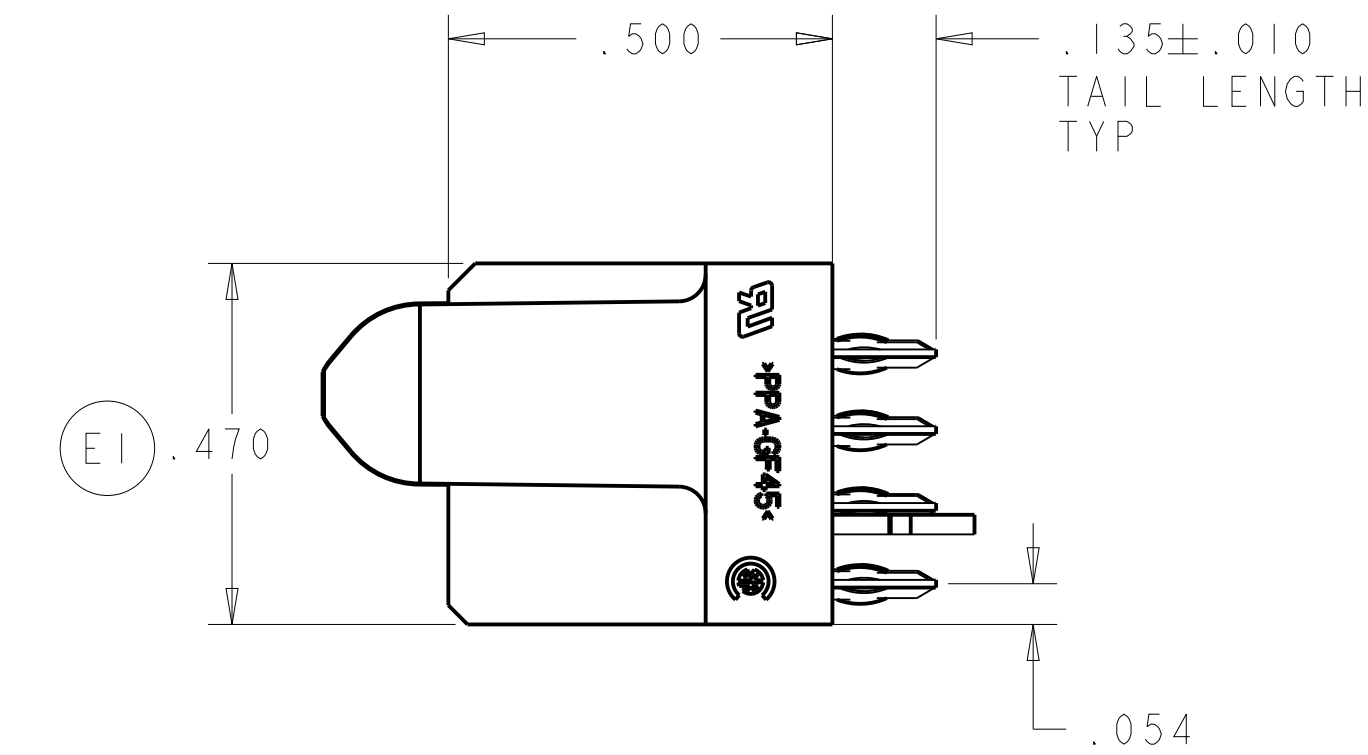
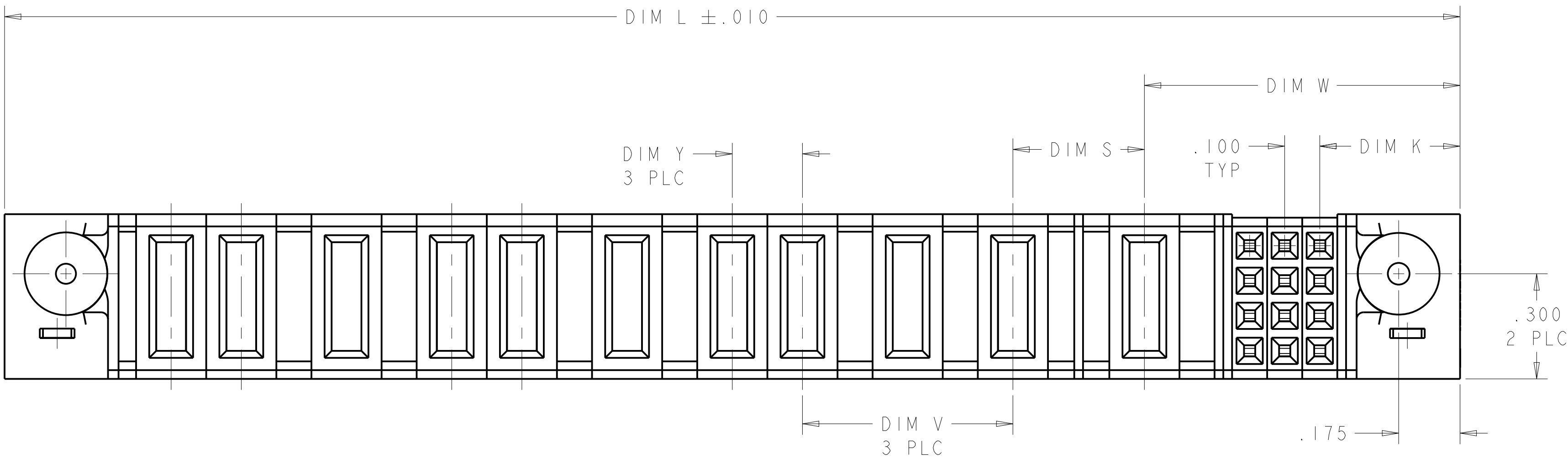
