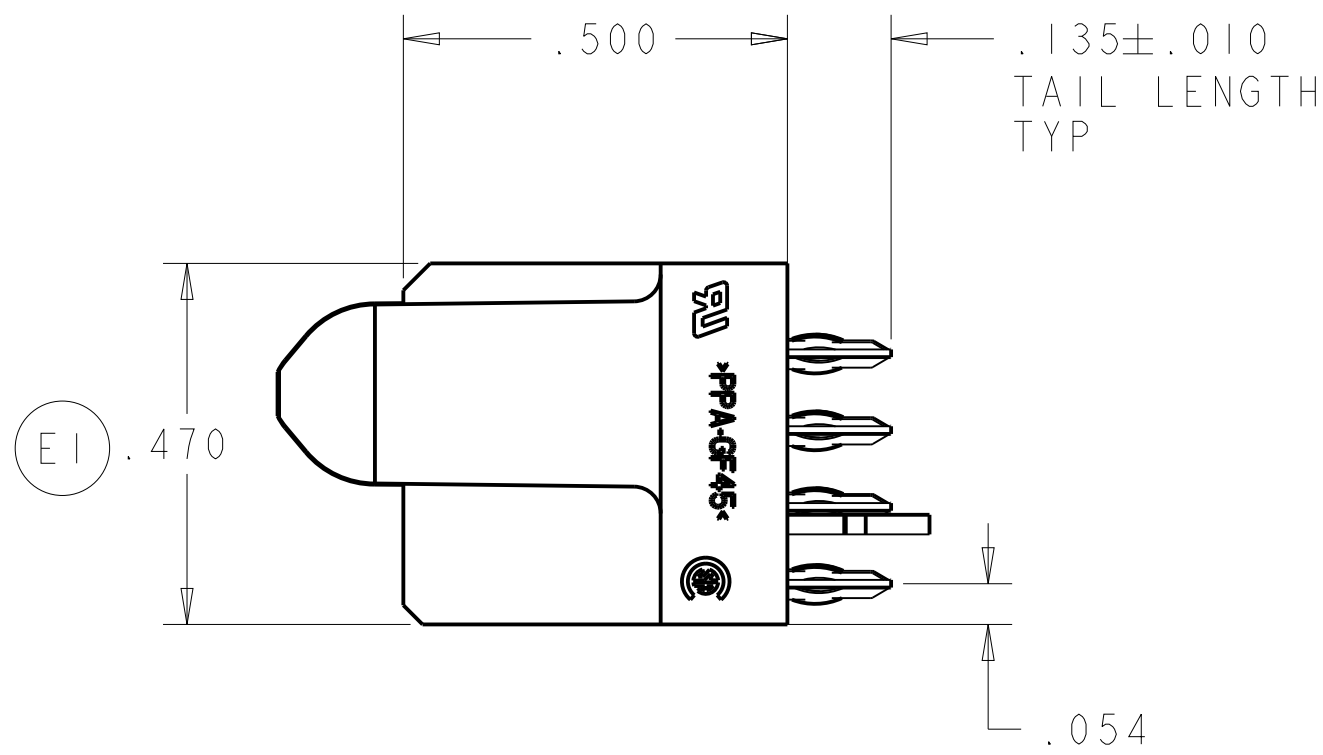
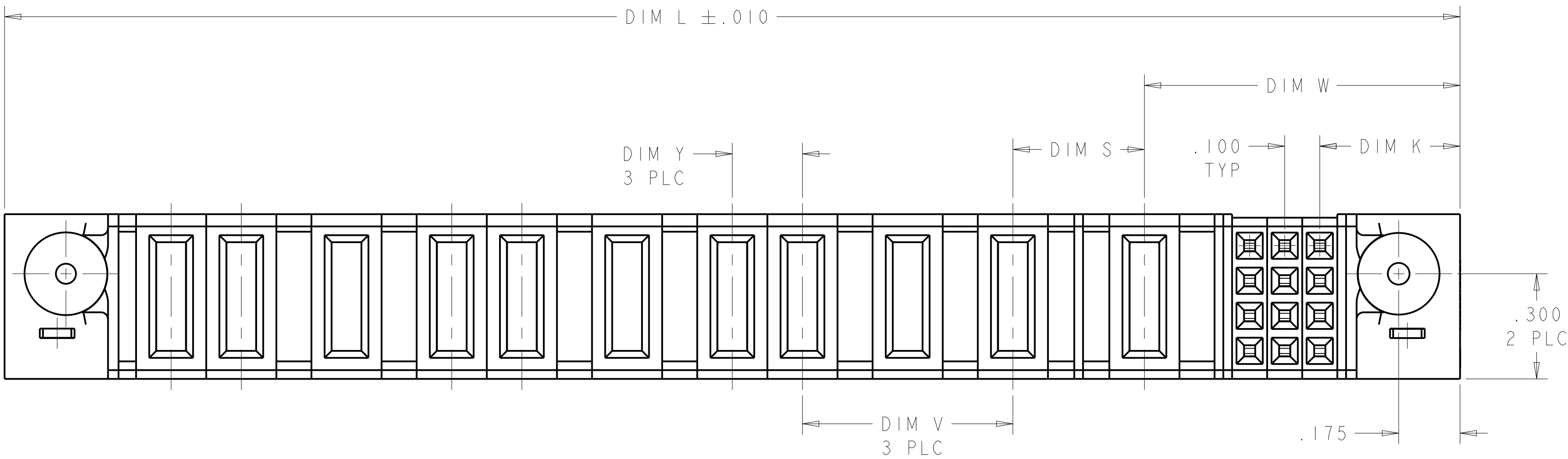
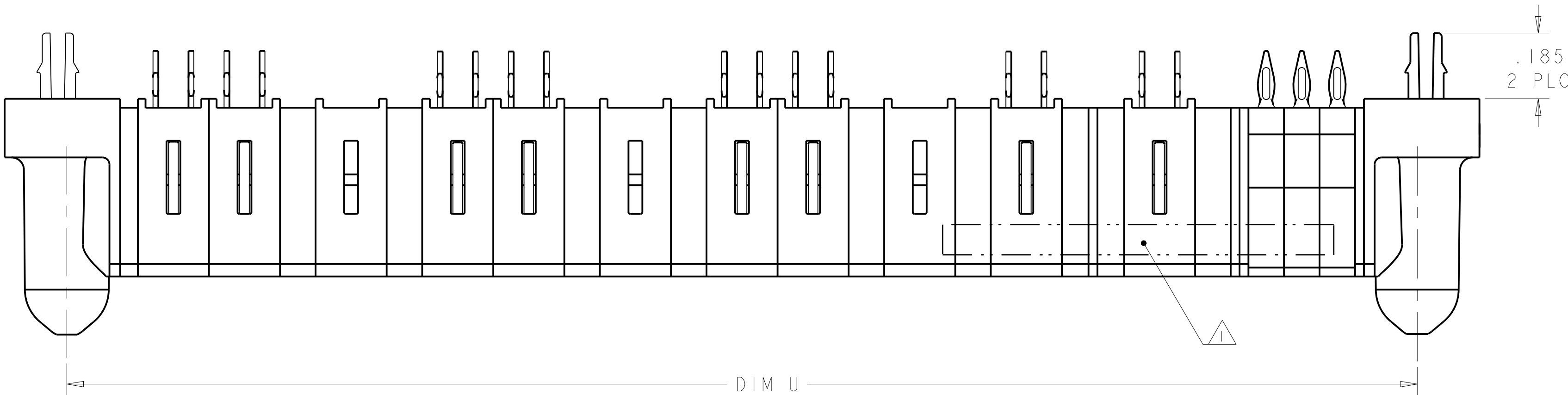
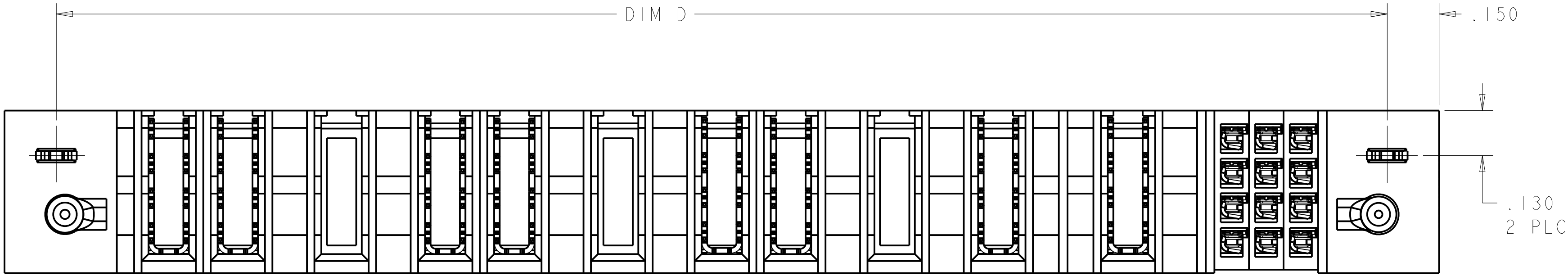


