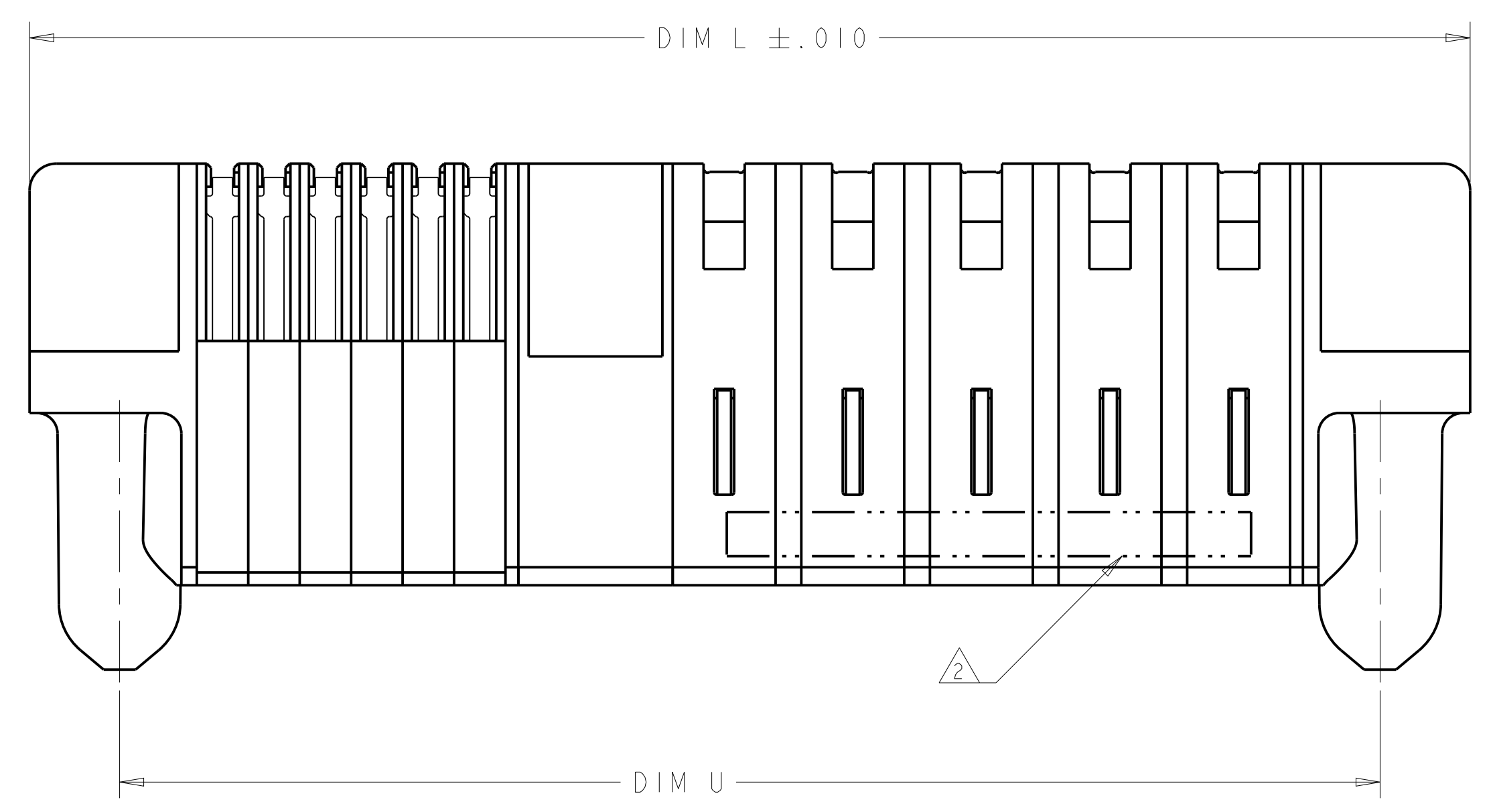


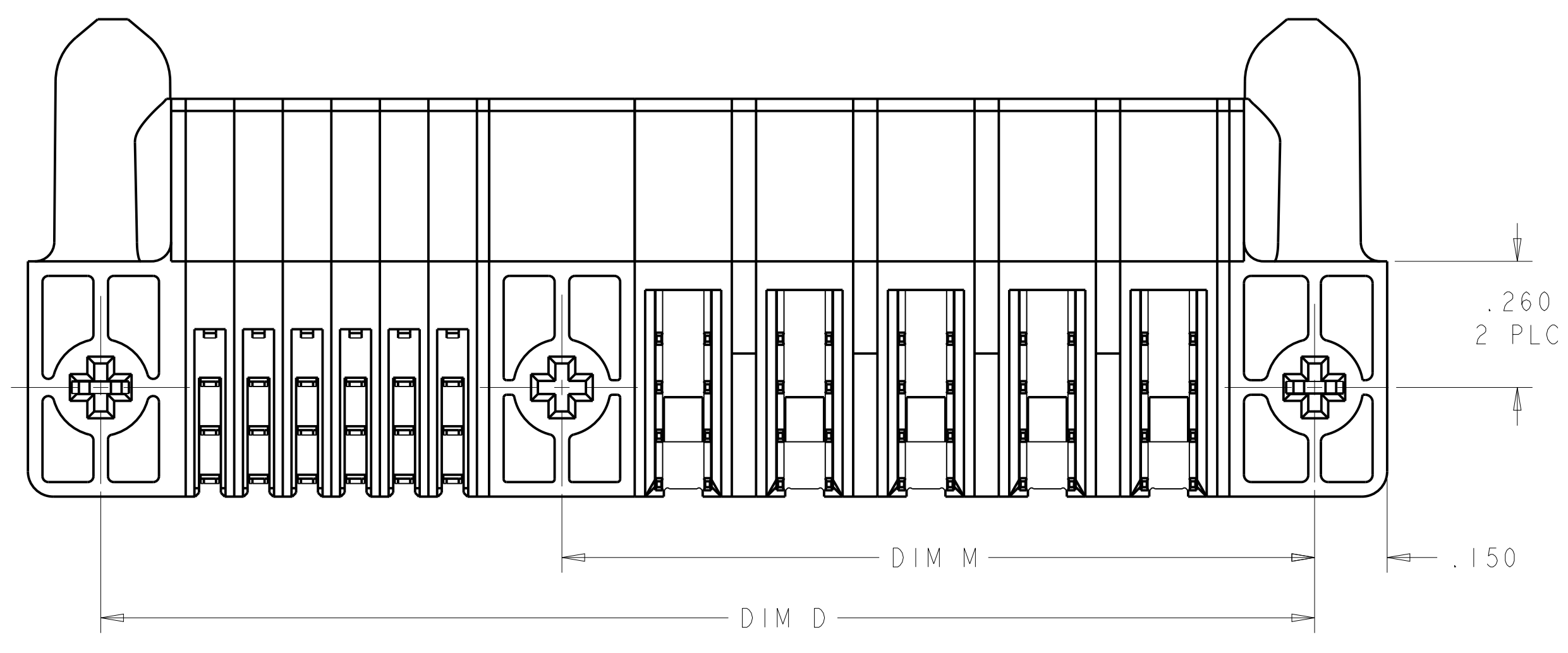
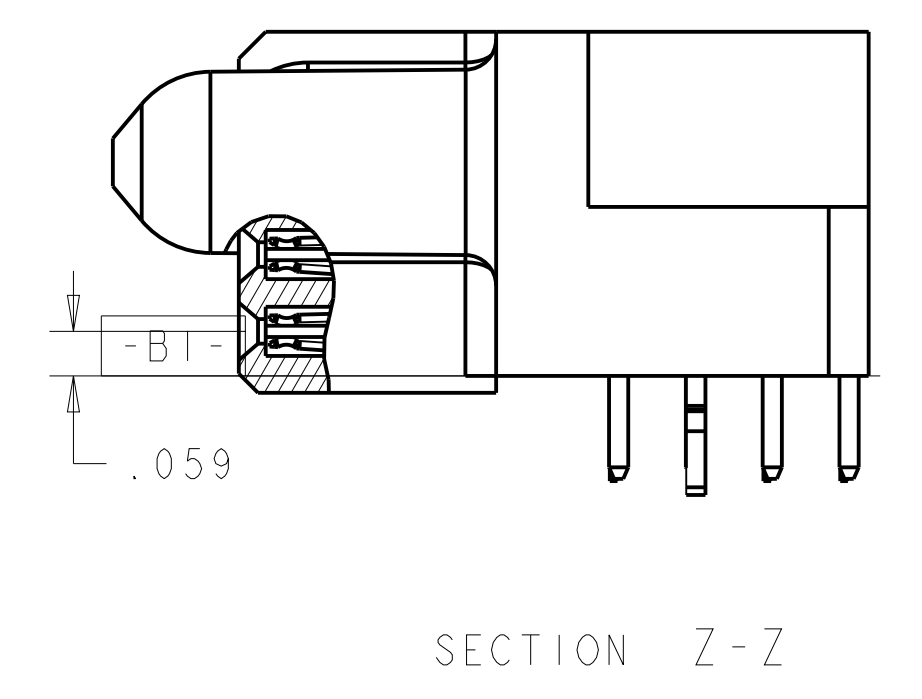
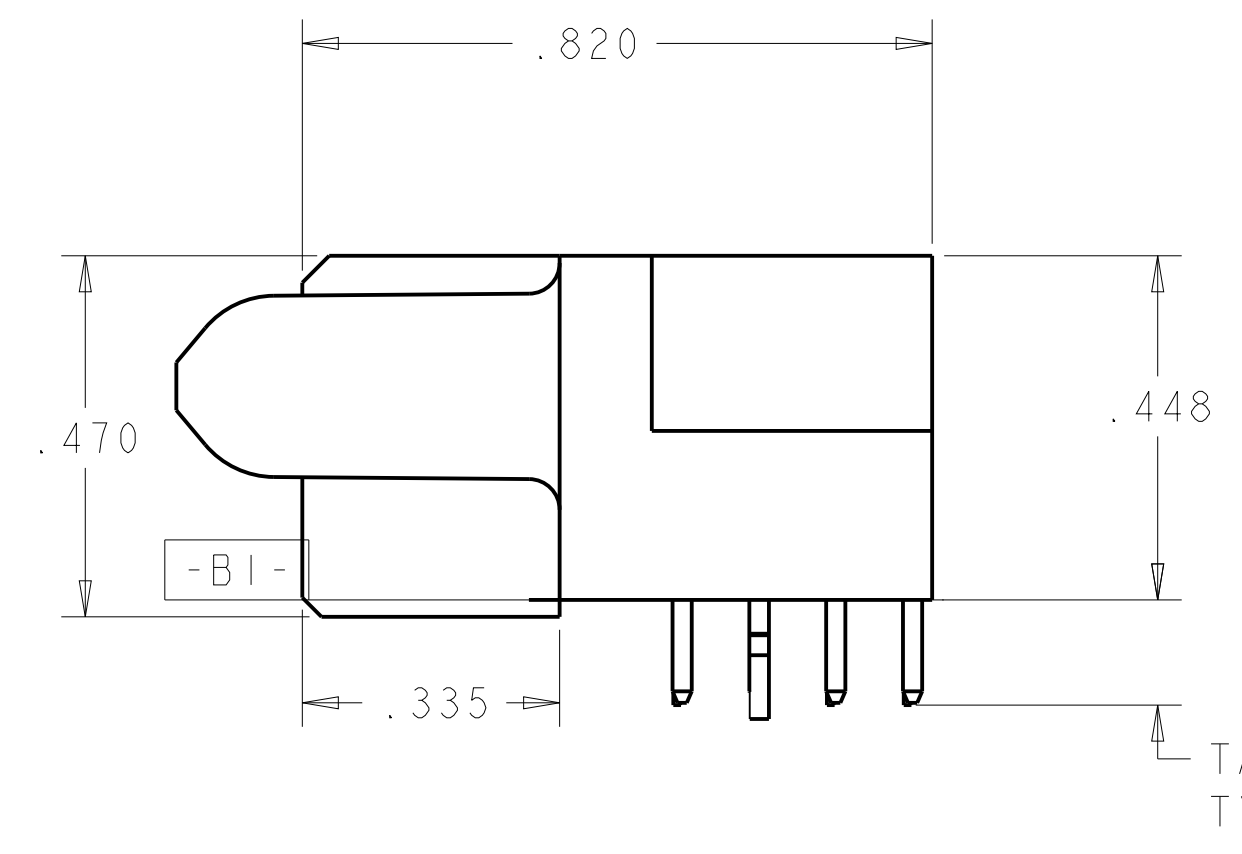
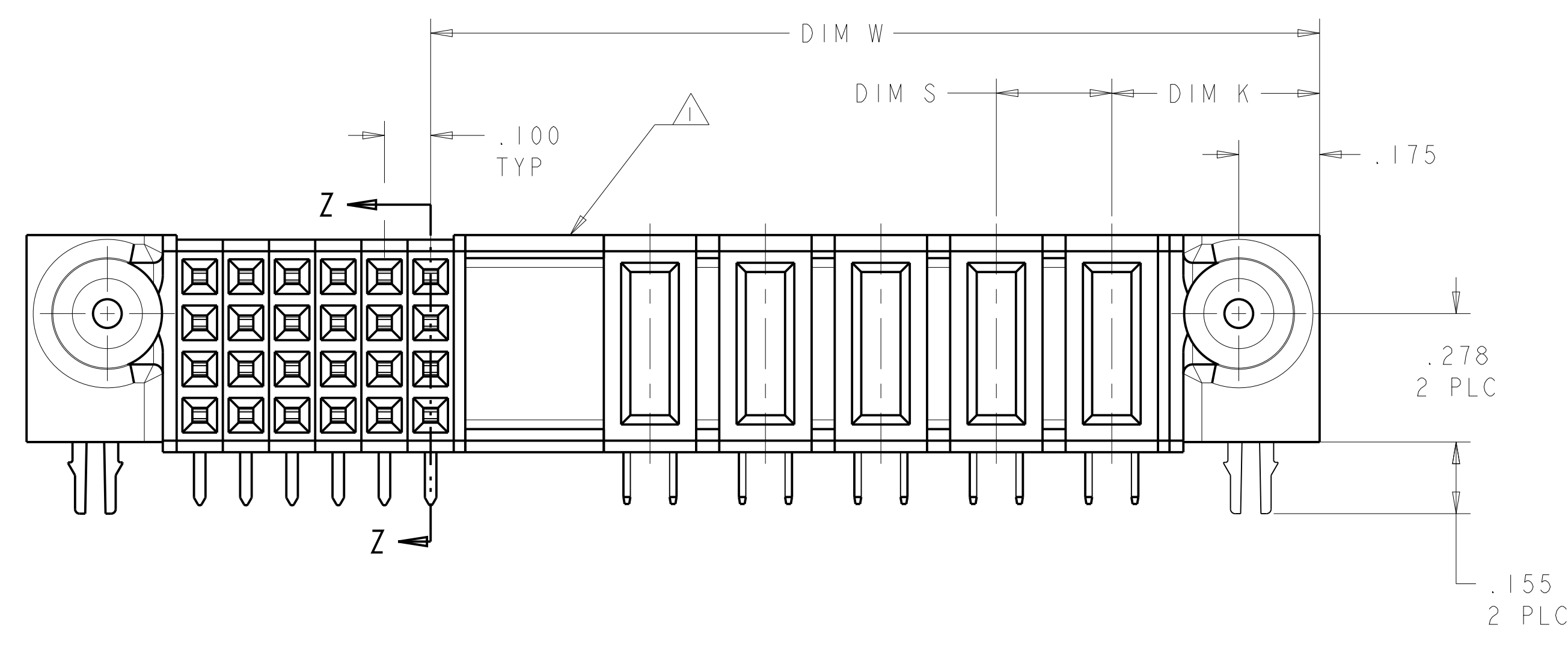
LOC	DIST	REV	DATE	BY	CHK	APPV
ES	00					

REVISIONS						
REV	DATE	BY	CHK	APPV	DESCRIPTION	
E3	7JAN2012	OL	SZ		ADD NEW DASH NUMBER -14	
E4	23JAN2013	CZ	SZ		ADDED NEW DASH NUMBER -15	
E5	05FEB2013	CZ	SZ		ADD FRONT VIEW FOR PART 1-5	
E9	11AUG2014	AL	SZ		ADD NEW DASH NUMBER 1-6	



- 1 OPTIONAL CENTER MODULE WITH  $\varnothing .150$  THRU HOLE OR HOLD DOWN FEATURE.
- 2 "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- 3 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0  
 SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY  
 POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4 CONTACT PLATING: NOBLE METAL PLATING ON FUNCTIONAL AREA FOR SIGNAL AND POWER CONTACTS
- 5 MECHANICAL CONNECTOR KEEP OUT ZONE.
- 6 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 7 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 8 PCB - .0453 +/- .0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 PLATING TO ACHIEVE A .040 DIA. HOLE.
- 9 NOT RELEASED FOR PRODUCTION.