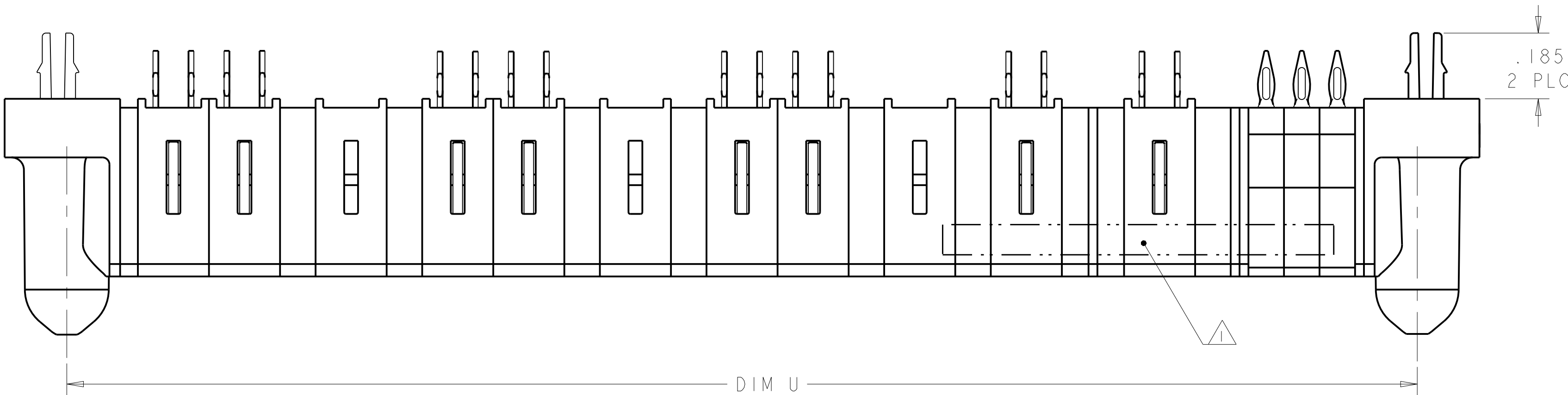
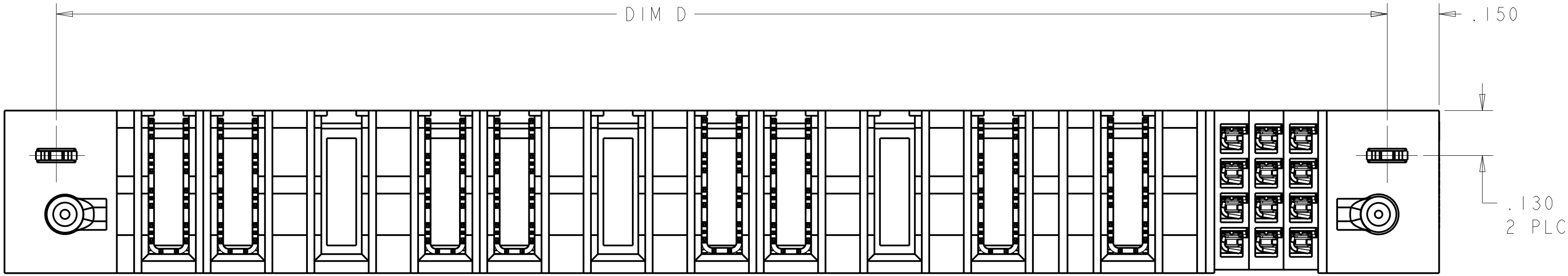


