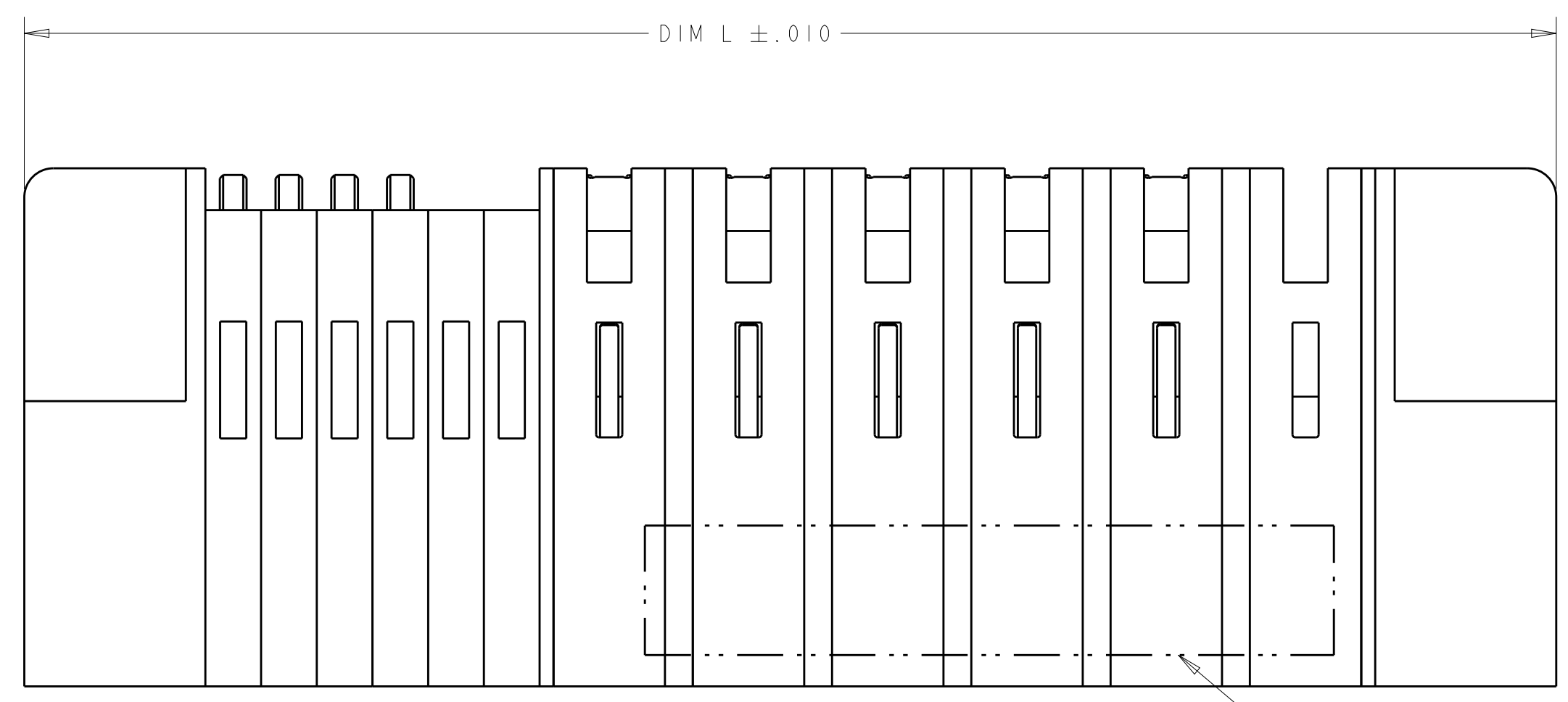
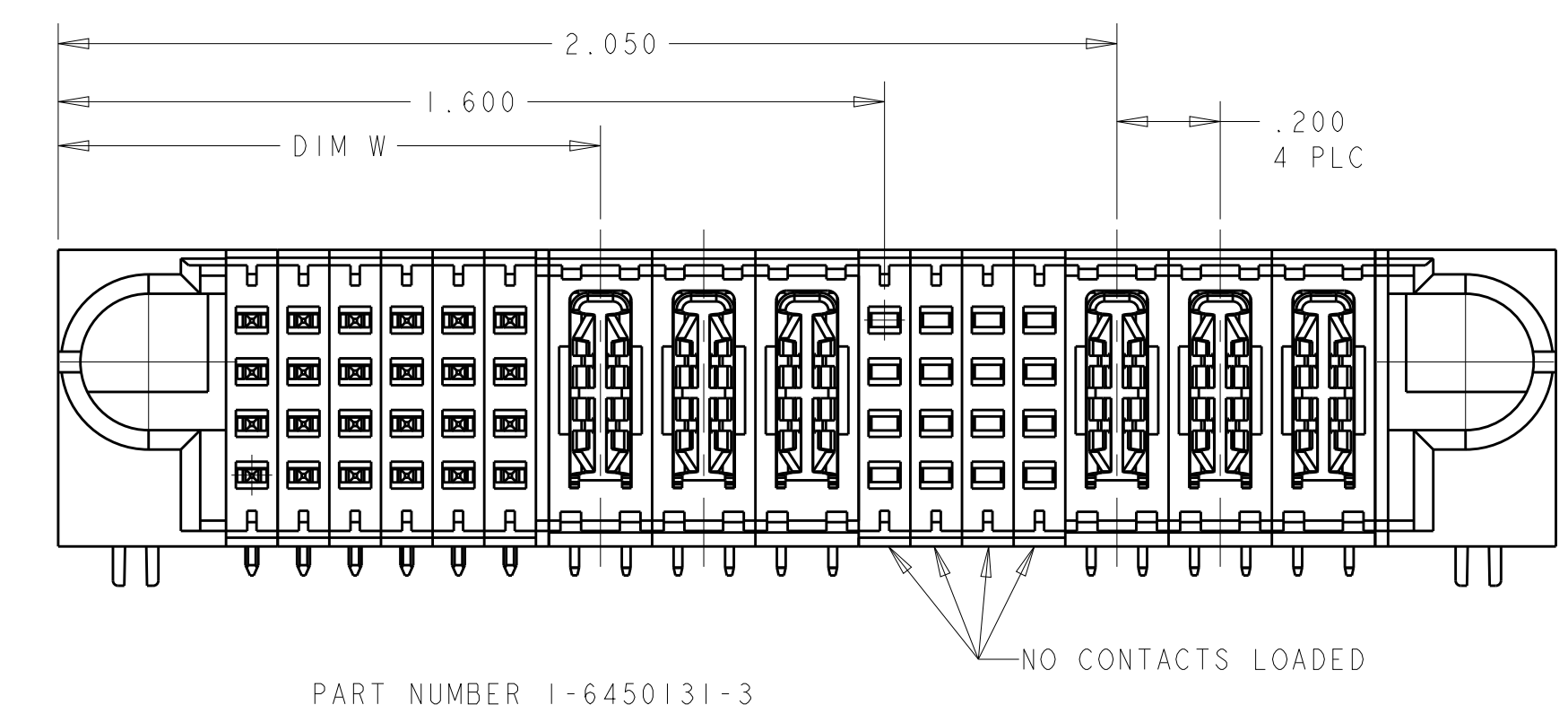
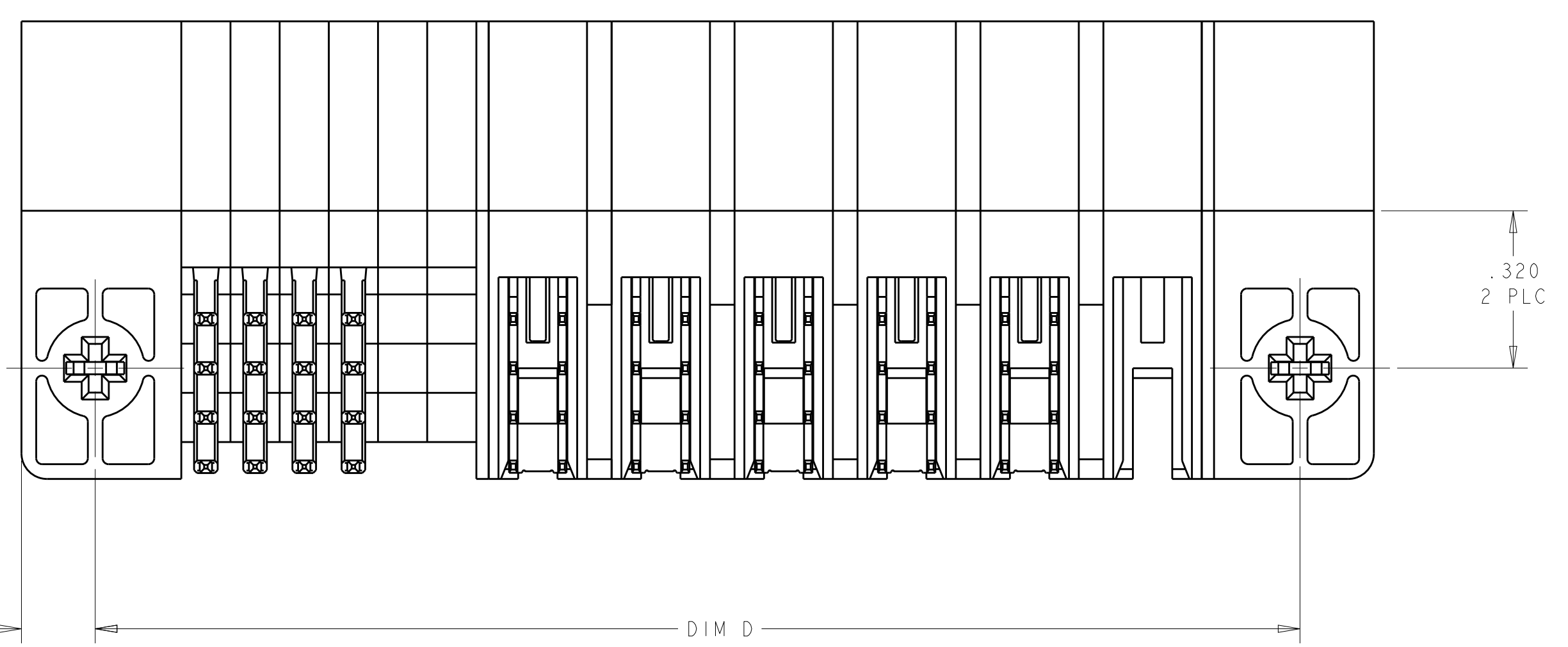
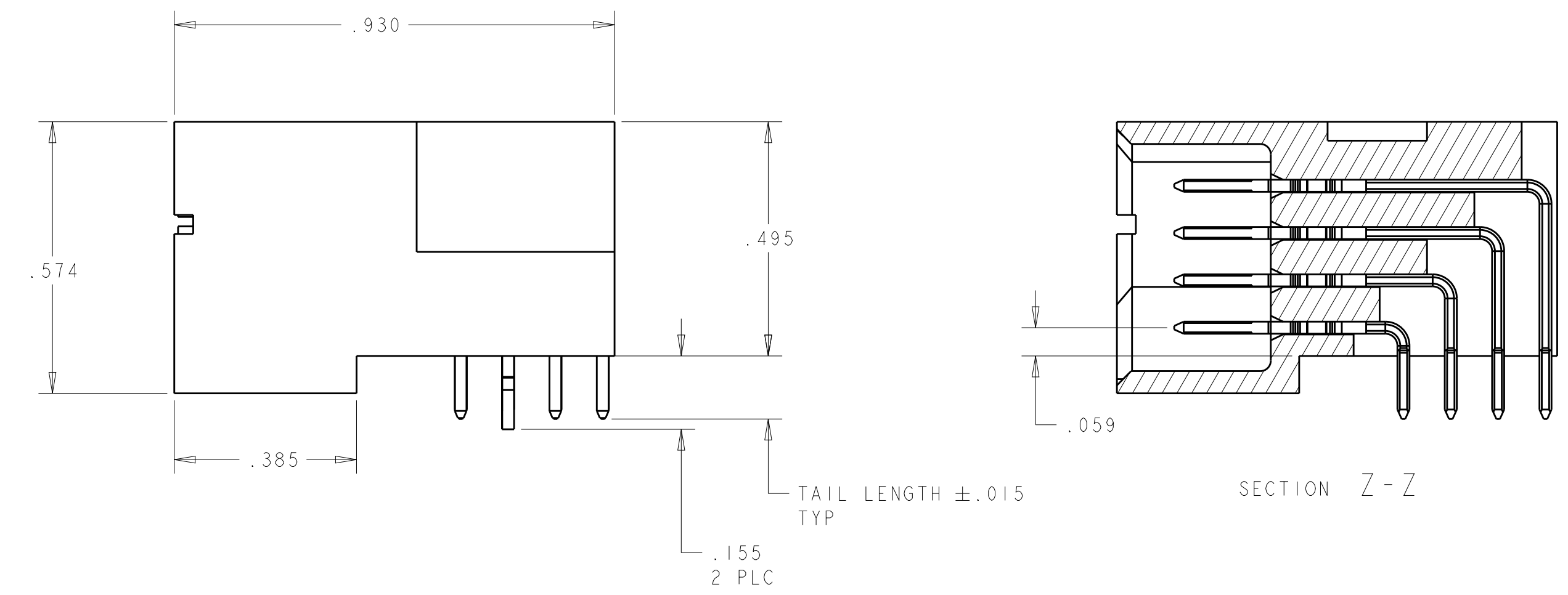
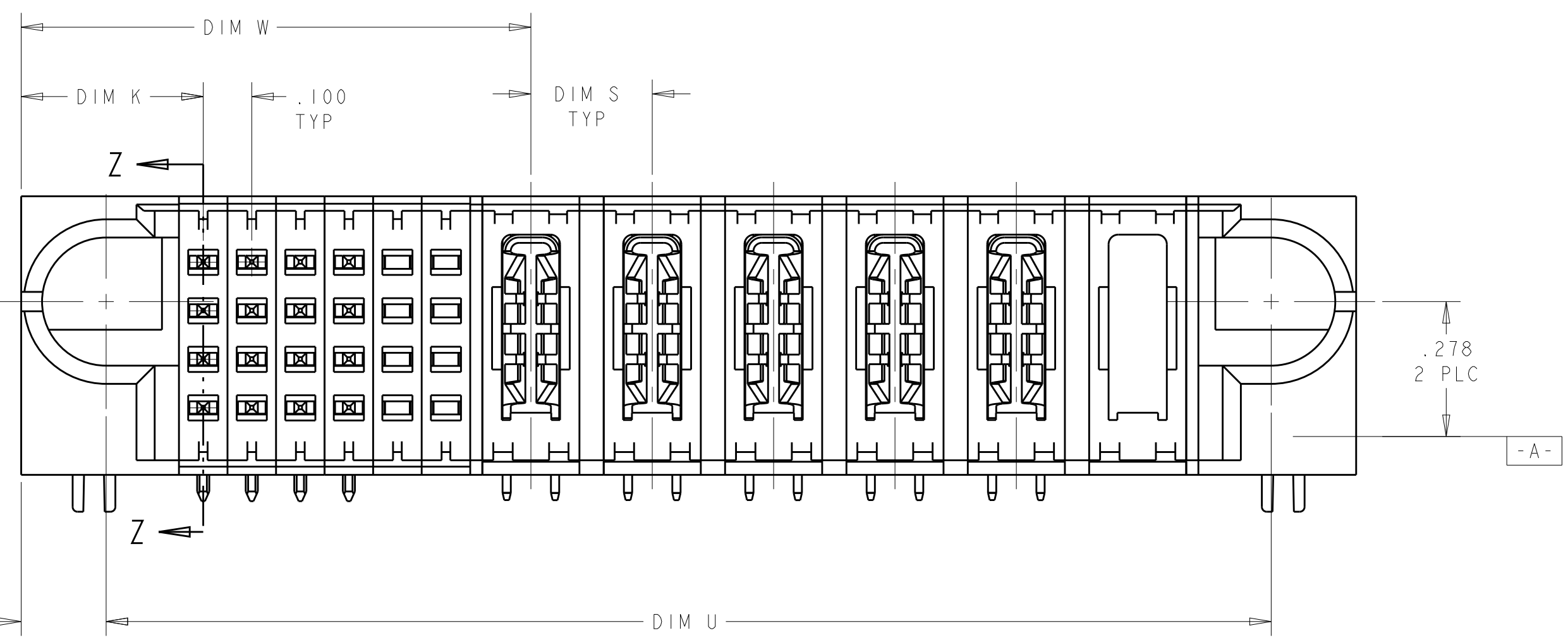


LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD		
E8		REV PER ECR-12-021802	04JAN2013	ML	SZ		
E9		ADD NEW DASH NUMBER 2-3	21MAY2013	CZ	SZ		



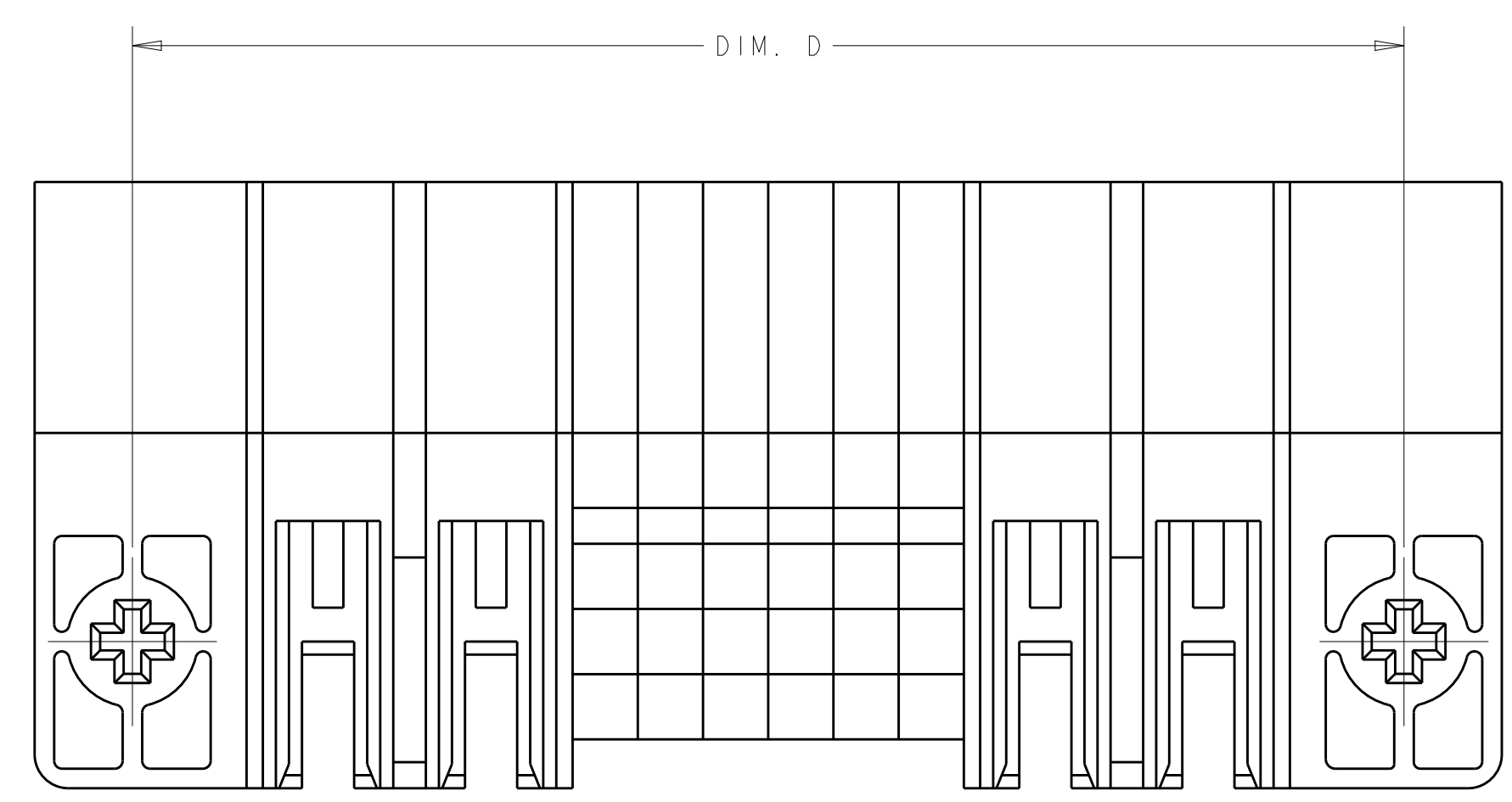
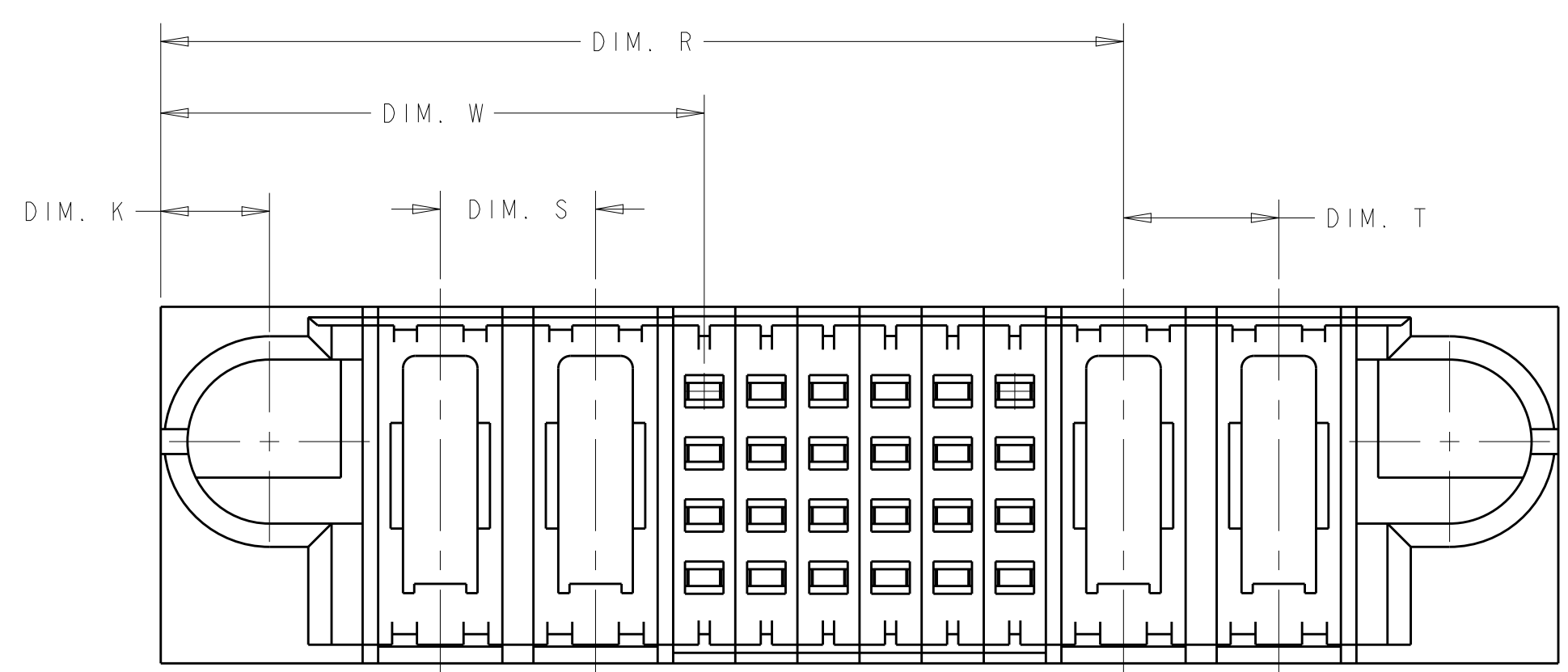
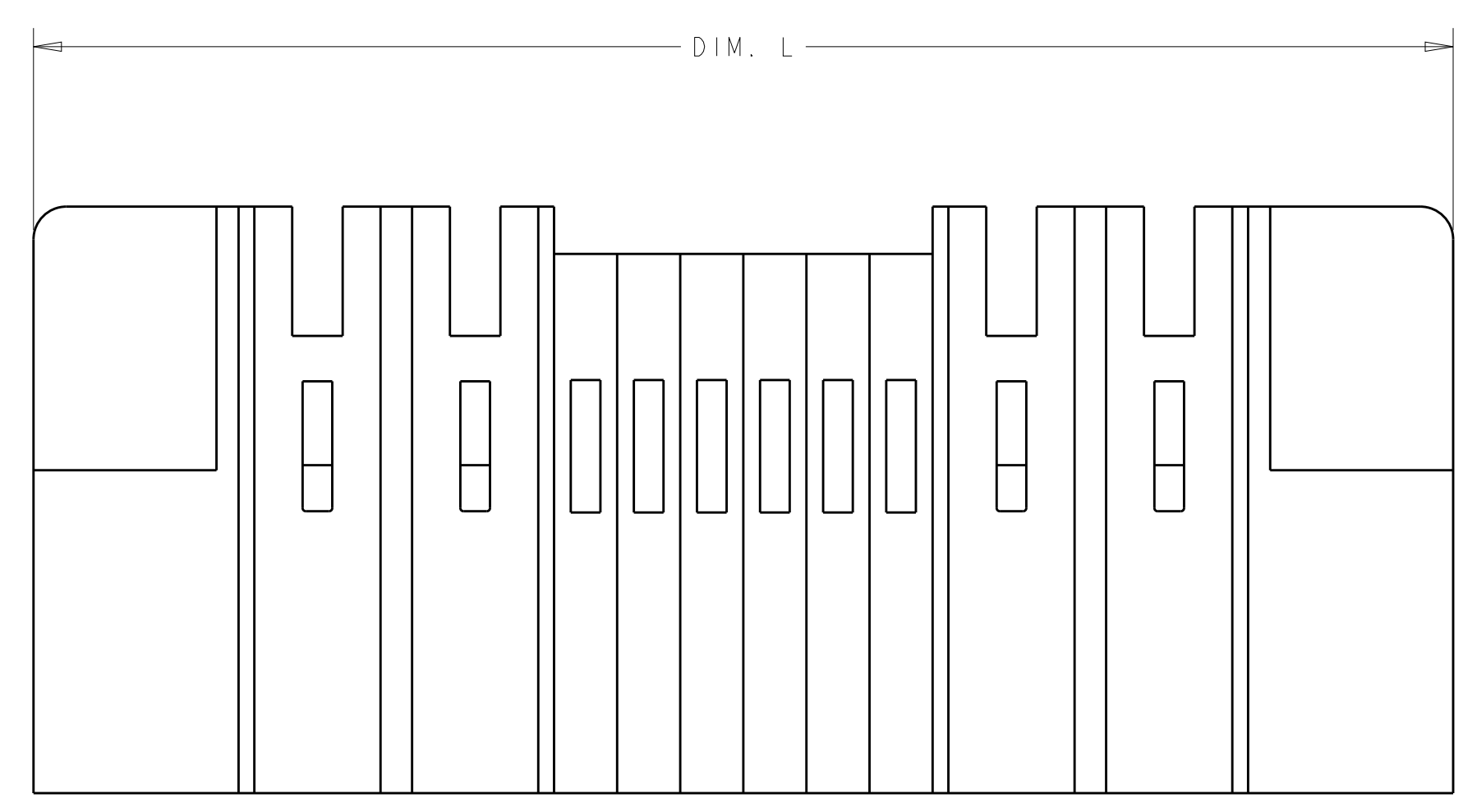
- ⚠ "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- ⚠ MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
 SIGNAL CONTACT - COPPER ALLOY
 POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- ⚠ CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER CONTACTS 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