LOC		DIST		REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		E2		ADDED NEW DASH NUMBER 2-5	03MAY2012	CZ	SZ	
		E3		REVISED	16FEB2013	ML	SZ	
		E4		ADD NEW DASH NUMBER 2-6	09MAY2014	CZ	SZ	



- 1 "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0.
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 3 CONTACT PLATING: NOBLE METAL PLATED ON THE CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS.
- 4 MECHANICAL CONNECTOR KEEP OUT ZONE.
- 5 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 7 PCB - .0453 +/- .0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 PLATING TO ACHIEVE A .040 DIA. HOLE.
- 8 FOR DETAIL DIM PLEASE REFER TO TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	02MAY05	TE Connectivity	
		CHK M.PERCHEKKE	02MAY05		
DIMENSIONS:		APVD M.PERCHEKKE	02MAY05	NAME	
INCHES		PRODUCT SPEC		VERTICAL RECEPTACLE WITH GUIDES	
		108-1973		MULTI-BEAM XL	
		APPLICATION SPEC			
		114-13038			
MATERIAL		WEIGHT		SIZE	
- 2		-		A100779	
FINISH		CUSTOMER DRAWING		CAGE CODE	
- 3				6450541	
				DRAWING NO	
				RESTRICTED TO	
				SCALE	
				4:1	
				SHEET	
				1 OF 12	
				REV	
				E4	

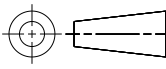
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

E 4

-	-	2.400	.250	.375	2.750	1.050	2.450	24S + 6P	2-6450541-6
-	-	-	-	.425	2.350	-	2.050	64S	2-6450541-5
-	-	1.100	-	.375	1.450	-	1.150	32S	2-6450541-4
-	-	3.800	.250	.375	4.150	3.450	3.850	120S + 2P	2-6450541-3
-	-	1.500	.250	.375	1.850	0.625	1.550	8S + 4P	2-6450541-2
-	-	1.600	.250	.375	1.950	0.725	1.650	12S + 4P	2-6450541-1
-	-	6.075	.200	.375	6.425	1.375	6.125	36S + 24P	2-6450541-0
-	-	4.025		.375	4.375	2.125	4.075	60S + 8P	1-6450541-9
-	-	2.925	.200	.375	3.275	1.025	2.975	24S + 10P	1-6450541-8
-	-	2.400	.250	.375	2.750	1.050	-	24S + 6P	1-6450541-7
-	-	1.750	.200	.375	2.100	.650	-	8S + 6HDP	1-6450541-4
-	-	0.950	.200	.375	1.300	.650	-	8S + 2HDP	1-6450541-3
-	-	1.700	.250	.375	2.050	.850	-	16S + 4P	1-6450541-2
-	-	2.850	.200	.375	3.200	.950	-	20S + 10HDP	6450541-7
-	-	2.900	.250	.375	3.250	1.050	-	24S + 8P	6450541-5
-	-	2.400	.250	.375	2.750	1.050	-	24S + 6P	6450541-4
-	-	1.900	.250	.375	2.250	1.050	-	24S + 4P	6450541-3
-	-	4.400	.250	.375	4.750	1.050	-	24S + 14P	6450541-2
.200	.600	3.800	.375	.400	4.150	.900	3.850	12S + 11P	6450541-1
DIM Y	DIM V	DIM U	DIM S	DIM K	DIM L	DIM W	DIM D	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES



MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES ±2°

FINISH -

DWN R.GRZYBOWSKI 02MAY05

CHK M.PERCHERKE 02MAY05

APVD M.PERCHERKE 02MAY05

PRODUCT SPEC 108-1973

APPLICATION SPEC 114-13038

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME VERTICAL RECEPTACLE WITH GUIDES MULTI-BEAM XL

SIZE A100779

CAGE CODE C=6450541

DRAWING NO

RESTRICTED TO -

SCALE 4:1

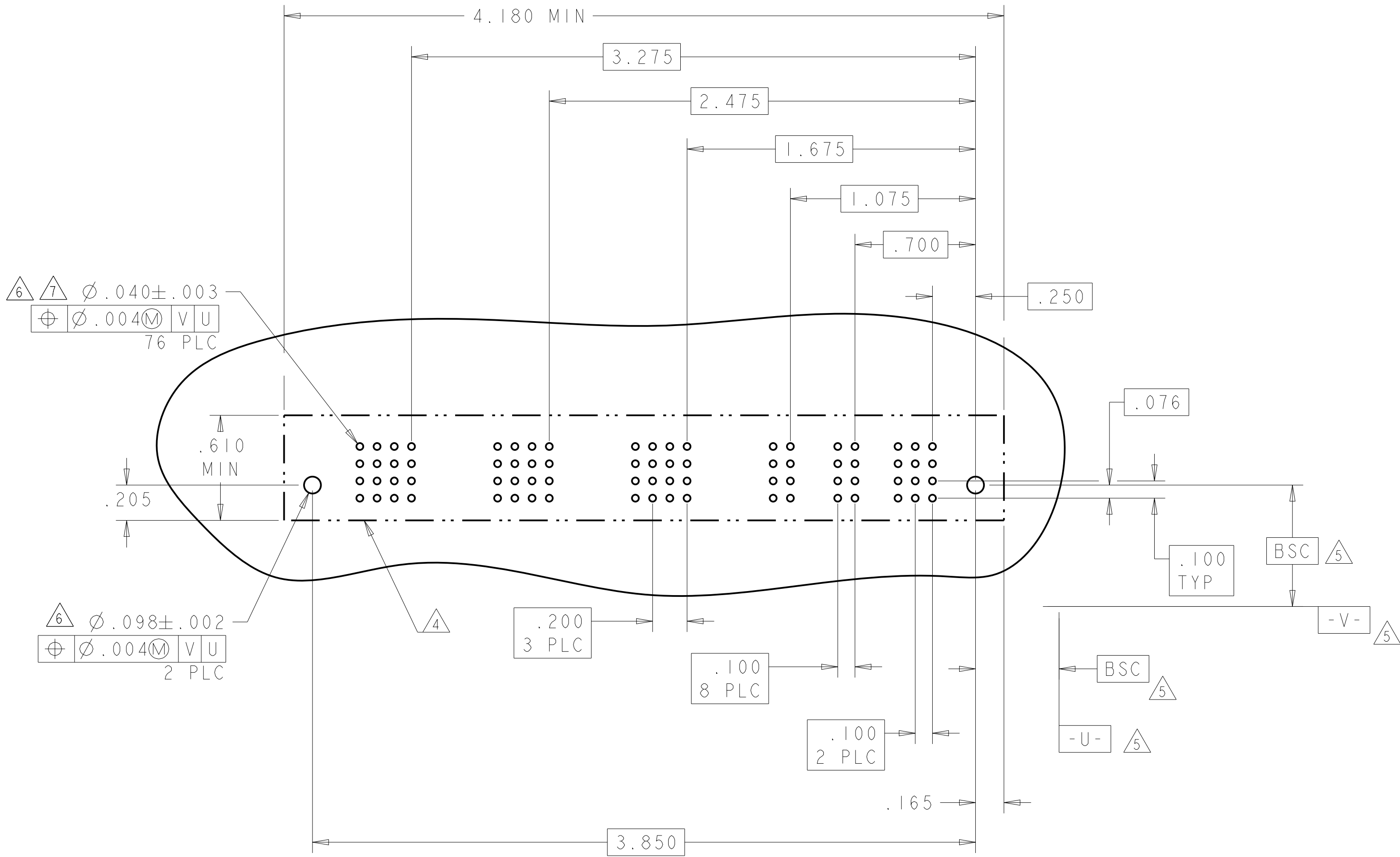
SHEET 2 OF 12

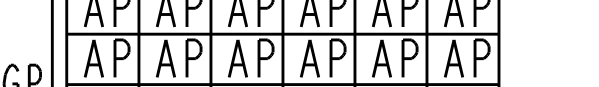
REV E 4

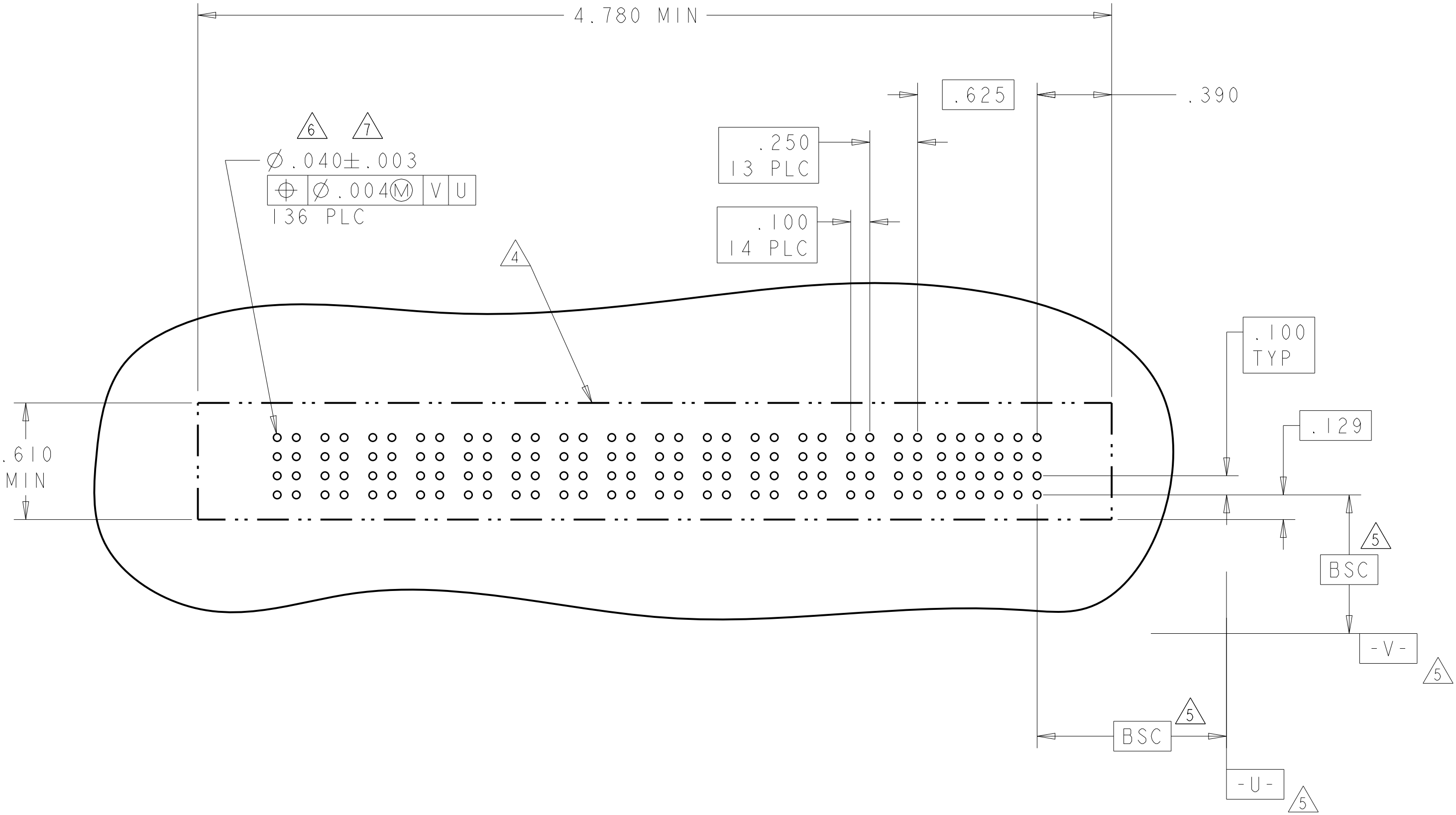
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET I	-	-	-

PART NUMBER	ROWS		POWER										SIGNAL			
			P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	3	2	
6450541-1	D C B A	HD	GP GP		GP GP		GP GP		GP	GP		GP	AP	AP	AP	HD
													AP	AP	AP	
													AP	AP	AP	
													AP	AP	AP	
12S + 11P																

NO CONTACTS LOADED



ASSY PART NUMBER	ROWS		POWER														SIGNAL							
			P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1		
6450541-2	D C B A																							
24S + 14P																								



