



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

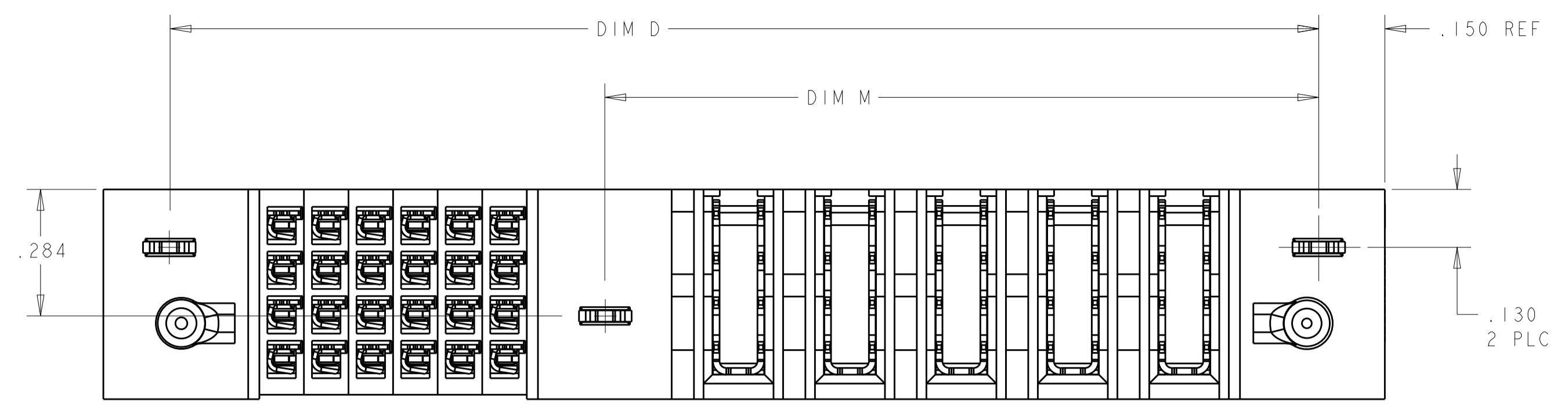
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

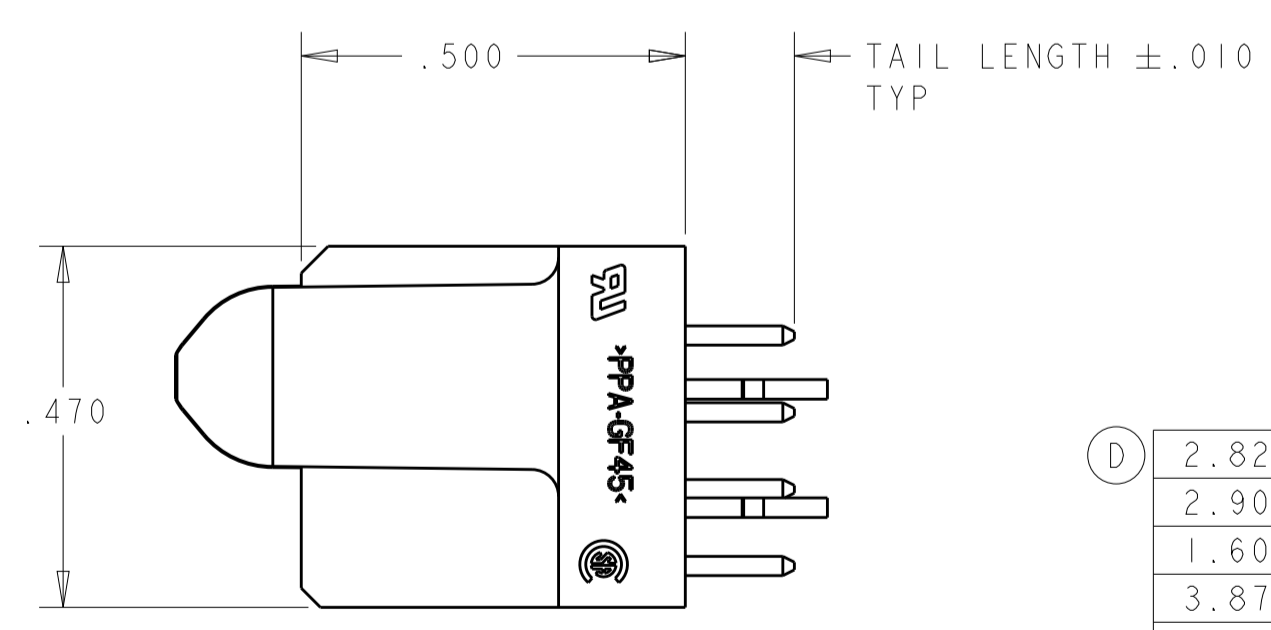
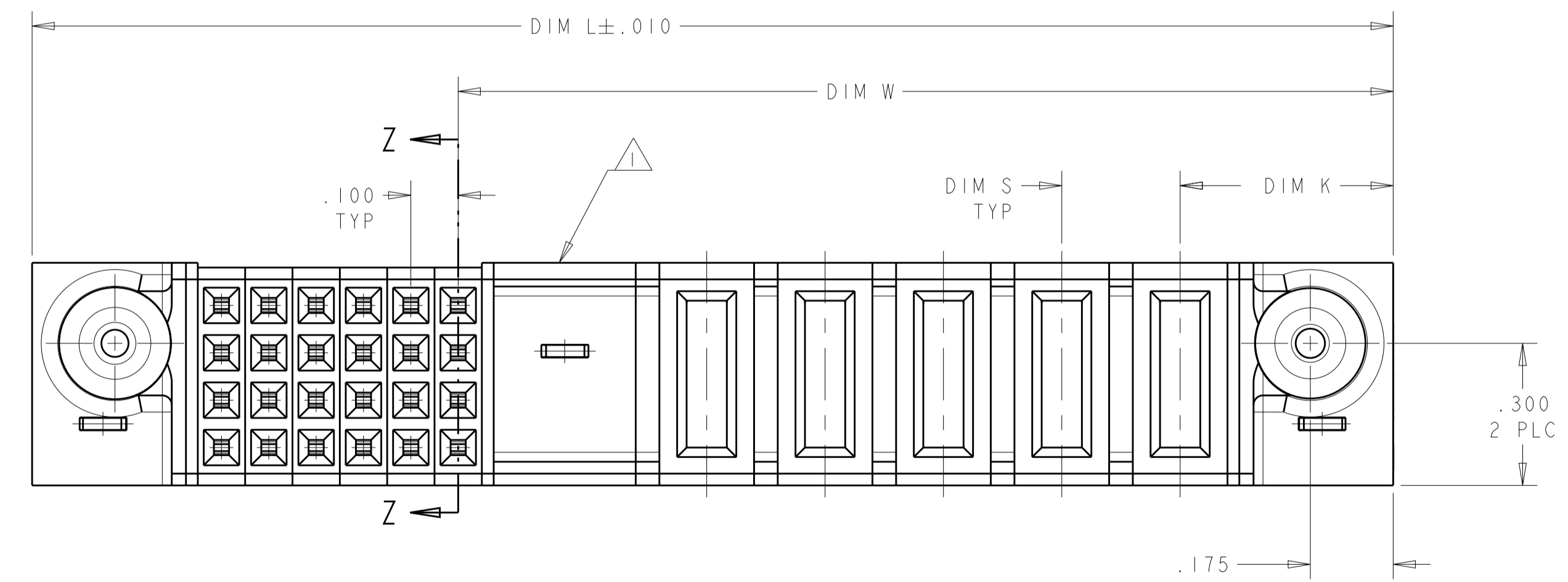
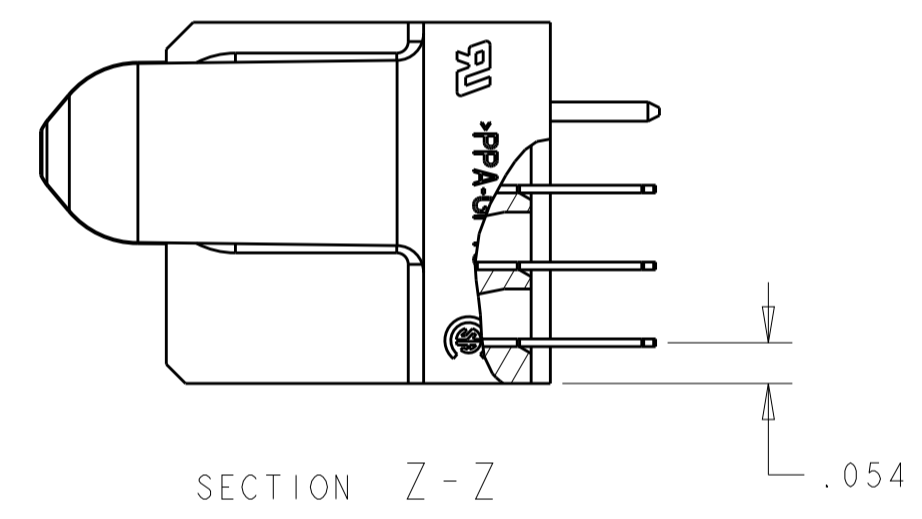
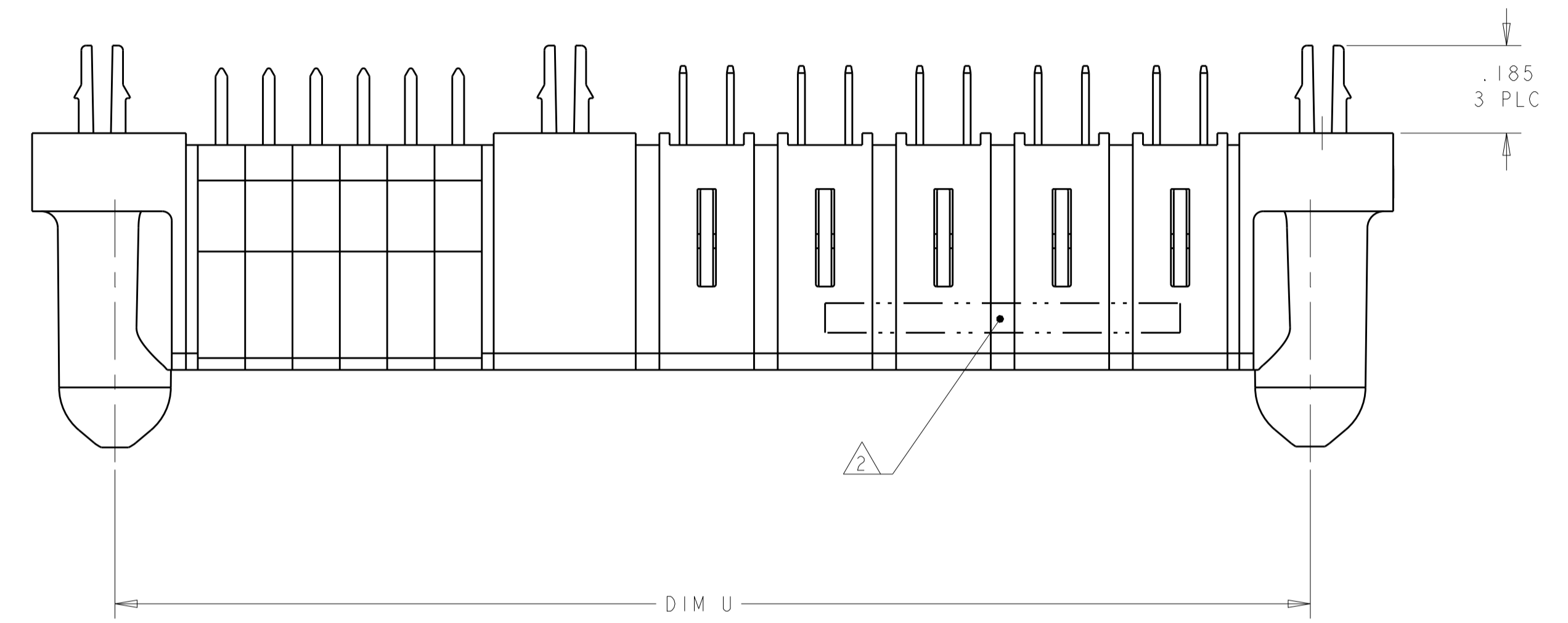
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	APVD
ES	00	D		REV PER ECR-11-023806	25NOV2011	CZ	SZ



