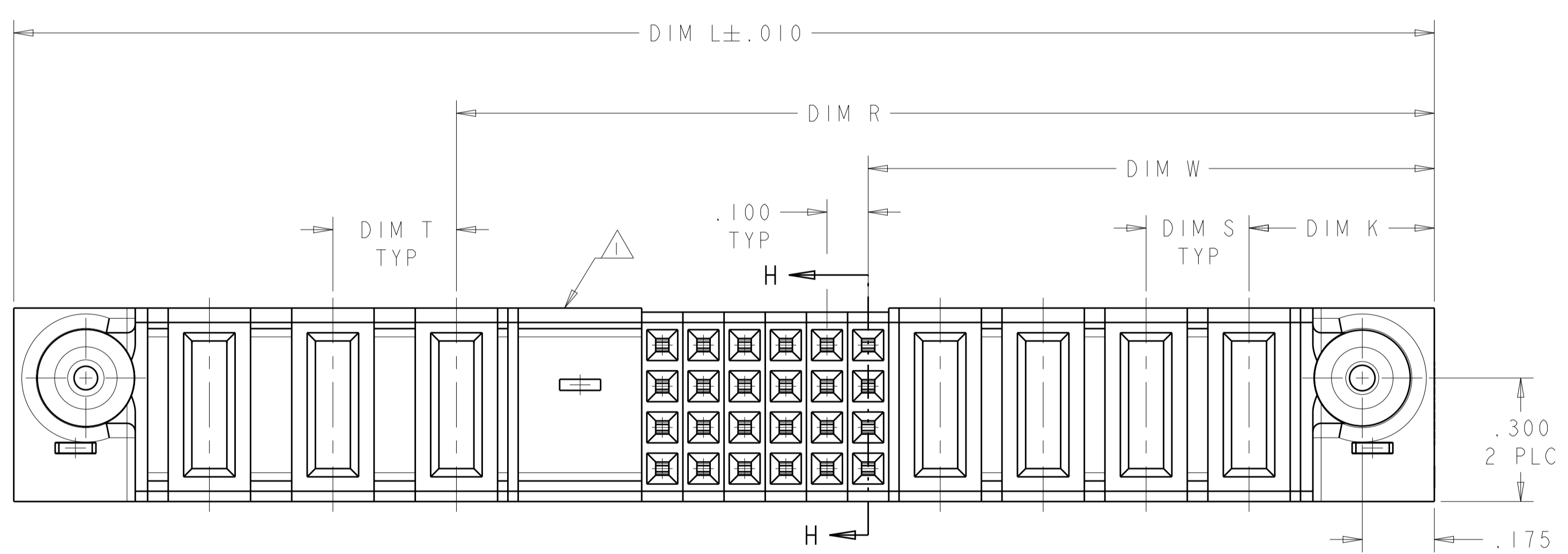
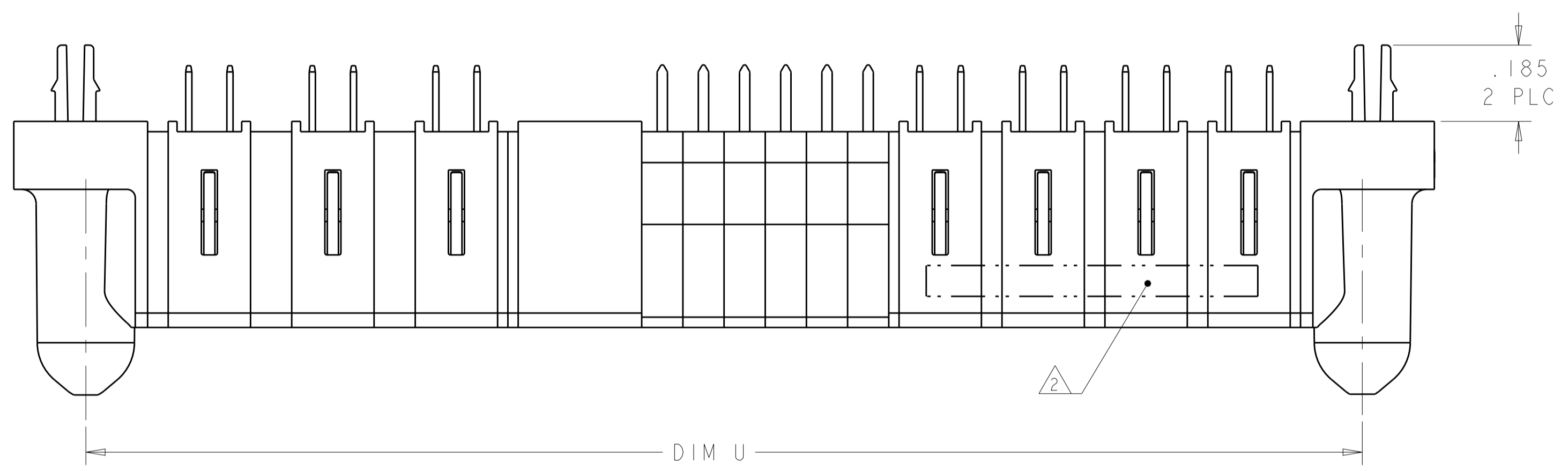
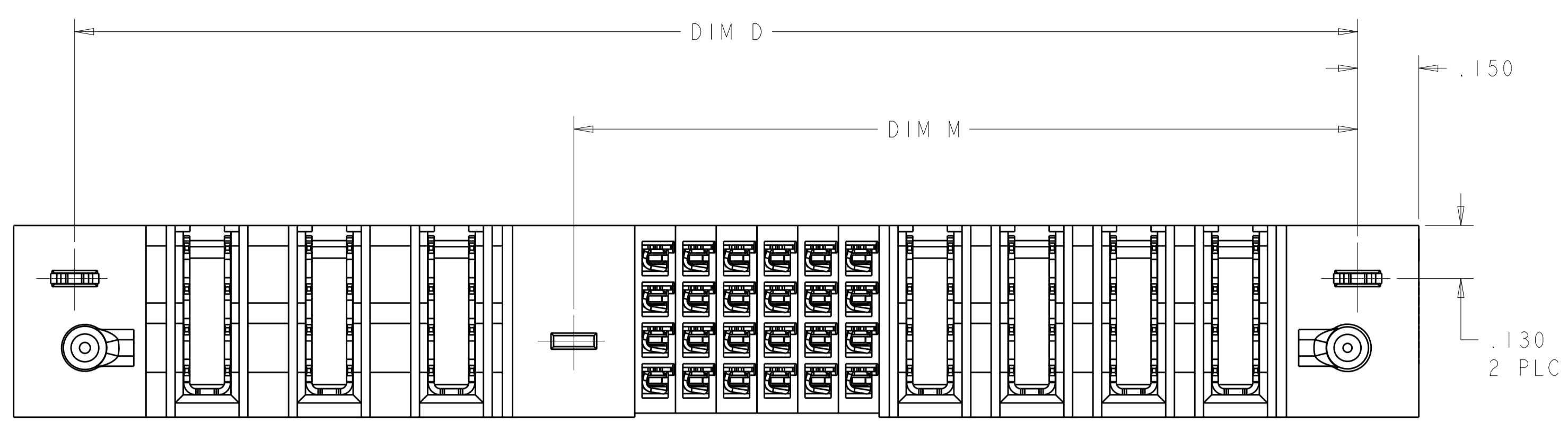
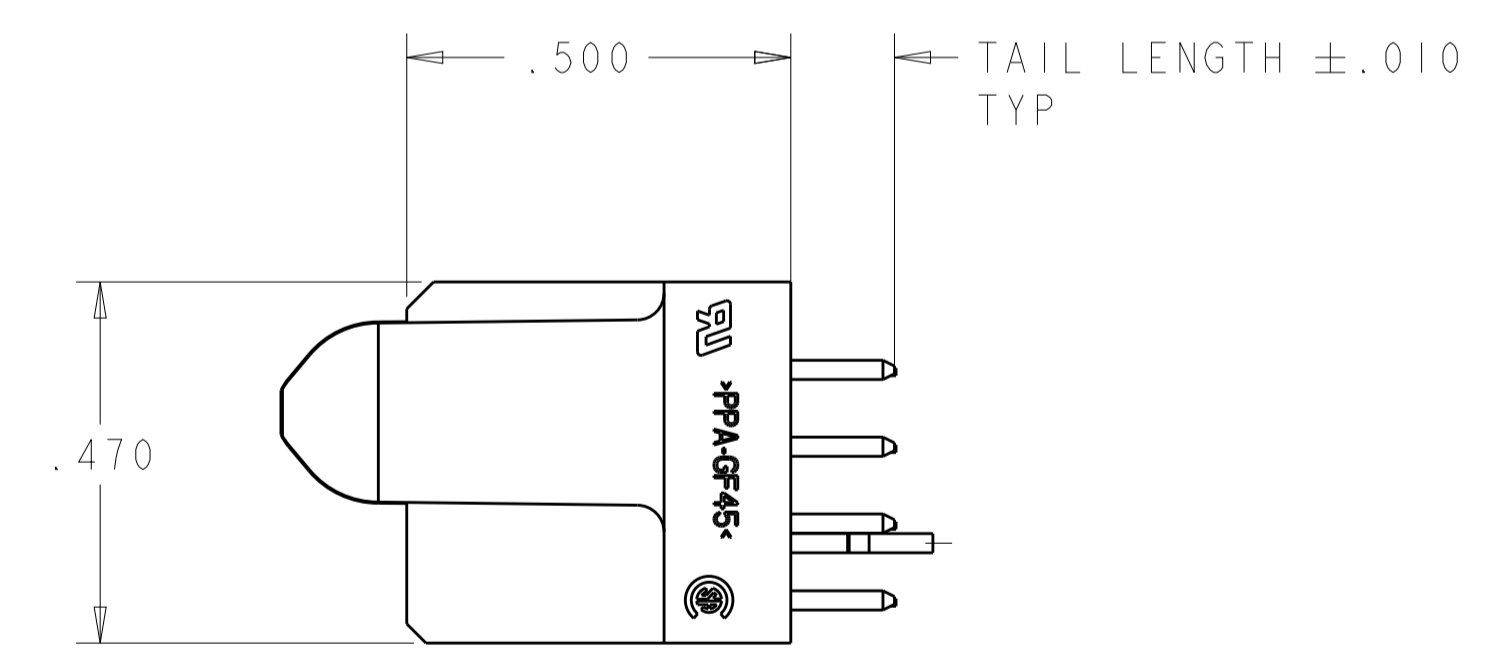
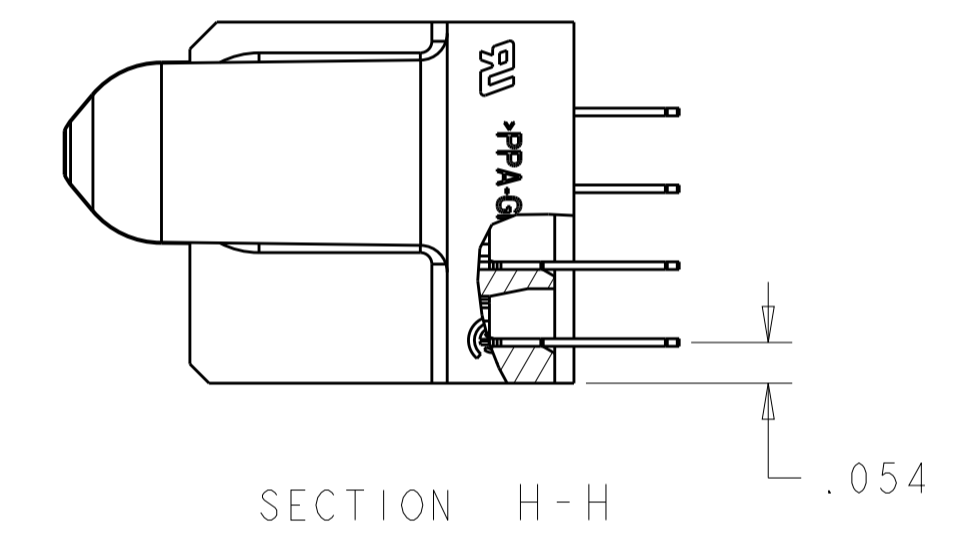