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GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		E2		ADDED NEW DASH NUMBER 2-5	03MAY2012	CZ	SZ	
		E3		REVISED	16FEB2013	ML	SZ	
		E4		ADD NEW DASH NUMBER 2-6	09MAY2014	CZ	SZ	



- 1 "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O.
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

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES ±.2°

FINISH

MATERIAL

DWN

M. PERCHERKE

02MAY05

CHK

M. PERCHERKE

02MAY05

APVD

M. PERCHERKE

02MAY05

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

NAME

VERTICAL RECEPTACLE WITH GUIDES
MULTI-BEAM XL

SIZE

A1

CAGE CODE

00779

DRAWING NO

6450541

RESTRICTED TO

-

SCALE

4:1

SHEET

1

OF

12

REV

E4

TE Connectivity

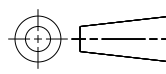
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

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

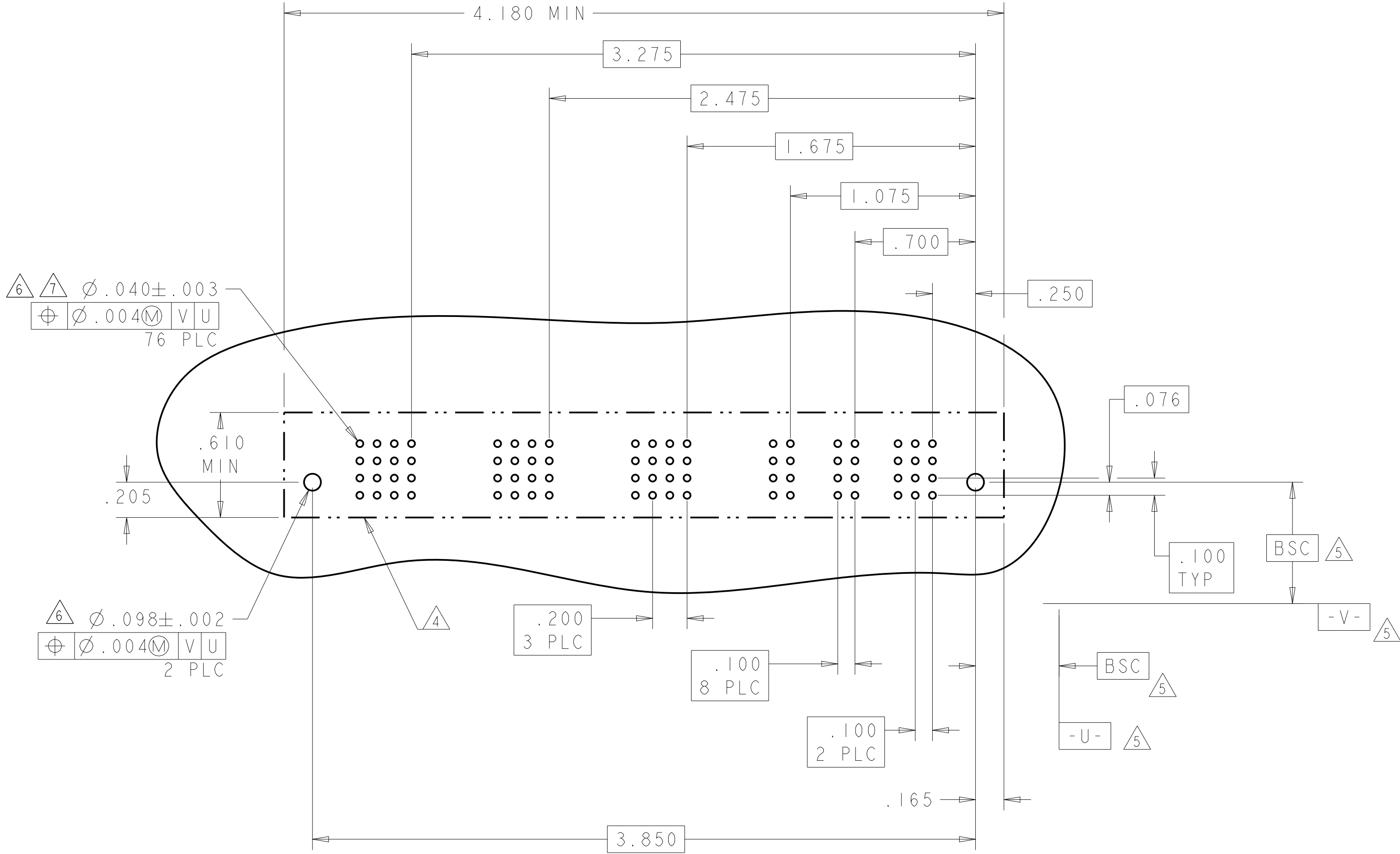
SHEET 2 OF 12

REV E 4

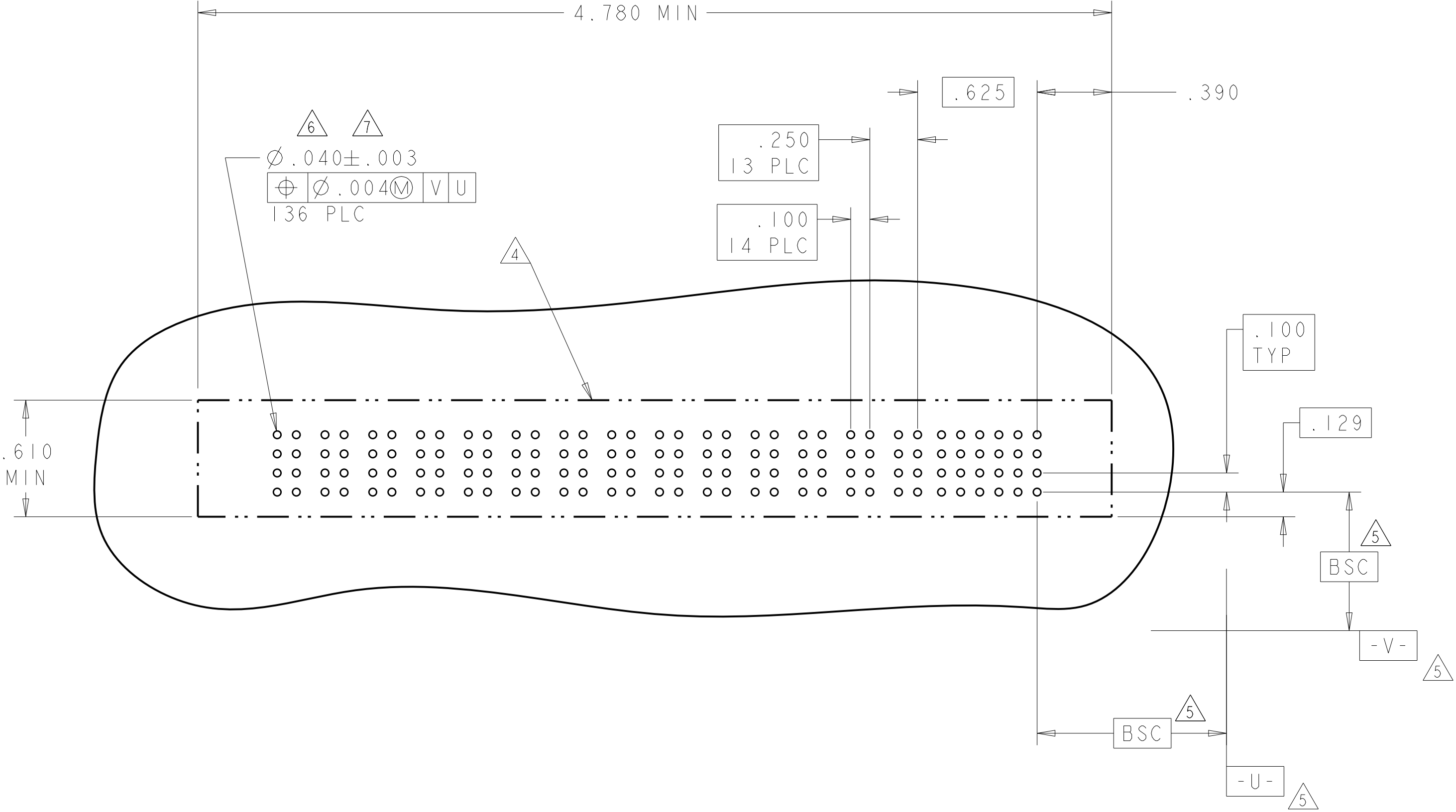
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER										SIGNAL			
			PII	PI0	P9	P8	P7	P6	P5	P4	P3	P2	PI	3	2	
6450541-1	D C B A	HD	GP 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																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 + 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 CHK M. PERCHERKE APVD M. PERCHERKE	02MAY05 02MAY05 02MAY05	NAME		RESTRICTED TO	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		APPLICATION SPEC	
INCHES		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020		108-1973		114-13038	
MATERIAL		FINISH		WEIGHT		CUSTOMER DRAWING	
-		-		-		-	
-		-		-		-	