U	S	W	D	M	L	K	DESCRIPTION	PART NUMBER
2.400	.250	1.875	2.450	-	2.750	.450	6P + 24S	1-6450162-6
2.400	.250	1.875	2.450	-	2.750	.450	6P + 24S	1-6450162-5
1.900	.250	1.375	1.950	-	2.250	.450	4P + 24S	1-6450162-4
1.600	.250	1.375	1.650	-	1.950	.450	4P + 12S	1-6450162-2
1.000	.250	.875	1.050	-	1.350	.450	2P + 8S	1-6450162-1
2.900	.250	2.375	2.950	-	3.250	.450	8P + 24S	6450162-9
3.800	.250	2.875	3.850	-	4.150	.450	10P + 40S	6450162-8
1.650	.200	1.225	1.700	-	2.000	.450	4P + 20S	6450162-7
1.700	.250	1.375	1.750	-	2.050	.450	4P + 16S	6450162-5
2.675	.250	2.125	2.725	-	3.025	.450	7P + 24S	6450162-2
4.600	.250	3.875	4.650	-	4.950	.450	14P + 32S	6450162-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL:  $\Delta 3$  FINISH:  $\Delta 4$

OWN: R. GRZYBOWSKI 21FEB05  
 CHK: M. PERCHERKE  
 APV: M. PERCHERKE

PRODUCT SPEC: 108-1973  
 APPLICATION SPEC: 114-13038  
 WEIGHT: Customer Drawing

NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

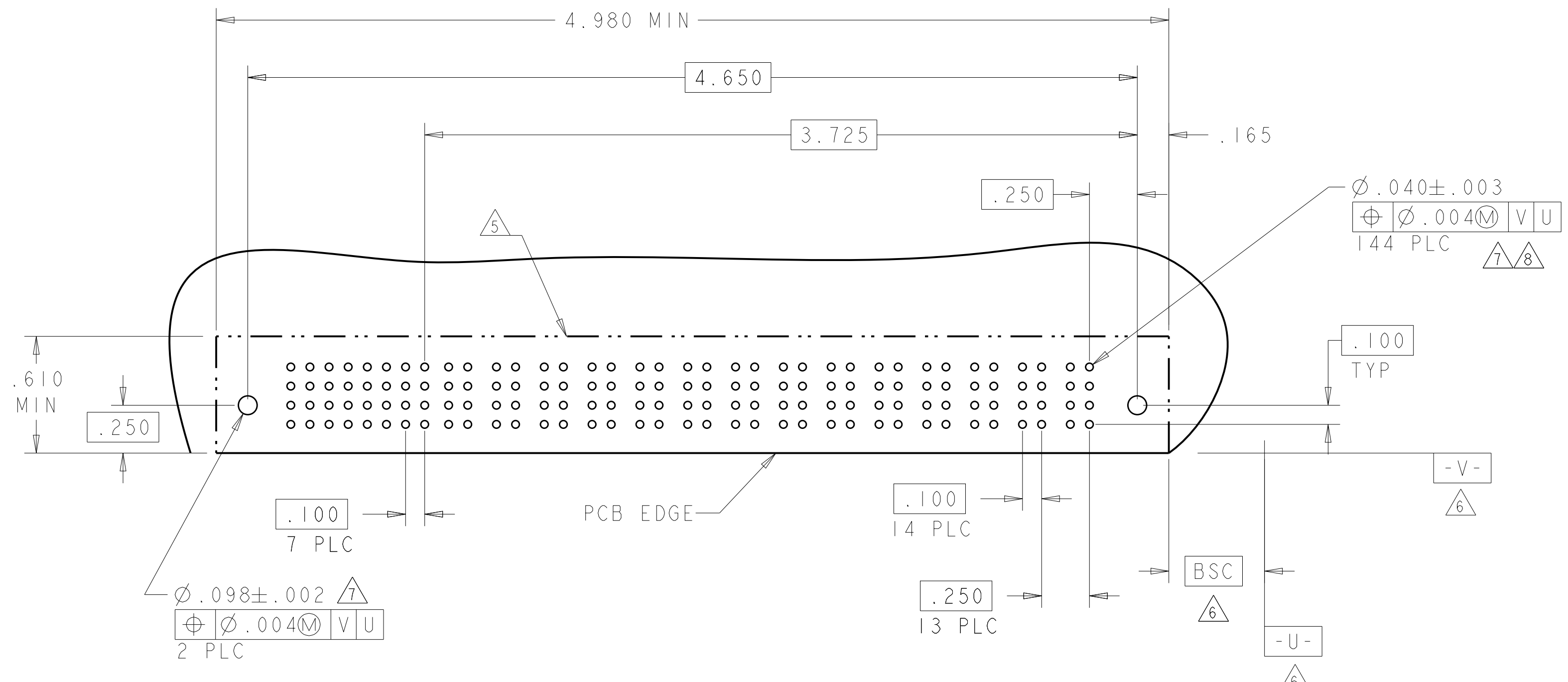
SIZE: 114-13038  
 CAGE CODE: 6450162  
 SCALE: 4:1 SHEET 1 OF 5 REV: E9