.165	HS	STD POWER PRESS FIT CONTACT
.165	BP	SIGNAL PRESS FIT CONTACT
.135	GS	STD POWER PRESSFIT CONTACT
.135	GP	MFBL POWER PRESSFIT CONTACT
.135	AP	SIGNAL PRESSFIT CONTACT
TAIL LENGTH	CODE	DESCRIPTION

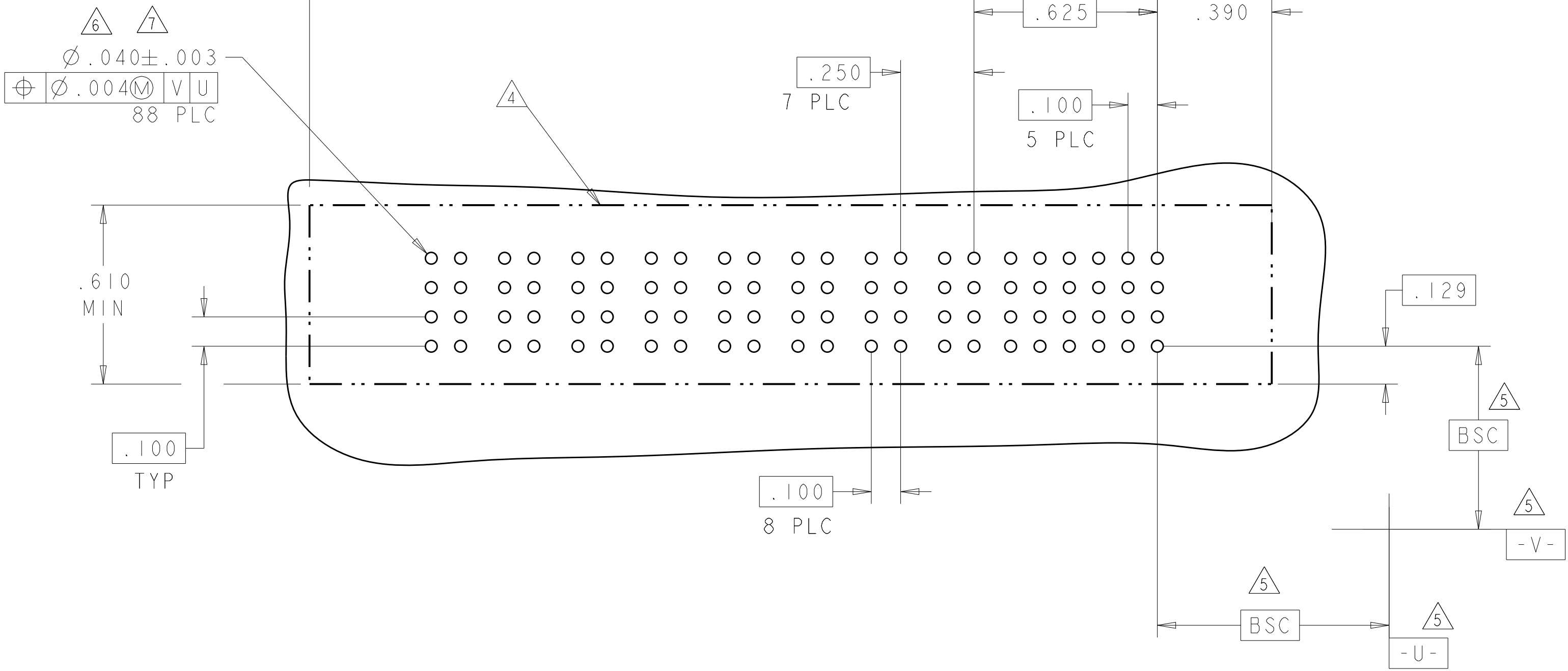
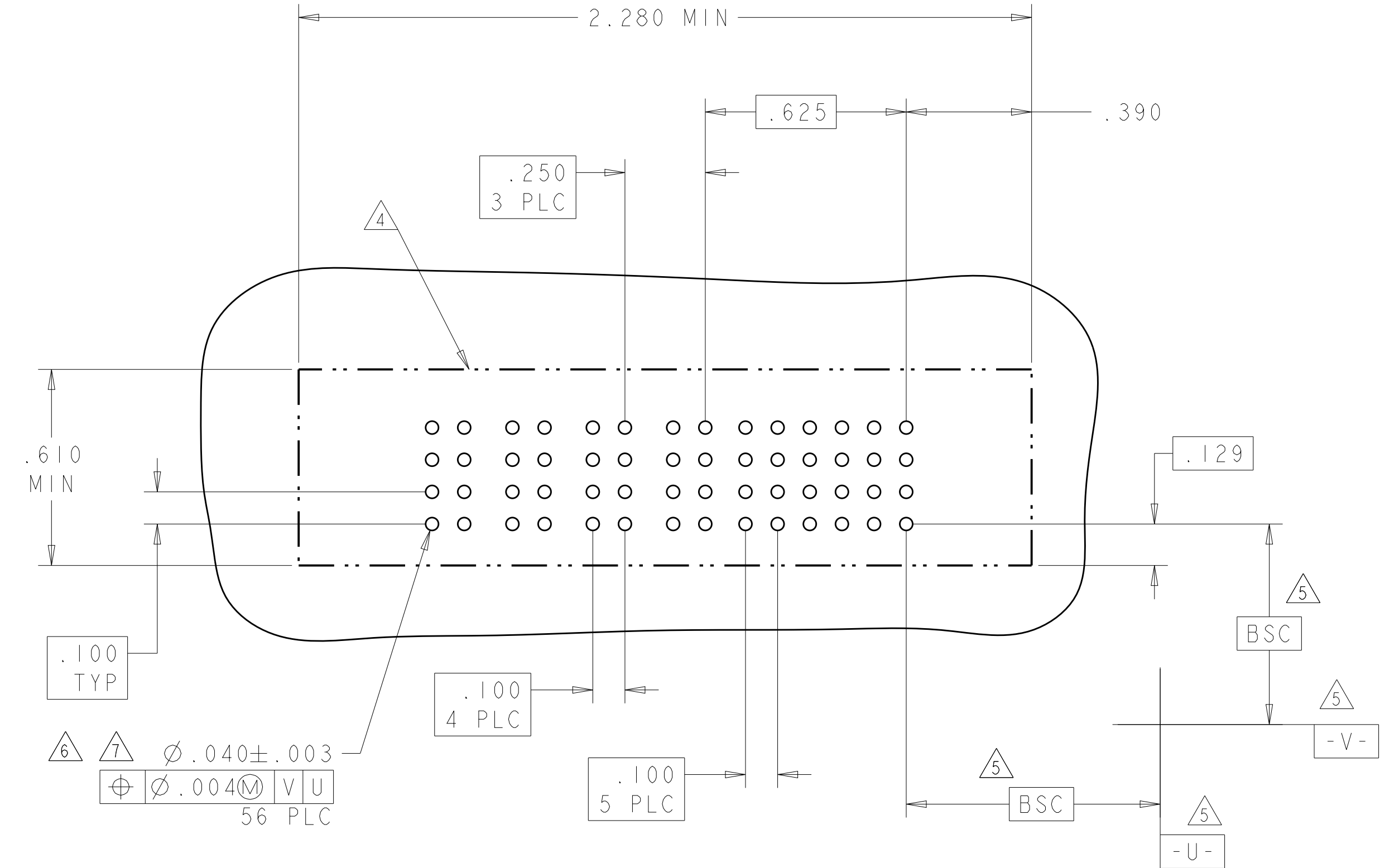
CONTACT TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 02MAY05		
		CHK M.PERCHERKE 02MAY05		
		APVD M.PERCHERKE 02MAY05		
DIMENSIONS:		PRODUCT SPEC	NAME	
INCHES		108-1973	VERTICAL RECEPTACLE WITH GUIDES	
		APPLICATION SPEC	MULTI-BEAM XL	
		114-13038		
MATERIAL		WEIGHT	SIZE	
			A100779C=6450541	
			CUSTOMER DRAWING	
			SCALE	
			4:1	
			SHEET	
			3 OF 12	
			REV	
			E4	