TE Connectivity

VERTICAL RECEPTACLE WITH GUIDES
MULTI-BEAM XL

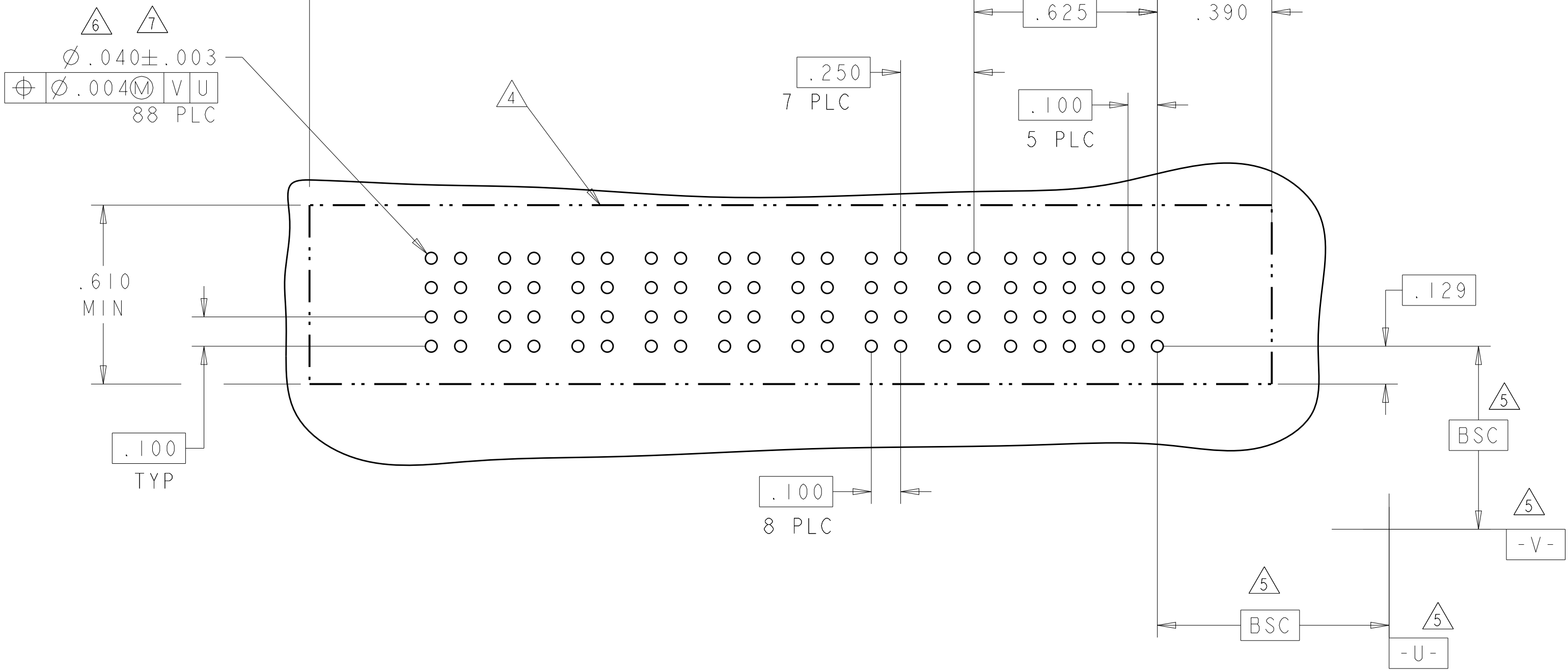
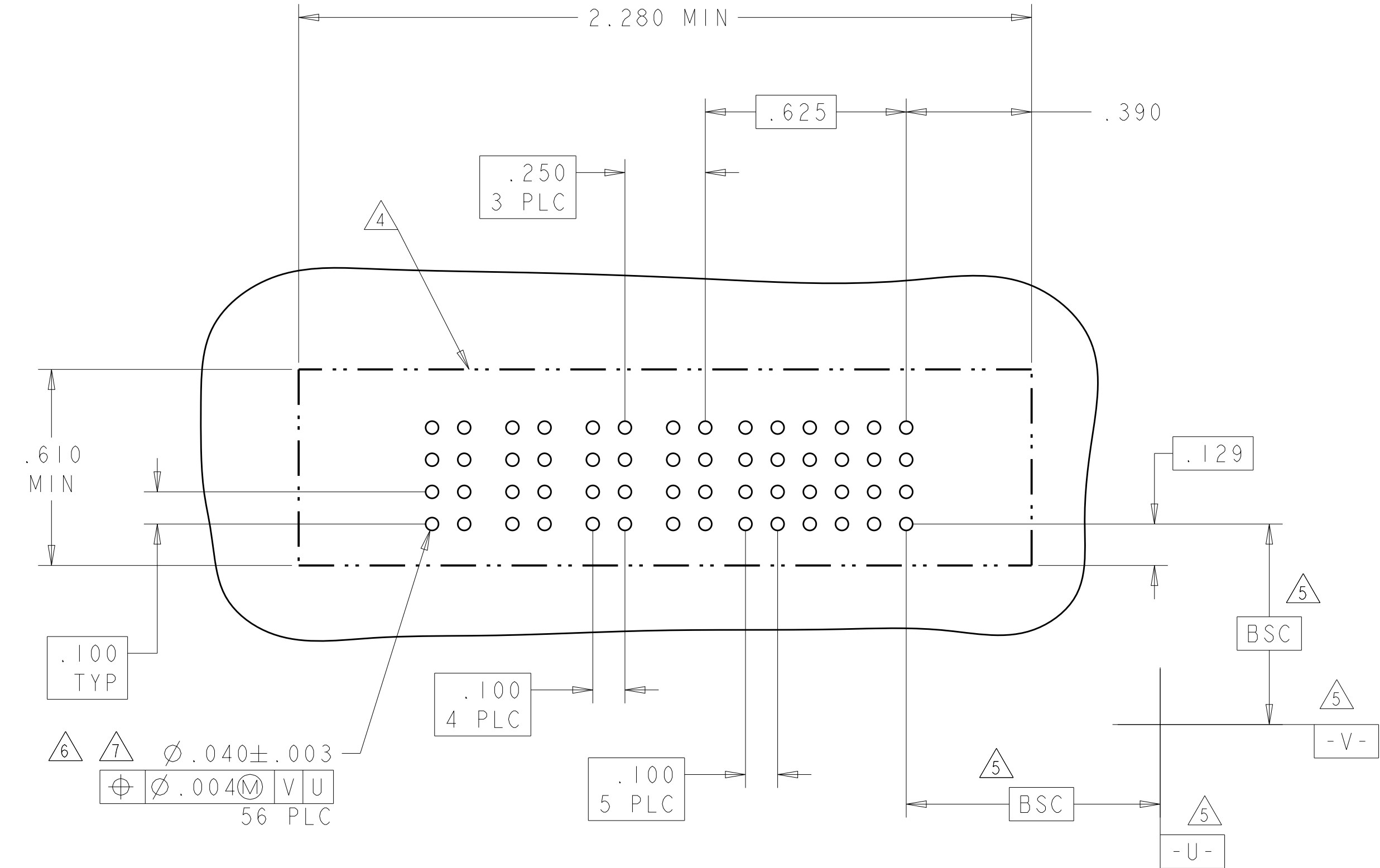
SIZE CAGE CODE DRAWING NO
A100779C=6450541