LOC		DIST		REVISIONS			
ES	00	P	LTM	DESCRIPTION	DATE	DMN	APVD
	G2			ADDED THE DASH NO -27	11MAY2011	ML	SZ
	G3			REV PER ECR-13-006828	25APR2013	CZ	SZ
	G4			ADDED NEW DASH NUMBER 2-9	03JUN2013	CZ	SZ



- △ OPTIONAL CENTER MODULE, WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE
- △ "AMP", TRADEMARK, PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES
- △ MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0  
 SIGNAL CONTACT - HIGH CONDUCTIVITY 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 HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 CU PLATING TO ACHIEVE A .040±.003 DIA HOLE
- △ FOR P/N:2-6450150-2.THE VARIABLE DIMENSIONS PLEASE SEE SHEET 7.


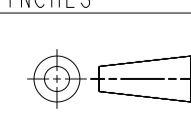


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R.GRZYBOWSKI 16FEB05	TE Connectivity
DIMENSIONS: INCHES		CHK: M.PERCHEKKE 16FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M.PERCHEKKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC ±.01	1 PLC ±.01	PRODUCT SPEC: 108-1973	SIZE: A1
2 PLC ±.005	3 PLC ±.005	APPLICATION SPEC: 114-13038	CAGE CODE: C=6450150
4 PLC ±.0020	ANGLES ±.7°	WEIGHT: -	RESTRICTED TO: -
MATERIAL: -	FINISH: -	CUSTOMER DRAWING	SCALE: 1:1 SHEET 1 OF 12 REV: G5

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20  
 © COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

