: 114-13251 WEIGHT: - MATERIAL: - FINISH: -	
MATERIAL: -		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: - CUSTOMER DRAWING SCALE: 4:1 SHEET 10 OF 13 REV: F5	



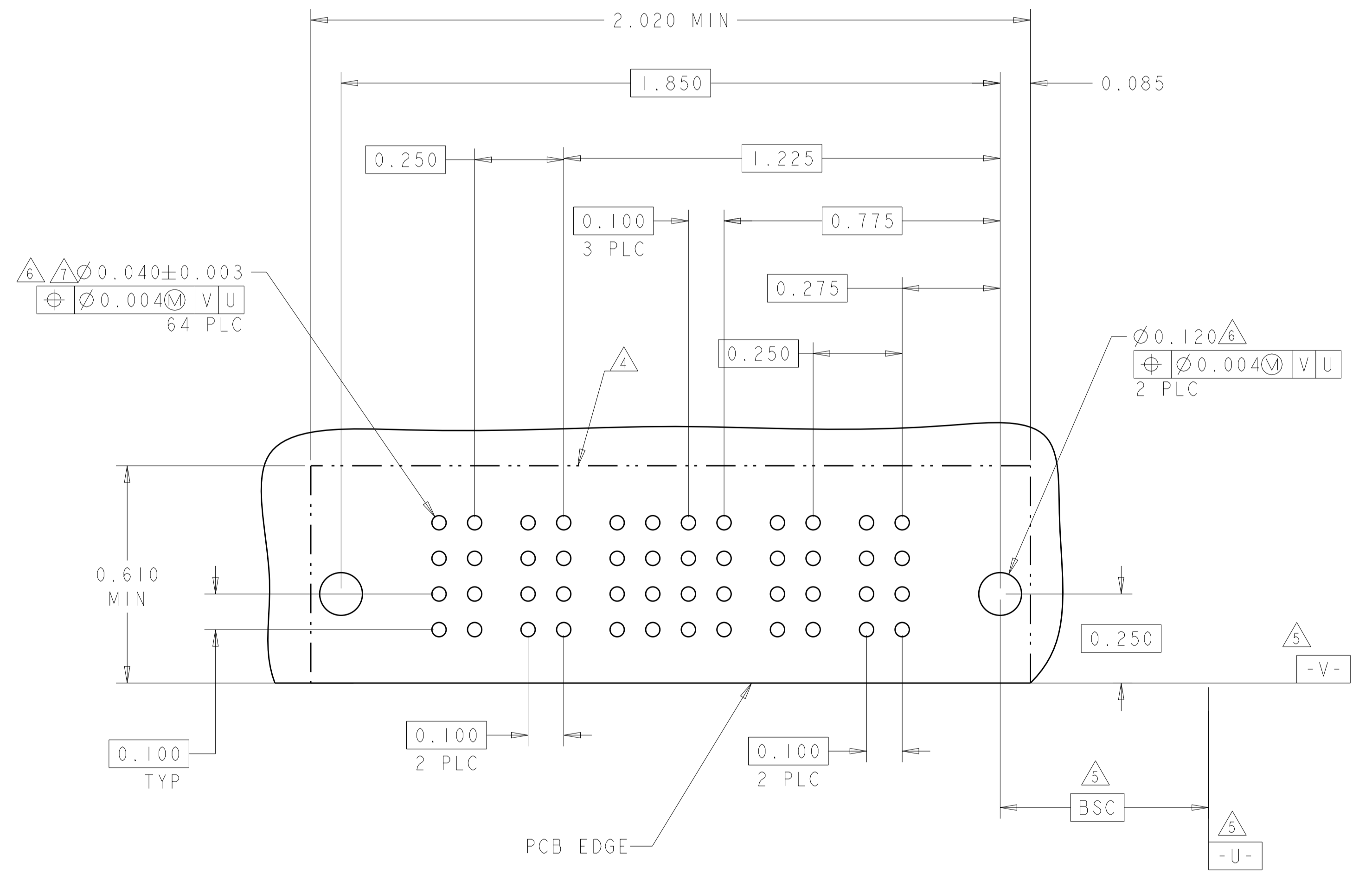
LOC	DIST	REVISIONS			
P	LTH	DESCRIPTION	DATE	DNW	APVD
-	-	SEE SHEET 1	-	-	-

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

E7



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



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
--------------------	--	-----------	------------	------------	-------------	-------------	-------------	--------

DNW	S. ZHAO	25MAY2007
CHK	S. ZHAO	25MAY2007
APP'D	S. ZHAO	25MAY2007
PRODUCT SPEC	108-2292	
APPLICATION SPEC	114-13251	
WEIGHT		