SCALE 4:1 SHEET 3 OF 12 REV E4

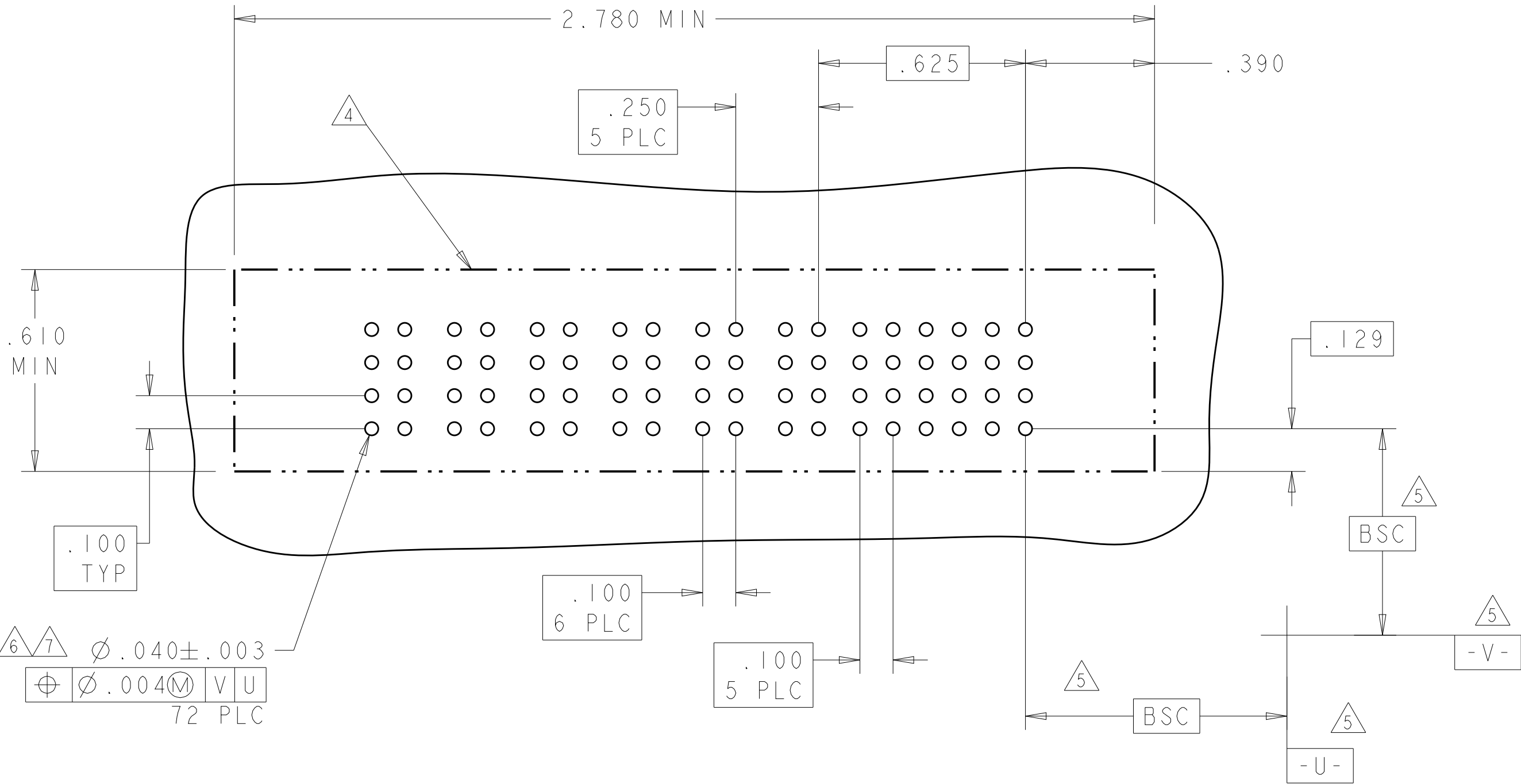
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

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



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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

TE Connectivity

VERTICAL RECEPTACLE WITH GUIDES
MULTI-BEAM XL

SIZE CAGE CODE DRAWING NO
A100779C=6450541

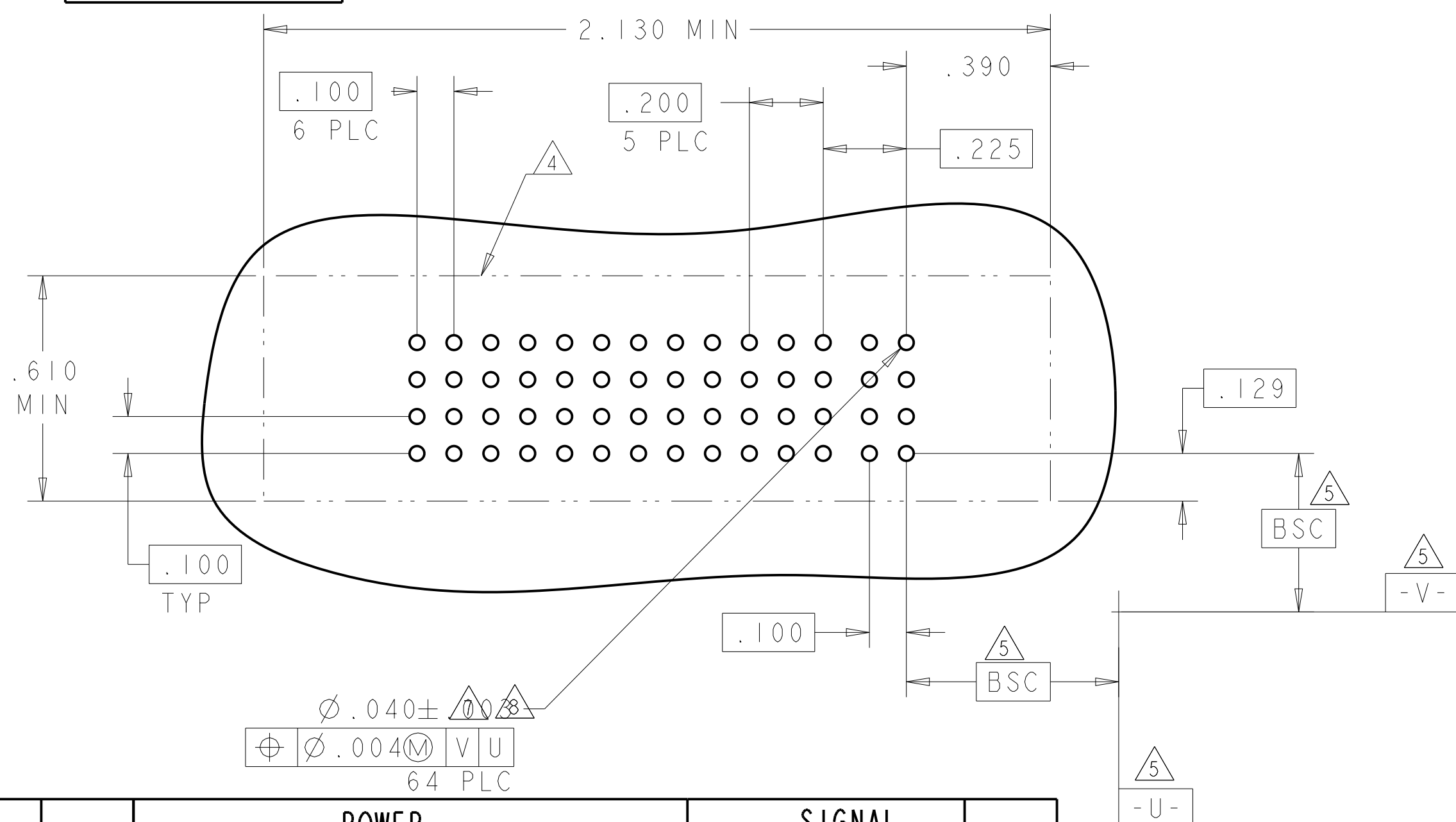
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SCALE 4:1

