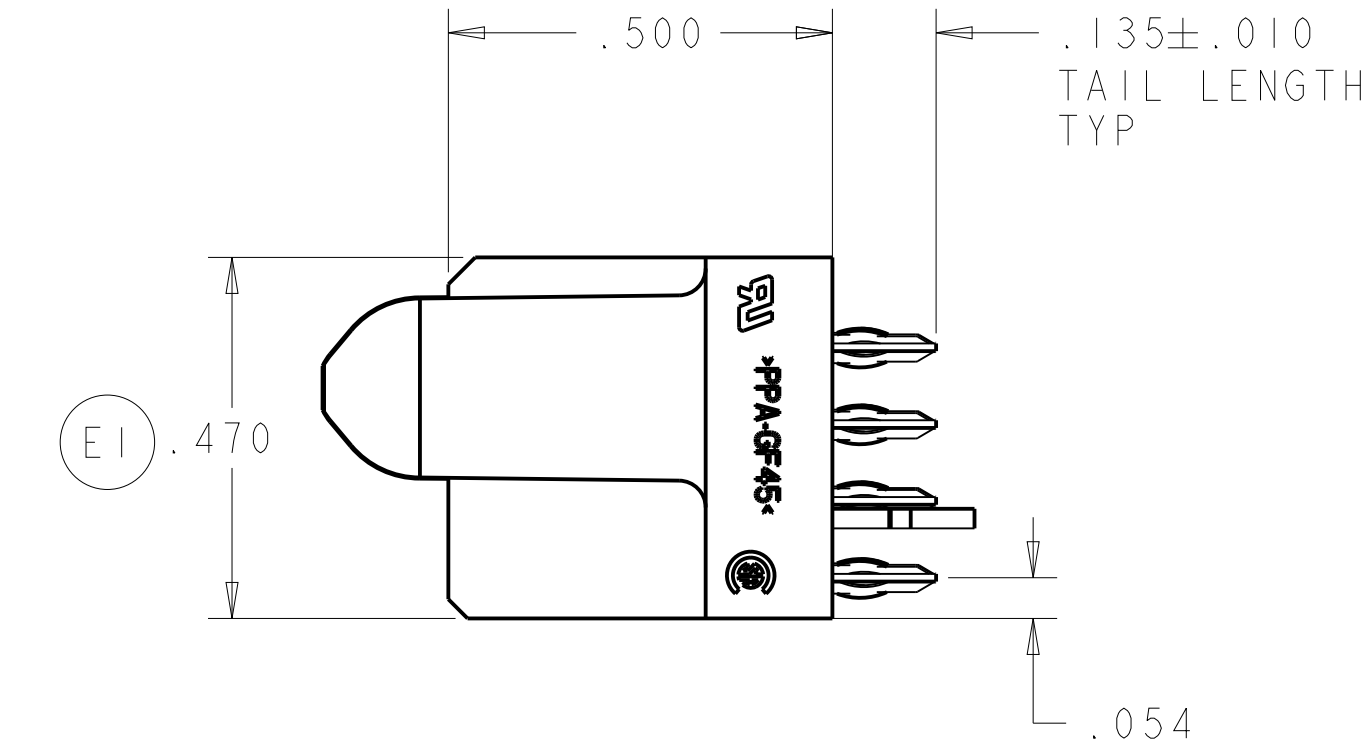
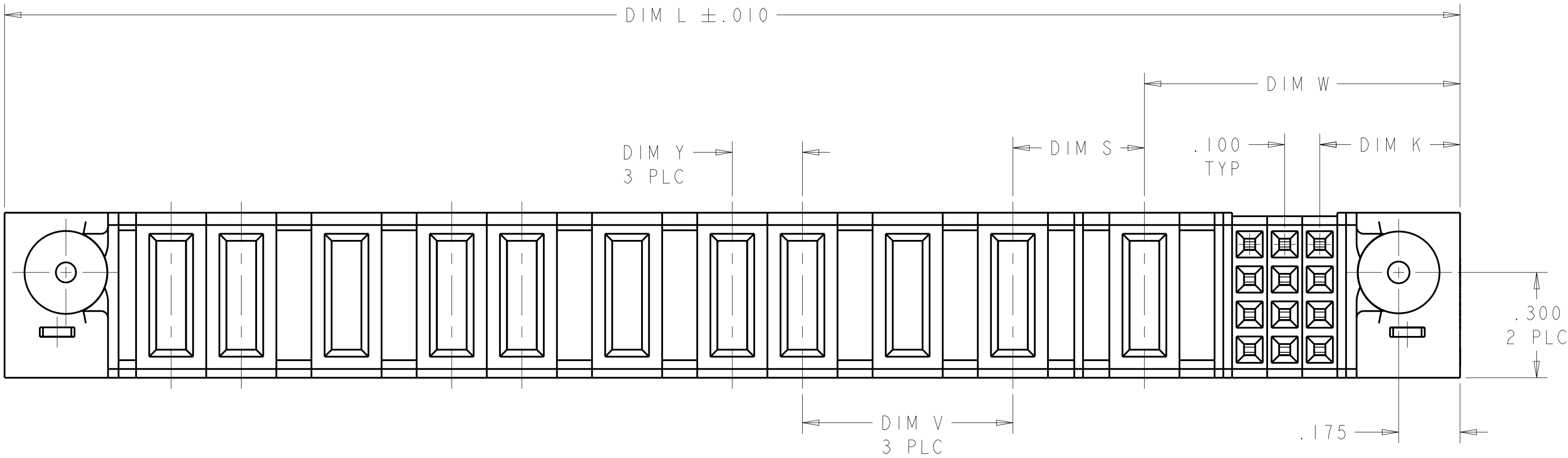