**STE** TE Connectivity

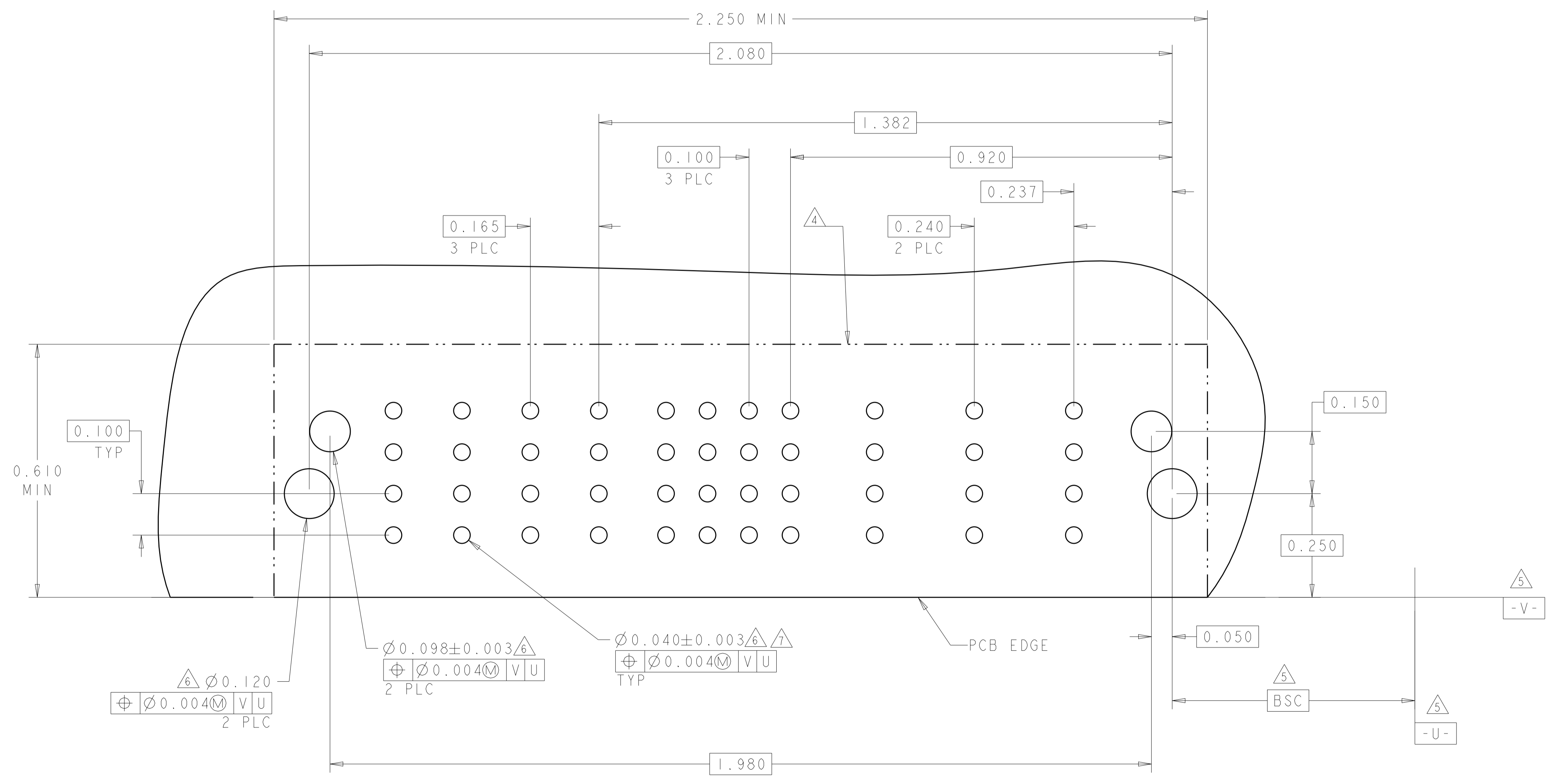
NAME: RIGHT ANGLE RECEPTACLE WITH LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE

SIZE: A100779 C=6450880

CUSTOMER DRAWING SCALE: 4:1 SHEET 12 OF 13 REV: F5

LOC	DIST	REVISIONS					
ES	00	P	LTH	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	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												



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: S. ZHAO 25MAY2007	 TE Connectivity
DIMENSIONS: INCHES		CHK: S. ZHAO 25MAY2007	
		APVD: S. ZHAO 25MAY2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.1 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.2°		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	
MATERIAL: -	FINISH: -	SCALE: 4:1	SIZE: A1 CAGE CODE: - DRAWING NO: 6450880 SHEET 13 OF 13 REV: F5

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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