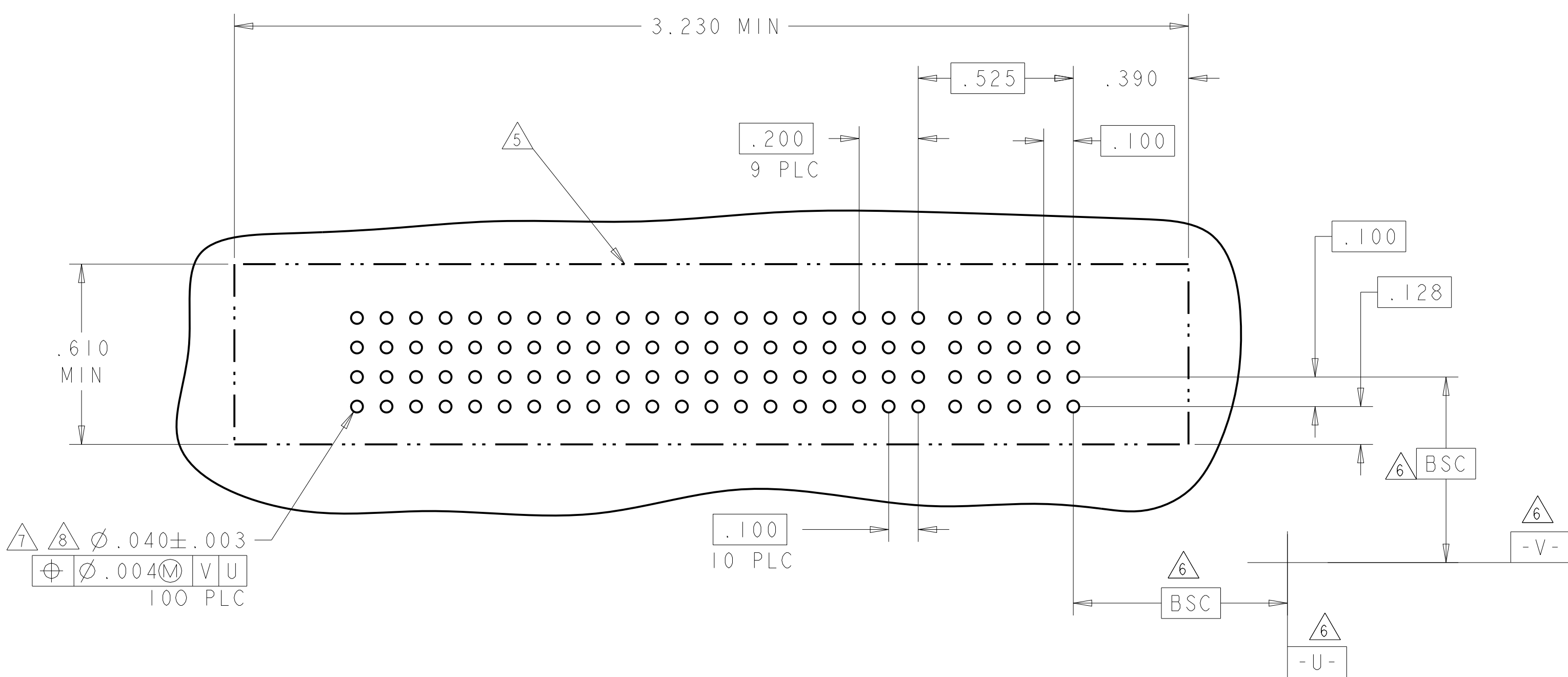
SHEET 4 OF 12

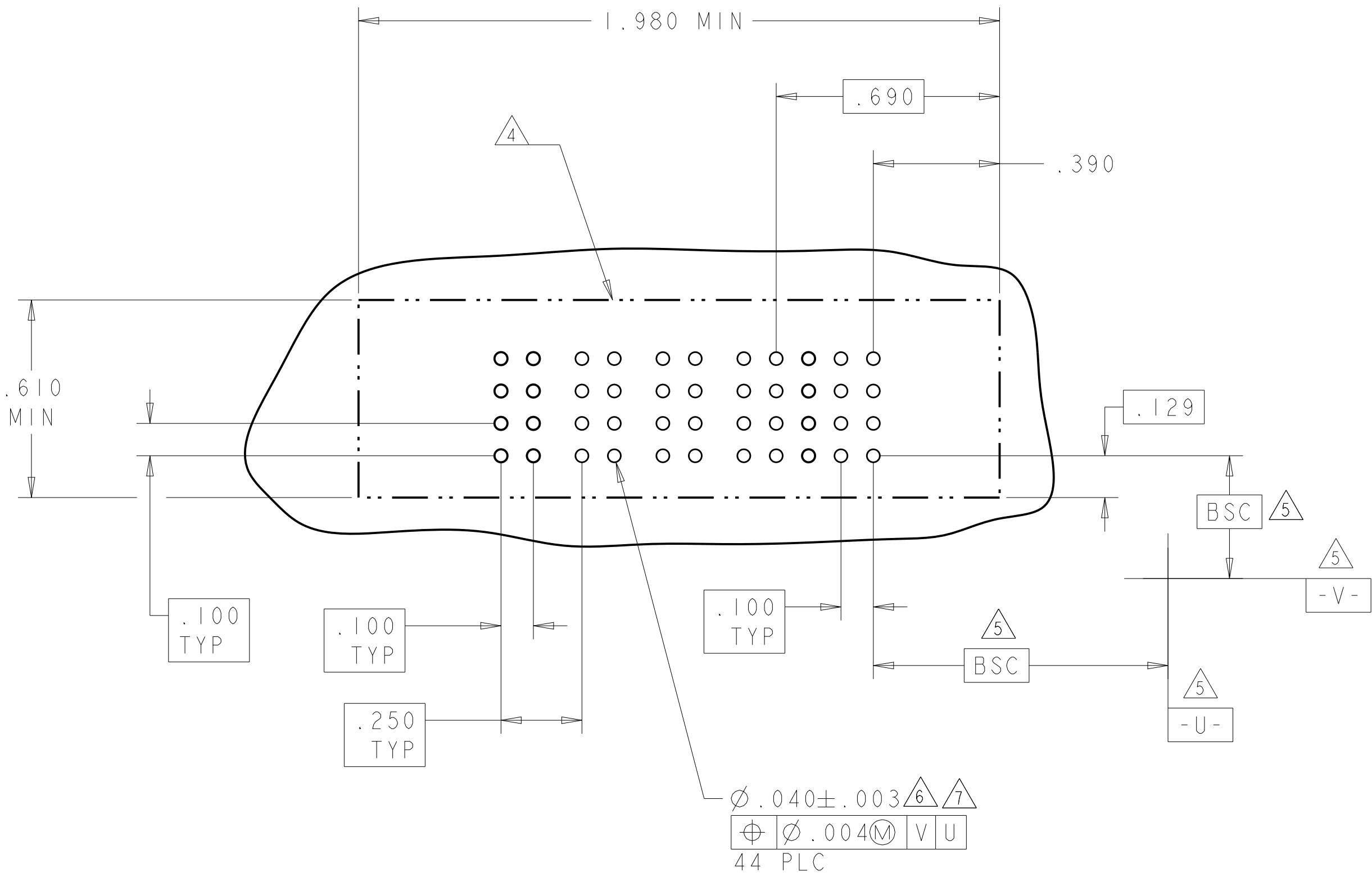
REV E4

PART NUMBER	ROWS		POWER							SIGNAL		
			P6	P5	P4	P3	P2	P1	2	1		
I-6450541-4	D C B A											
8S + 6HDP									BP	BP		
									BP	BP		
									BP	BP		
									BP	BP		

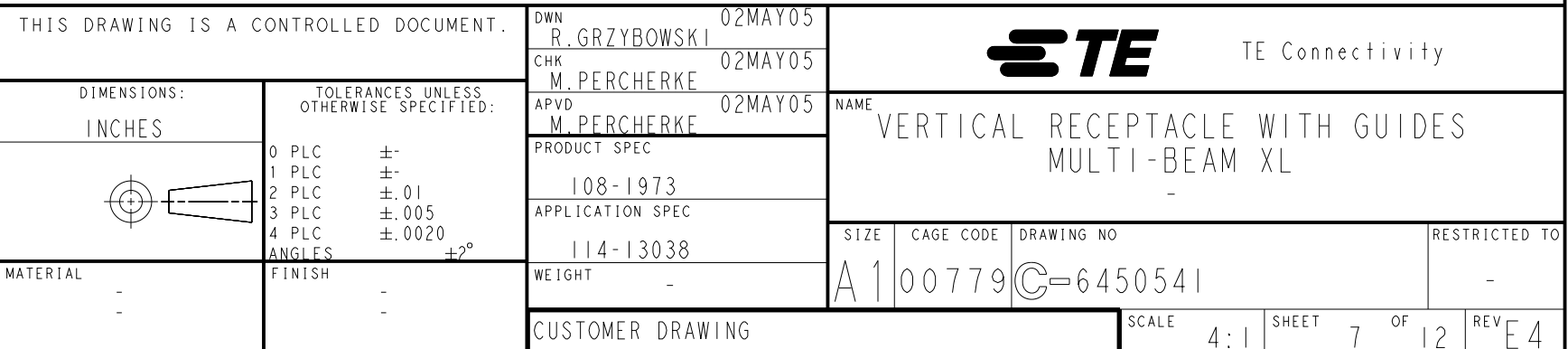


PART NUMBER	ROWS		POWER										SIGNAL																