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

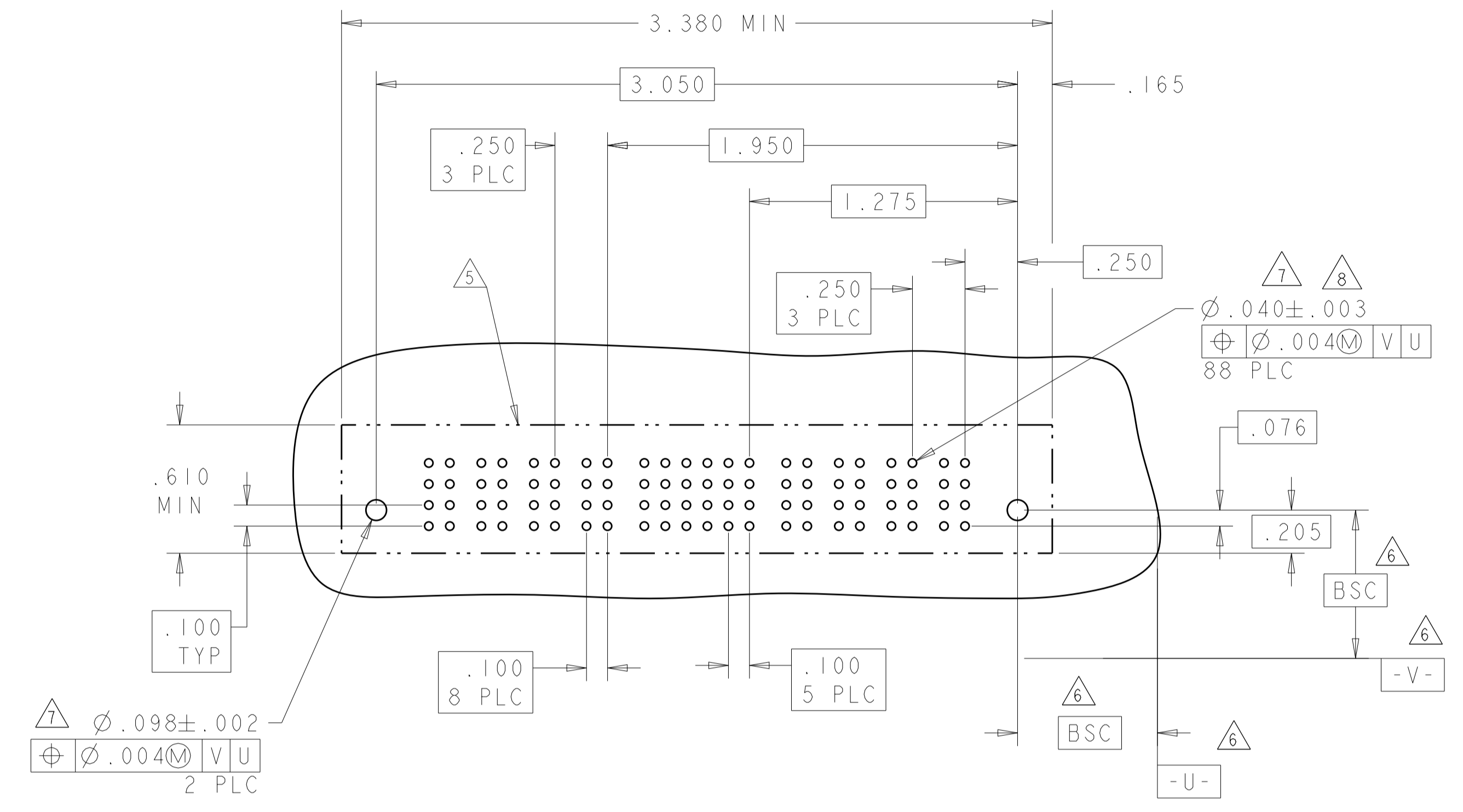
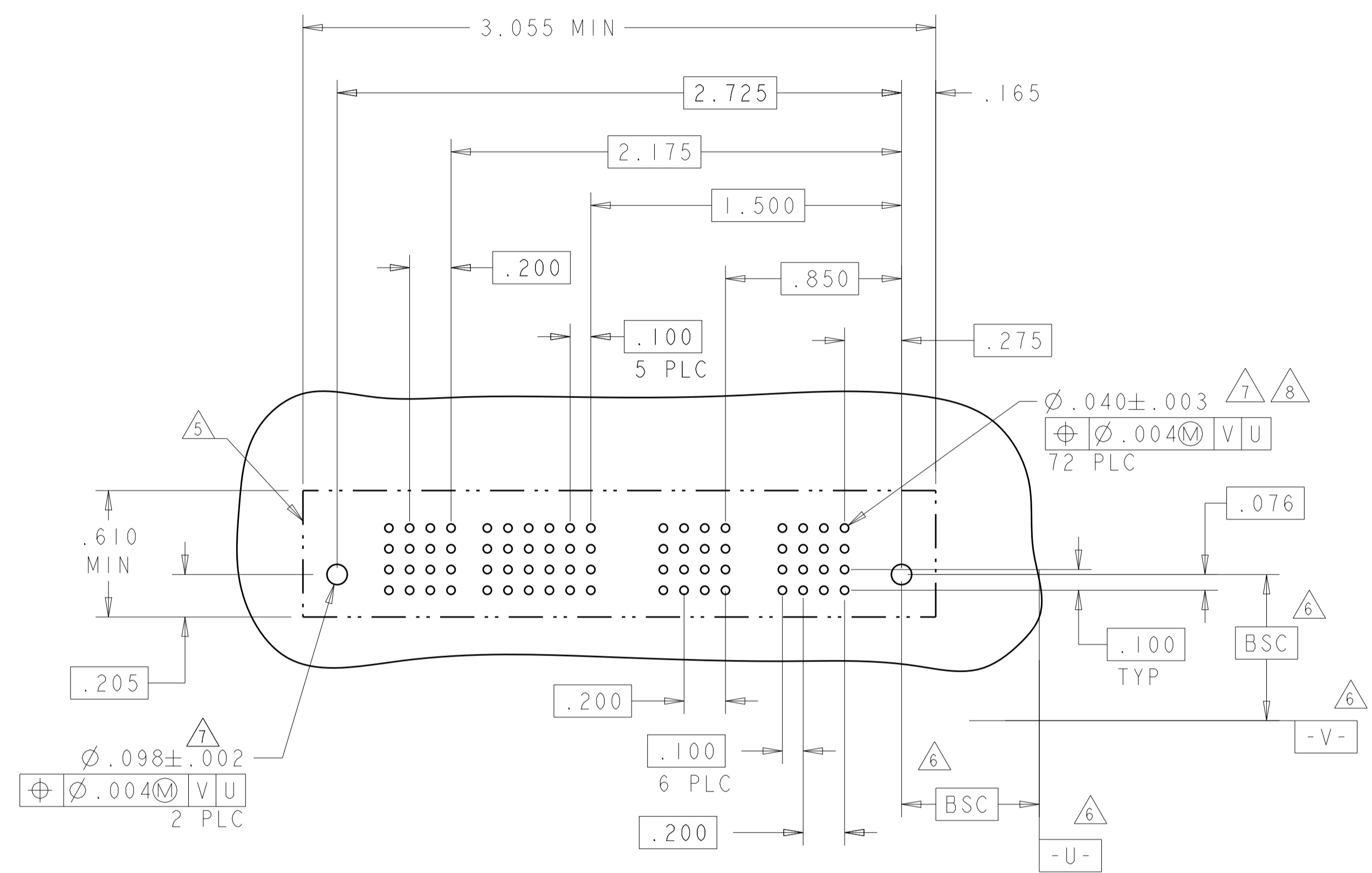
WITH	2.650	.200	.250	1.550	.875	2.700	-	3.000	.450	2P + 24S + 6P	2-6450150-9
WITH	2.300	.250	.300	1.950	1.275	2.350	-	2.650	.475	3ACP + 24S + 2P	2-6450150-8
WITH	5.150	.300	.300	3.550	2.700	5.200	-	5.500	.450	8ACP + 32S + 6ACP	2-6450150-7
WITH	2.800	.300	.250	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	2-6450150-6
WITH	3.800	.300	.250	1.875	1.375	3.850	-	4.150	.450	4P + 16S + 7ACP	2-6450150-5
WITH	2.400	.200	.200	2.100	.825	2.450	-	2.750	.450	2P + 48S + 2P	2-6450150-4
WITH	1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	2-6450150-3
WITHOUT	5.500	.300	.300	3.175	2.525	5.550	-	5.850	.475	7ACP+20S+4ACP+5P	2-6450150-2
WITH	2.900	.250	.250	2.550	.875	2.950	-	3.250	.450	2P + 64S + 2P	2-6450150-1
WITH	3.550	-	.300	2.550	1.275	3.600	-	3.900	.475	3ACP + 48S + 5P	2-6450150-0
WITH	4.000	-	-	-	.375	4.050	-	4.350	-	148S	1-6450150-9
WITH	2.800	.250	.250	1.700	1.125	2.850	-	3.150	.450	3P + 20S + 5P	1-6450150-8
WITH	2.200	.250	.250	1.350	.875	2.250	-	2.550	.450	2P + 16S + 4P	1-6450150-7
WITH	3.500	.300	.250	2.775	2.375	3.550	-	3.850	.450	8P + 12S + 3ACP	1-6450150-3
WITH	2.300	.250	.300	1.950	1.275	2.350	-	2.650	.475	3ACP + 24S + 2P	6450150-9
WITH	1.575	-	-	1.425	.700	1.625	-	1.925	.475	1P + 24S + 1P	6450150-8
WITH	3.000	.250	.250	2.150	1.425	3.050	-	3.350	.450	4P + 24S + 4P	6450150-6
WITH	2.500	.300	.250	1.800	1.125	2.550	-	2.850	.450	3P + 24S + 3ACP	6450150-5
WITH	2.675	.200	.200	2.375	1.650	2.725	-	3.025	.475	5P + 24S + 2P	6450150-4
WITH	2.800	.300	.250	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	6450150-3
WITH	3.550	-	.300	2.550	1.275	3.600	-	3.900	.475	3ACP + 48S + 5P	6450150-2
WITH	4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	6450150-1
HOLD DOWN	U	T	S	R	W	D	M	L	K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE	16FEB05 16FEB05	 TE Connectivity	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. PERCHERKE	NAME		
	0 PLC ±	PRODUCT SPEC	VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL		
	1 PLC ±.01	APPLICATION SPEC			
MATERIAL	FINISH	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		A100779	6450150		
CUSTOMER DRAWING		SCALE	1:1	SHEET	2 OF 12
		REV	G5		