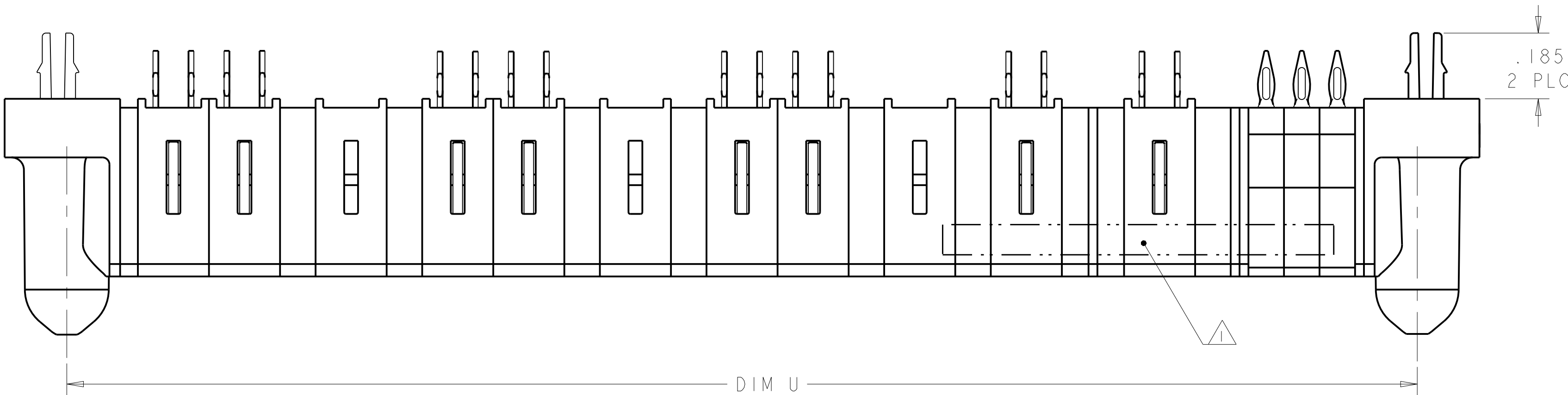
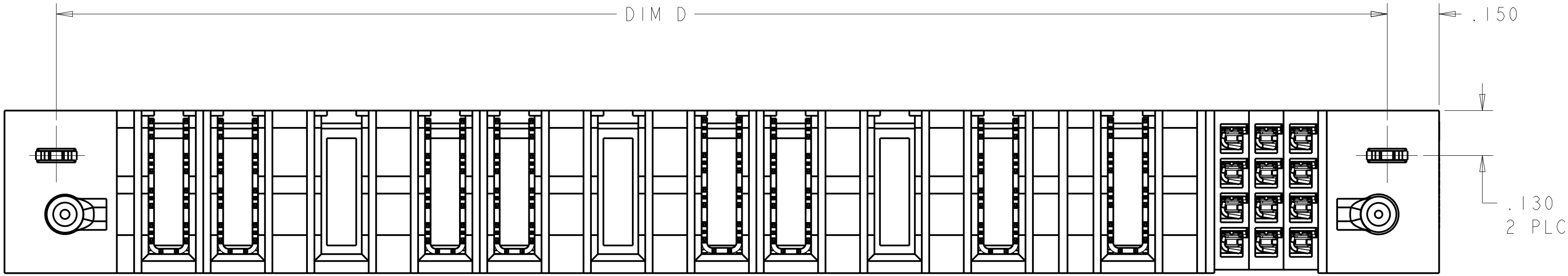