																																																																																																																																																																									
			P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	5	4	3	2	1																																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



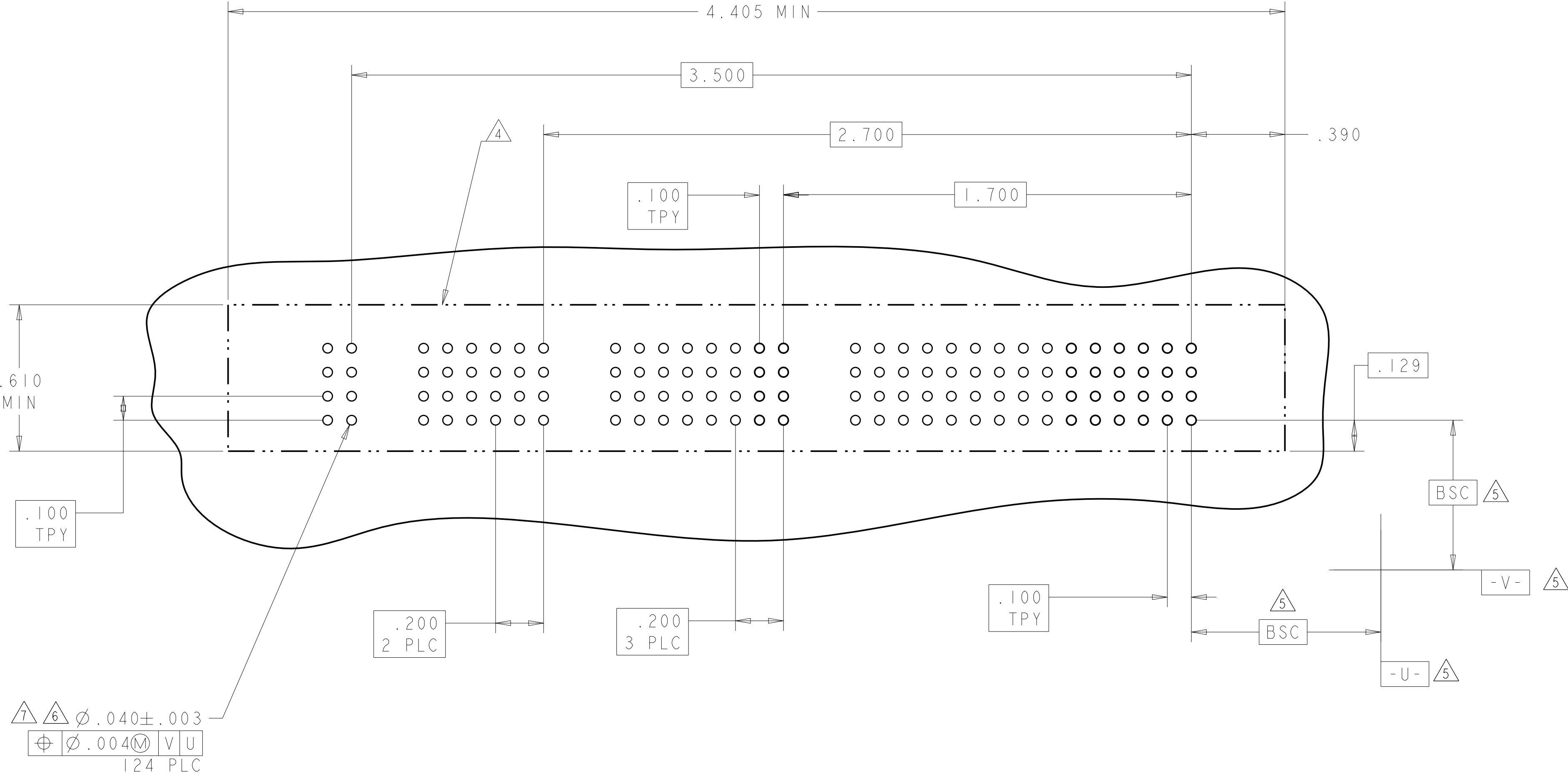
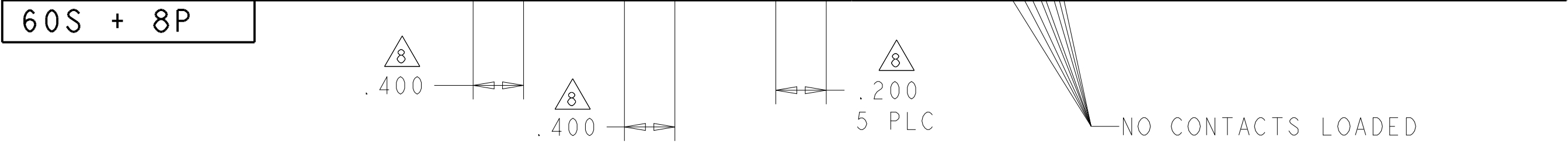
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NO CONTACTS LOADED