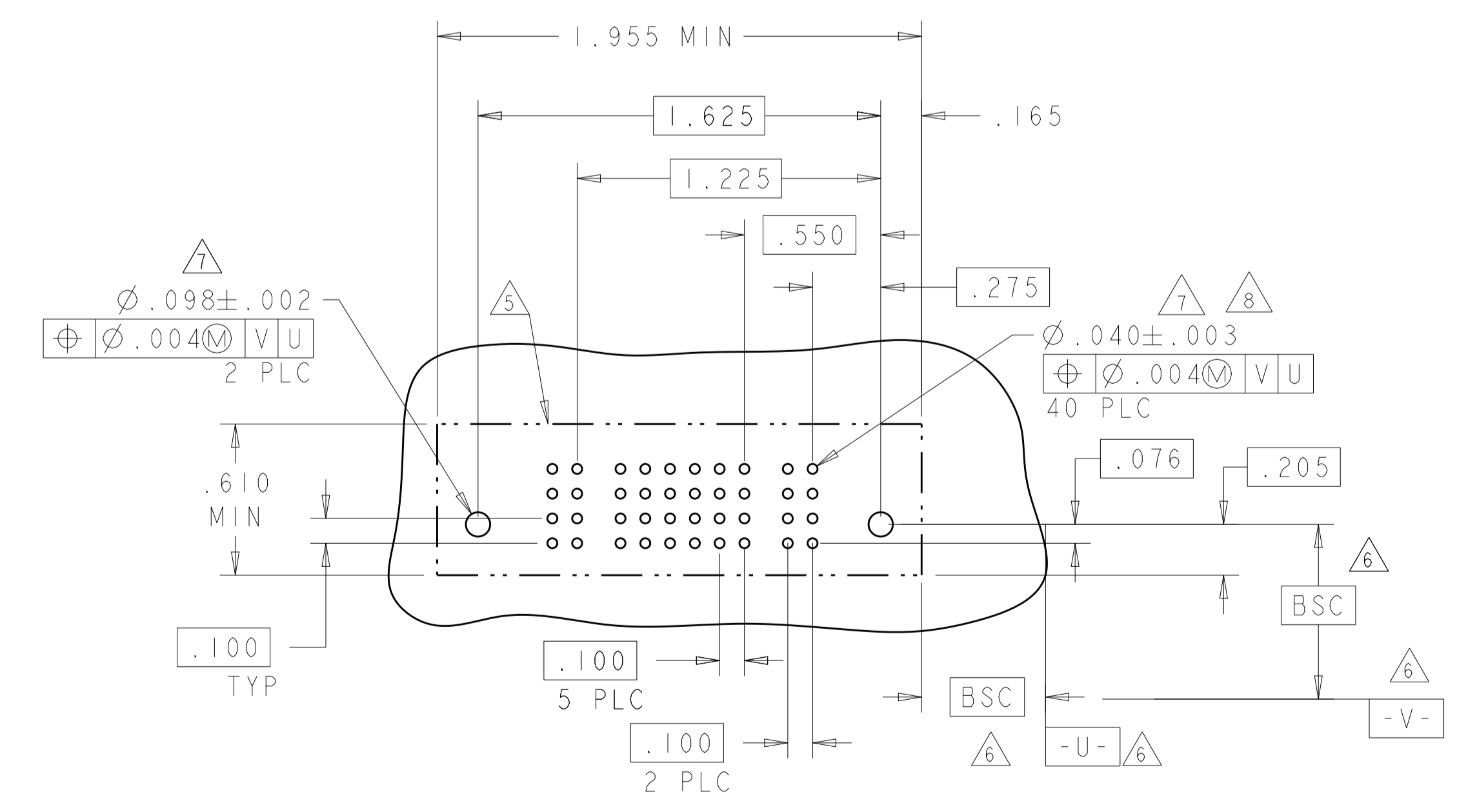
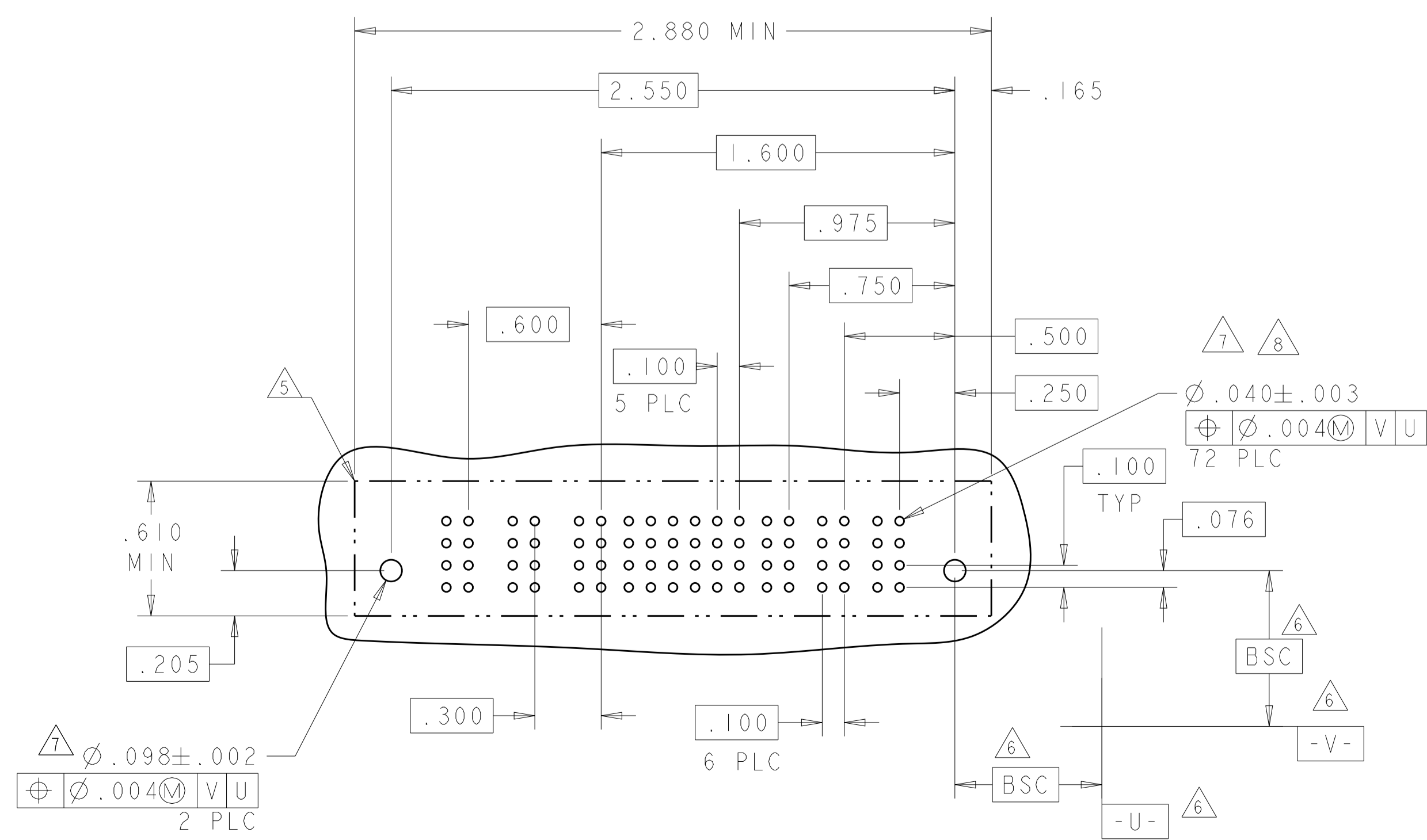
PART NUMBER	ROWS	POWER (L)						SIGNAL						POWER (R)											
		P7	P6	6	5	4	3	2	1	P5	P4	P3	P2	P1	P1	P2	P3	P4	P5						
6450150-4	D							J	J	J	J	J	J	VN	VN	VN	VN								
	C							J	J	J	J	J	J	VN	VN	VN	VN								
	B							J	J	J	J	J	J	VN	VN	VN	VN								
		HD																						HD	
5P + 24S + 2P																									

PART NUMBER	ROWS	POWER (L)						SIGNAL						POWER (R)											
		P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1										
6450150-6	D							J	J	J	J	J	J	VN	VN	VN	VN								
	C							J	J	J	J	J	J	VN	VN	VN	VN								
	B							J	J	J	J	J	J	VN	VN	VN	VN								
		HD																						HD	
4P + 24S + 4P																									



PART NUMBER	ROWS	POWER (L)						SIGNAL						POWER (R)											
		P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	P1	P2	P3	P4								
6450150-5	D							E	E	E	E	E	E	VM	VM	VM	VM								
	C							E	E	E	E	E	E	VM	VM	VM	VM								
	B							E	E	E	E	E	E	VM	VM	VM	VM								
		HD																						HD	
3P + 24S + 3ACP																									

PART NUMBER	ROWS	POWER (L)						SIGNAL						POWER (R)											
		P2	6	5	4	3	2	1	P1	P2	P3	P4	P1												
6450150-8	D							E	E	E	E	E	E	VM	VM	VM	VM								
	C							E	E	E	E	E	E	VM	VM	VM	VM								
	B							E	E	E	E	E	E	VM	VM	VM	VM								
		HD																						HD	
1P + 24S + 1P																									