- 1 OPTIONAL CENTER MODULE WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE
- 2 AMP, PART NUMBER, AND DATE CODE TO BE MARKED IN AREA AS SHOWN
PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES
- 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 CONTACT FUNCTIONAL AREA
OF POWER AND SIGNAL 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 HOLE
- 9 NOT RELEASED FOR PRODUCTION
- 10 VARIABLE DIMENSION SHOW ON TABLE OR PART VIEW.



2.825	△	2.300	2.875	-	3.175	.475	3ACP + 4P + 24S	2-6450142-0
2.900	.250	2.875	2.950	-	3.250	.450	10P + 4S	1-6450142-9
1.600	.250	1.375	1.650	-	1.950	.450	4P + 12S	1-6450142-8
3.875	△	3.550	3.925	-	4.225	.475	3ACP + 9P + 16S	1-6450142-7
2.700	.250	.875	2.750	-	3.050	.450	2P + 76S	1-6450142-4
2.300	.250	1.875	2.350	-	2.650	.450	6P + 20S	1-6450142-3
2.950	.200	2.425	3.000	-	3.300	.450	10HDP+24S	1-6450142-1
1.000	.250	.875	1.050	-	1.350	.450	2P + 8S	1-6450142-0
2.900	.250	2.375	2.950	-	3.250	.450	8P + 24S	6450142-9
1.100	-	.575	1.150	-	1.450	.425	1P + 24S	6450142-6
3.800	-	3.550	3.850	-	4.150	.475	11P + 12S	6450142-4
3.000	.250	2.375	3.050	-	3.350	.450	8P + 28S	6450142-3
1.675	.250	1.425	1.725	-	2.025	.475	4P + 12S	6450142-2
1.675	.250	1.425	1.725	-	2.025	.475	4P + 12S	6450142-1
DIM U	DIM S	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION	PART NUMBER

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

DIMENSIONS: INCHES TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±.01
 2 PLC ±.01
 3 PLC ±.005
 4 PLC ±.0020
 ANGLES ±.0020