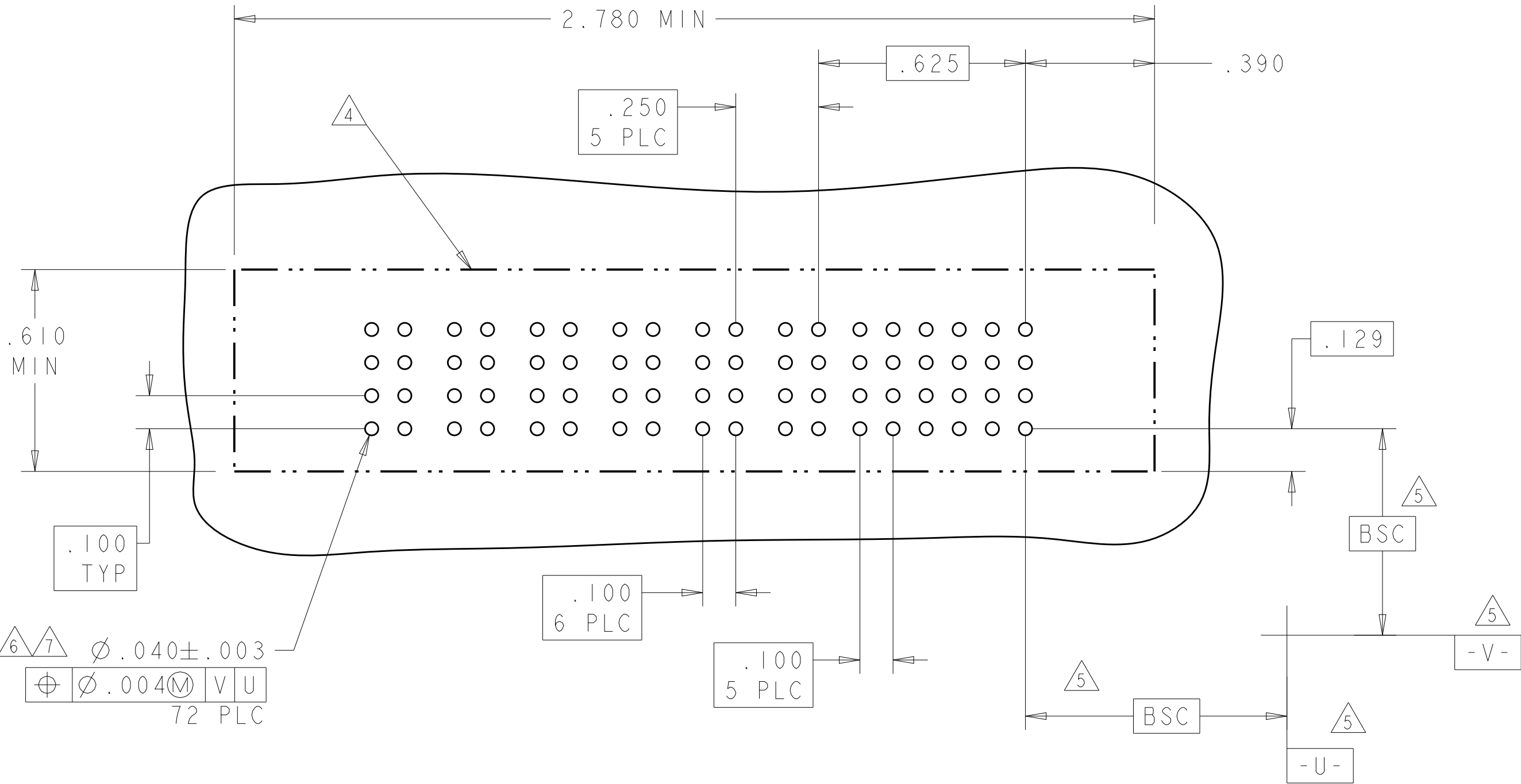
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

ASSY PART NUMBER	ROWS		POWER				SIGNAL							
			P4	P3	P2	P1	6	5	4	3	2	1		
6450541-3	D C B A			GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	
								AP	AP	AP	AP	AP	AP	
								AP	AP	AP	AP	AP	AP	
								AP	AP	AP	AP	AP	AP	
24S + 4P														

PART NUMBER	ROWS		POWER								SIGNAL									
			P8	P7	P6	P5	P4	P3	P2	PI	6	5	4	3	2	1				
6450541-5	D C B A			GP		GP		GP		GP		GP	AP	AP	AP	AP	AP	AP		
													AP	AP	AP	AP	AP	AP		AP
													AP	AP	AP	AP	AP	AP		AP
													AP	AP	AP	AP	AP	AP		AP
24S + 8P																				



ASSY PART NUMBER	ROWS		POWER						SIGNAL						
			P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	
6450541-4	D C B A							AP	AP	AP	AP	AP	AP		
								AP	AP	AP	AP	AP	AP		
								AP	AP	AP	AP	AP	AP		
								AP	AP	AP	AP	AP	AP		
24S + 6P															



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: R. GRZYBOWSKI 02MAY05
CHK: M. PERCHERKE 02MAY05
APVD: M. PERCHERKE 02MAY05