LOC		DIST		REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		E2		ADDED NEW DASH NUMBER 2-5	03MAY2012	CZ	SZ	
		E3		REVISED	16FEB2013	ML	SZ	
		E4		ADD NEW DASH NUMBER 2-6	09MAY2014	CZ	SZ	



- 1 "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-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		 TE Connectivity												
				CHK	M. PERCHERKE		02MAY05														
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M. PERCHERKE		02MAY05		NAME		VERTICAL RECEPTACLE WITH GUIDES MULTI-BEAM XL										
INCHES								PRODUCT SPEC													
		0 PLC ±.1		108-1973				SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO							
		2 PLC ±.01		APPLICATION SPEC																	
		3 PLC ±.005		114-13038																	
		4 PLC ±.0020		FINISH																	
ANGLES		±.2°		WEIGHT				-		A1		100779		C6450541		-					
MATERIAL		- 2		- 3		CUSTOMER DRAWING				SCALE		4:1		SHEET		1 OF 12		REV		E4	

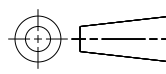
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

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 A1

CAGE CODE 100779

DRAWING NO 6450541

RESTRICTED TO -

SCALE 4:1

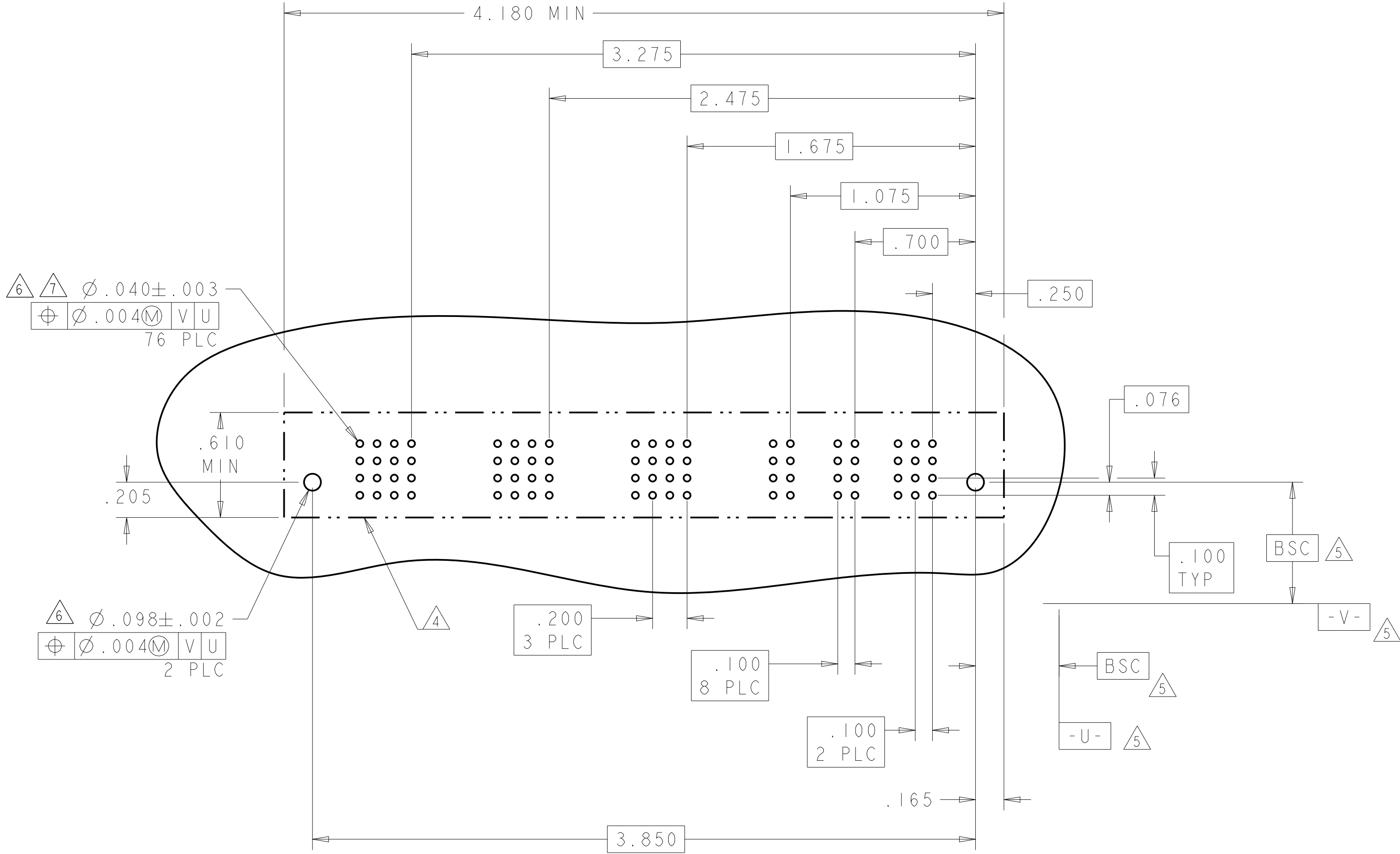
SHEET 2 OF 12

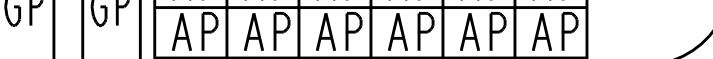
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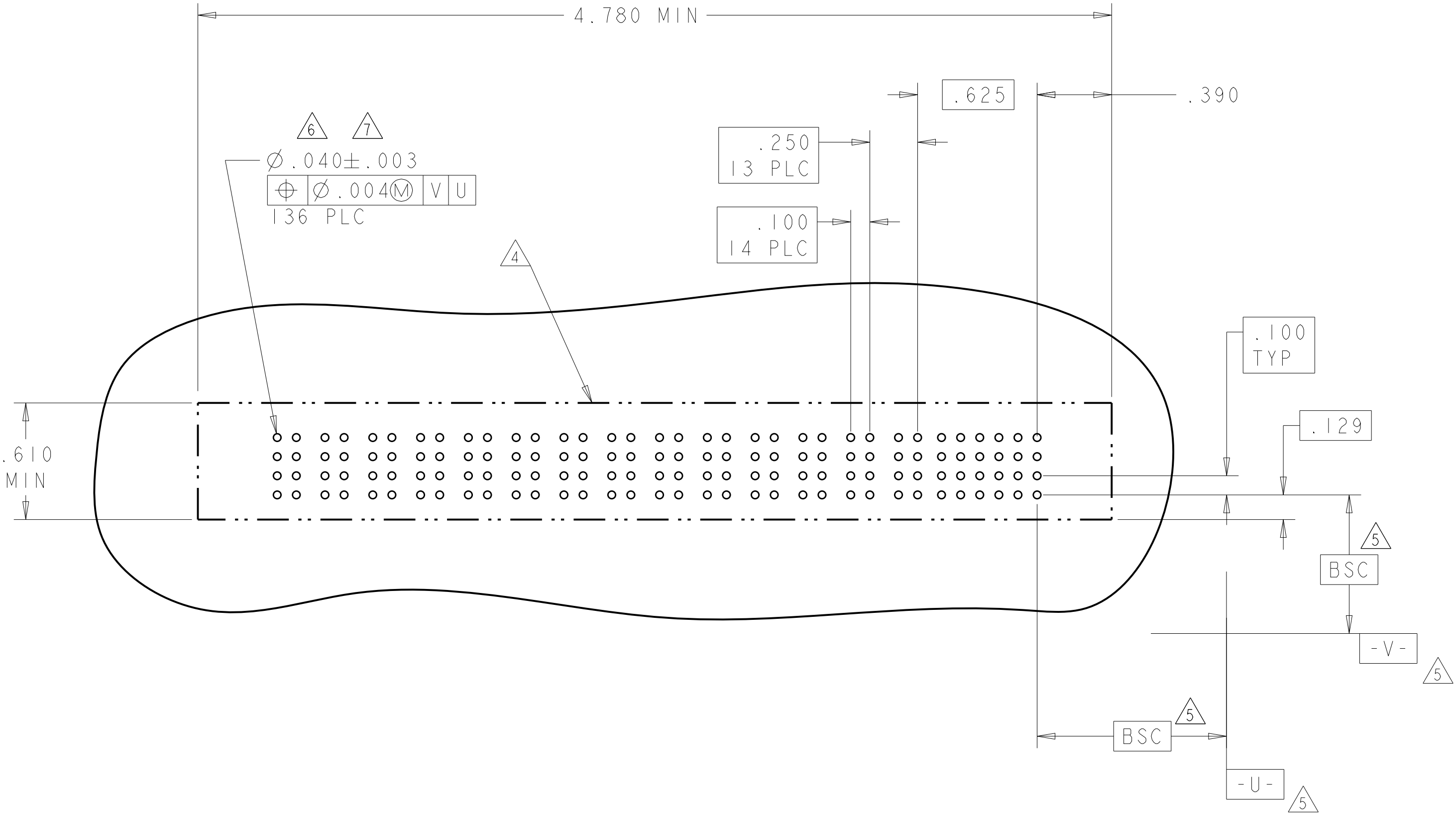
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