MATERIAL: FINISH: 3 4

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

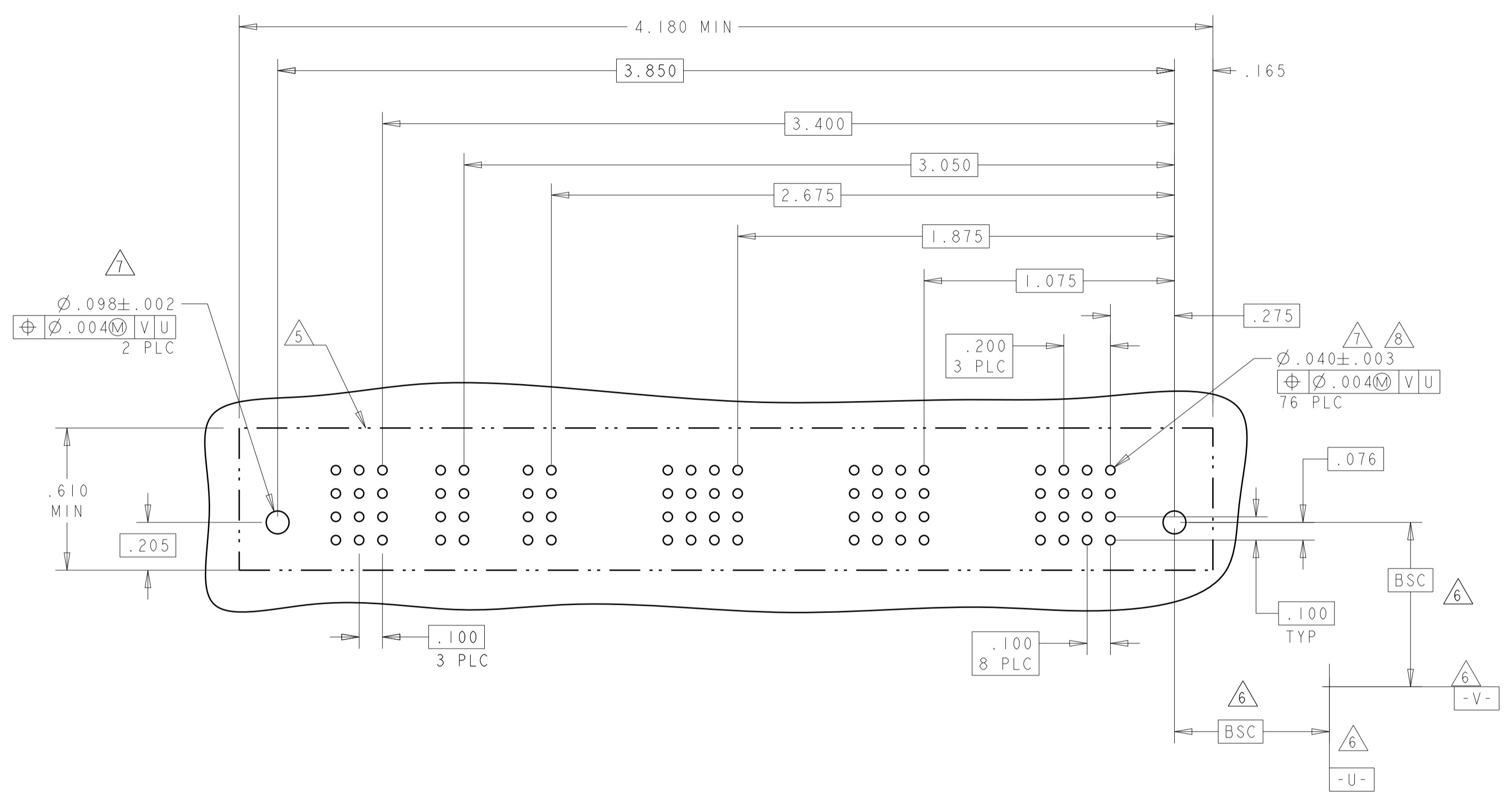
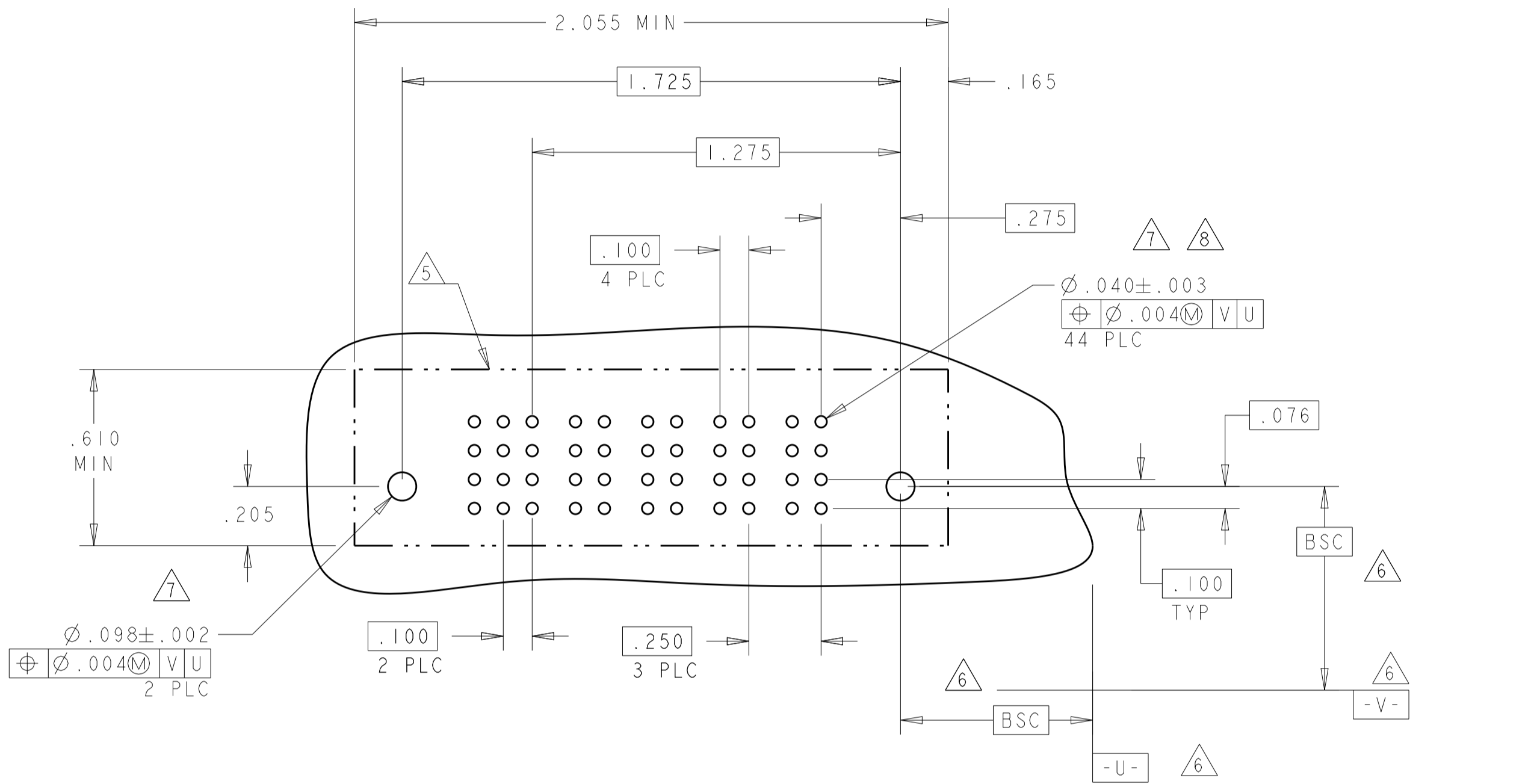
SIZE: 108-1973 APPLICATION SPEC
 114-13038 WEIGHT: CUSTOMER DRAWING
 SCALE: 1:1 SHEET 1 OF 7 REV D

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

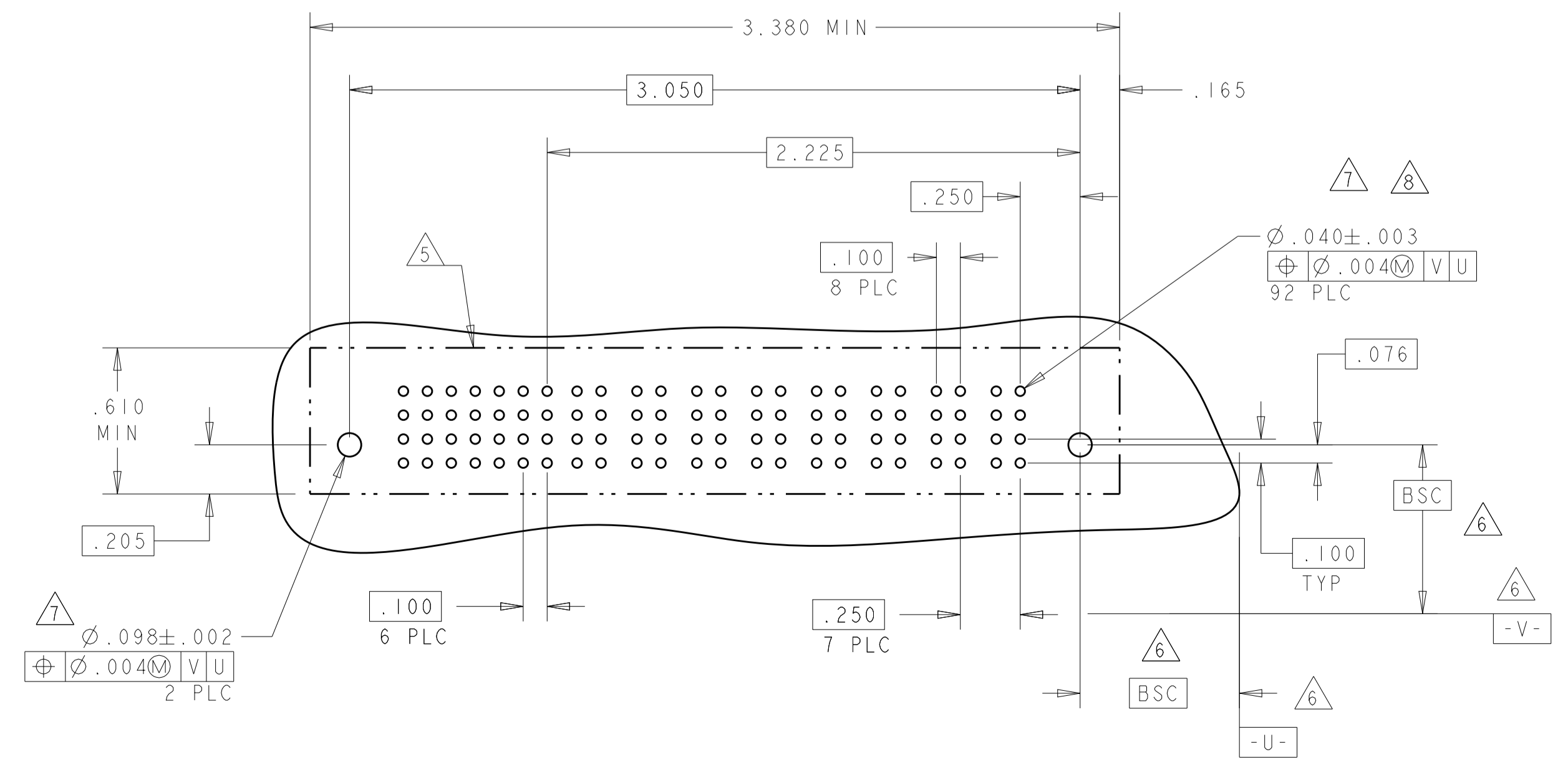
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		3	2	1	I	P4	P3	P2	PI
6450142-1	D C B A	E	E	E	E	VA	VA		
4P + 12S									

PART NUMBER	ROWS	SIGNAL				POWER			
		3	2	1	I	P4	P3	P2	PI
6450142-2	D C B A	E	E	E	E	VA	VA	VA	VA
4P + 12S									

PART NUMBER	ROWS	SIGNAL				POWER											
		3	2	1	I	PI1	PI0	P9	P8	P7	P6	P5	P4	P3	P2	PI	
6450142-4	D C B A	E	E	E	E	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA
11P + 12S																	