DIMENSIONS:
INCHES

MATERIAL: -

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

FINISH: -

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

WEIGHT: -

CUSTOMER DRAWING

NAME: VERTICAL RECEPTACLE WITH GUIDES MULTI-BEAM XL

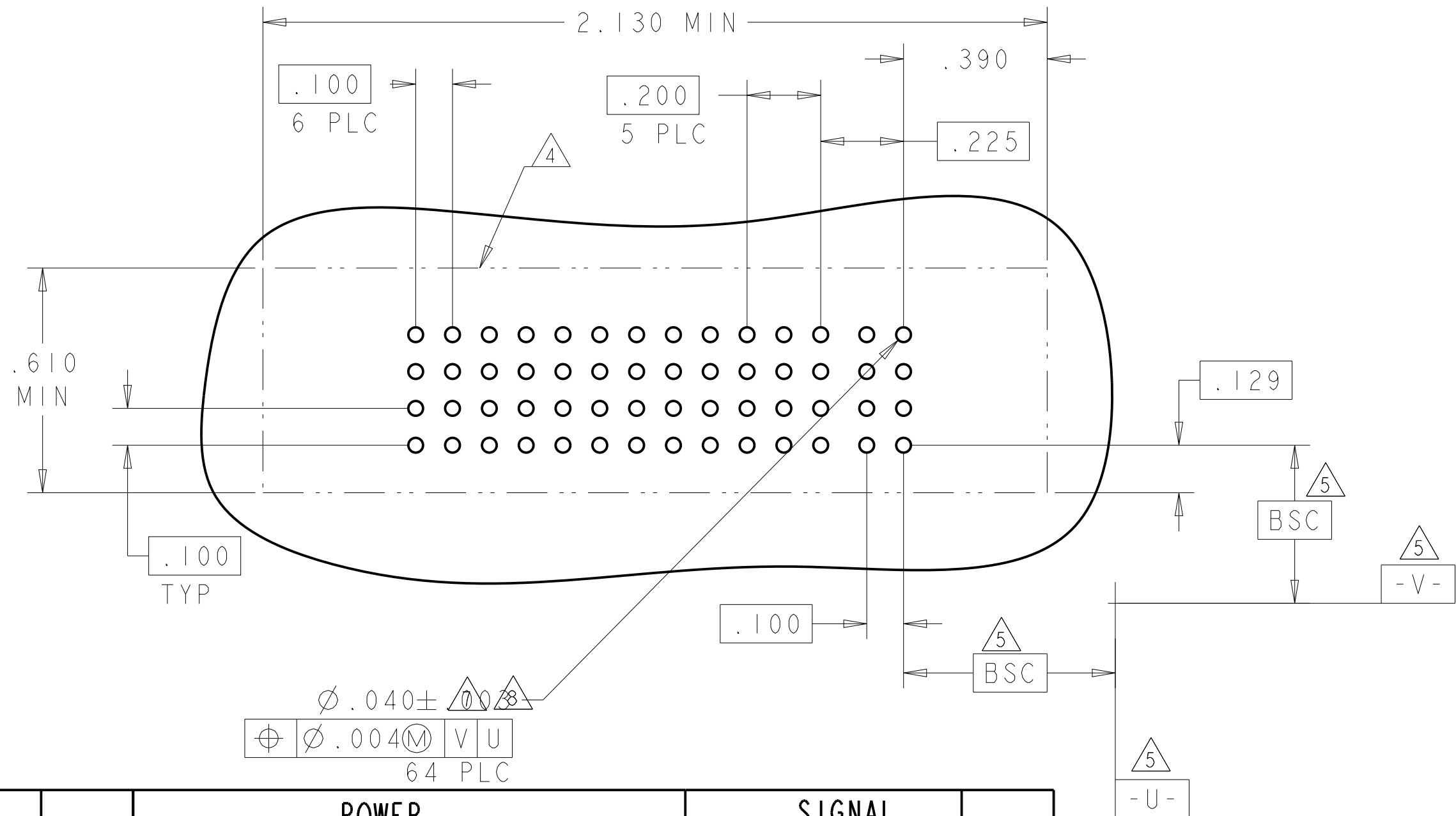
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RESTRICTED TO: -

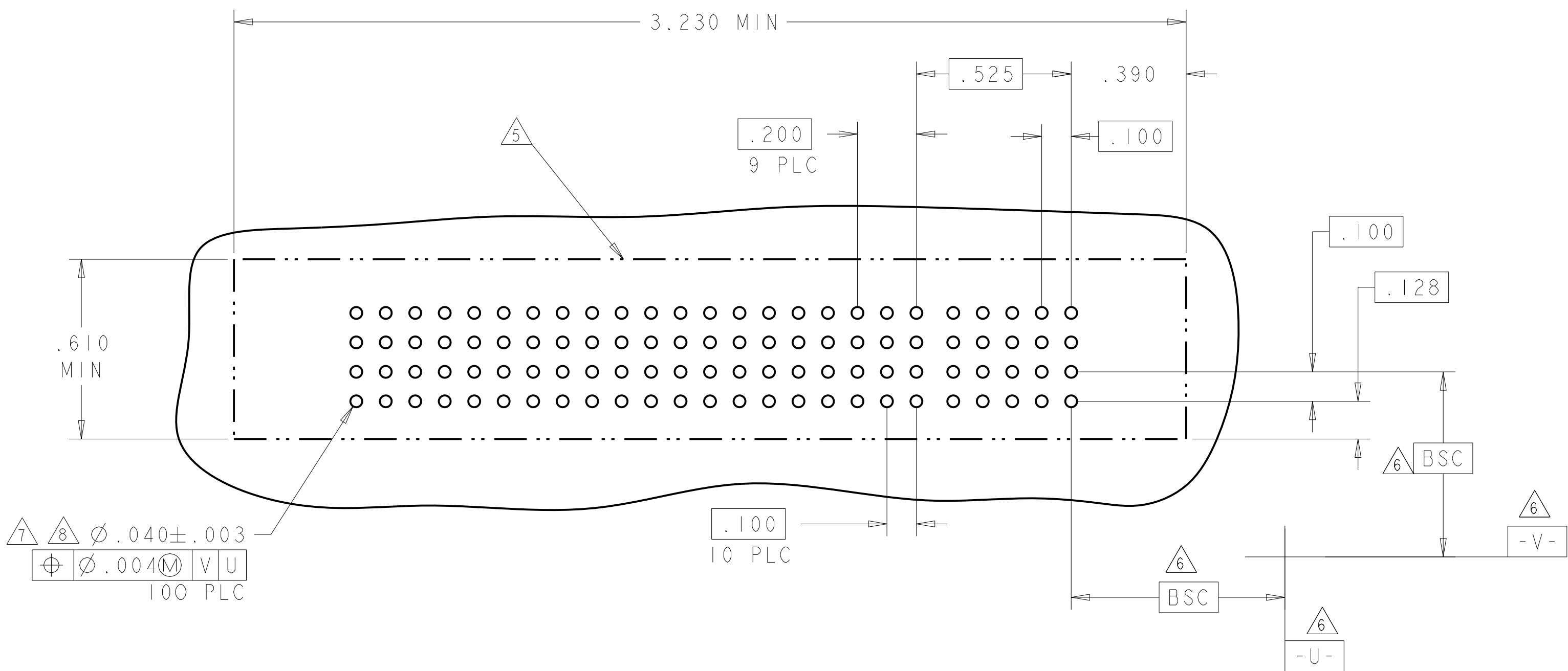
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SHEET: 4 OF 12