LOC	DIST	REV	DATE	BY	APPV
ES	00				

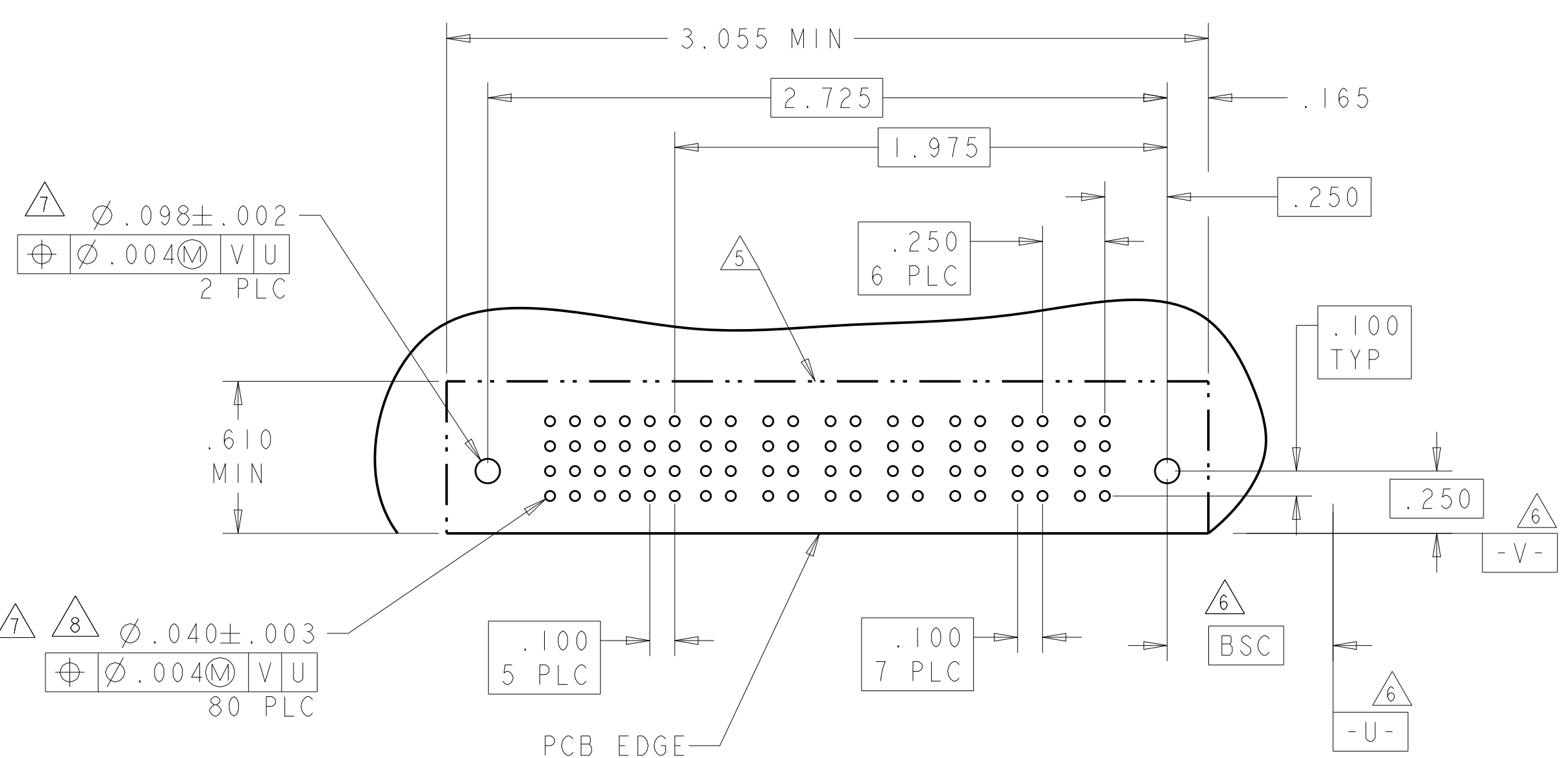
  

REVISIONS		DATE	BY	APPV
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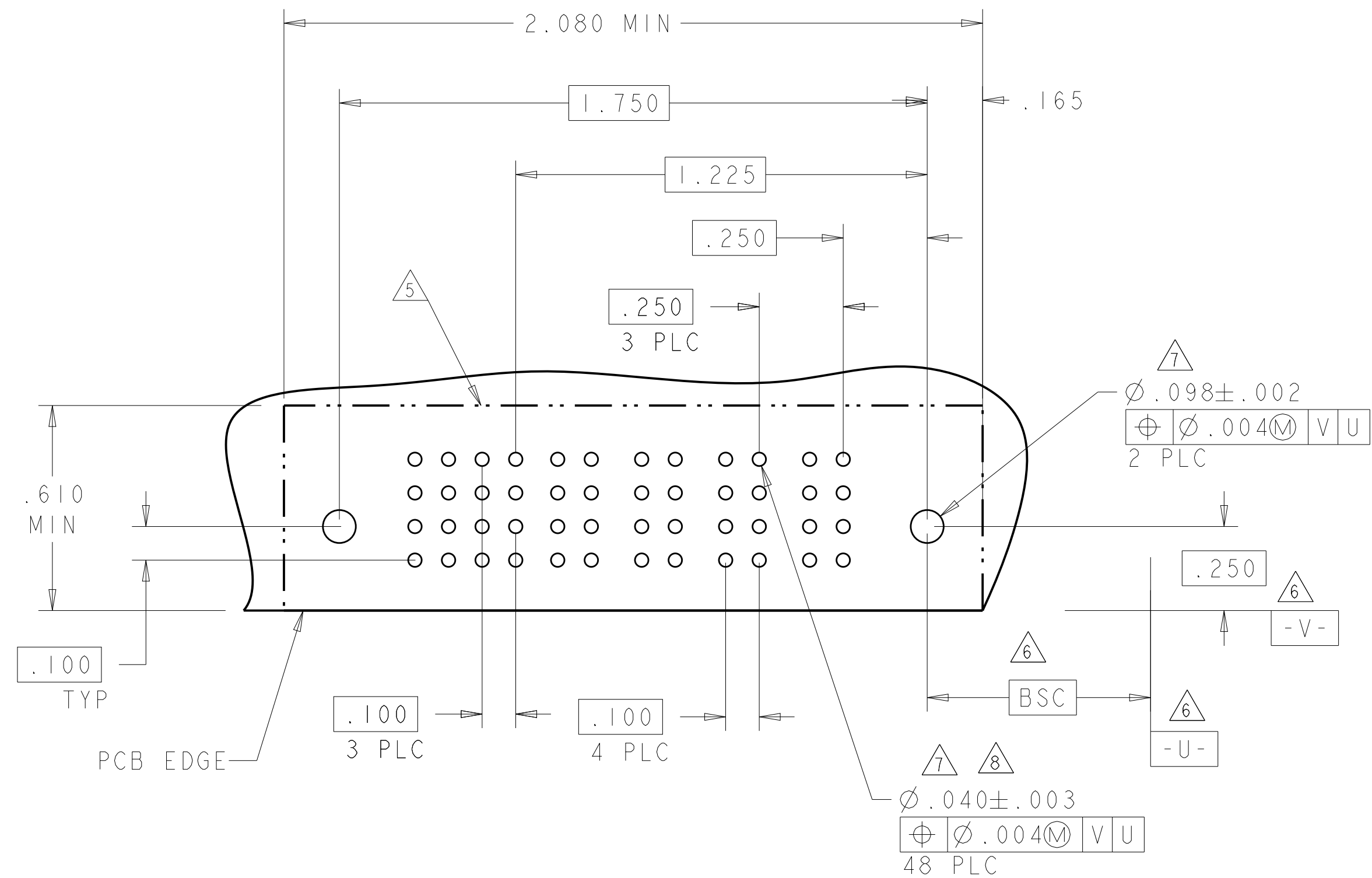
PART NUMBER	ROWS	SIGNAL								POWER													
		8	7	6	5	4	3	2	1	PI4	PI3	PI2	PI1	PI0	P9	P8	P7	P6	P5	P4	P3	P2	PI
6450162-1	D C B A	H	H	H	H	H	H	H	H	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA
		G	G	G	G	G	G	G	G														
		F	F	F	F	F	F	F	F														
14P + 32S		HD																		HD			



PART NUMBER	ROWS	SIGNAL						POWER							
		6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	PI	
6450162-2	D C B A	H	H	H	H	H	H	RA	RA	RA	RA	RA	RA	RA	
		G	G	G	G	G	G								
		F	F	F	F	F	F								
7P + 24S		HD												HD	



PART NUMBER	ROWS	SIGNAL				POWER							
		4	3	2	1	P4	P3	P2	PI				
6450162-5	D C B A	H	H	H	H	RA	RA	RA	RA				
		G	G	G	G								
		F	F	F	F								
4P + 16S		HD										HD	



CODE	DESCRIPTION	ROW
RN	STD POWER-.090 TAIL	-
RM	STD POWER-.135 TAIL	-
RB	MFBL POWER-.090 TAIL	-
RA	MFBL POWER-.135 TAIL	-
L	.090 TAIL LENGTH SIGNAL	D
K	.090 TAIL LENGTH SIGNAL	C
J	.090 TAIL LENGTH SIGNAL	B
I	.090 TAIL LENGTH SIGNAL	A
H	.135 TAIL LENGTH SIGNAL	D
G	.135 TAIL LENGTH SIGNAL	C
F	.135 TAIL LENGTH SIGNAL	B
E	.135 TAIL LENGTH SIGNAL	A

CONTACT TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI	21FE05
0 PLC ±.01	1 PLC ±.01	CHK: M. PERCHERKE	21FE05
2 PLC ±.01	3 PLC ±.01	APVD: M. PERCHERKE	
4 PLC ±.005	5 PLC ±.005	NAME: M. PERCHERKE	
ANGLES ±.002		PRODUCT SPEC: 108-1973	
		APPLICATION SPEC: 114-13038	
MATERIAL: -	FINISH: -	WEIGHT: -	RESTRICTED TO: -
Customer Drawing		SCALE: 1:1	SHEET 2 OF 5