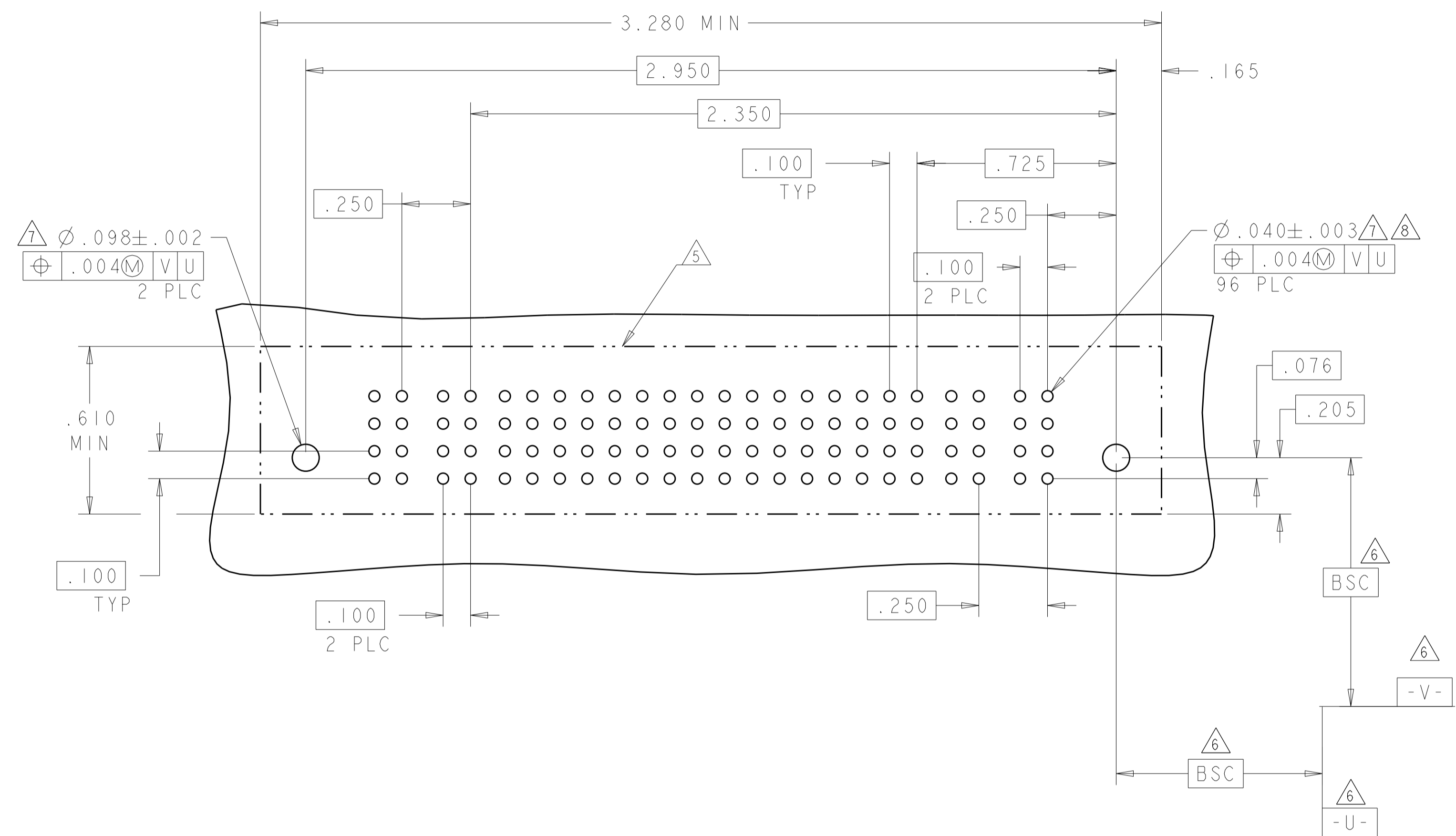
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	R. GRZYBOWSKI	16FEB05
DIMENSIONS:		CHK	M. PERCHERKE	16FEB05
INCHES		APVD	M. PERCHERKE	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
0 PLC	±	PRODUCT SPEC		
1 PLC	±.01	108-1973		
2 PLC	±.005	APPLICATION SPEC		
3 PLC	±.0020	SIZE		
4 PLC	±.0020	CAGE CODE		
ANGLES	±.0020	DRAWING NO		
MATERIAL	FINISH	WEIGHT		
		114-13038		
		CUSTOMER DRAWING		
		SCALE		
		1:1		
		SHEET		
		4 OF 12		
		REV		
		G5		





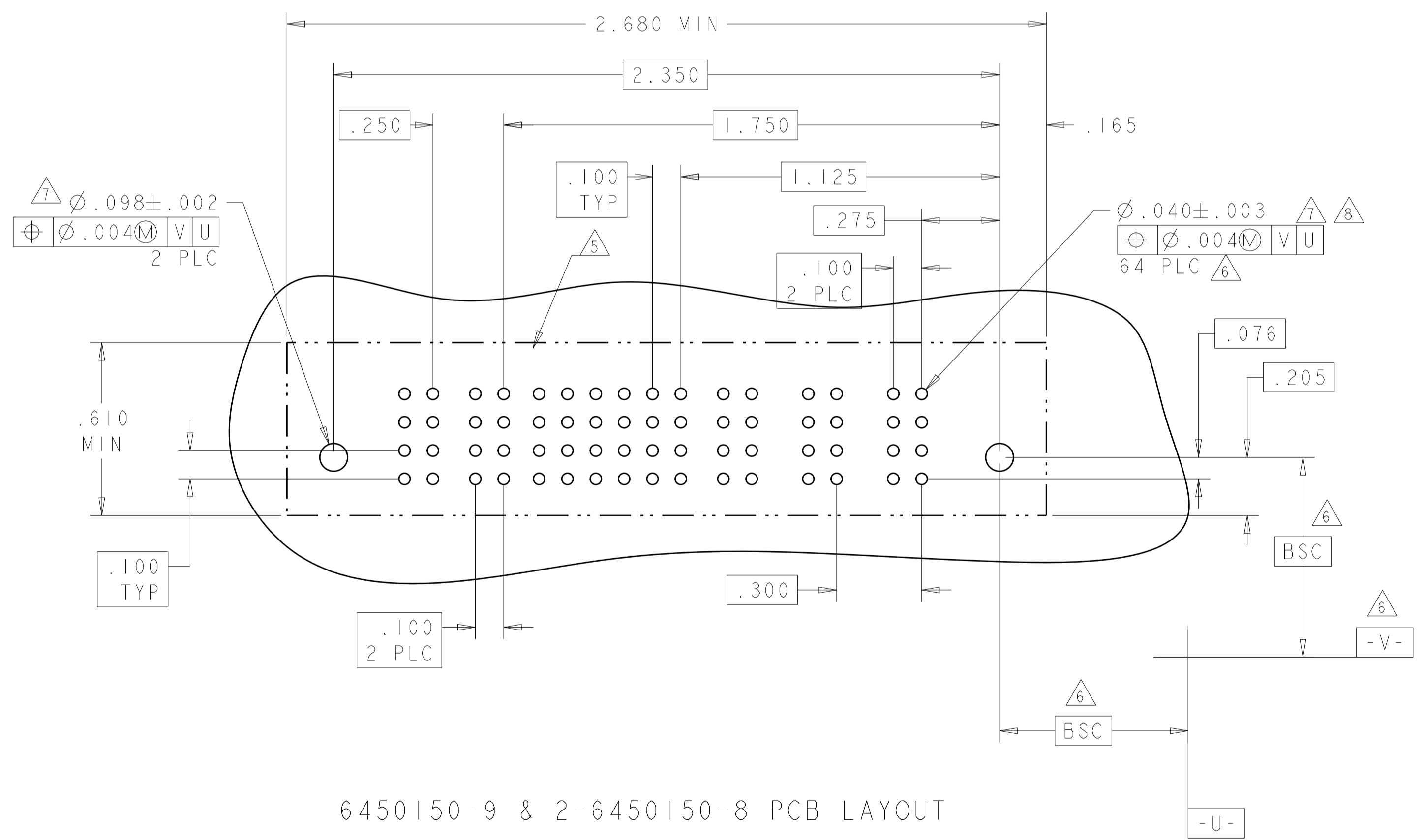
LOC	DIST	REV	DATE	BY	APPV
ES	00				

PART NUMBER	ROWS	POWER (L)		SIGNAL																POWER (R)					
		P4	P3	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1				
2-6450150-1	D	VB	VN	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	VN	VB	
	C			J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J			
	B			J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J			J
	A			J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J			J
2P + 64S + 2P		HD																		HD					



PART NUMBER	ROWS	POWER		SIGNAL						POWER				
		P5	P4	6	5	4	3	2	1	P3	P2	P1		
6450150-9	D	VM	VM	E	E	E	E	E	E	E	E	VA	VM	VM
	C			E	E	E	E	E	E	E				
	B			E	E	E	E	E	E	E				
	A			E	E	E	E	E	E	E				
3ACP+24S+2P		HD								HD				

PART NUMBER	ROWS	POWER		SIGNAL						POWER			
		P5	P4	6	5	4	3	2	1	P3	P2	P1	
2-6450150-8	D	VM	VM	E	E	E	E	E	E	E	VA	VM	VM
	C			E	E	E	E	E	E	E			
	B			E	E	E	E	E	E	E			
	A			E	E	E	E	E	E	E			
3ACP+24S+2P		HD								HD			



6450150-9 & 2-6450150-8 PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 16FEB05	CHK: M. PERCHERKE 16FEB05	APVD: M. PERCHERKE	NAME: M. PERCHERKE
INCHES	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	WEIGHT: -	RESTRICTED TO: -
MATERIAL: -	FINISH: -	SIZE: A1	CAGE CODE: 100779	DRAWING NO: 6450150	SCALE: 1:1
CUSTOMER DRAWING		SHEET 7 OF 12		REV G5	