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																										
																	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
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

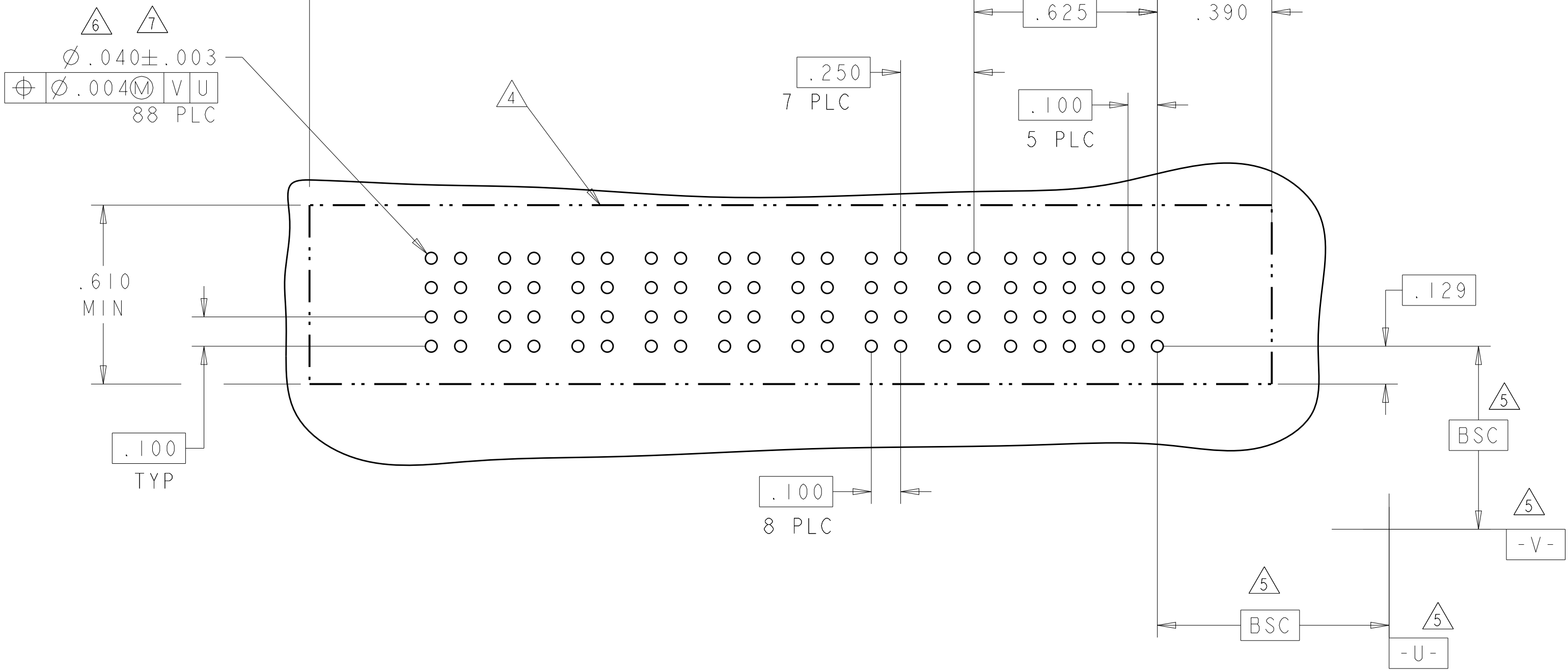
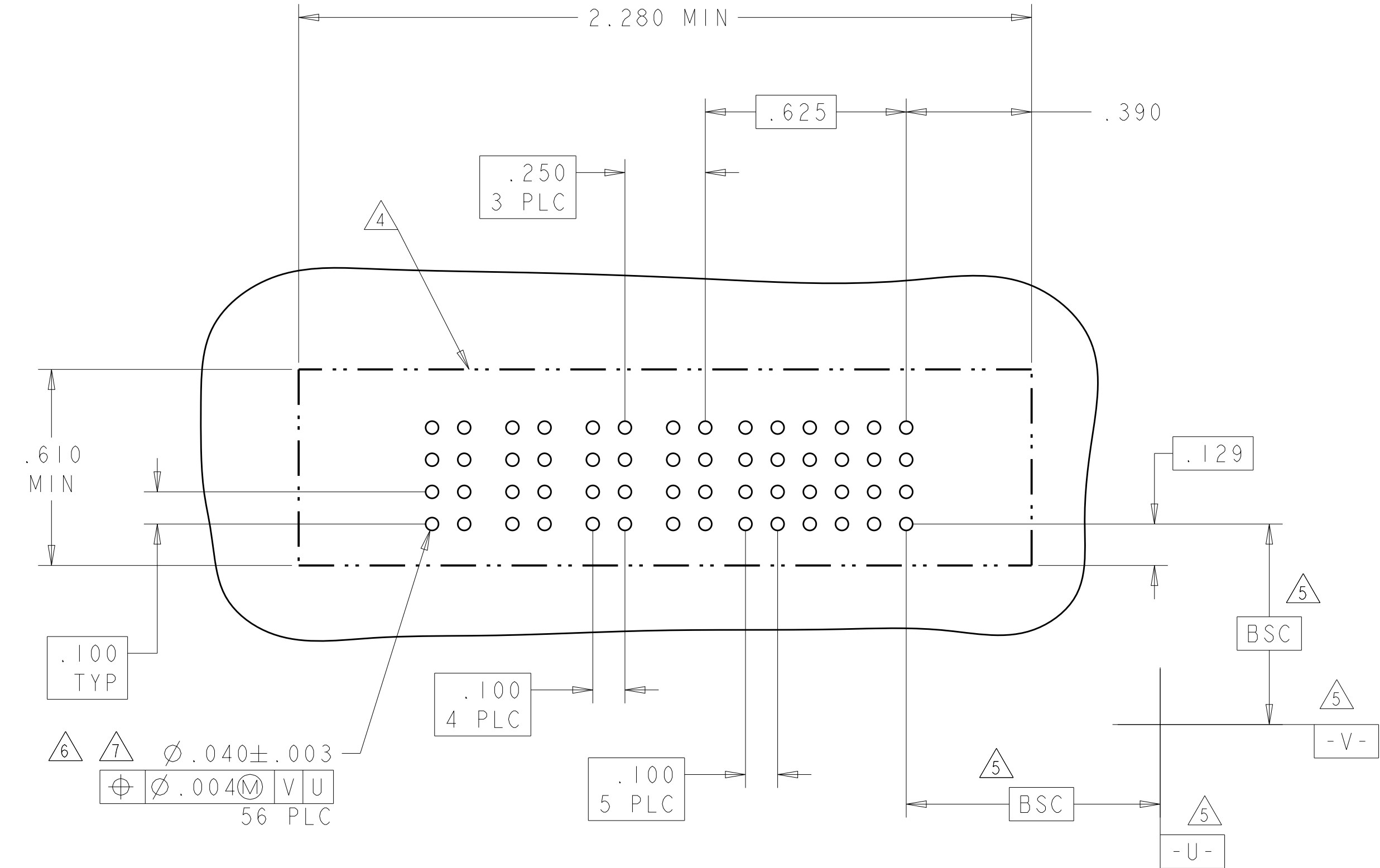
CONTACT TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	02MAY05 02MAY05 02MAY05	NAME		RESTRICTED TO	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		SIZE	
				108-1973		CAGE CODE	
				APPLICATION SPEC		DRAWING NO	
				114-13038		6450541	
MATERIAL		FINISH		WEIGHT		REV	
						E4	
				CUSTOMER DRAWING		SCALE	
				4:1		SHEET	
				3		OF	
				12		REV	