PART NUMBER 1-6450131-3

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN R. GRZYBOWSKI 15FEB05	TE Connectivity
DIMENSIONS: INCHES		CHK M. PERCHERKE 15FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE	NAME
0 PLC ±.	1 PLC ±.01	PRODUCT SPEC	RIGHT ANGLE HEADER ASSY
2 PLC ±.005	3 PLC ±.005	APPLICATION SPEC	SOLDER CONTACTS, W/GUIDES
4 PLC ±.0020	ANGLES ±.2°	SIZE	MULTI-BEAM XL
MATERIAL	FINISH	114-13038	RESTRICTED TO
		WEIGHT	A100779C=6450131
		CUSTOMER DRAWING	SCALE 1:1 SHEET 1 of 9 REV E9

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



PART 2-6450131-1
(NO CONTACT VIEW)

DIM R	DIM T	DIM U	DIM S	DIM K	DIM D	DIM W	DIM L	DESCRIPTION	PART NUMBER
-	-	4.650	.250	.400	4.700	1.800	5.000	52S + 12P	2-6450131-3
-	-	1.700	.250	.375	1.750	.850	2.050	16S + 4P	2-6450131-2
1.550	.250	1.900	.250	.450	1.950	.875	2.250	24S	2-6450131-1
		1.600	.250	.375	1.650	.750	1.950	12S + 4P	1-6450131-9
		3.650	.250	.400	3.700	1.300	4.000	32S + 10P	1-6450131-8
		2.950	.200	.375	3.000	1.050	3.300	24S + 10HDP	1-6450131-7
		2.400	.250	.375	2.450	1.050	2.750	24S + 6P	1-6450131-6
		2.450	.200	.375	2.500	.950	2.800	20S + 8P	1-6450131-5
		2.400	.250	.375	2.450	1.050	2.750	24S + 6P	1-6450131-4
		2.550	.200	.375	2.600	1.050	2.900	24S + 3P + 16S + 3P	1-6450131-3
		2.500	.250	.425	2.550	.875	2.850	12S + 7P	1-6450131-1
		2.400	.250	.375	2.450	1.050	2.750	24S + 6P	6450131-7
		2.700	.300	.375	2.750	.775	3.050	12S + 7ACP	6450131-6
		2.400	.250	.375	2.450	1.050	2.750	24S + 6P	6450131-5
		4.400	.250	.375	4.450	1.050	4.750	24S + 14P	6450131-4
		1.950	.250	.375	2.000	.850	2.300	16S + 5P	6450131-3

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	±.0020
ANGLES	±.020
FINISH	±.020

MATERIAL: - FINISH: -

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: R. GRZYBOWSKI 15FEB05 CHK: M. PERCHERKE 15FEB05 APVD: M. PERCHERKE NAME: -

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

CUSTOMER DRAWING

SCALE: 1:1 SHEET 2 OF 9 REV: E9

TE Connectivity

RIGHT ANGLE HEADER ASSY
SOLDER CONTACTS, W/GUIDES
MULTI-BEAM XL

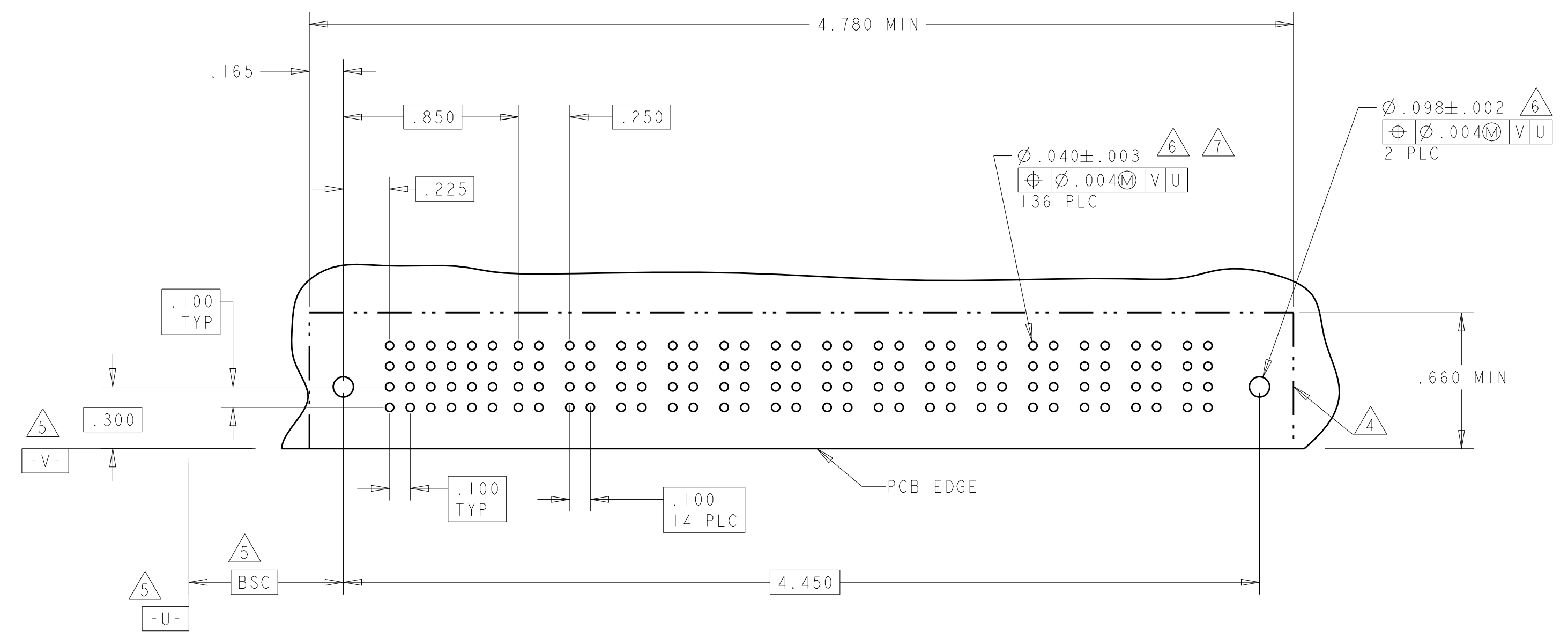
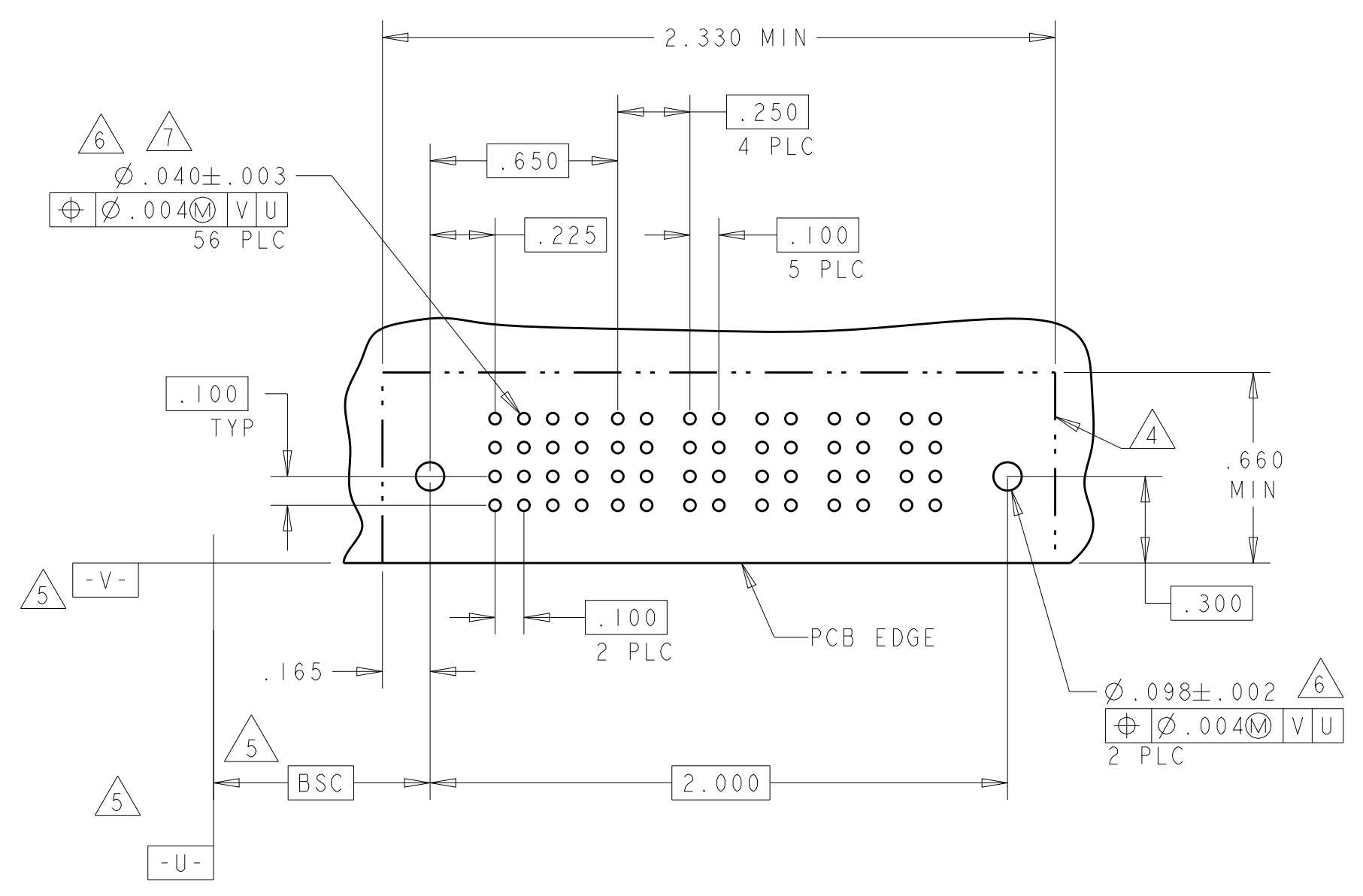
SIZE: A1 CAGE CODE: 6450131 DRAWING NO: 100779