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

ASSY PART NUMBER	ROWS		POWER								SIGNAL																
			P8	P7	P6	P5	P4	P3	P2	P1	I5	I4	I3	I2	I1	I0	I9	I8	I7	I6	I5	I4	I3	I2	I1		
1-6450541-9	D C B A		GS	GS	GS	GS	GS	GS	GS	GS	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	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	AP	AP	AP	AP



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

R.GRZYBOWSKI

02MAY05

CHK

M.PERCHERKE

02MAY05

APVD

M.PERCHERKE

02MAY05

TE

TE Connectivity

NAME

VERTICAL RECEPTACLE WITH GUIDES
MULTI-BEAM XL

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

SCALE

4:1

SHEET

8

OF

12

REV

E4

DIMENSIONS:

INCHES

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±"

±.01

±.005

±.0020

±2°

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±"

±.01

±.005

±.0020

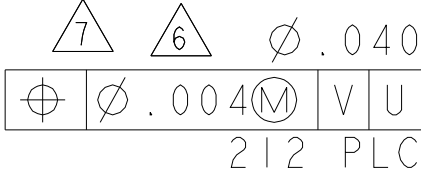
±2°

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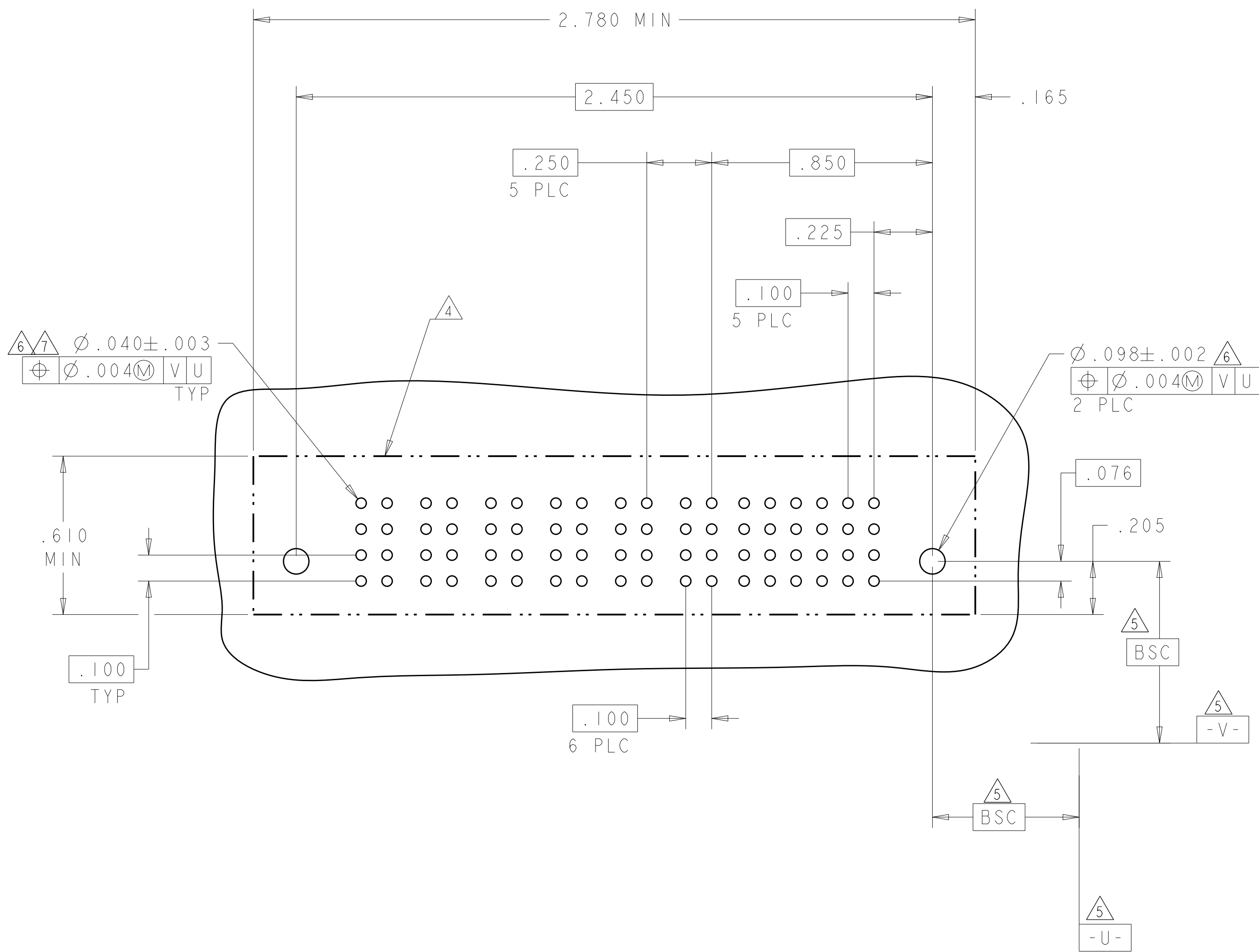
4805 (3/11)

-NO CONTACTS LOADED

-NO CONTACTS LOADED

4805 (3/11)

[illegible]4805 (3/11)

[illegible]4805 (3/11)

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Authorized Distributor

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[6450541-7](#)