PART NUMBER	ROWS	SIGNAL								POWER							
		7	6	5	4	3	2	1	I	P8	P7	P6	P5	P4	P3	P2	PI
6450142-3	D C B A	E	E	E	E	E	E	E	E	VA	VA	VA	VA	VA	VA	VA	VA
8P + 28S																	



CODE	TAIL LENGTH	CODE	TAIL LENGTH	DESCRIPTION
J	.090	VN	.090	STD
E	.135	VB	.090	MFBL
		VM	.135	STD
		VA	.135	MFBL

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 CHK: M. PERCHERKE 15FEB05

DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±.01
 1 PLC ±.01
 2 PLC ±.01
 3 PLC ±.01
 4 PLC ±.005
 5 PLC ±.005
 6 PLC ±.0020
 ANGLES ±.020

MATERIAL: FINISH:

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

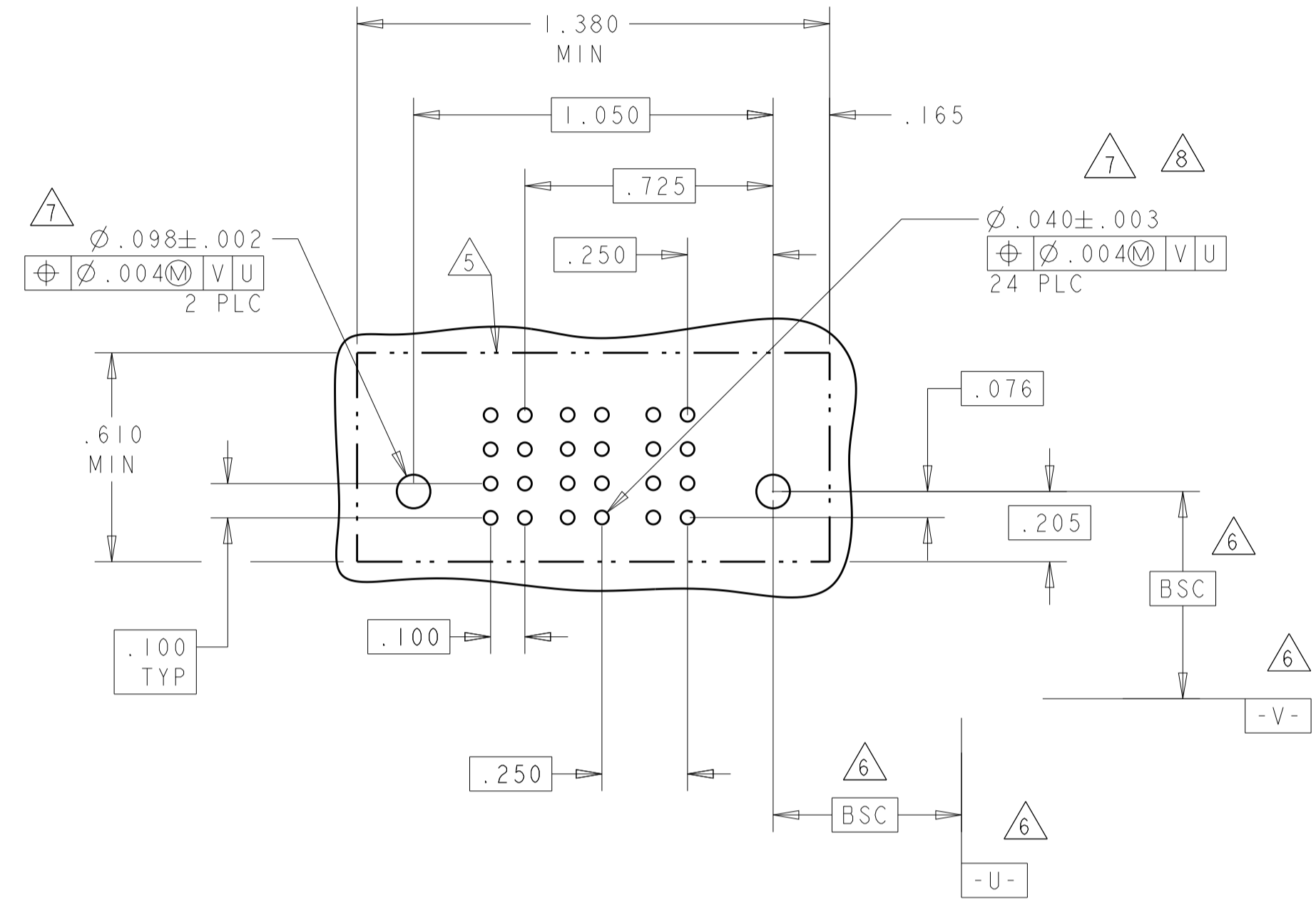
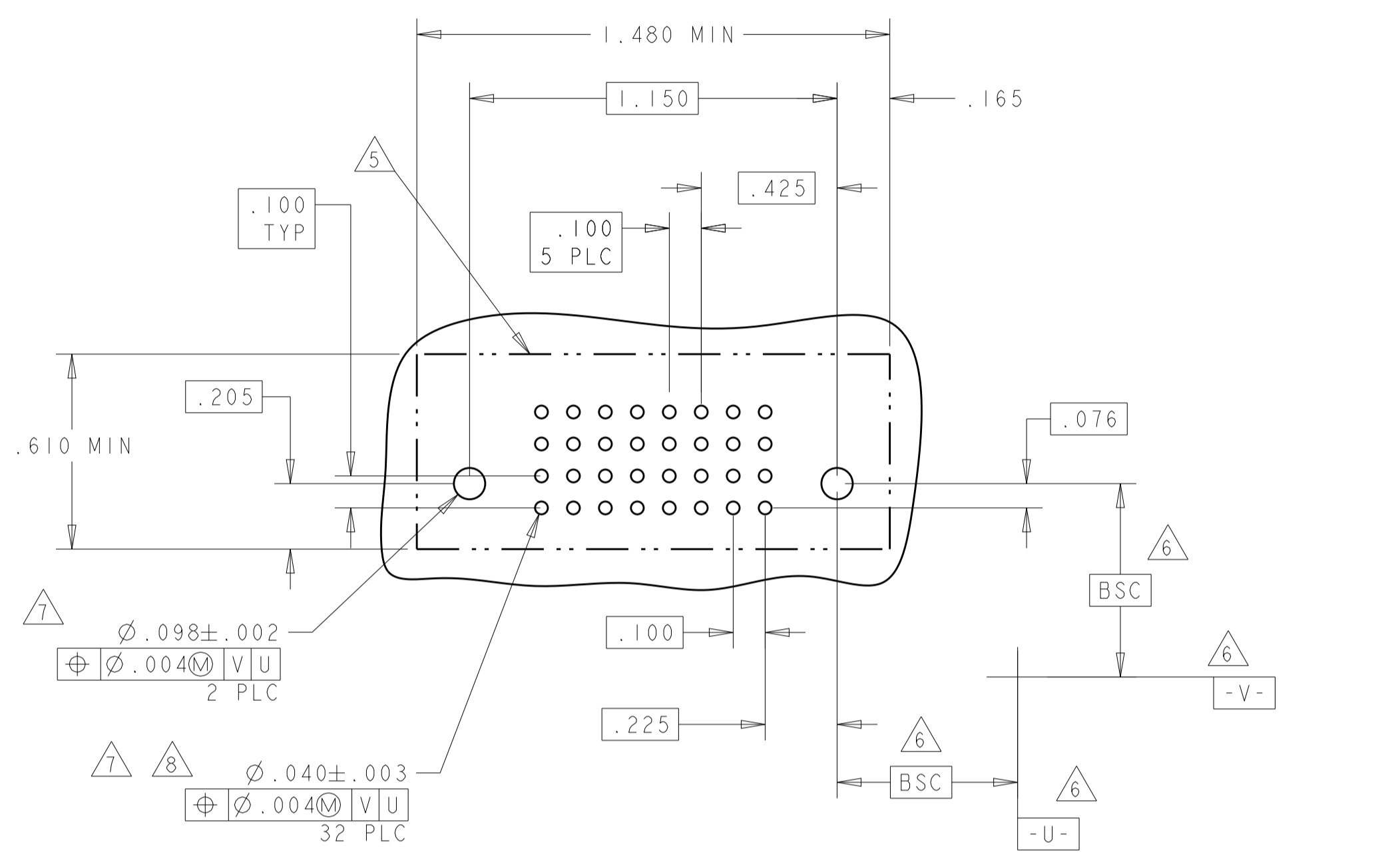
SIZE: 108-1973 APPLICATION SPEC
 114-13038 WEIGHT: CUSTOMER DRAWING