**STE** TE Connectivity

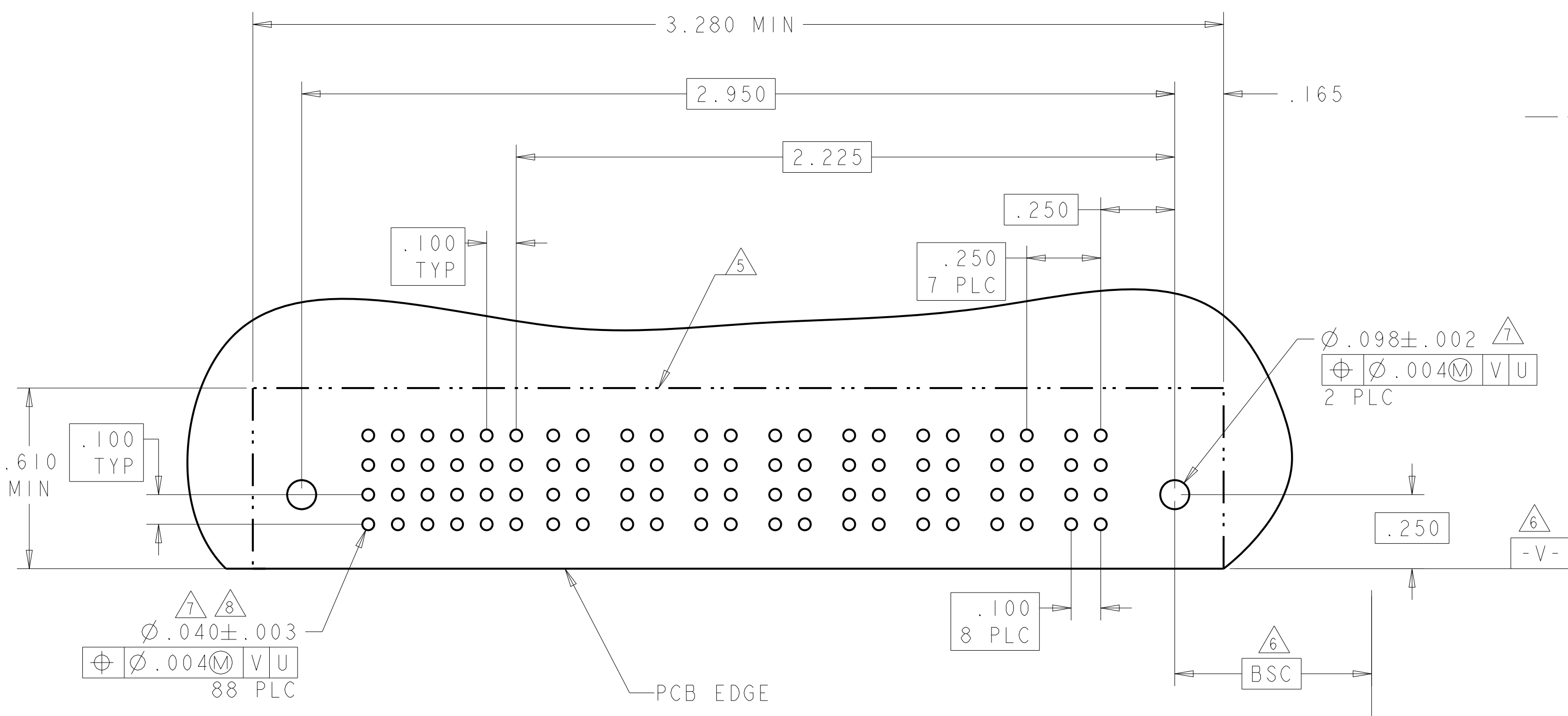
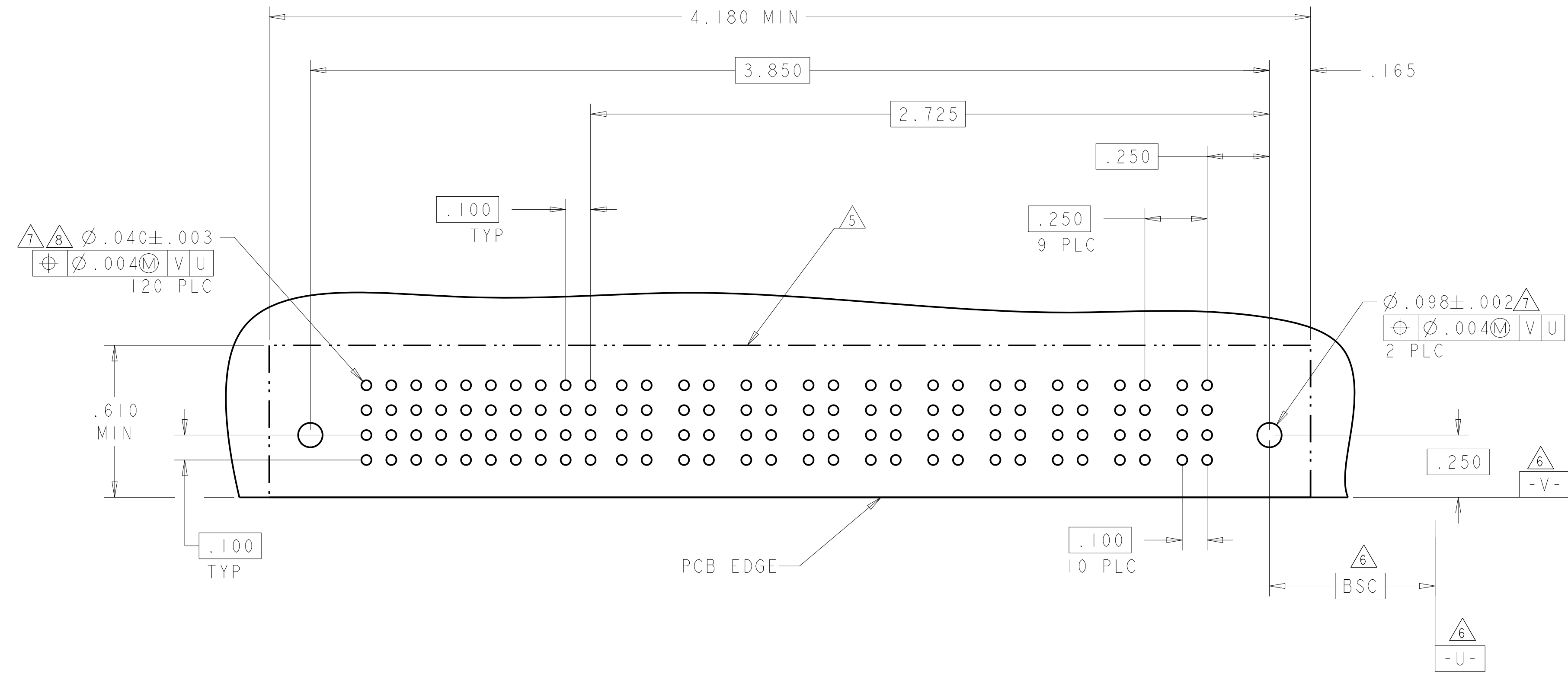
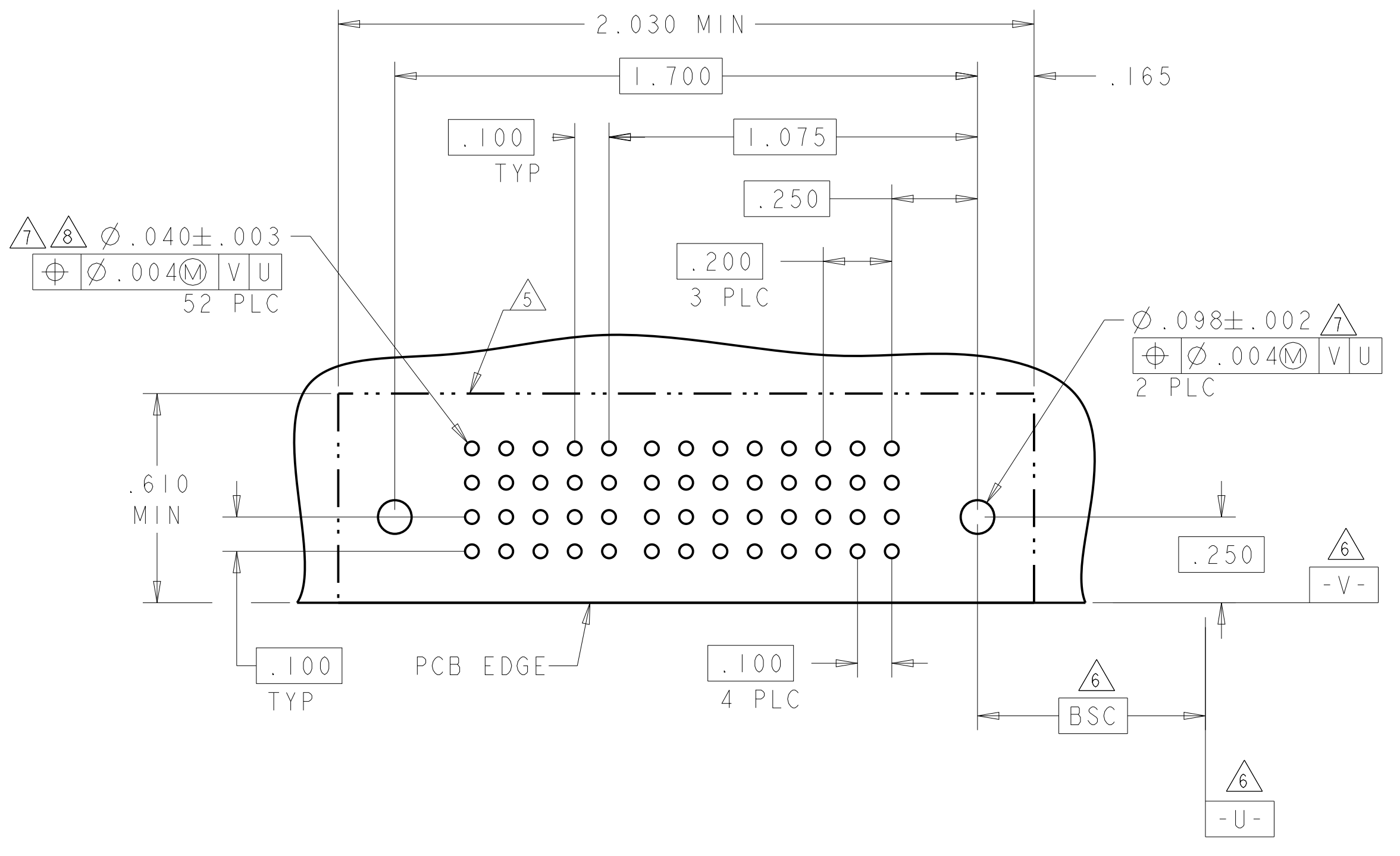
RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