STE TE Connectivity  
VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

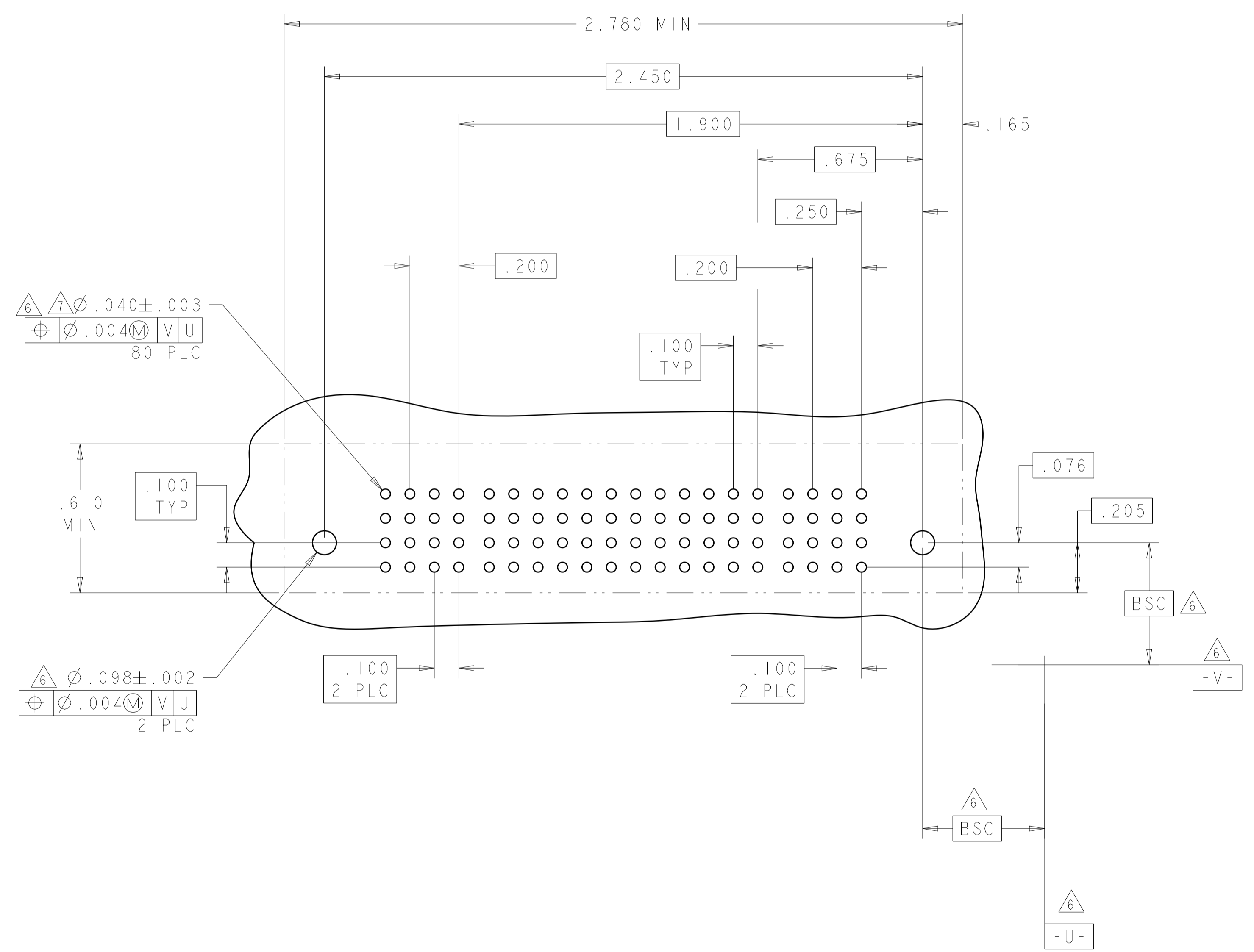
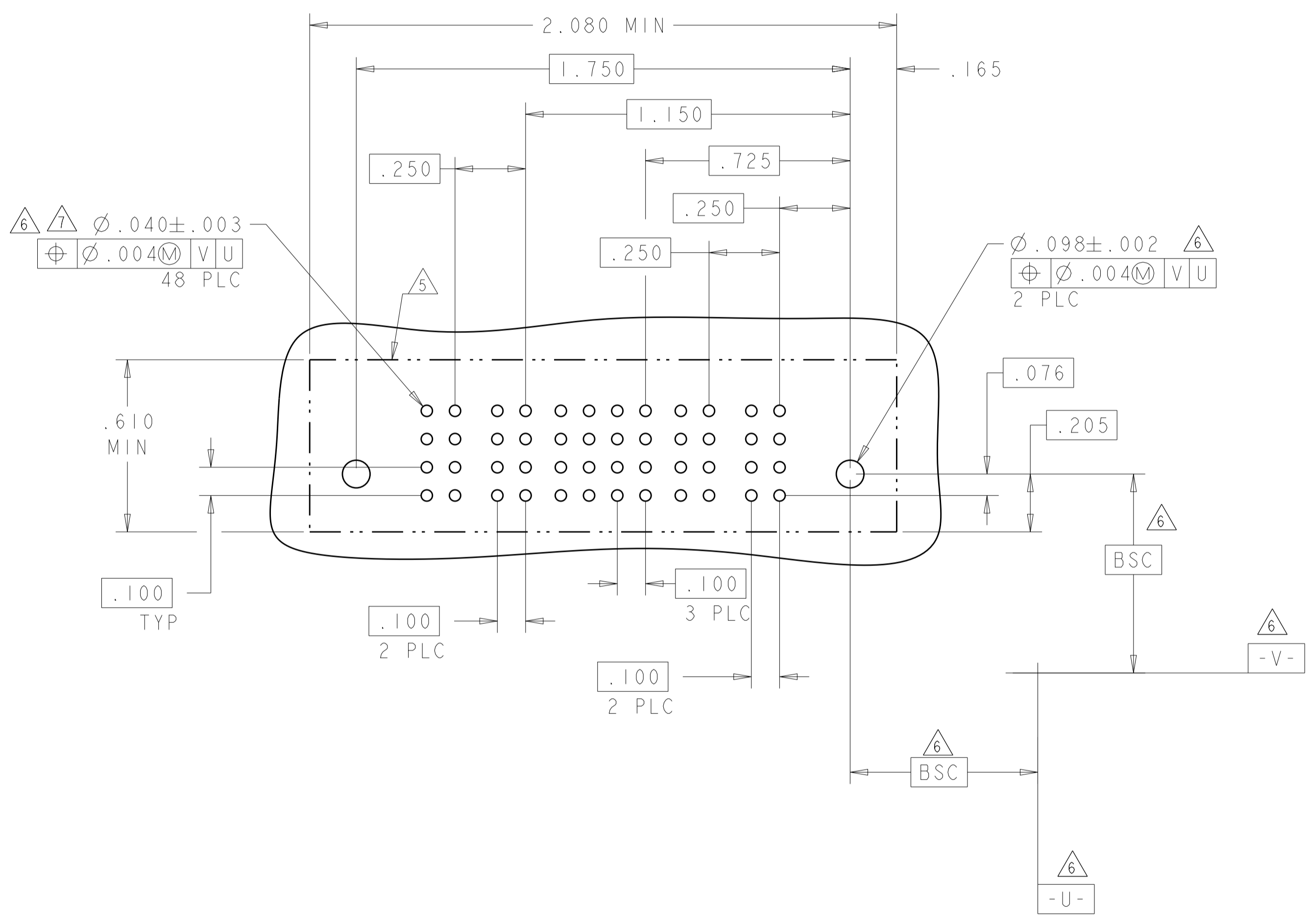




LOC		DIST		REVISIONS				
P	LTN	DATE	DMN	APVD	DESCRIPTION	DATE	DMN	APVD
-	-	-	-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P4	P3	4	3	2	1	P2	P1
2-6450150-3	D	VM	VM	E	E	E	E	VA	VA
	C			E	E	E	E		
	B			E	E	E	E		
	A			E	E	E	E		
2P + 16S + 2P		HD						HD	

PART NUMBER	ROWS	POWER		SIGNAL								POWER							
		P4	P3	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1		
2-6450150-4	D	VM	VA	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
	C			E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
	B			E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
	A			E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2P + 48S + 2P		HD										HD							



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°	FINISH	DMN: R. GRZYBOWSKI 16FEB05 CHK: M. PERCHERKE 16FEB05 APVD: M. PERCHERKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	RESTRICTED TO
MATERIAL	FINISH	WEIGHT	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038	SIZE: A1 CAGE CODE: 6450150 DRAWING NO: 00779	SCALE: 1:1
CUSTOMER DRAWING			SHEET 9 OF 12		REV G5

4805 (3/11)

LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPV
1	SEE SHEET 1			

PART NUMBER	ROWS	POWER						SIGNAL				POWER			
		P11	P10	P9	P8	P7	P6	P5	4	3	2	1	P4	P3	P2
2-6450150-5	D							E	E	E	E				
	C	VM	VA	VM	VM	VA	VM	E	E	E	E	VM	VM	VM	VM
	B							E	E	E	E				
	A	HD						E	E	E	E				HD

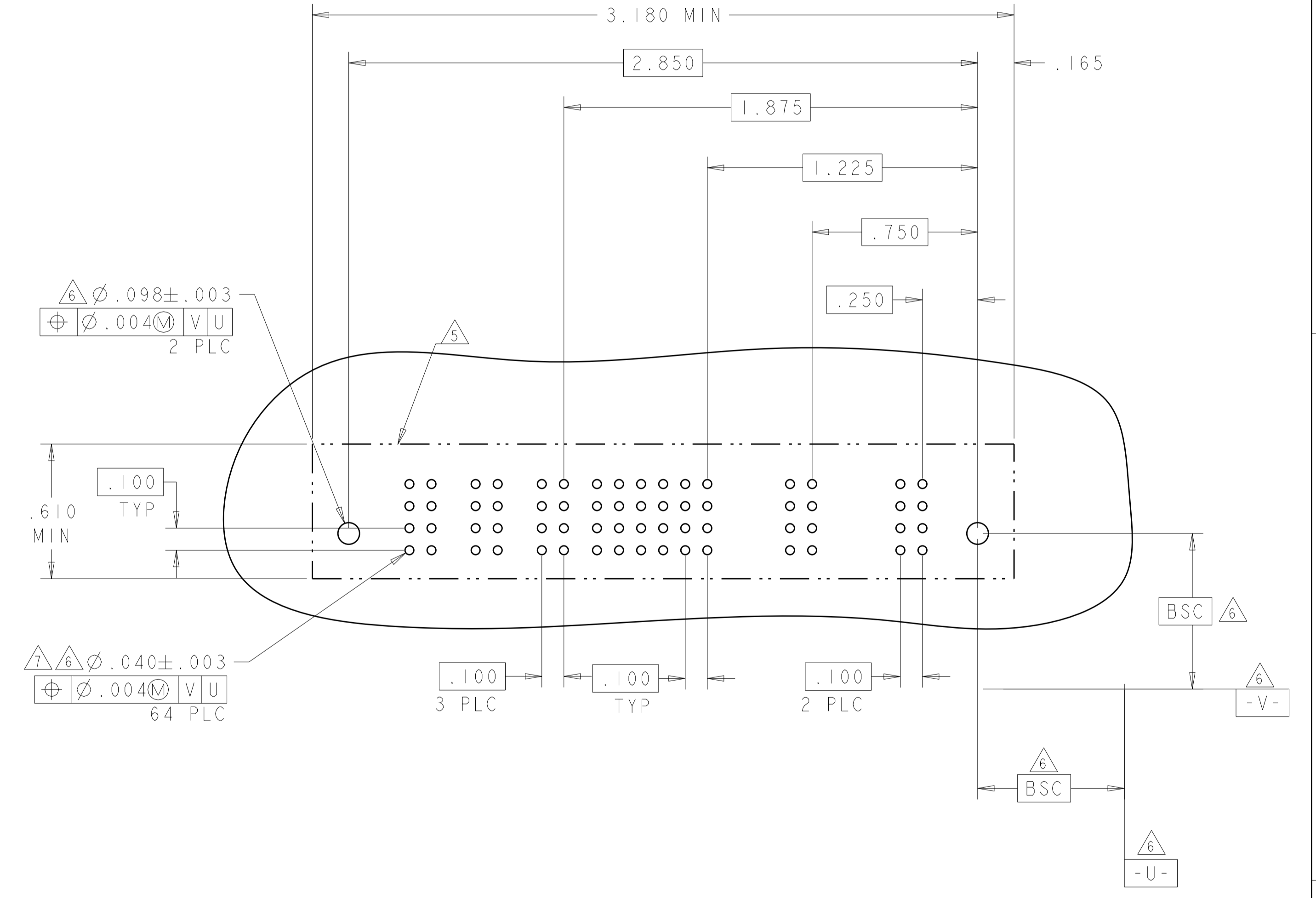
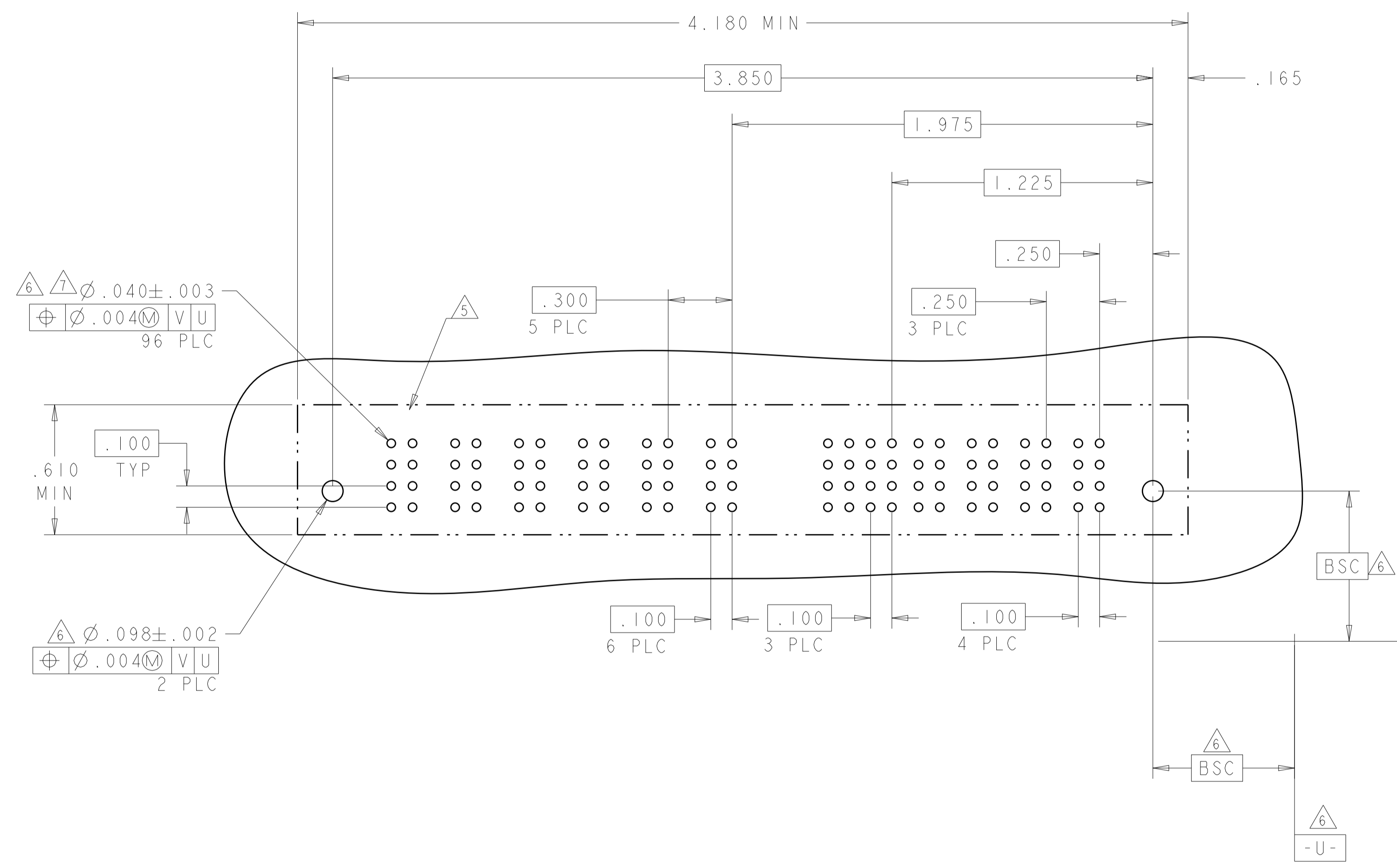
4P + 16S + 7ACP

PART NUMBER	ROWS	POWER (L)			SIGNAL						POWER (R)			
		P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1
2-6450150-6	D				E	E	E	E	E	E				
	C	VM	VM	VA	E	E	E	E	E	E	VM			VM
	B				E	E	E	E	E	E				
	A	HD			E	E	E	E	E	E				HD

4P + 24S + 3ACP

(F1)