SCALE: 1:1 SHEET 2 OF 7 REV: D1

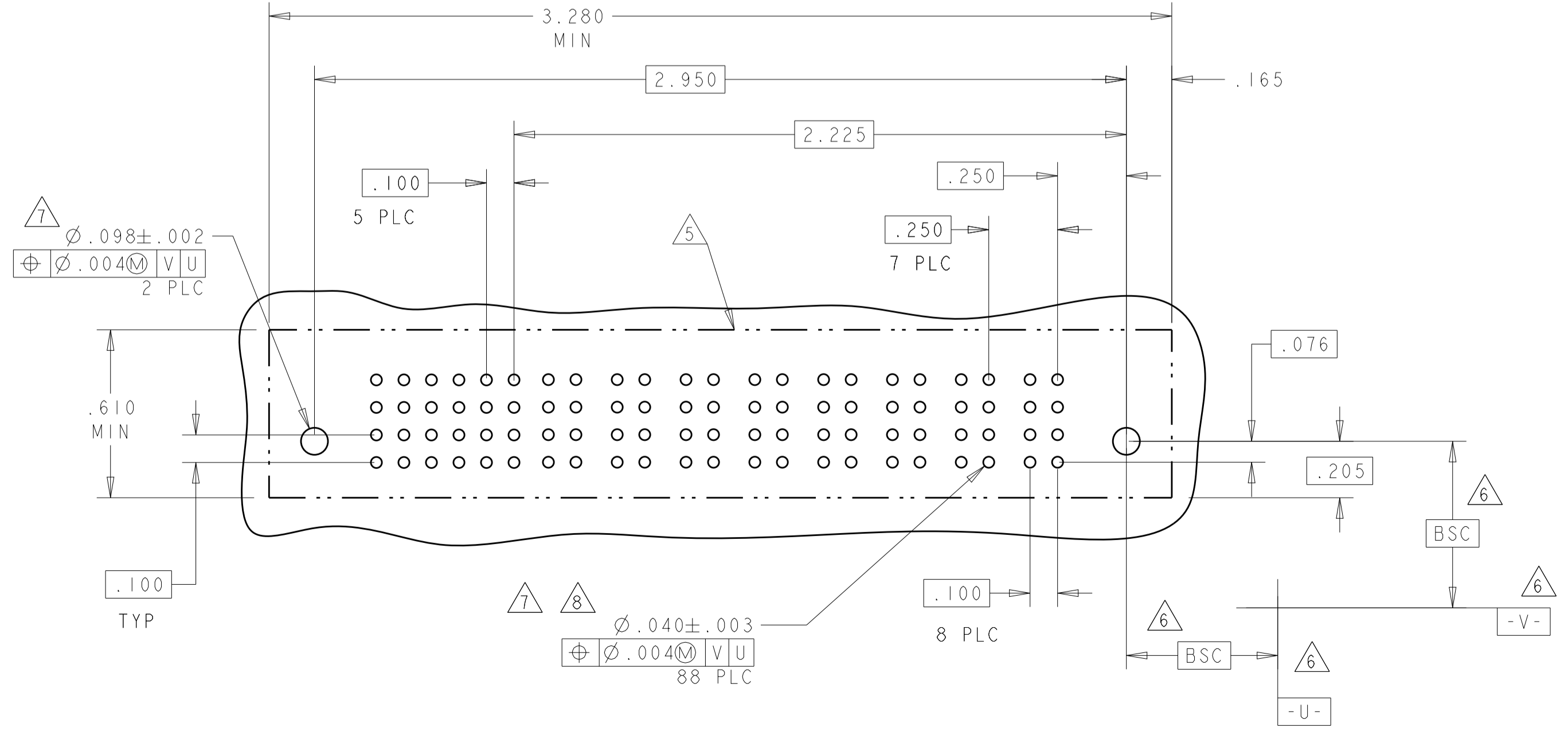
LOC	DIST	REVISIONS					
ES	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1			

PART NUMBER	ROWS	SIGNAL						POWER
		6	5	4	3	2	1	PI
6450142-6	D C B A	E	E	E	E	E	E	VA
		E	E	E	E	E	E	
		E	E	E	E	E	E	
		E	E	E	E	E	E	
IP + 24S								

PART NUMBER	ROWS	SIGNAL		POWER	
		2	1	P2	PI
I-6450142-0	D C B A	E	E	VA	VA
		E	E		
		E	E		
		E	E		
2P + 8S					



PART NUMBER	ROWS	SIGNAL								POWER						
		6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	PI	
6450142-9	D C B A	E	E	E	E	E	E	VA	VA	VA	VA	VA	VA	VA	VA	
		E	E	E	E	E	E									
		E	E	E	E	E	E									
		E	E	E	E	E	E									
8P + 24S																



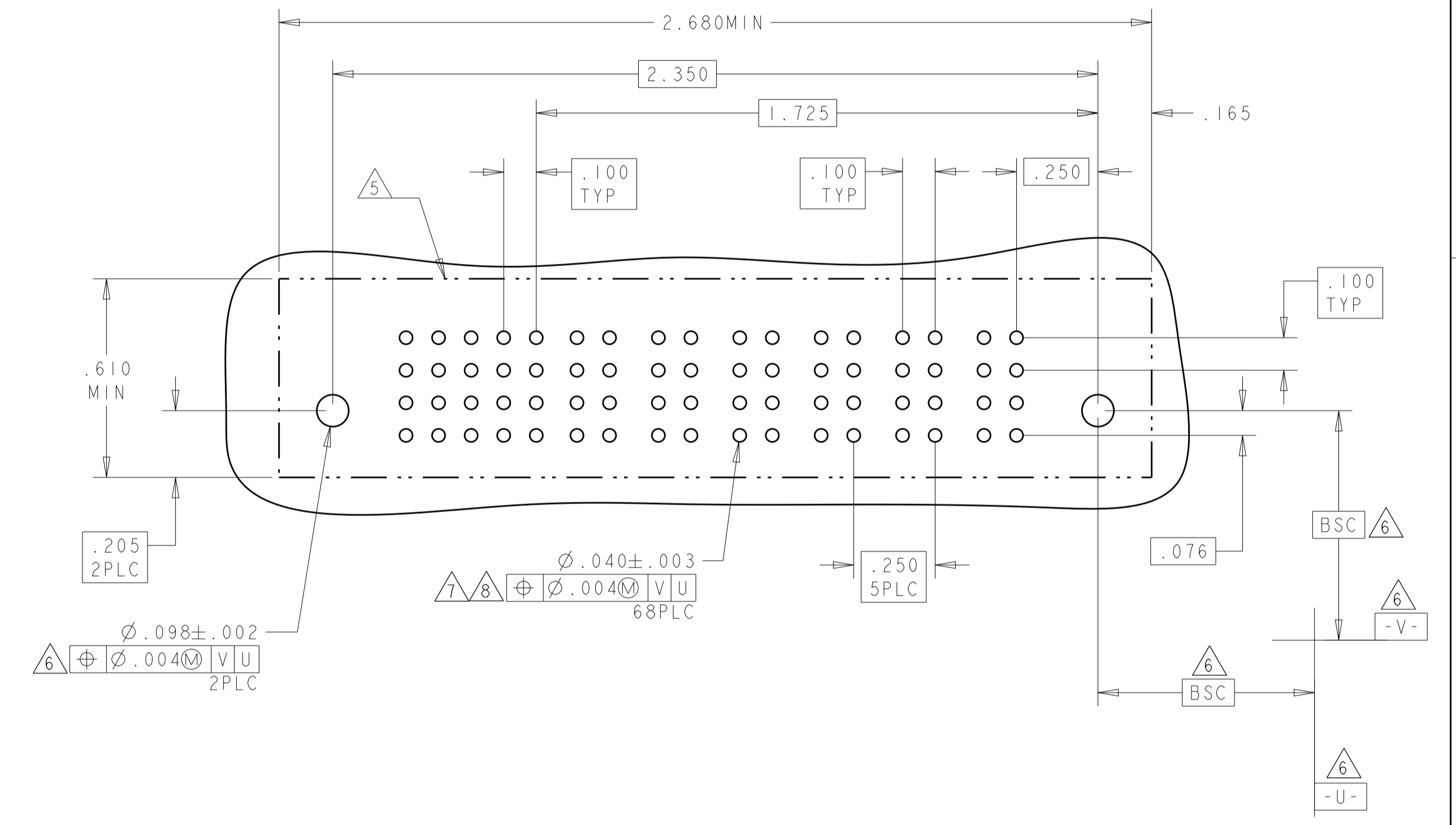
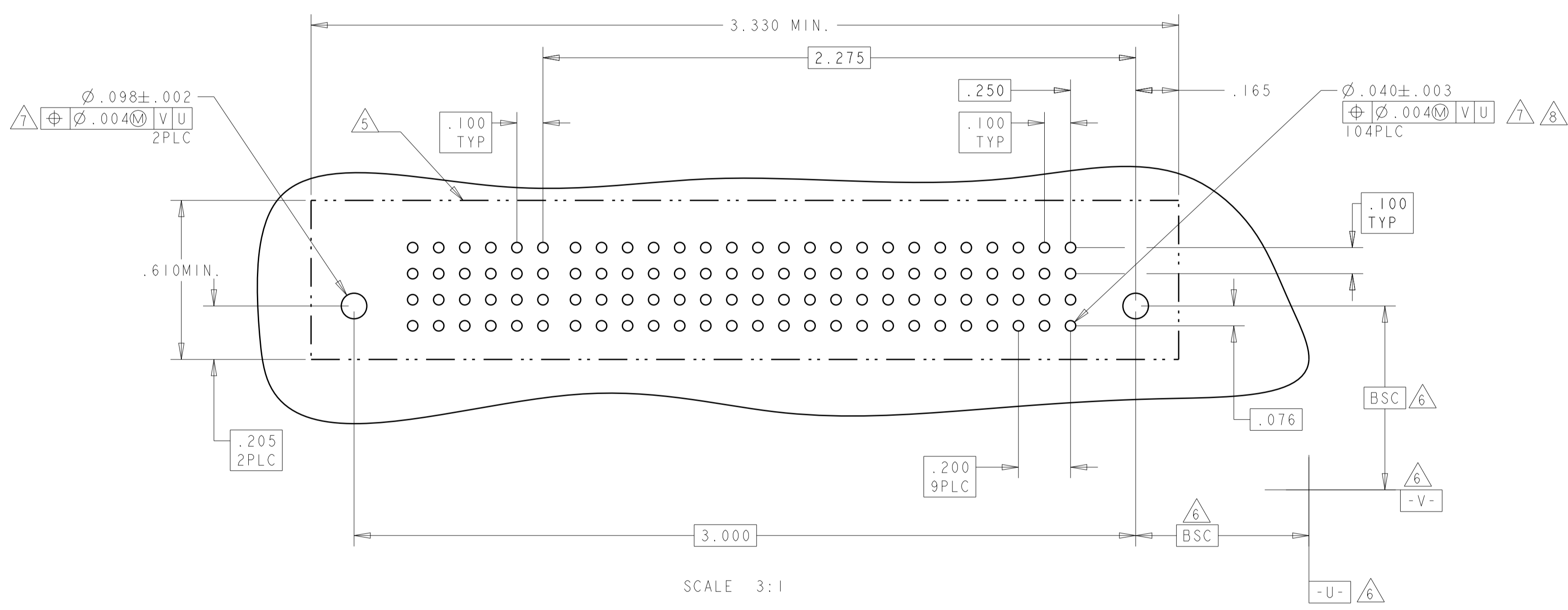
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.07	DWN: R. GRZYBOWSKI 15FEB05 CHK: M. PERCHERKE 15FEB05 APVD: M. PERCHERKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
MATERIAL:	FINISH:	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT:	SIZE: A100779 CAGE CODE: 6450142 DRAWING NO: 6450142
CUSTOMER DRAWING		SCALE: 1:1	SHEET 3 OF 7