A100779 ©=6450162

LOC	DIST	REV	DATE	APPV
ES	00			

PART NUMBER	ROWS	SIGNAL					POWER				
		5	4	3	2	1	P4	P3	P2	P1	
6450162-7	DCBA	H	H	H	H	H	RA	RA	RA	RA	
		G	G	G	G	G					
		F	F	F	F	F					
		E	E	E	E	E					
4P + 20S		HD								HD	

PART NUMBER	ROWS	SIGNAL										POWER											
		10	9	8	7	6	5	4	3	2	1	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1		
6450162-8	DCBA	L	L	L	L	L	L	L	L	L	L	RN	RN	RN	RN	RN	RN	RN	RN	RN	RN		
		K	K	K	K	K	K	K	K	K	K												
		J	J	J	J	J	J	J	J	J	J												
		I	I	I	I	I	I	I	I	I	I												
10P + 40S		HD																				HD	



PART NUMBER	ROWS	SIGNAL					POWER								
		6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1
6450162-9	DCBA	H	H	H	H	H	RM	RM	RM	RM	RM	RM	RM	RM	RM
		G	G	G	G	G									
		F	F	F	F	F									
		E	E	E	E	E									
8P + 24S		HD												HD	

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI 21FEB05  
 CHK: M. PERCHERKE 21FEB05  
 APVD: M. PERCHERKE