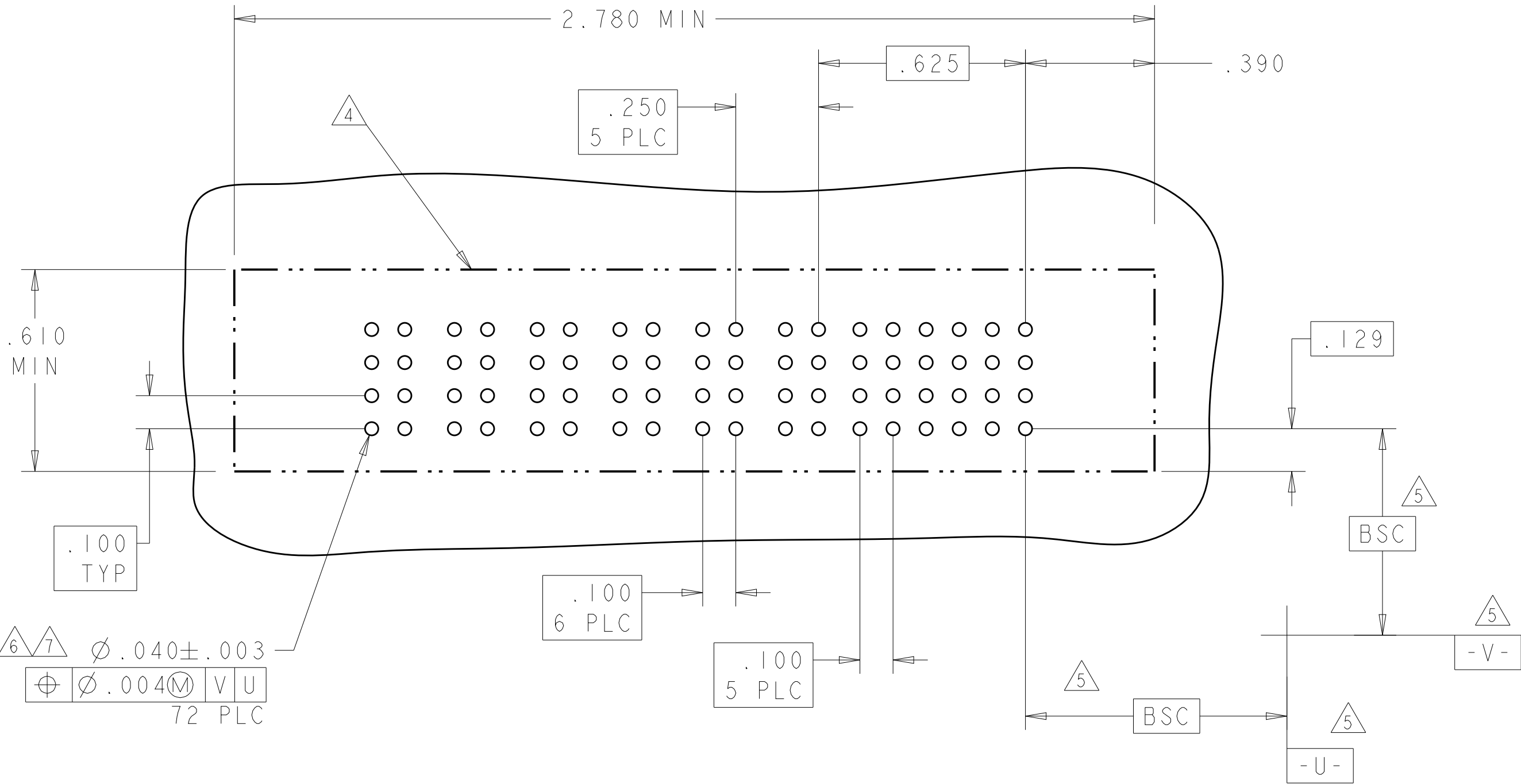
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-					
		-	SEE SHEET 1		-	-	-