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

PART NUMBER	HOUSING P/N	ROWS	SIGNAL					POWER					HD						
			6	5	4	3	2	1	P10	P9	P8	P7		P6	P5	P4	P3	P2	P1
1-6450142-1	1-1450182-8	D C B A	E	E	E	E	E	E	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	HD
10HDP + 24S																			

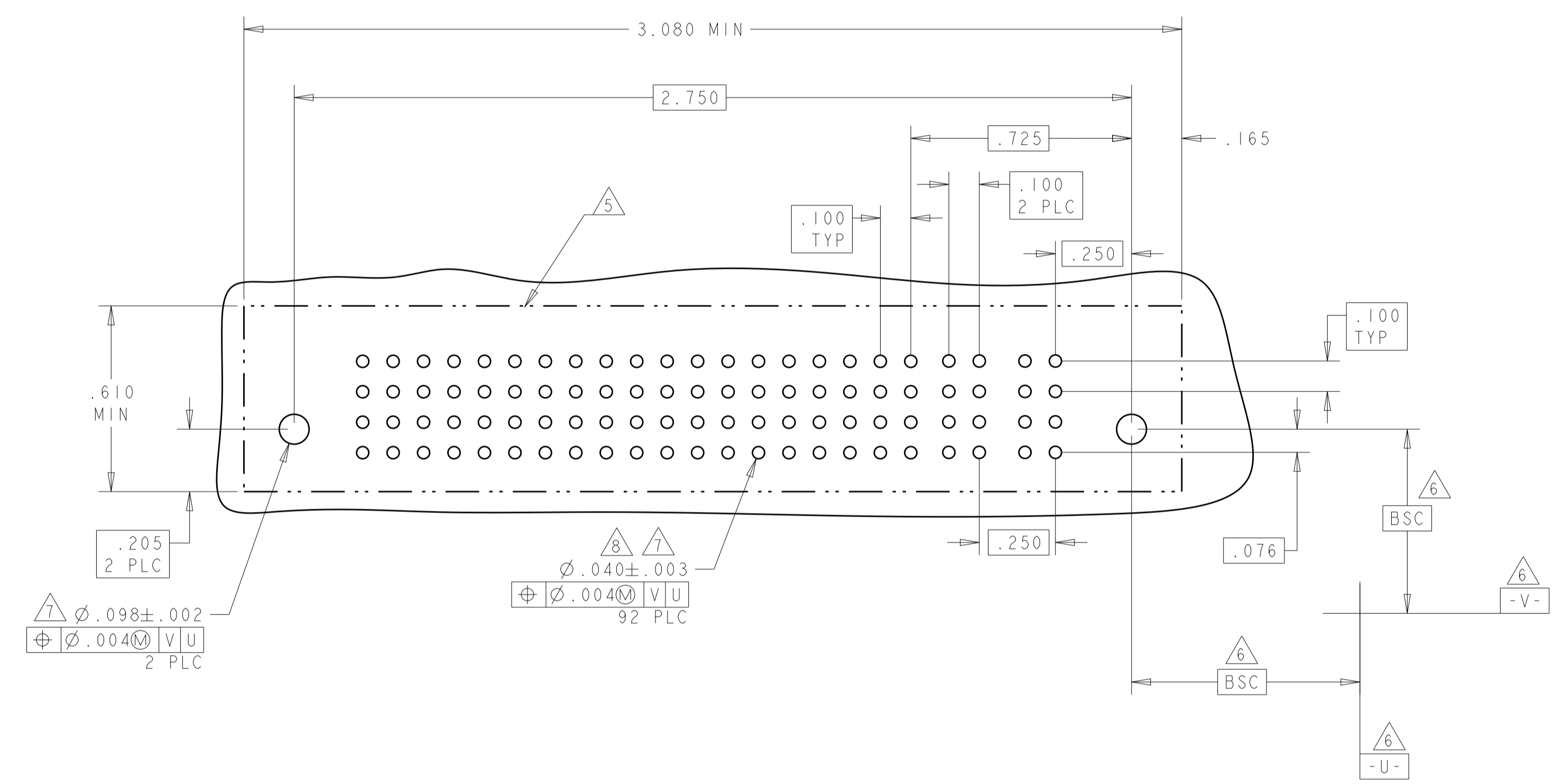
PART NUMBER	ROWS	SIGNAL					POWER					HD	
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1-6450142-3	D C B A	E	E	E	E	E	VM	VM	VM	VM	VM	VM	HD
6P + 20S													



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 15FEB05	TE TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 15FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC ± .01		PRODUCT SPEC: 108-1973	SIZE: A1
1 PLC ± .01		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450142
2 PLC ± .01		WEIGHT: -	RESTRICTED TO: -
3 PLC ± .005		CUSTOMER DRAWING	SCALE: 1:1
4 PLC ± .0020			SHEET 4 OF 7
ANGLES ± .020			REV: D1
FINISH: -			

LOC	DIST	REV	DATE	BY	APP'D
ES	00				
REVISIONS			DESCRIPTION	DATE	BY
			SEE SHEET 1		

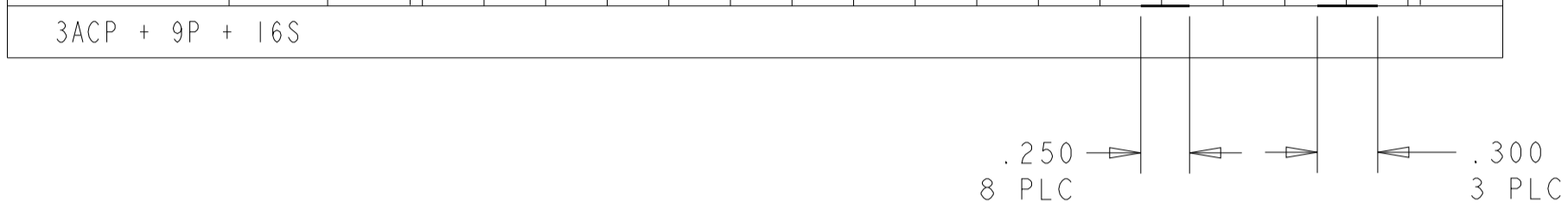
PART NUMBER	ROWS	SIGNAL																			POWER	
		19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1
1-6450142-4	D	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	VM	VM
	C	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
	B	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
2P + 76S	A																					