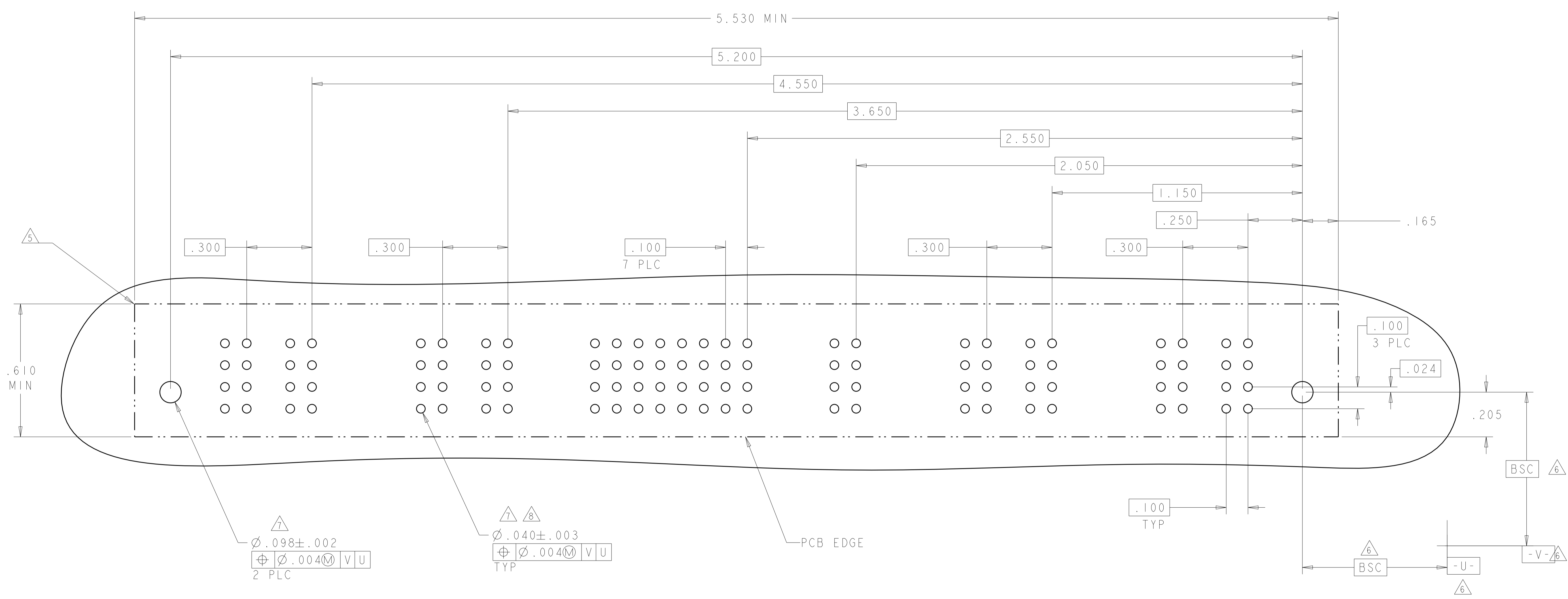
NO CONTACT LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 16FEB05 CHK: M. PERCHERKE 16FEB05 APVD: M. PERCHERKE	TE Connectivity
DIMENSIONS: INCHES TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.020		NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	
MATERIAL: - FINISH: -		SIZE: A1 CAGE CODE: 00779 DRAWING NO: 6450150	RESTRICTED TO: - SCALE: 1:1 SHEET: 10 OF 12 REV: G5

LOC		DIST		REVISONS			
ES	00	P	LTM	DESCRIPTION	DATE	DWN	APVD
-	-	-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	CIRCUITRY	POWER (L)							SIGNAL								POWER (R)						CIRCUITRY	HD	
			PI4	PI3	PI2	PI1	PI0	P9		8	7	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3			P2
2-6450150-7	D C B A		VM	VM		VM	VM		E	E	E	E	E	E	E	E		VA		VM	VM		VM	VM		HD
8ACP + 32S + 6ACP																										



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 16FEB05		TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 16FEB05		NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	PRODUCT SPEC: 108-1973	
0 PLC ±.01		APPLICATION SPEC: 114-13038	SIZE: A1	
1 PLC ±.01		WEIGHT: -	CAGE CODE: 6450150	
2 PLC ±.01		SCALE: 1:1	SHEET 11 OF 12	
3 PLC ±.005		REV: G5		
4 PLC ±.0020				
ANGLES ±.020				
FINISH: -				
MATERIAL: -				
CUSTOMER DRAWING				

LOC	DIST	REV	DATE	BY	APPV
ES	00				

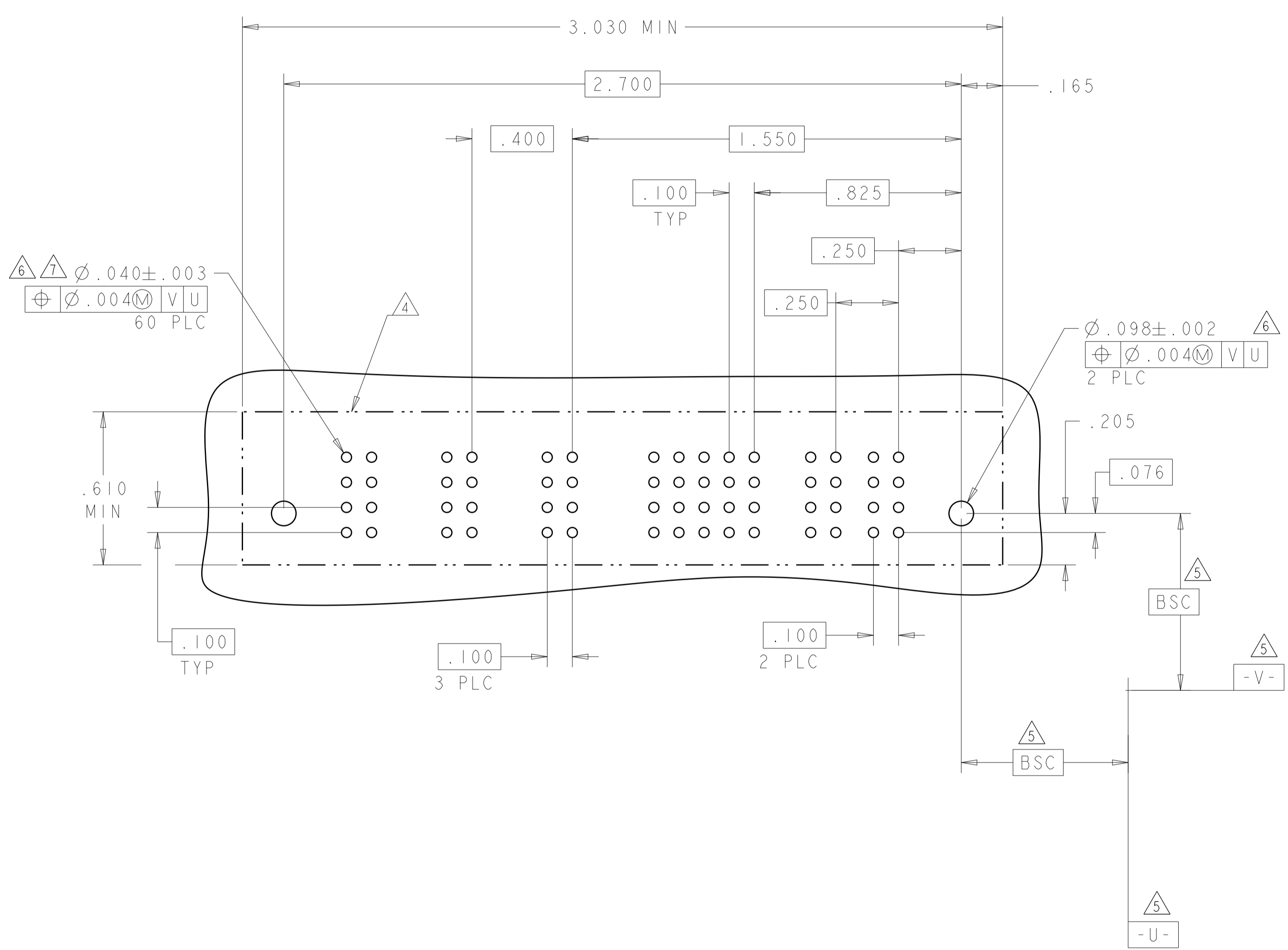
  

REVISIONS					
REV	DATE	BY	APPV	DESCRIPTION	DATE
-	-	-	-	SEE SHEET 1	-

PART NUMBER	ROWS	POWER						SIGNAL							
		P8	P7	P6	P5	P4	P3	4	3	2	3	2	1	P2	P1
2-6450150-9	D							E	E	E	E	E			
	C							E	E	E	E	E	VM	VM	
	B							E	E	E	E	E			
	A	HD						E	E	E	E	E			

NO CONTACTS LOADED

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 16FEB05 CHK: M. PERCHERKE 16FEB05 APVD: M. PERCHERKE	TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	
MATERIAL: -	FINISH: -	SIZE: A1 CAGE CODE: 00779 DRAWING NO: 6450150	RESTRICTED TO: - SCALE: 1:1 SHEET: 12 OF 12 REV: G5



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

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.