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															



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

TE Connectivity

VERTICAL RECEPTACLE WITH GUIDES
MULTI-BEAM XL

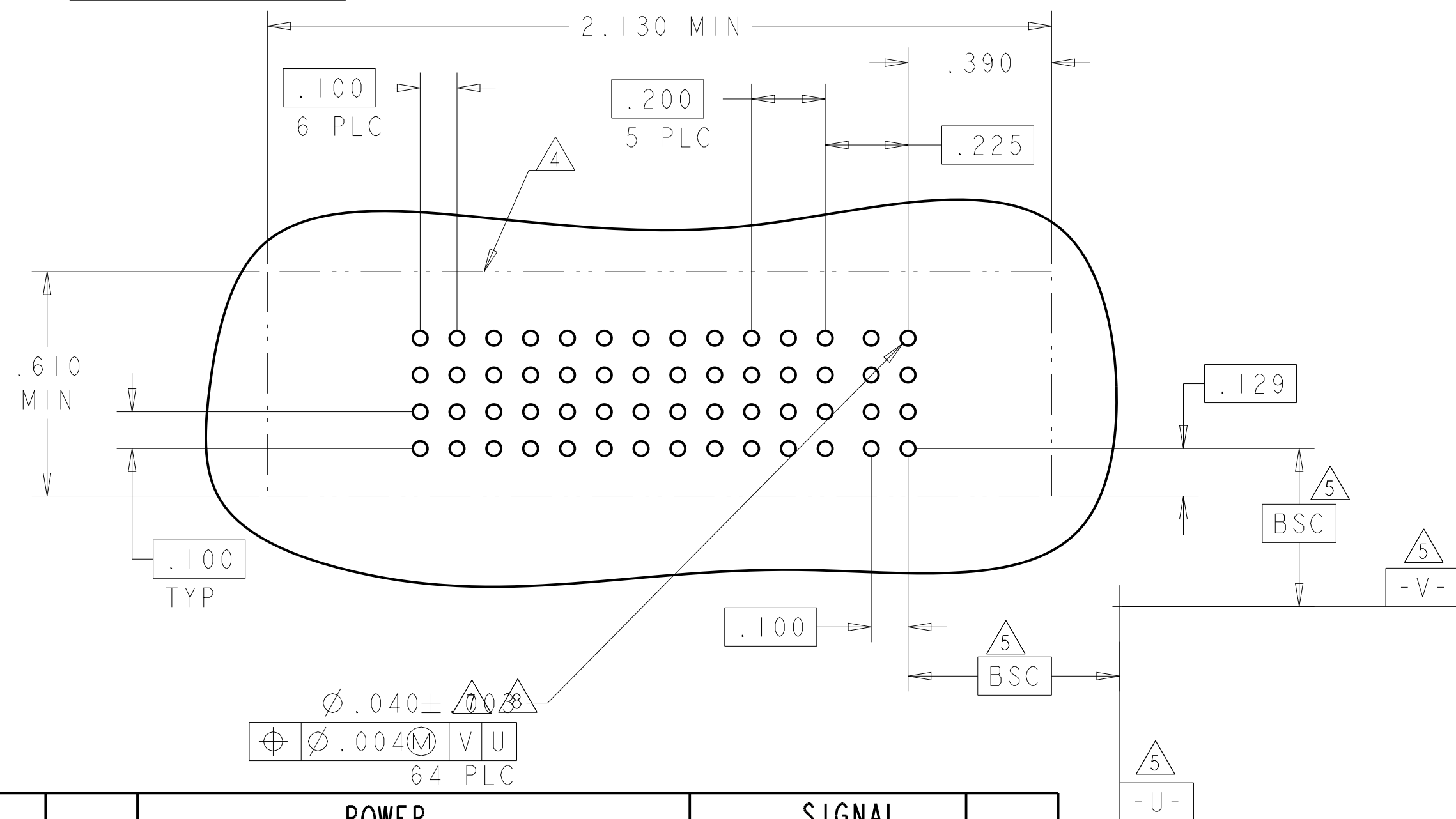
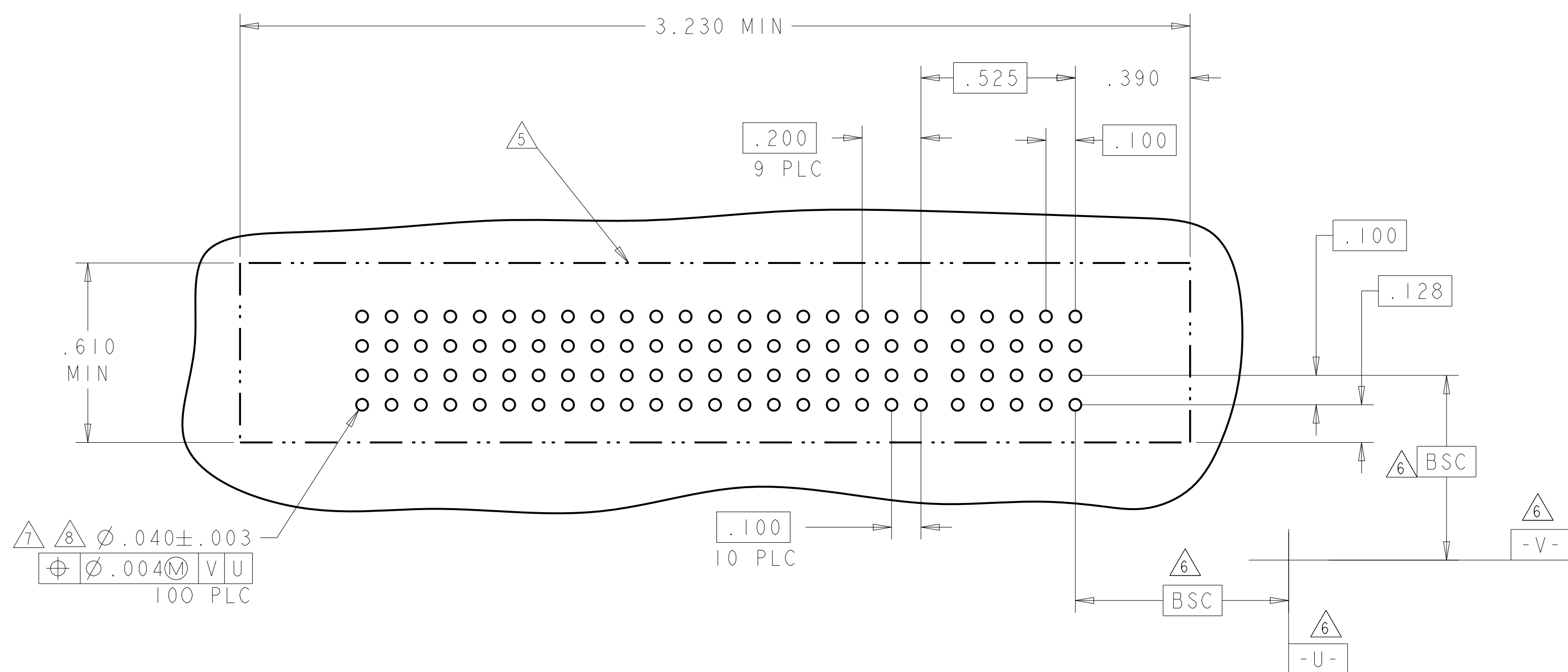
SIZE CAGE CODE DRAWING NO
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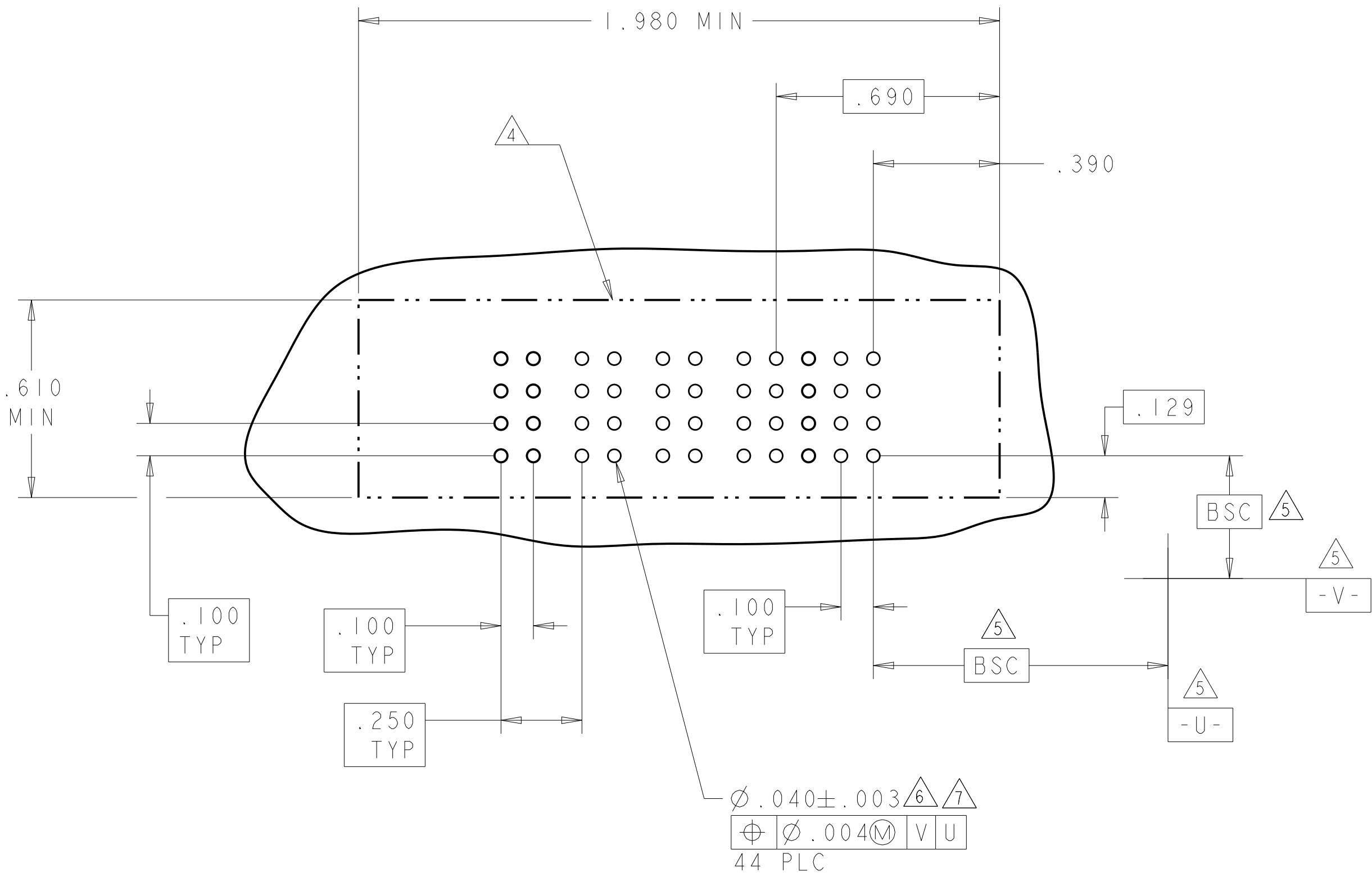
RESTRICTED TO
-