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 15FEB05	
DIMENSIONS: INCHES		CHK: M. PERCHERKE 15FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC ± 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		PRODUCT SPEC: 108-1973	SIZE: A1
MATERIAL: -		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450142
FINISH: -		WEIGHT: -	RESTRICTED TO: -
CUSTOMER DRAWING		SCALE: 1:1	SHEET 5 OF 7

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

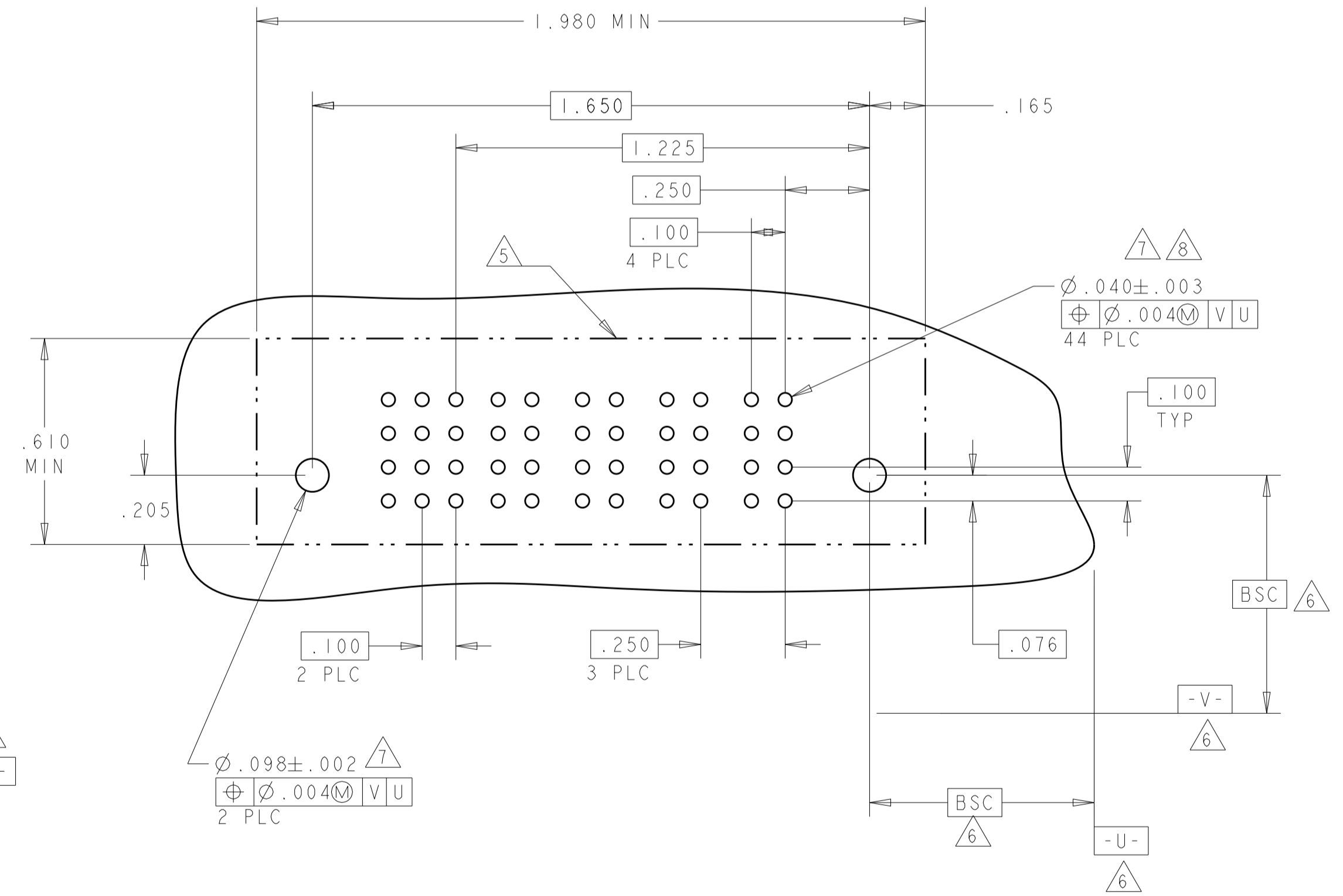
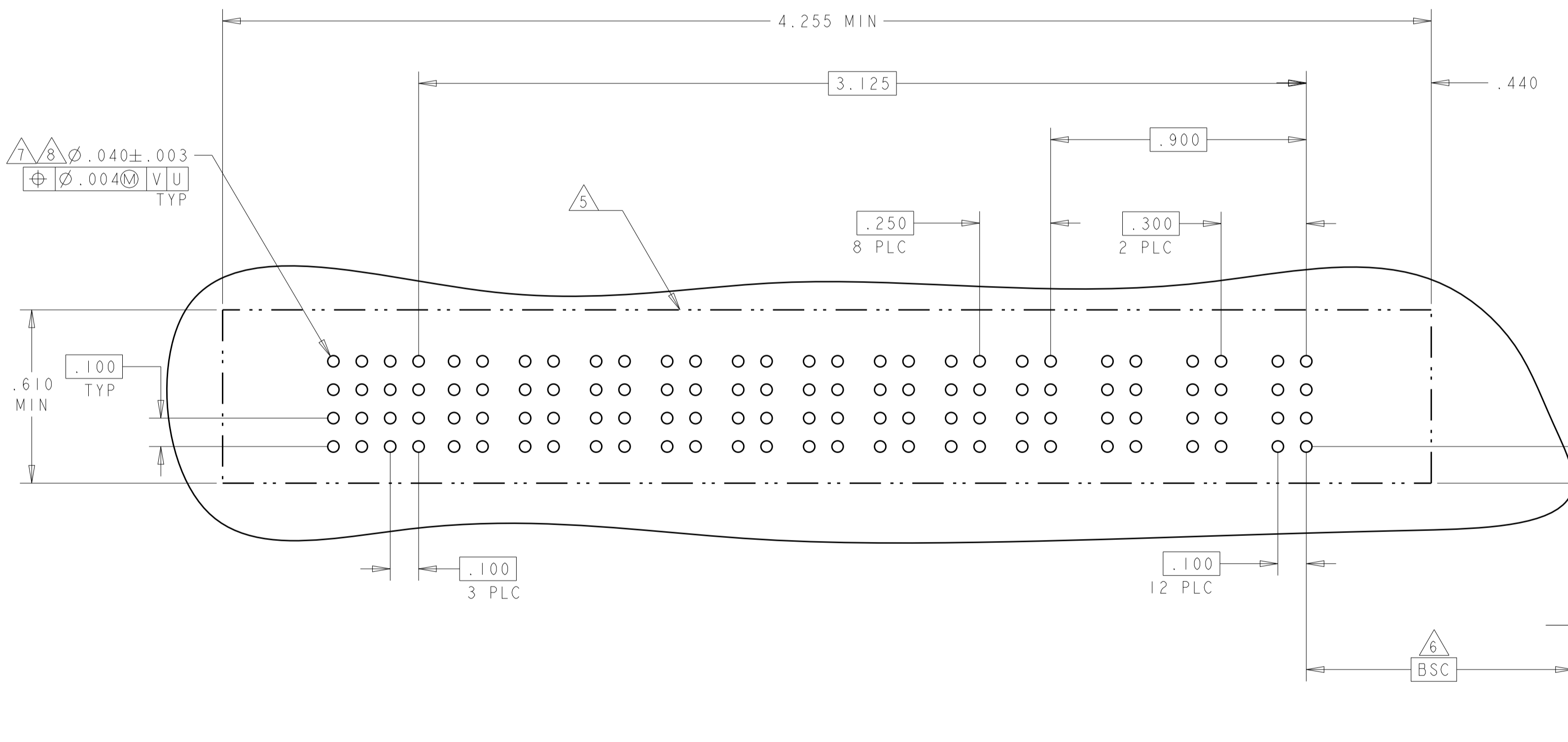
PART NUMBER	ROWS	POWER															
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I-6450142-7	D	E	E	E	E												
	C	E	E	E	E												
	B	E	E	E	E	VM	VM	VM	VM	VM	VM	VM	VM	VA	VM	VM	
	A	E	E	E	E												



PART NUMBER	ROWS	SIGNAL			POWER			
		3	2	1	P4	P3	P2	P1
I-6450142-8	D	E	E	E				
	C	E	E	E				
	B	E	E	E	VA	VA	VA	VA
	A	E	E	E				