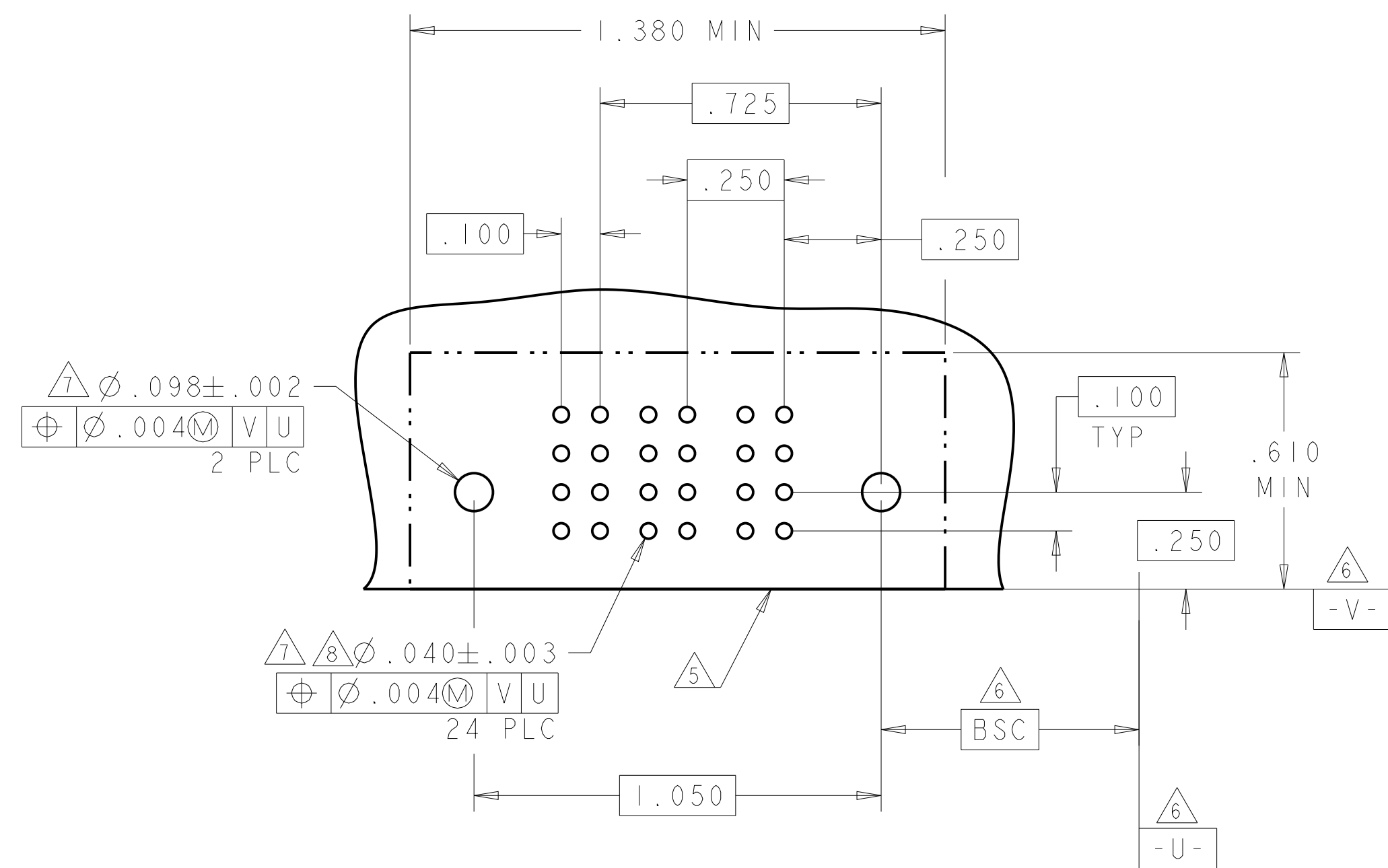
TE Connectivity

RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

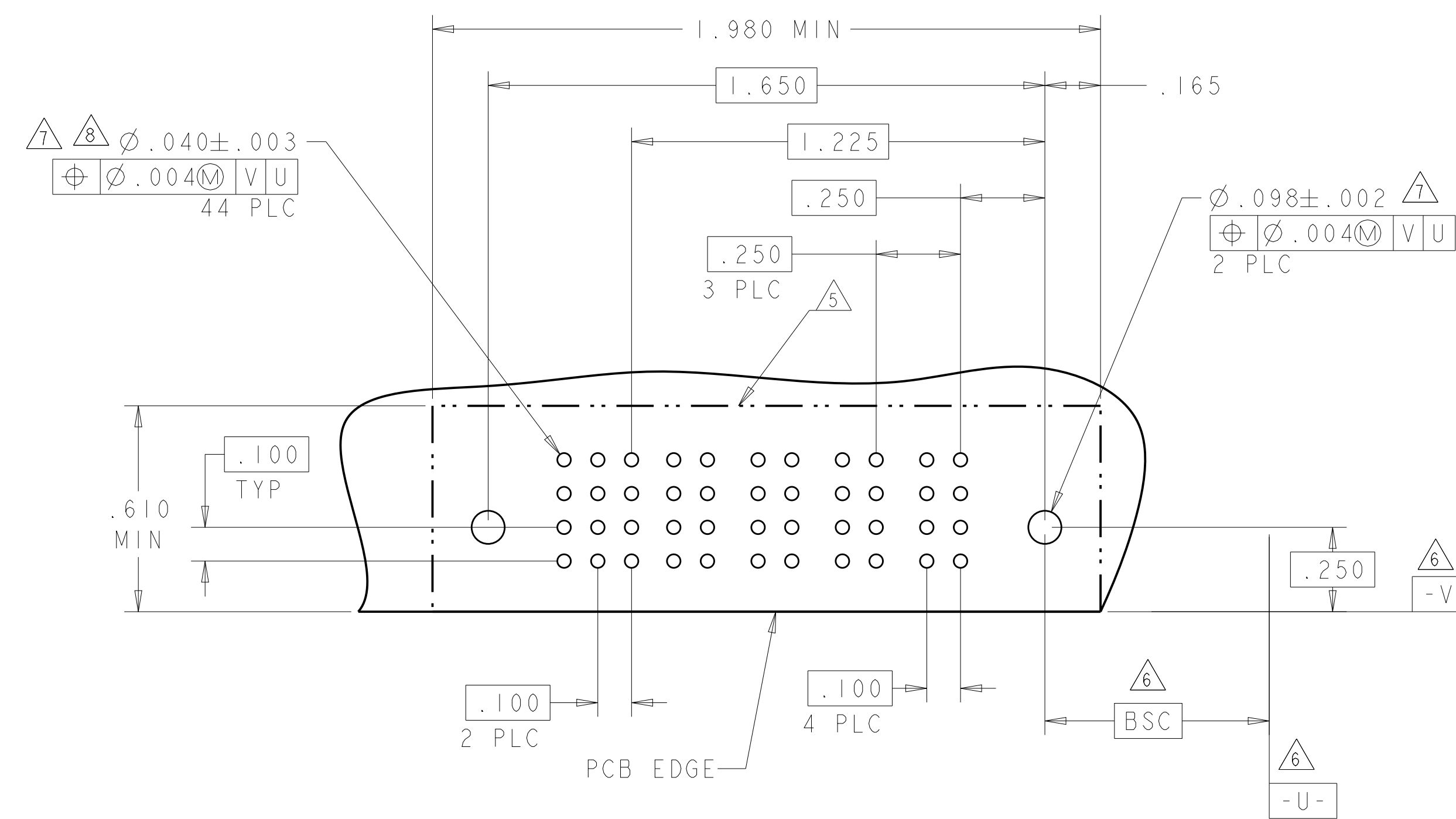
SCALE: 4:1 SHEET 3 OF 5 REV: E9

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

PART NUMBER	ROWS	SIGNAL		POWER	
		2	1	P1	P2
I-6450162-1	D C B A	H	H	RM	RM
		G	G		
		F	F		
		E	E		
2P + 8S					



PART NUMBER	ROWS	SIGNAL			POWER			
		3	2	1	P4	P3	P2	P1
I-6450162-2	D C B A	H	H	H	RM	RM	RM	RM
		G	G	G				
		F	F	F				
		E	E	E				
4P + 12S								

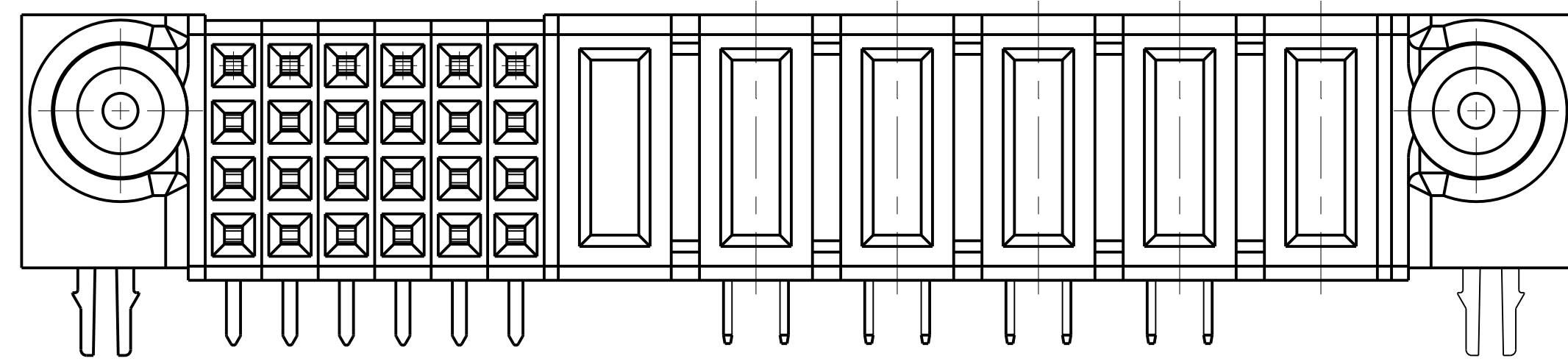


DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL:		FINISH:	
INCHES	0 PLC	±					
	1 PLC	±	.01				
	2 PLC	±	.05				
	3 PLC	±	.0020				
	4 PLC	±	.0020				
	ANGLES	±	°				

THIS DRAWING IS A CONTROLLED DOCUMENT.	OWN: R. GRZYBOWSKI	ZIFB05
	CHK: M. PERCHERKE	ZIFB05
	APVD: M. PERCHERKE	
	NAME:	
	PRODUCT SPEC:	
	APPLICATION SPEC:	
	SIZE:	
	CAGE CODE:	
	DRAWING NO:	
	WEIGHT:	
	Customer Drawing	

TE Connectivity	
RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
A100779	C=6450162
SCALE 4:1	SHEET 4 OF 5
REV E	9

PART NUMBER	ROWS	SIGNAL						POWER			
		6	5	4	3	2	1	P4	P3	P2	P1
I-6450162-4	D C B A	H	H	H	H	H	H	RM	RM	RM	RM
		G	G	G	G	G	G				
		F	F	F	F	F	F				
		E	E	E	E	E	E				
4P + 24S											