LOC	DIST	REV	DATE	BY	APPD
ES	00				

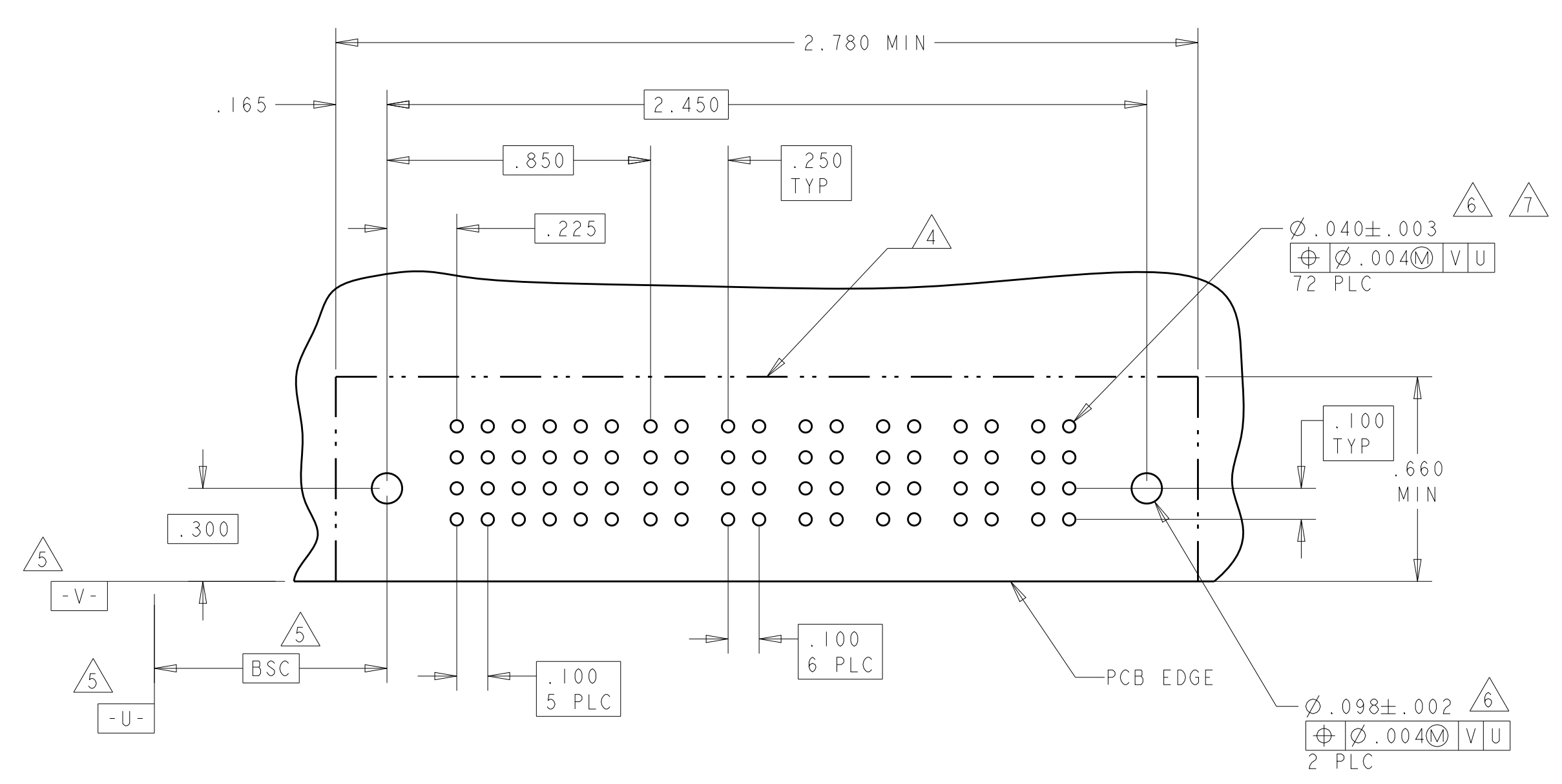
REVISIONS			
REV	DATE	BY	APPD
-	-	-	-
SEE SHEET 1			

PART NUMBER	ROWS	SIGNAL				POWER					
		1	2	3	4	P1	P2	P3	P4	P5	
6450131-3	D	J	J	J	J	PM	PM	PM	PM	PM	
	C	K	K	K	K						
	B	N	N	N	N						
	A	S	S	S	H						
16S + 5P		HD									

PART NUMBER	ROWS	SIGNAL						POWER														
		1	2	3	4	5	6	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	
6450131-4	D	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
	C	K	K	K	K	K	K															
	B	N	N	N	N	N	N															
	A	S	S	H	H	S	S															
24S + 14P		HD																				



PART NUMBER	ROWS	SIGNAL						POWER					
		1	2	3	4	5	6	P1	P2	P3	P4	P5	P6
6450131-5	D	J	J	J	J	J	E	PM	PM	PM	PM	PM	PM
	C	K	K	K	K	K	K						
	B	N	N	N	N	N	N						
	A	H	S	S	S	S	S						
24S + 6P		HD											



Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
A4	MLBF	.090	D
A3	MLBF	.090	C
A2	MLBF	.090	B
A1	MLBF	.090	A
E	MLBF	.135	D
F	MLBF	.135	C
G	MLBF	.135	B
H	MLBF	.135	A
FJ	MFLB	.135	D
J	STD	.135	D
K	STD	.135	C
N	STD	.135	B
S	STD	.135	A

CODE	TAIL LENGTH
PA	.090
PM	.135

CODE	MATING SEQUENCE	TAIL LENGTH	ROW
POWER CONTACT			
SIGNAL CONTACT			

PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	
SIGNAL CONTACT	

THIS DRAWING IS A CONTROLLED DOCUMENT. DWG: R. GRZYBOWSKI / 15FEB05, CHK: M. PERCHERKE / 15FEB05, APVD: M. PERCHERKE

DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±, 1 PLC ±.01, 2 PLC ±.01, 3 PLC ±.005, 4 PLC ±.002, ANGLES ±.020

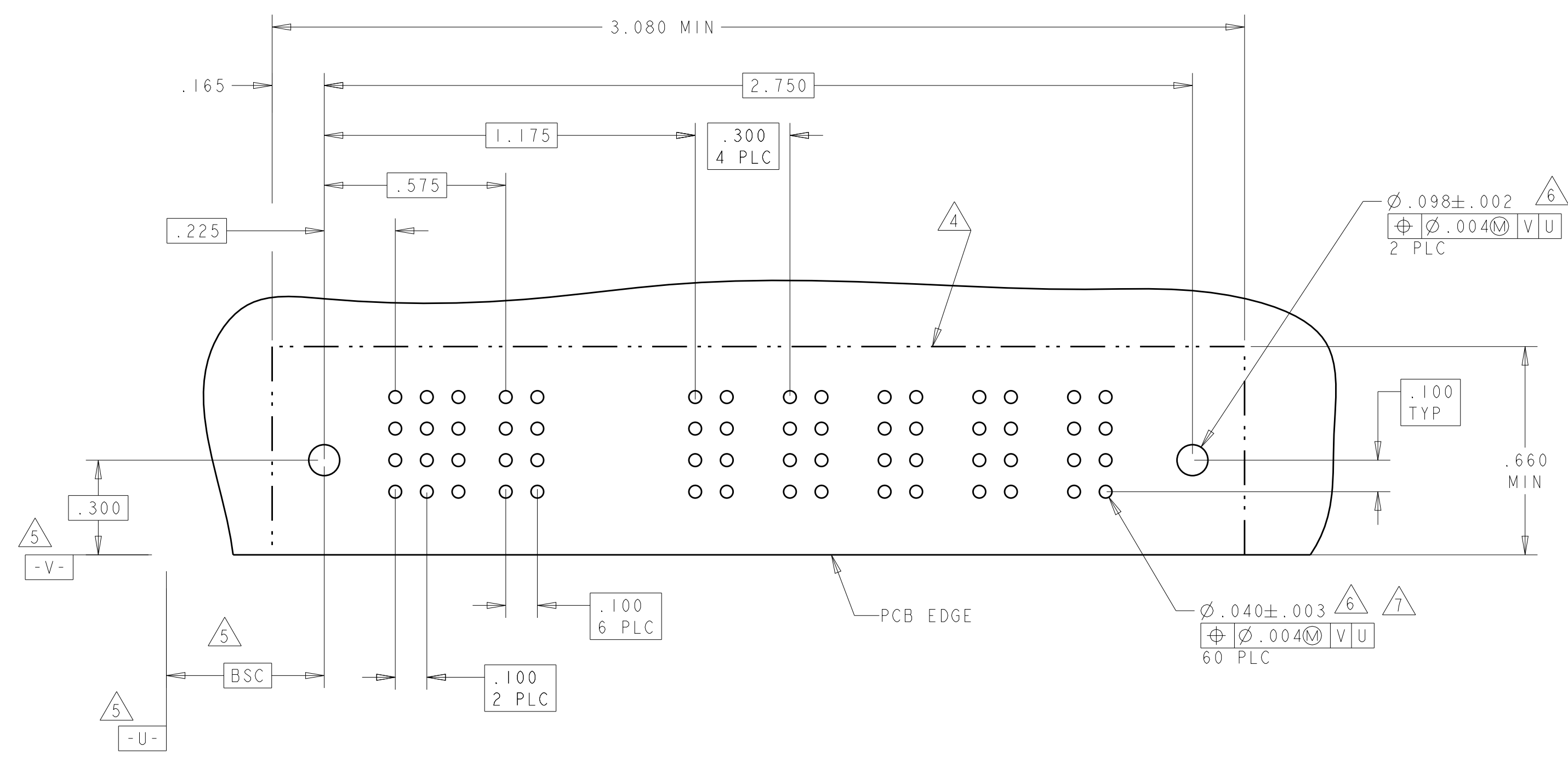
MATERIAL: FINISH: WEIGHT: CUSTOMER DRAWING

NAME: RIGHT ANGLE HEADER ASSY SOLDER CONTACTS, W/GUIDES MULTI-BEAM XL. PRODUCT SPEC: 108-1973. APPLICATION SPEC: 114-13038. SIZE: A1. CAGE CODE: 6450131. DRAWING NO: 100779. SCALE: 1:1. SHEET 3 OF 9. REV: E9.