(C2)

4P + 12S

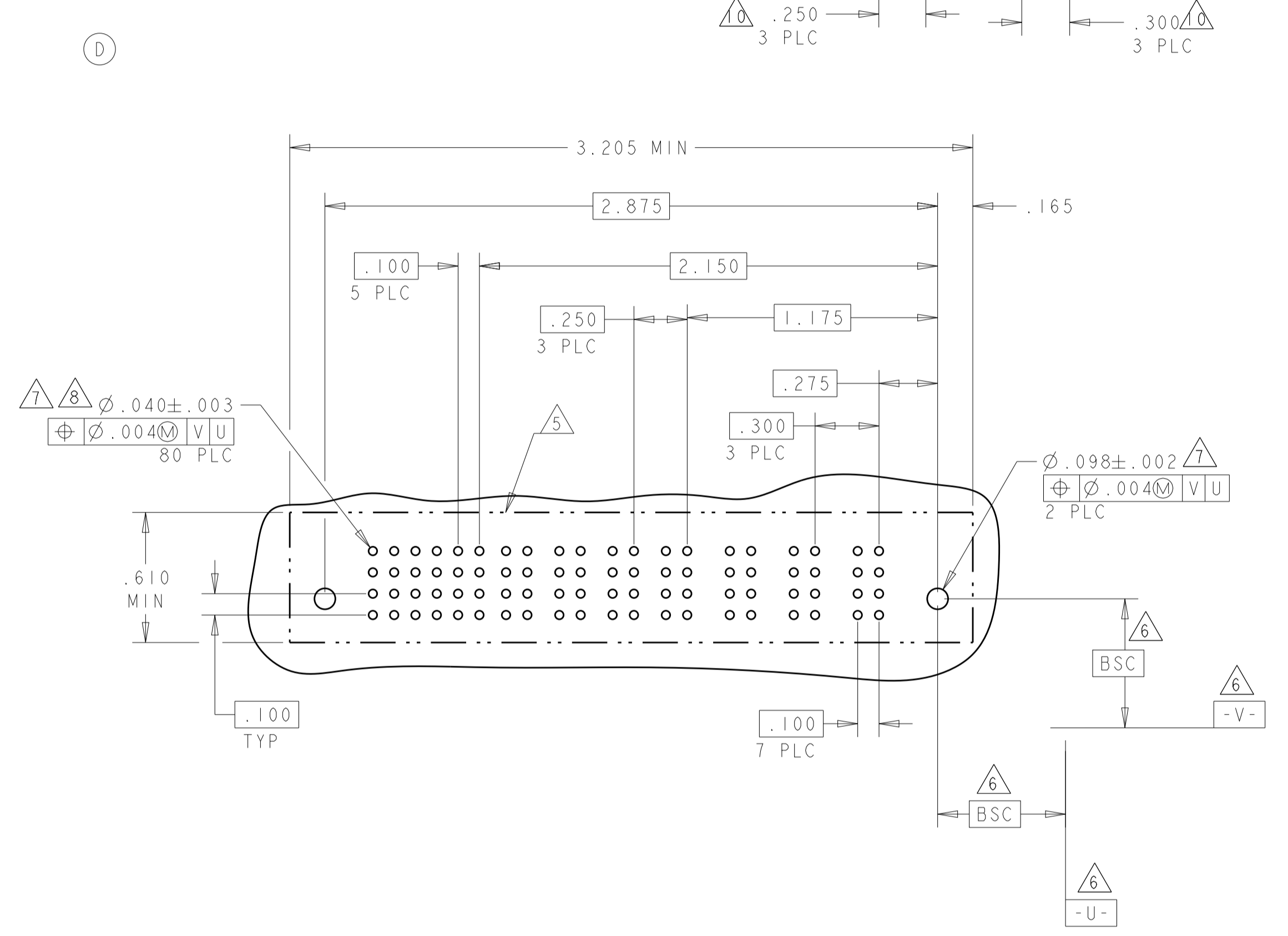
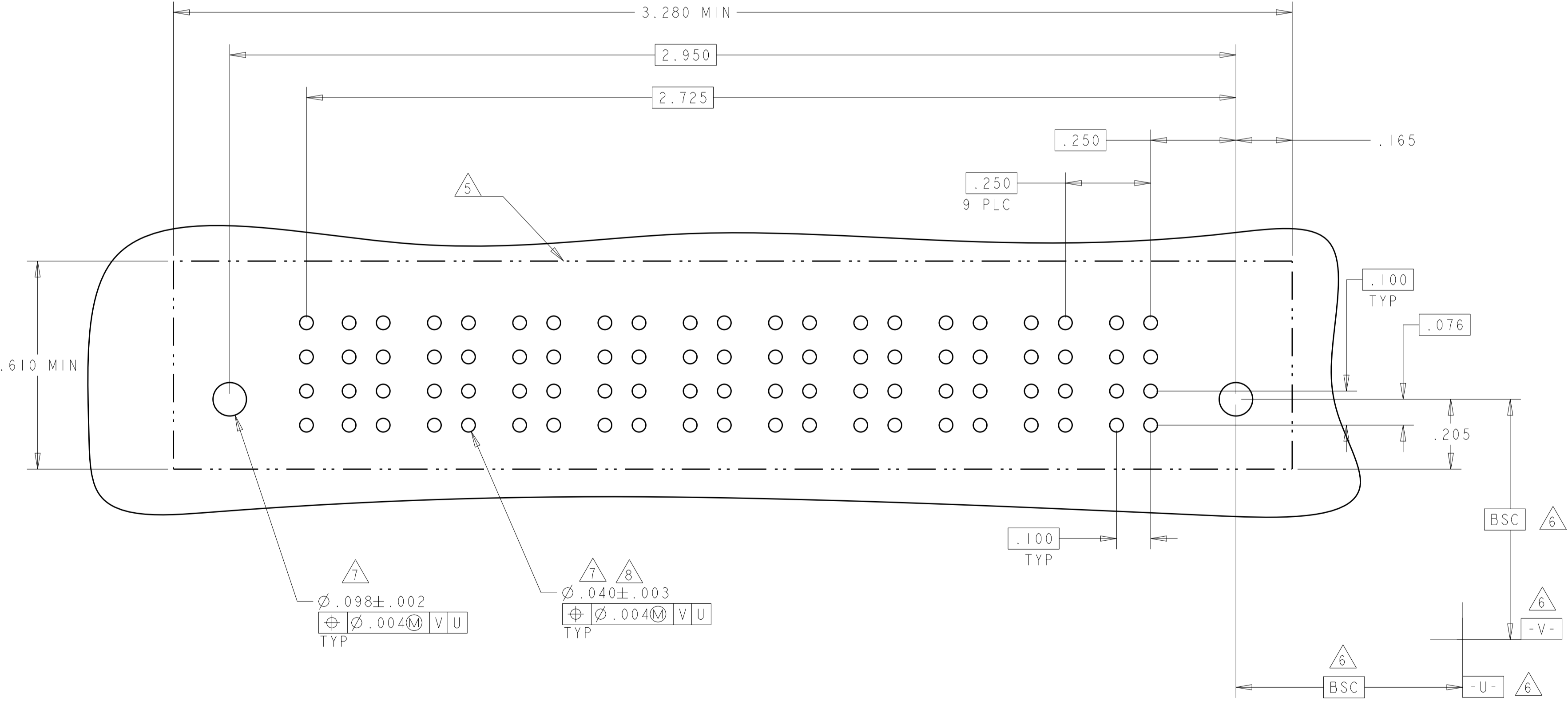


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DIMENSIONS: INCHES		CHK: M. PERCHERKE 15FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°		PRODUCT SPEC: 108-1973	SIZE: A1
MATERIAL: -		APPLICATION SPEC: 114-13038	CAGE CODE: 6450142
FINISH: -		WEIGHT: -	RESTRICTED TO: -
CUSTOMER DRAWING		SCALE: 1:1	SHEET 6 OF 7 REV: D1

LOC	DIST	REV	DATE	BY	APPV
ES	00				
REVISIONS					

PART NUMBER	ROWS	SIGNAL	POWER											
			I	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	
1-6450142-9	D C B A	E E E E	VM	VM	VM	VM	VM	VM	VM	VM	VM	VM	VM	VM
10P + 4S														

PART NUMBER	ROWS	SIGNAL						POWER						
		6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1
2-6450142-0	D C B A	E	E	E	E	E	E	VM	VM	VM	VM	VM	VM	VM
3ACP + 4P + 24S														



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 15FEB05	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC ± .01		PRODUCT SPEC: 108-1973	SIZE: A100779
1 PLC ± .01		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450142
2 PLC ± .005		WEIGHT: -	RESTRICTED TO: -
3 PLC ± .002		CUSTOMER DRAWING	SCALE: 1:1 SHEET 7 OF 7 REV: D1
4 PLC ± .002			
ANGLES ± .2°			
FINISH: -			