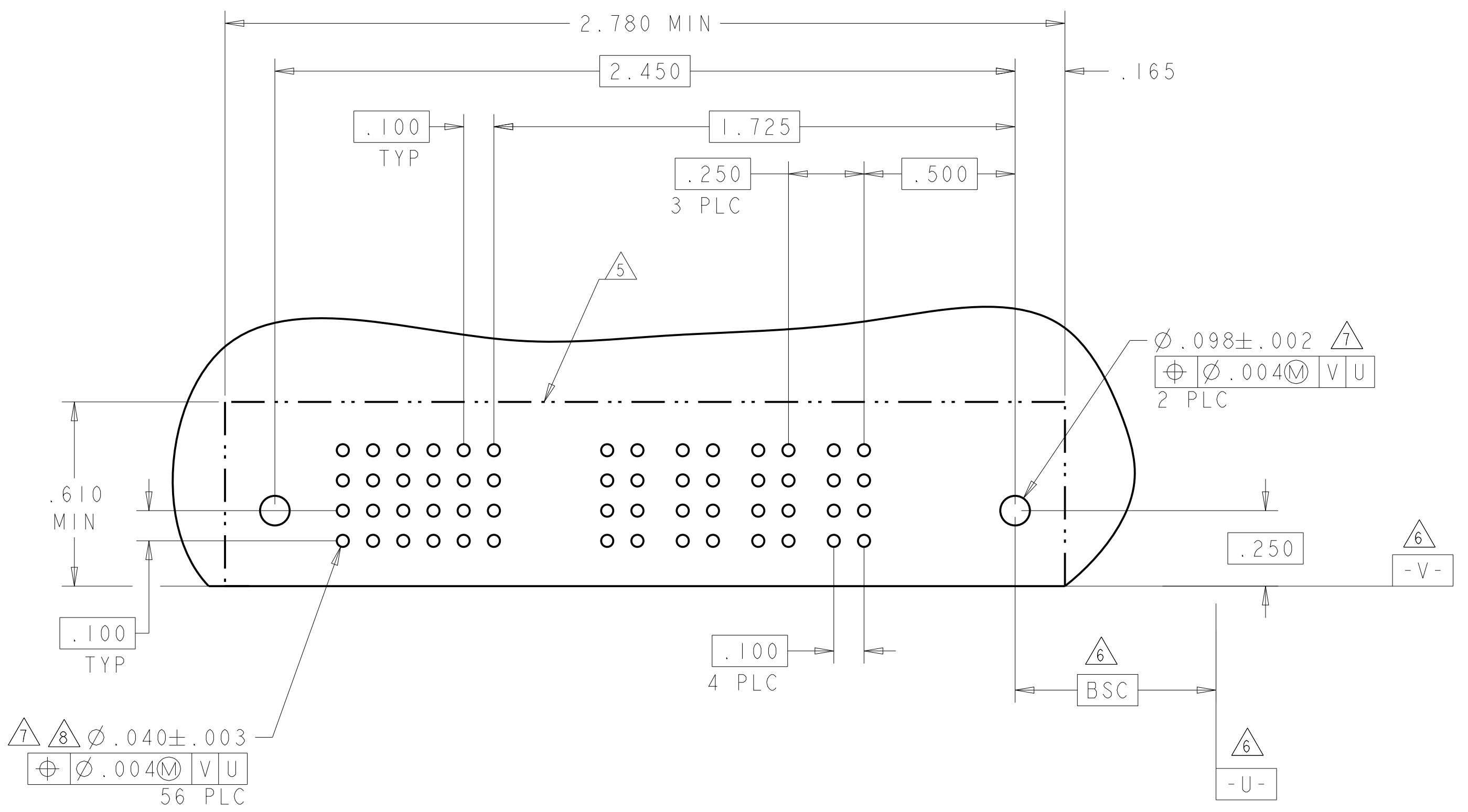
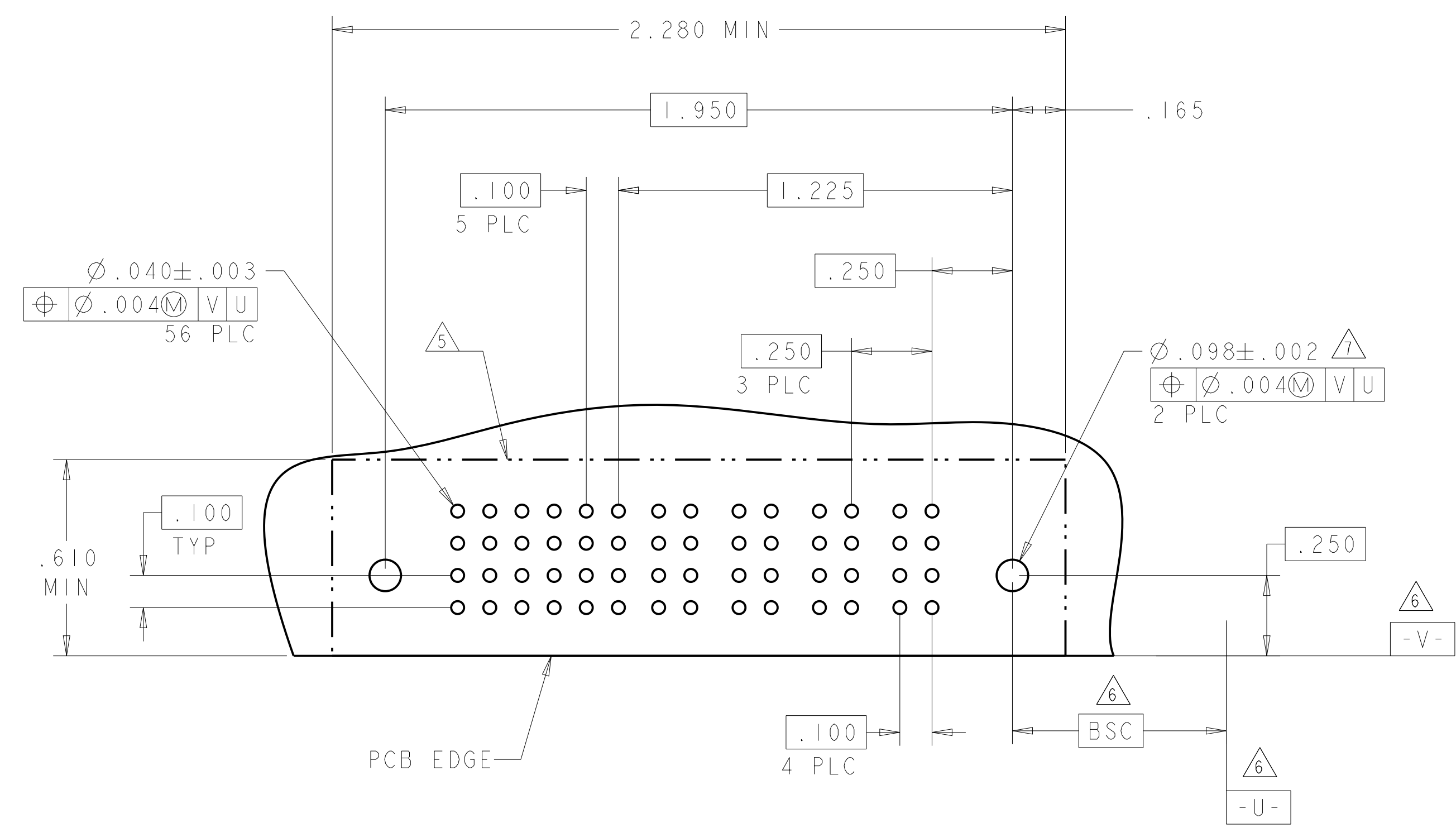


PART NUMBER	ROWS	SIGNAL						POWER					
		6	5	4	3	2	1	P6	P5	P4	P3	P2	P1
I-6450162-5	D C B A	H	H	H	H	H	H	RM	RM	RM	RM	RM	RM
		G	G	G	G	G	G						
		F	F	F	F	F	F						
		E	E	E	E	E	E						
6P + 24S													

NO CONTACTS LOADED

PART NUMBER	ROWS	SIGNAL						POWER					
		6	5	4	3	2	1	P6	P5	P4	P3	P2	P1
I-6450162-6	D C B A	L	L	L	L	L	L	RN	RN	RN	RN	RN	RN
		K	K	K	K	K	K						
		J	J	J	J	J	J						
		I	I	I	I	I	I						
6P + 24S													

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 21FEB05	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC ±.01	1 PLC ±.01	PRODUCT SPEC: 108-1973	SIZE: 114-13038
2 PLC ±.01	3 PLC ±.01	APPLICATION SPEC: 114-13038	WEIGHT: -
4 PLC ±.005	5 PLC ±.005	FINISH: -	Customer Drawing
6 PLC ±.002	ANGLES ±.020		SCALE: 4:1
MATERIAL: -			SHEET: 5 OF 5
FINISH: -			REV: E 9



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.