REV: E4

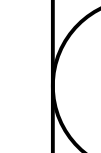
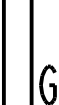
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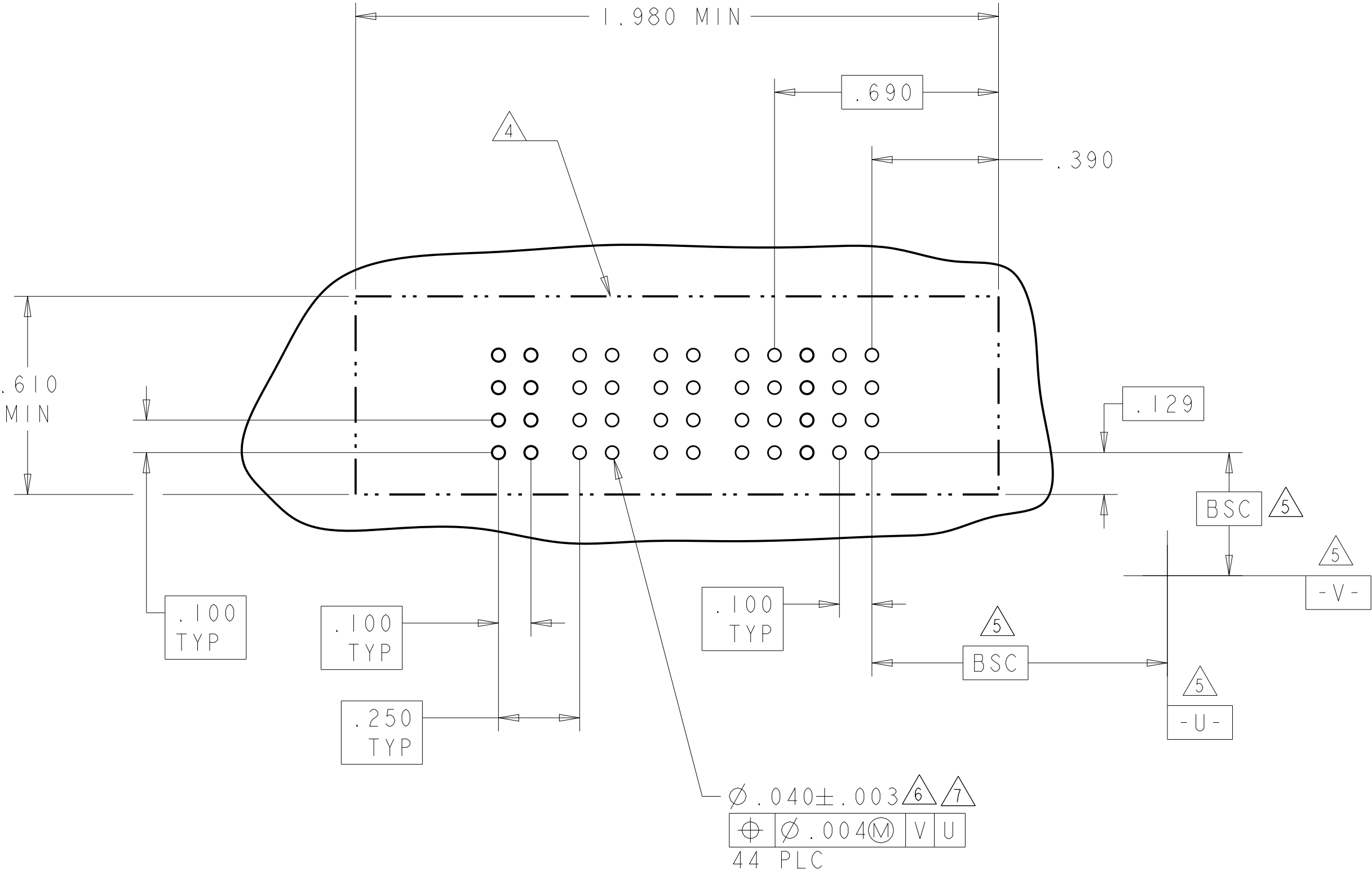
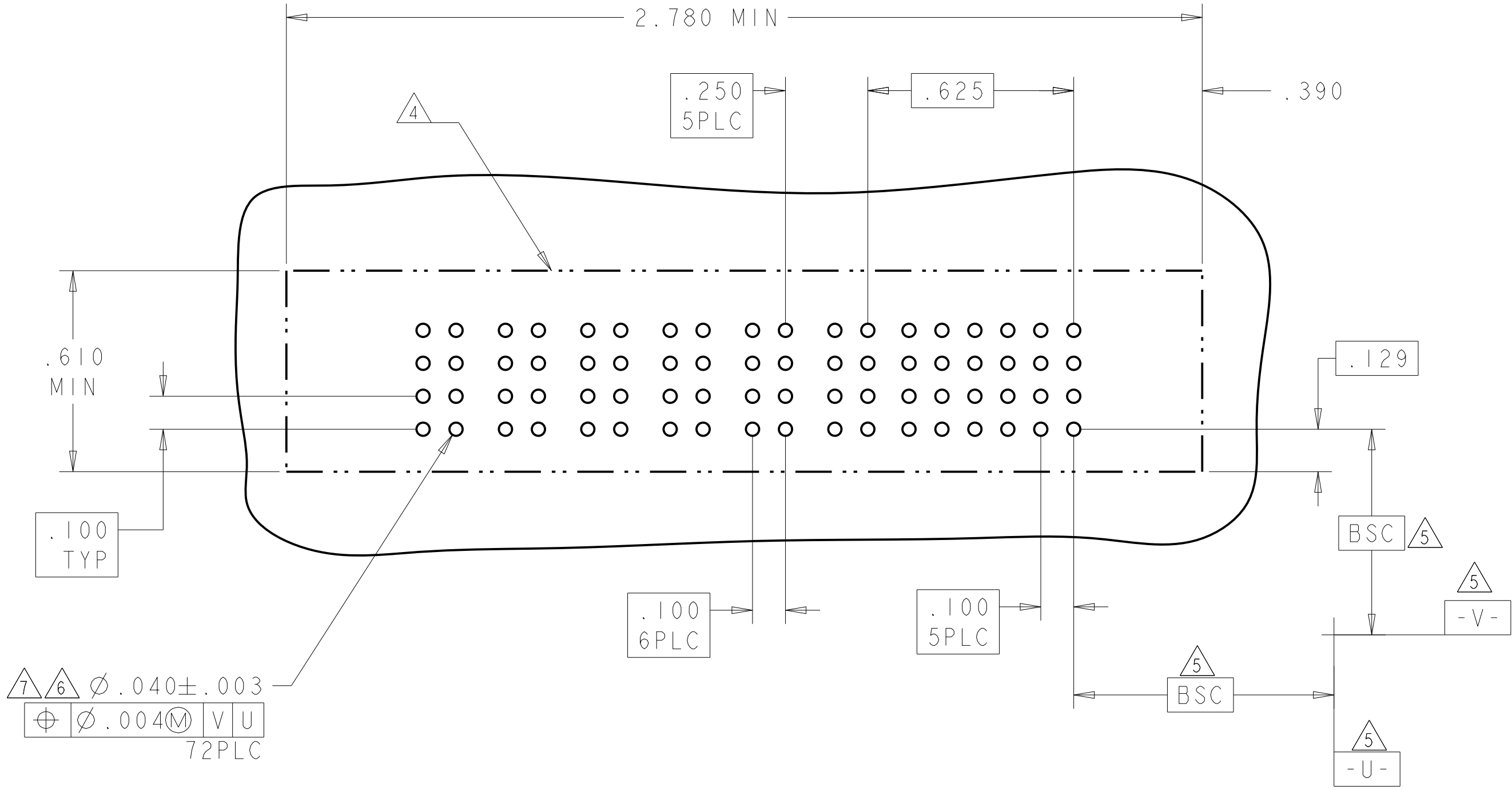
PART NUMBER	ROWS		POWER										SIGNAL					
			P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	5	4	3	2	1	
6450541-7	D C B A																	
																		