PART NUMBER	ROWS	SIGNAL			POWER						
		1	2	3	P1	P2	P3	P4	P5	P6	P7
6450131-6	D C B A	Z	Z	Z	PA		PA	PA	PA	PA	PA
		Y	Y	Y							
		R	R	R							
		A	O	O							

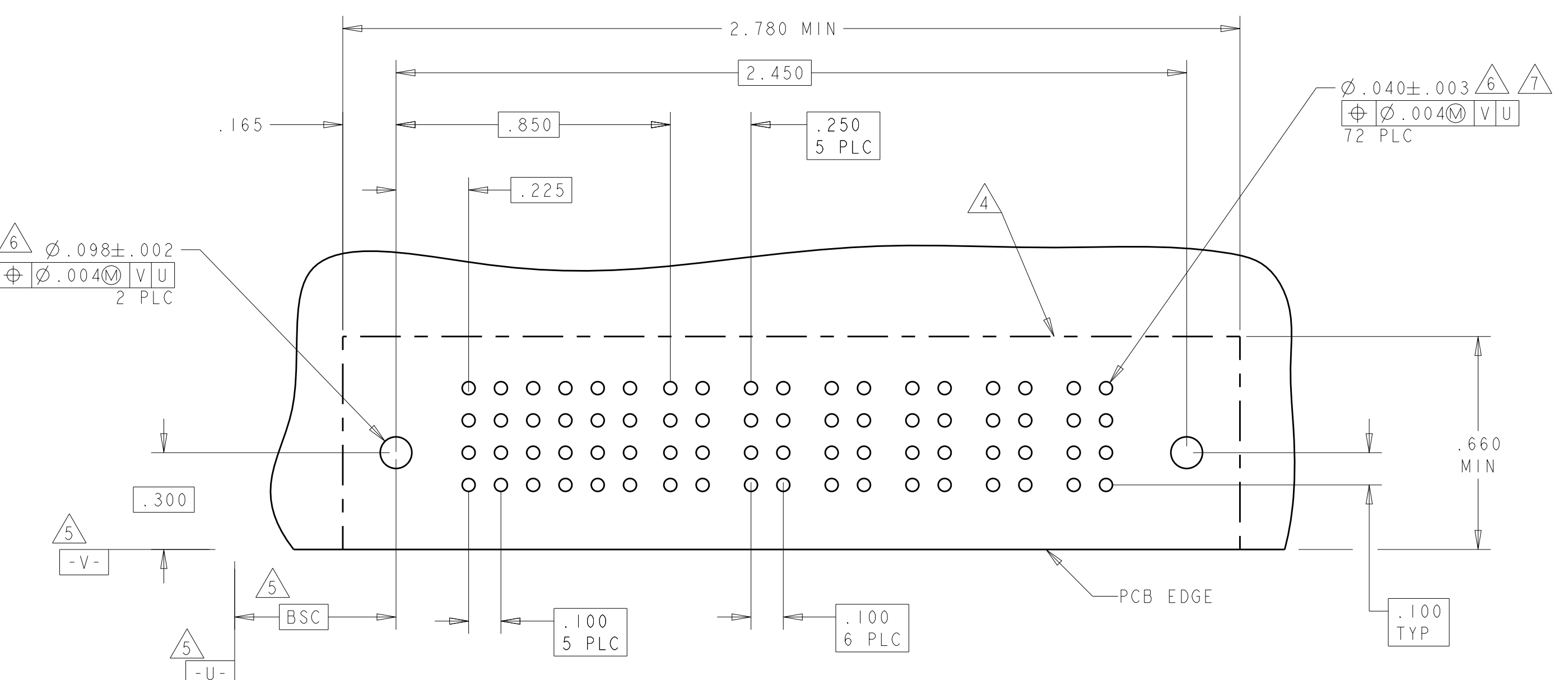
12S + 7ACP

NO POWER CONTACT LOADED IN THIS CAVITY



PART NUMBER	ROWS	SIGNAL						POWER					
		1	2	3	4	5	6	P1	P2	P3	P4	P5	P6
6450131-7	D C B A	E	E	J	J	J	E	PM	PM	PM	PM	PM	PM
		F	F	K	K	K	K						
		G	G	N	N	N	N						
		H	H	S	S	S	S						

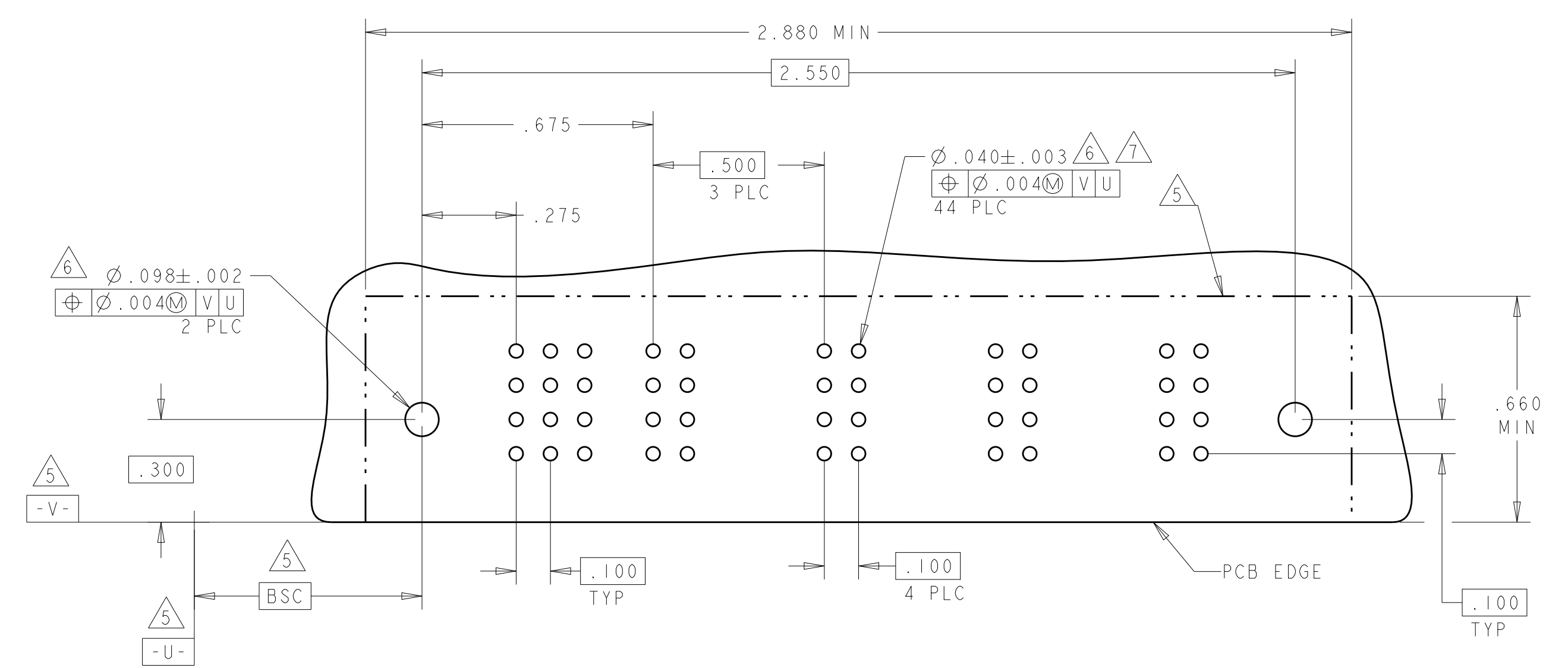
24S + 6P



PART NUMBER	ROWS	SIGNAL			POWER						
		1	2	3	P1	P2	P3	P4	P5	P6	P7
1-6450131-1	D C B A	J	J	J	PM		PM	PM	PM	PM	PM
		K	K	K							
		N	N	N							
		S	S	S							

12S + 7P

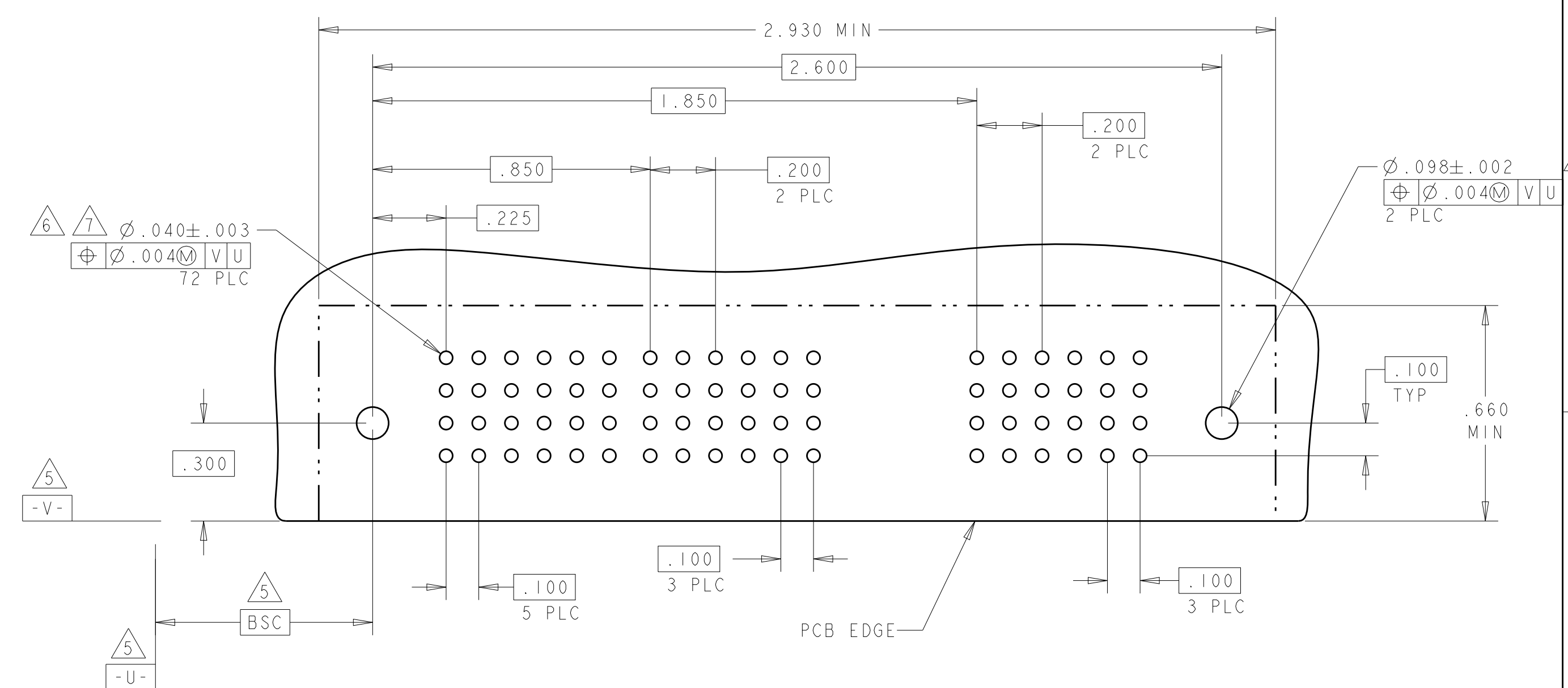
NO CONTACTS LOADED



PART NUMBER	ROWS	SIGNAL						POWER			SIGNAL			POWER			
		1	2	3	4	5	6	P1	P2	P3	7	8	9	10	P4	P5	P6
1-6450131-3	D C B A	J	J	J	J	J	E	PM	PM	PM					PM	PM	PM
		K	K	K	K	K	K										
		N	N	N	N	N	N										
		H	S	S	S	S	S										

24S + 3P + 16S + 3P

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.

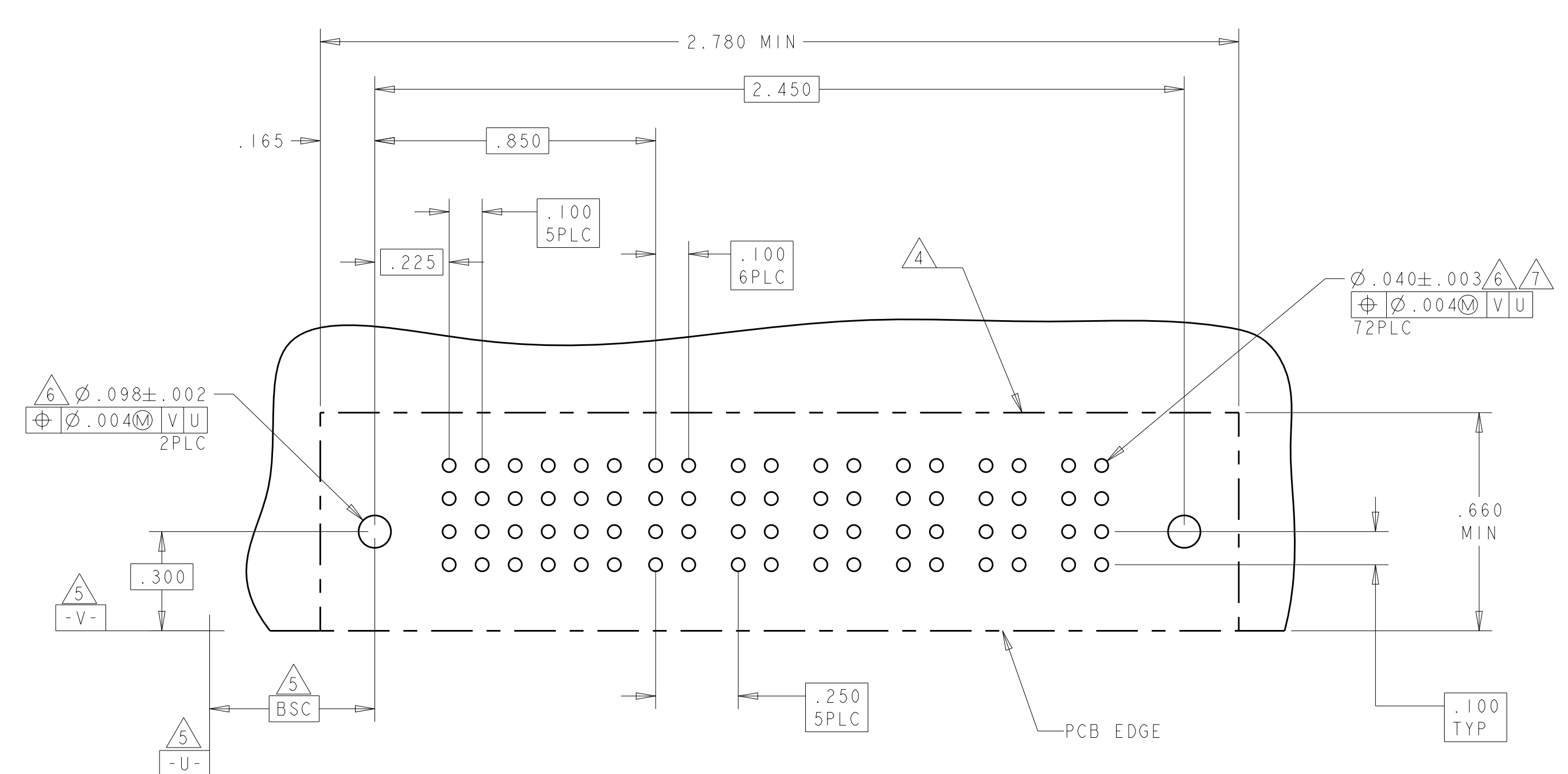
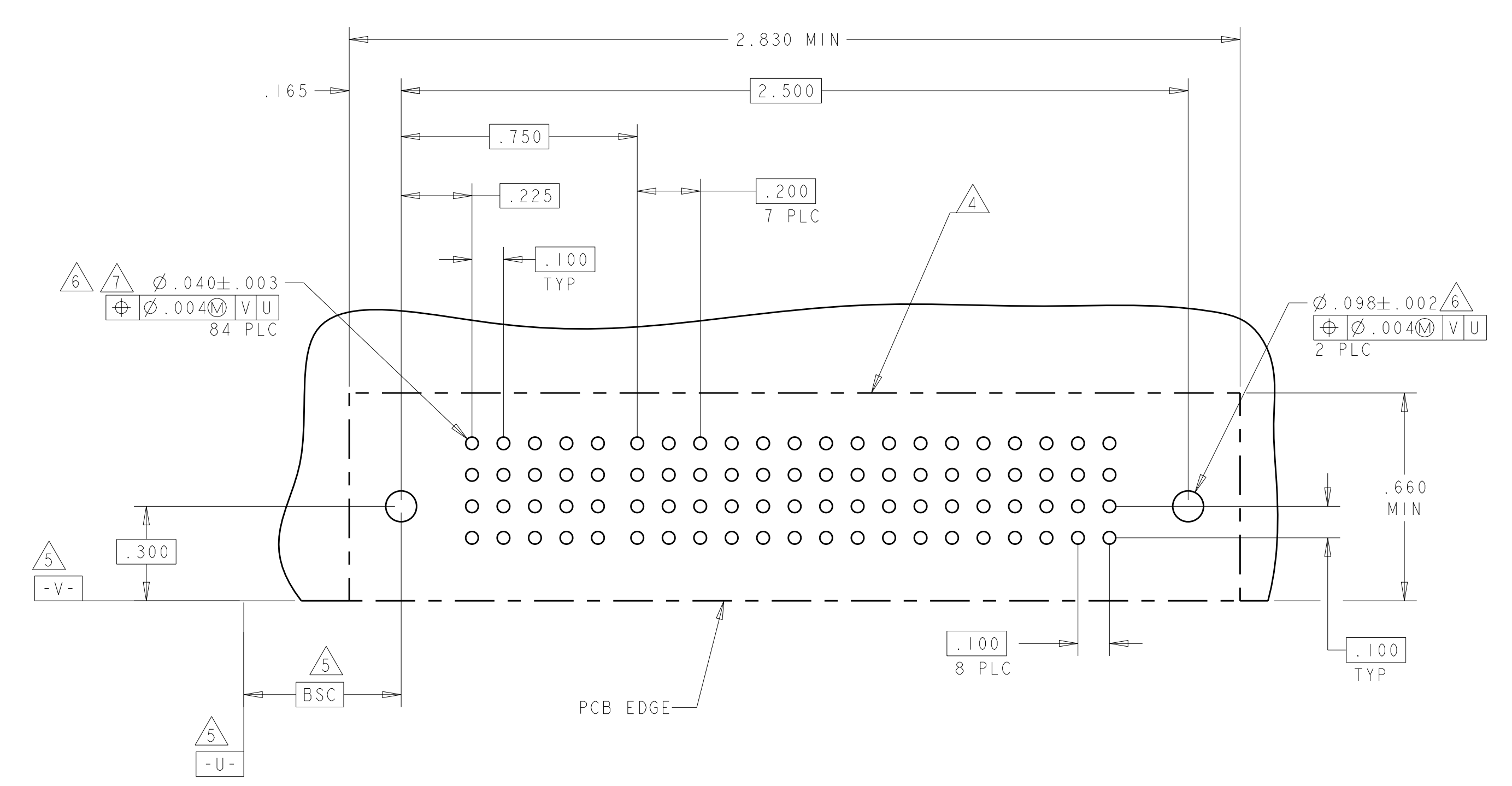
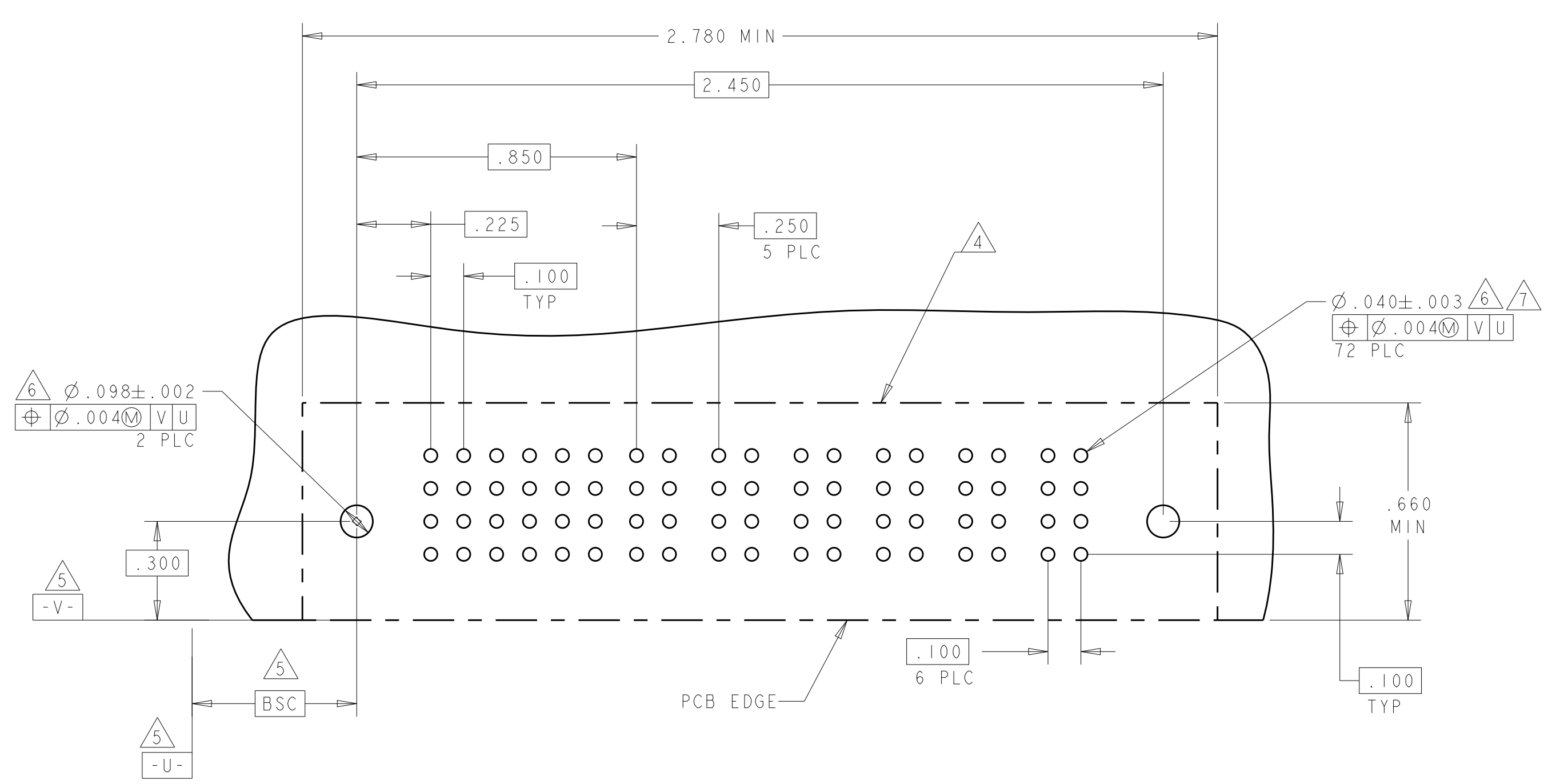
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN R. GRZYBOWSKI 15FEB05	CHK M. PERCHERKE 15FEB05
INCHES	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002	APVD M. PERCHERKE	NAME
MATERIAL	FINISH	PRODUCT SPEC	108-1973
		APPLICATION SPEC	114-13038
		WEIGHT	A100779C=6450131
		CUSTOMER DRAWING	SCALE 1:1 SHEET 4 OF 9 REV E9

RIGHT ANGLE HEADER ASSY
 SOLDER CONTACTS, W/GUIDES
 MULTI-BEAM XL

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

PART NUMBER	ROWS	SIGNAL						POWER							
		1	2	3	4	5	6	P1	P2	P3	P4	P5	P6		
I-6450131-4	D	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM		
	C	K	K	K	K	K	K								
	B	N	N	N	G	N	N								
	A	S	S	S	H	S	S								
24S + 6P		HD												HD	

PART NUMBER	ROWS	SIGNAL					POWER								
		1	2	3	4	5	P1	P2	P3	P4	P5	P6	P7	P8	
I-6450131-5	D	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	
	C	K	K	K	K	K									
	B	N	G	N	N	N									
	A	S	S	S	S	S									
20S + 8P		HD												HD	



PART NUMBER	ROWS	SIGNAL						POWER							
		1	2	3	4	5	6	P1	P2	P3	P4	P5	P6		
I-6450131-6	D	J	J	J	J	J	E	PM	PM	PM	PM	PM	PM		
	C	K	K	K	K	K	K								
	B	N	N	N	N	N	N								
	A	H	S	S	S	S	S								
24S + 6P		HD												HD	