20S + 10HDP																		



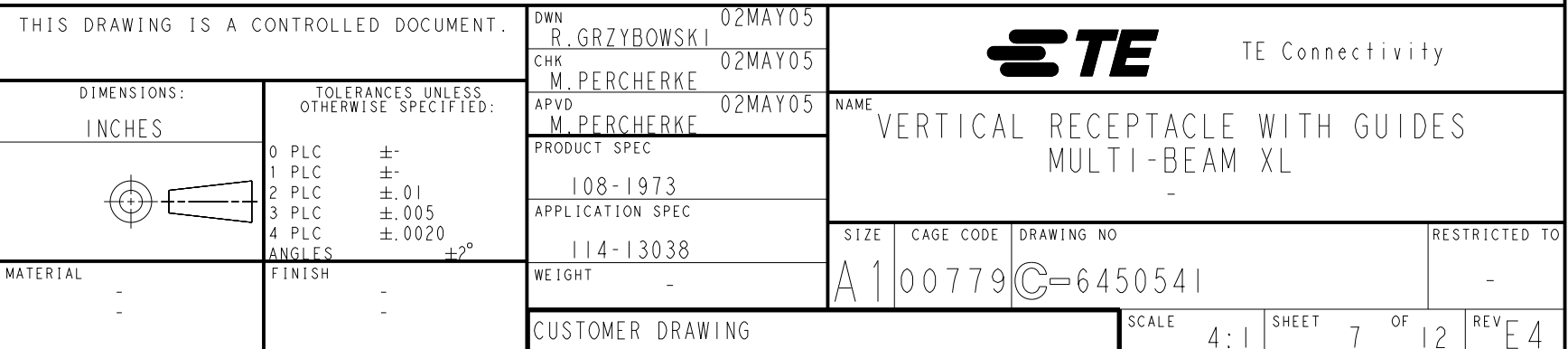
LOC		DIST		REVISONS				
GP	00	P	LTR	DESCRIPTION		DATE	DWN	APVD
		-		SEE SHEET 1		-	-	-

ASSY PART NUMBER	ROWS		POWER						SIGNAL						
			P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	
1-6450541-7	D C B A								AP	AP	AP	AP	AP	AP	
									AP	AP	AP	AP	AP	AP	
									AP	AP	AP	AP	AP	AP	
									AP	AP	AP	AP	AP	AP	
24S + 6P															

PART NUMBER	ROWS		POWER				SIGNAL			
			P4	P3	P2	P1	3	2	1	
2-6450541-1	D C B A						AP	AP	AP	
							AP	AP	AP	
							AP	AP	AP	
							AP	AP	AP	
12S + 4P										

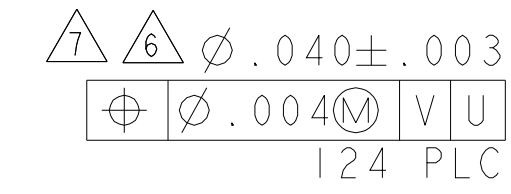


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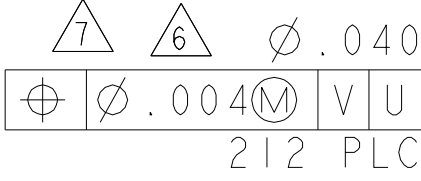
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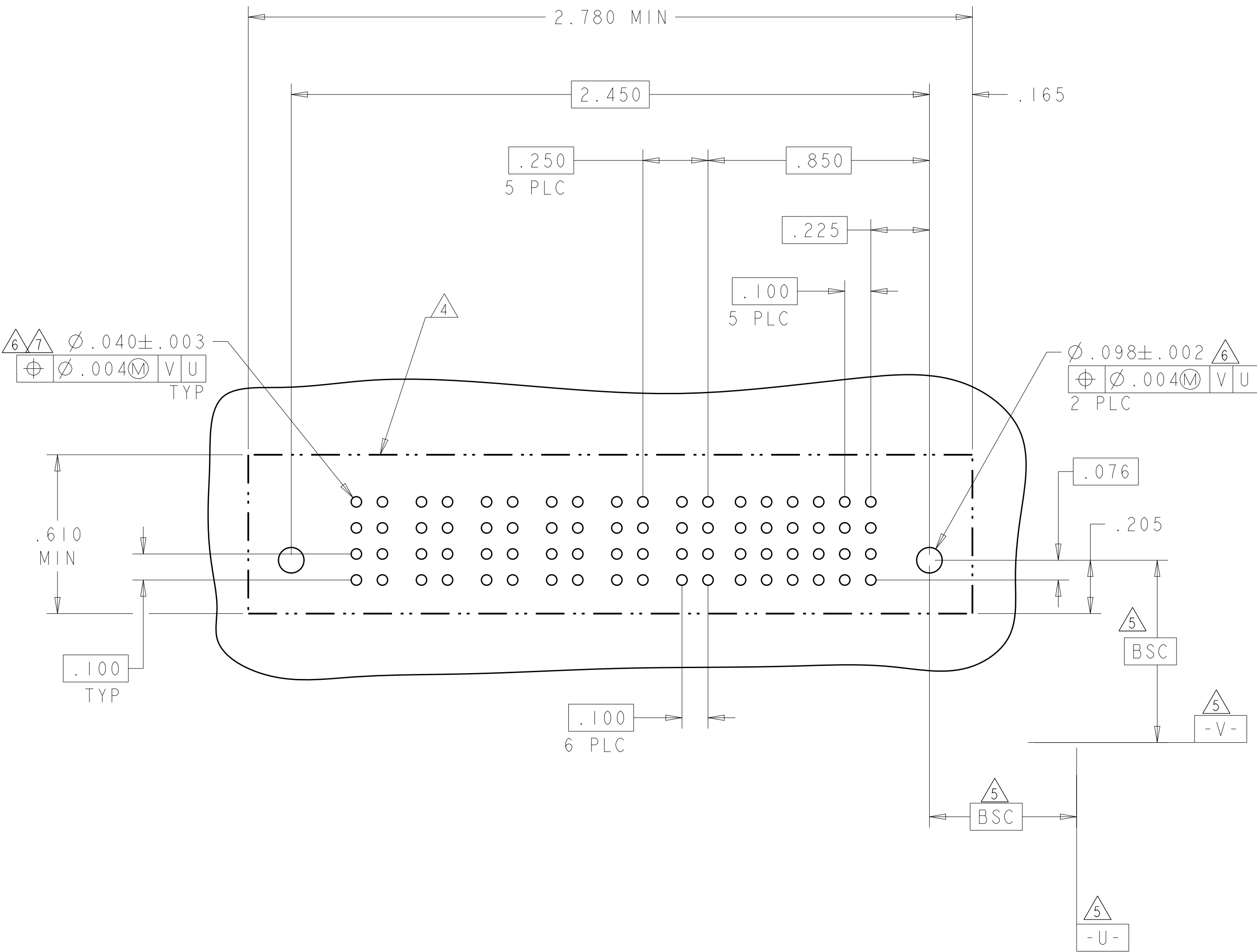
4805 (3/11)

-NO CONTACTS LOADED

-NO CONTACTS LOADED

4805 (3/11)

[illegible]4805 (3/11)

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