THIS DRAWING IS A CONTROLLED DOCUMENT. **STE** TE Connectivity

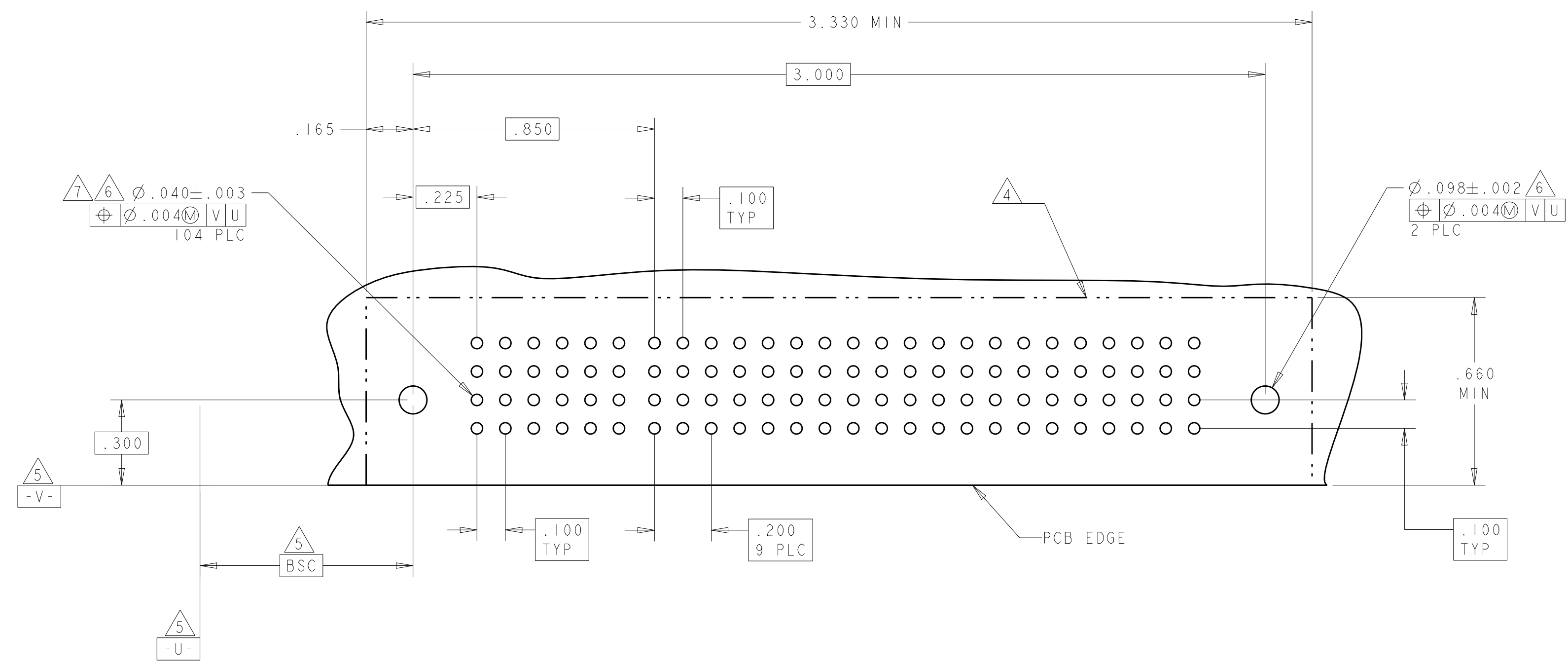
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 15FEB05	CHK: M. PERCHERKE 15FEB05
	0 PLC ±.010 2 PLC ±.005 3 PLC ±.005 4 PLC ±.002 ANGLES ±.002	APVD: M. PERCHERKE	NAME: M. PERCHERKE
MATERIAL: -	FINISH: -	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038
CUSTOMER DRAWING		WEIGHT: -	SCALE: 1:1

RIGHT ANGLE HEADER ASSY
 SOLDER CONTACTS, W/GUIDES
 MULTI-BEAM XL

SIZE: 114-13038
 CAGE CODE: A100779
 DRAWING NO: C=6450131
 SHEET 5 OF 9
 REV E9

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

PART NUMBER	ROWS	SIGNAL						POWER									
		1	2	3	4	5	6	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
1-6450131-7	D	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
	C	K	K	K	F	K	K	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
	B	N	N	N	N	N	N	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
A	A	S	S	S	S	S	S	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
24S + 10HDP																	



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: R. GRZYBOWSKI	15FEB05	 TE Connectivity
CHK: M. PERCHERKE	15FEB05	
APVD: M. PERCHERKE		NAME: RIGHT ANGLE HEADER ASSY
		PRODUCT SPEC: 108-1973
		APPLICATION SPEC: 114-13038
		SIZE: 114-13038
		WEIGHT:
		CAGE CODE: A100779
		DRAWING NO: C=6450131
		RESTRICTED TO:
		SCALE: 1:1
		SHEET: 6 OF 9
		REV: E9

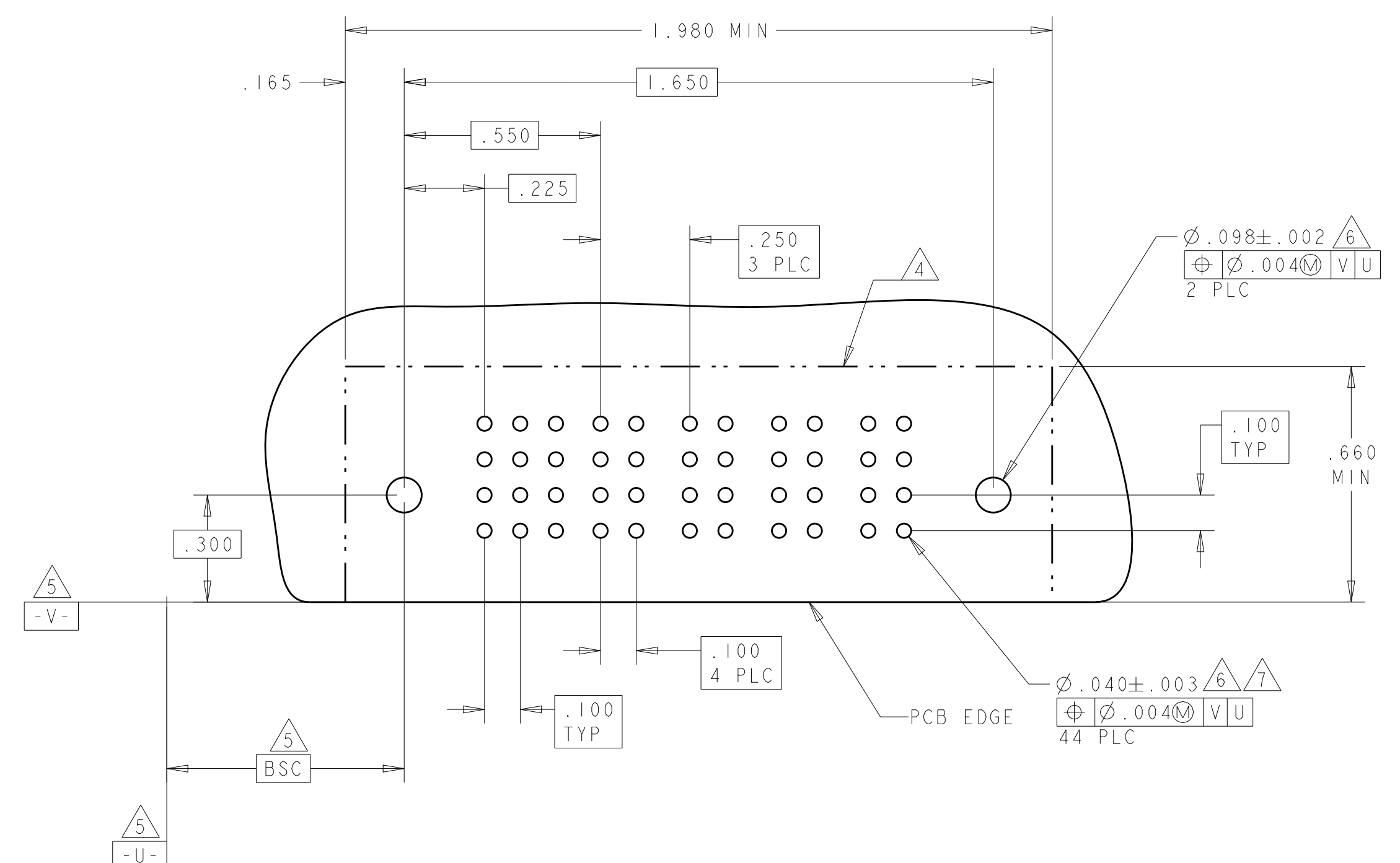
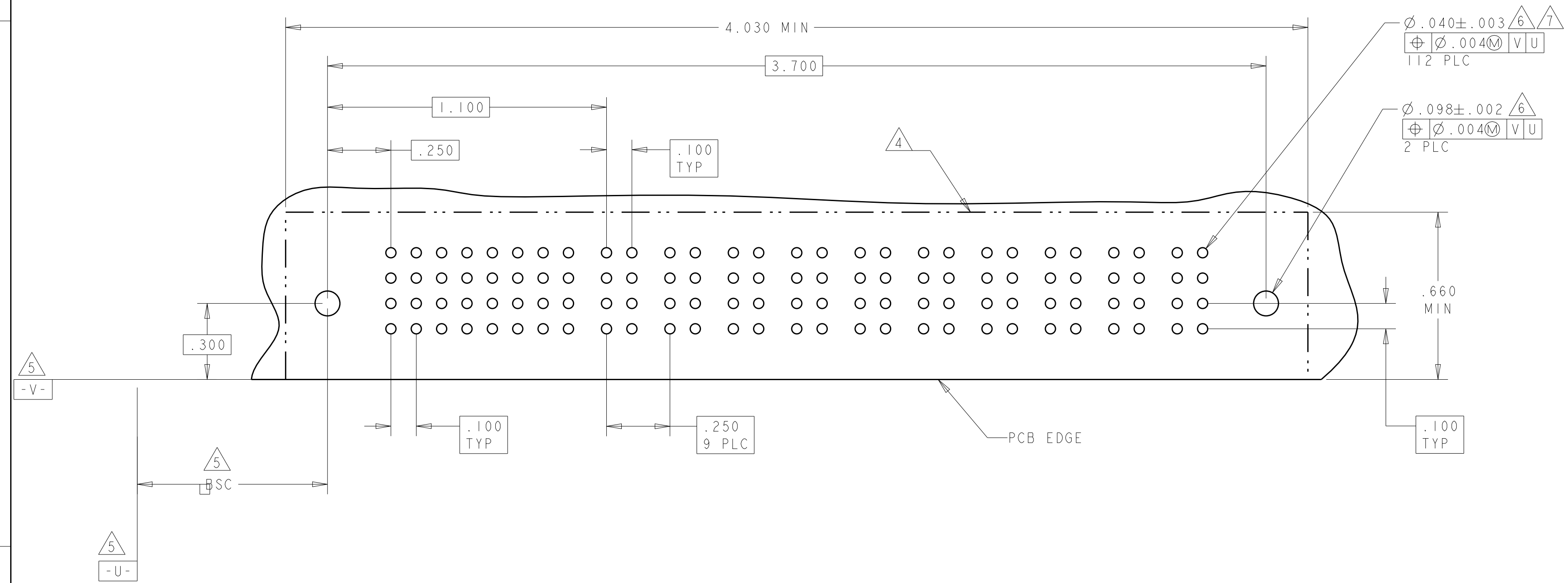
CUSTOMER DRAWING

LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS		DATE	BY	APPV
1	SEE SHEET 1			

PART NUMBER	ROWS	SIGNAL								POWER									
		1	2	3	4	5	6	7	8	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
I-6450131-8	D	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
	C	K	K	K	F	F	K	K	K										
	B	N	N	N	G	G	N	N	N										
32S + 10P	A	S	S	S	S	S	S	S	S										

PART NUMBER	ROWS	SIGNAL			POWER			
		1	2	3	P1	P2	P3	P4
I-6450131-9	D	J	FJ	FJ				
	C	K	K	K	PM	PM	PM	PM
	B	N	N	N				
12S + 4P	A	H	H	S				



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 15FEB05	CHK: M. PERCHERKE 15FEB05	APVD: M. PERCHERKE	NAME: R. GRZYBOWSKI
INCHES	0 PLC ±.01 2 PLC ±.01 3 PLC ±.01 4 PLC ±.005 ANGLES ±.020	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	WEIGHT: -	RESTRICTED TO: -
MATERIAL: -	FINISH: -	CAGE CODE: 114-13038	DRAWING NO: 114-13038	SCALE: 1:1	SHEET 7 OF 9

STE TE Connectivity

RIGHT ANGLE HEADER ASSY
 SOLDER CONTACTS, W/GUIDES
 MULTI-BEAM XL

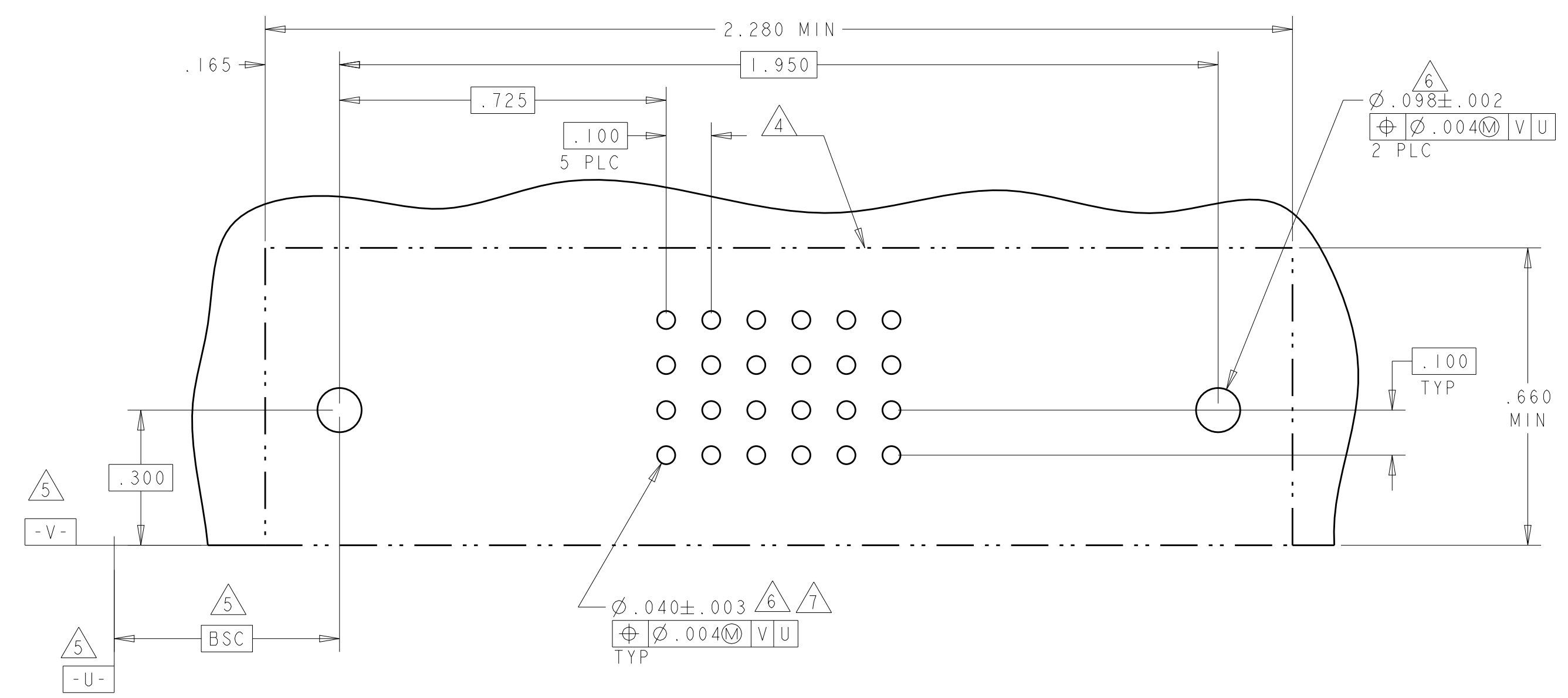
CUSTOMER DRAWING

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

PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P3	P4
2-6450131-1	D	HD	HD	J	J	J	J	J	J	HD	HD
	C			K	K	K	K	K	F		
	B			N	N	N	N	N	N		
	A			S	S	S	S	S	S		

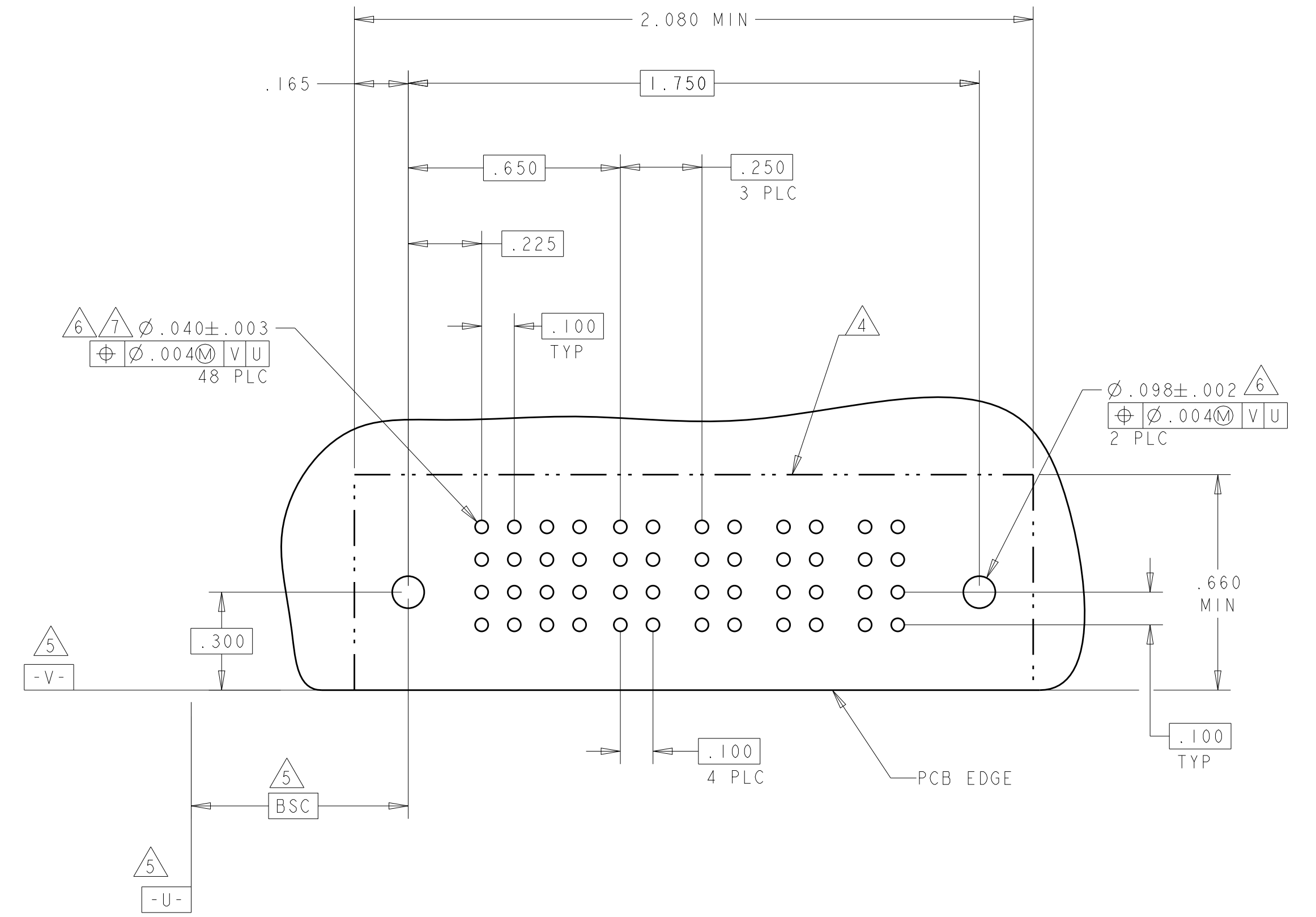
24S

NO CONTACT LOADED



PART NUMBER	ROWS	SIGNAL				POWER			
		1	2	3	4	P1	P2	P3	P4
2-6450131-2	D	J	J	J	J	HD	HD		
	C	K	K	K	K				
	B	N	N	N	N				
	A	H	S	S	S				

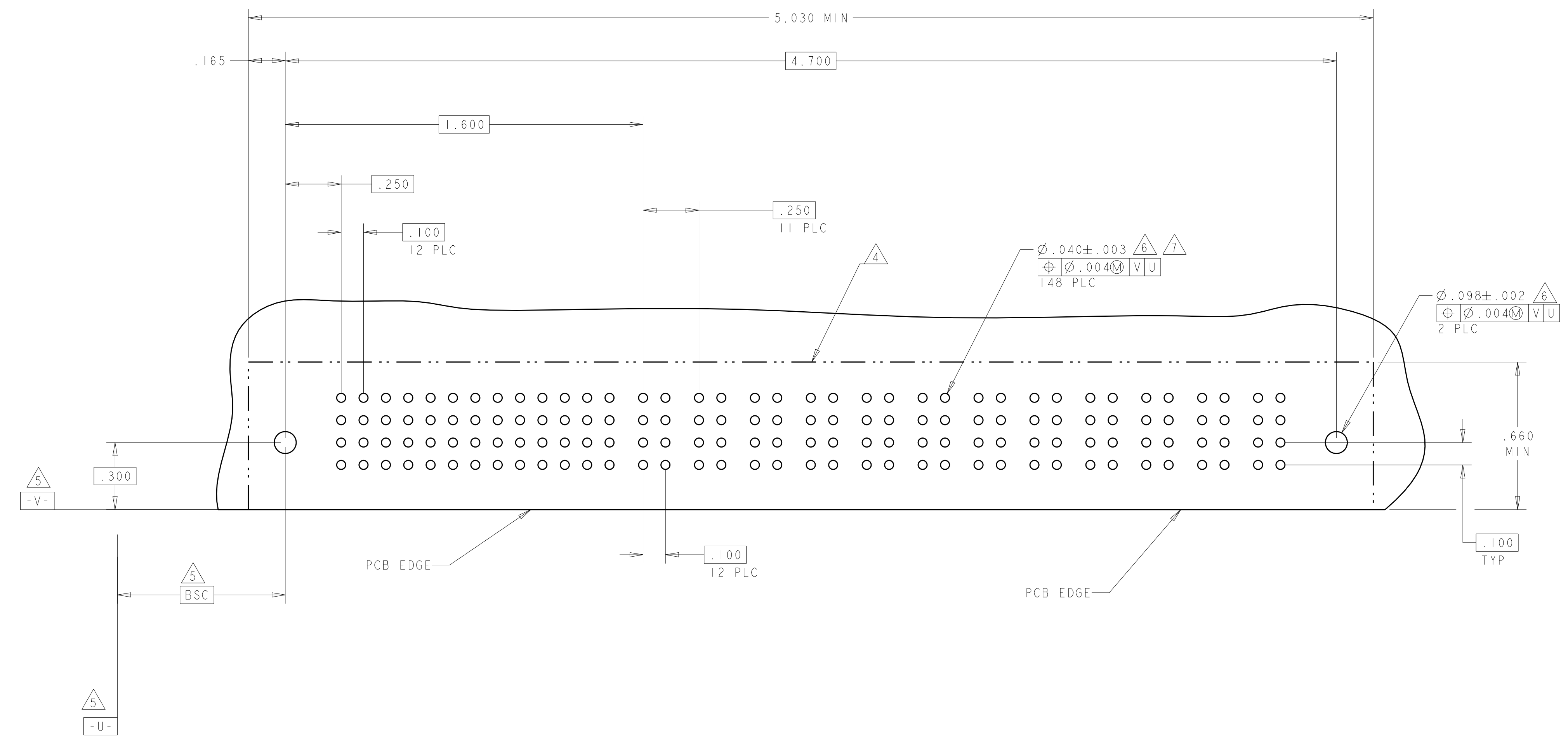
16S + 4P



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 15FEB05	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 15FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSY
0 PLC ±.01		PRODUCT SPEC: 108-1973	SOLDER CONTACTS, W/GUIDES
1 PLC ±.01		APPLICATION SPEC: 114-13038	MULTI-BEAM XL
2 PLC ±.01		SIZE: 114-13038	RESTRICTED TO:
3 PLC ±.01		WEIGHT: -	A100779C=6450131
4 PLC ±.0020		CUSTOMER DRAWING	SCALE: 1:1 SHEET 8 OF 9 REV: E9
ANGLES: ±.7°			
FINISH: -			

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

PART NUMBER	ROWS	SIGNAL												POWER												
		1	2	3	4	5	6	7	8	9	10	11	12	13	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
2-6450131-3	D	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
	C	K	K	K	K	K	F	F	K	K	K	K	K													
	B	N	N	N	N	N	G	G	N	N	N	N	N													
	A	S	S	S	S	S	S	S	S	S	S	S	S													
52S + 12P		HD												HD												



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: R. GRZYBOWSKI 15FEB05
 CHK: M. PERCHERKE 15FEB05
 APVD: M. PERCHERKE

TE Connectivity

NAME: RIGHT ANGLE HEADER ASSY
 PRODUCT SPEC: SOLDER CONTACTS, W/GUIDES
 APPLICATION SPEC: MULTI-BEAM XL

SIZE: 114-13038
 CAGE CODE: A100779
 DRAWING NO: C=6450131

RESTRICTED TO: -

MATERIAL: -
 FINISH: -

WEIGHT: -

CUSTOMER DRAWING

SCALE: 1:1 SHEET 9 OF 9 REV: E9



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

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