SCALE 4:1

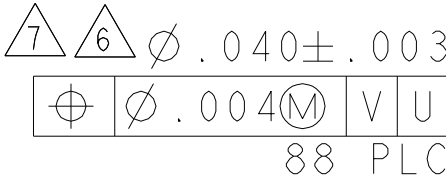
SHEET 4 OF 12

REV E4

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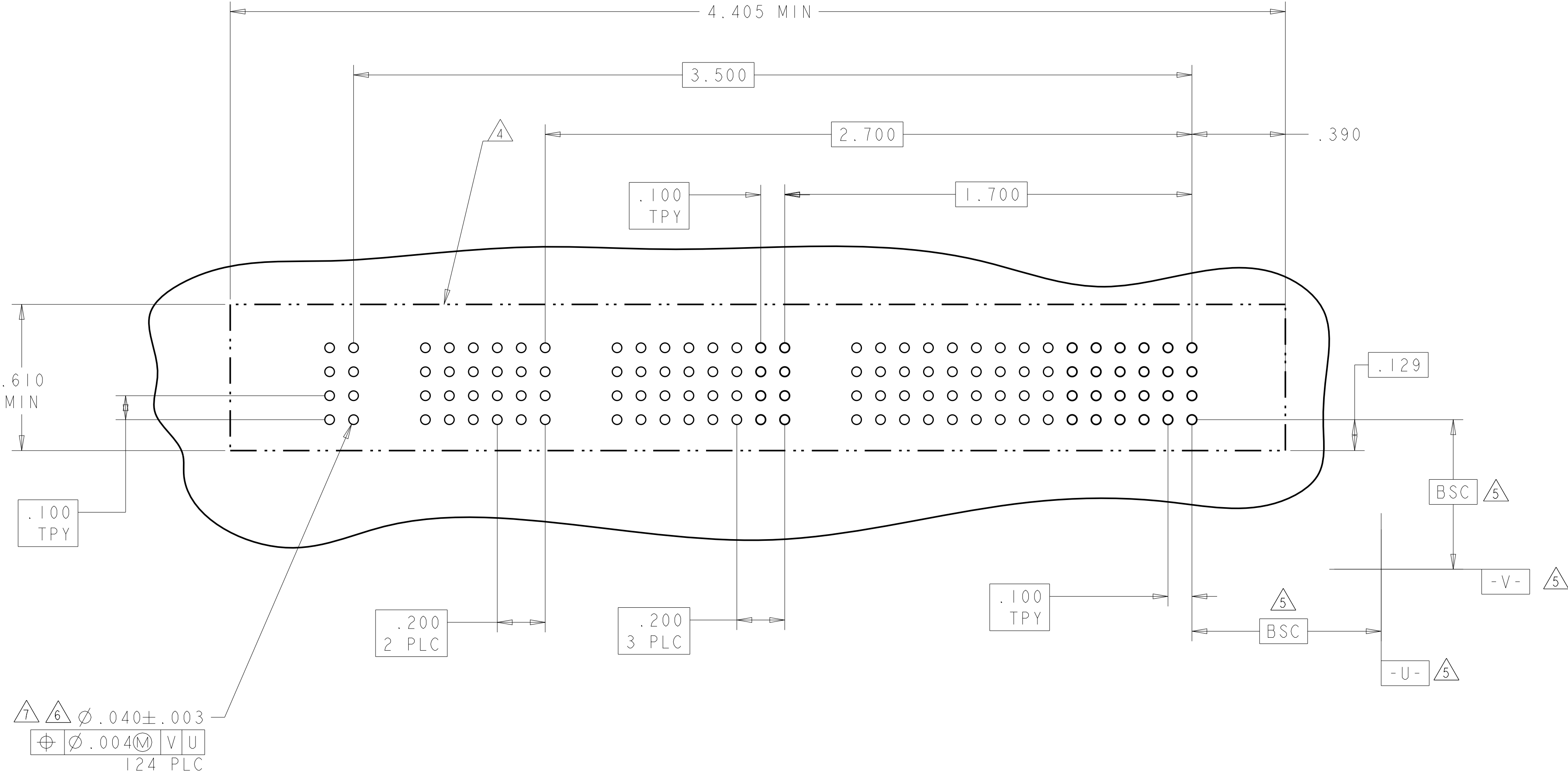
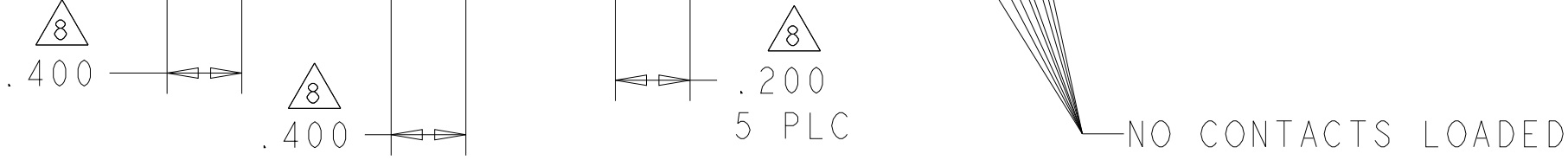
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NO CONTACTS LOADED

4805 (3/11)

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	9	8	7	6	5	4	3	2	1				
1-6450541-9	D C B A																												
60S + 8P																													



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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

NAME VERTICAL RECEPTACLE WITH GUIDES MULTI-BEAM XL

SIZE A100779C=6450541

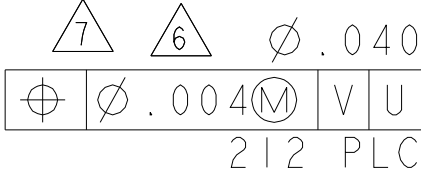
SCALE 4:1 SHEET 8 OF 12 REV E4

TE Connectivity

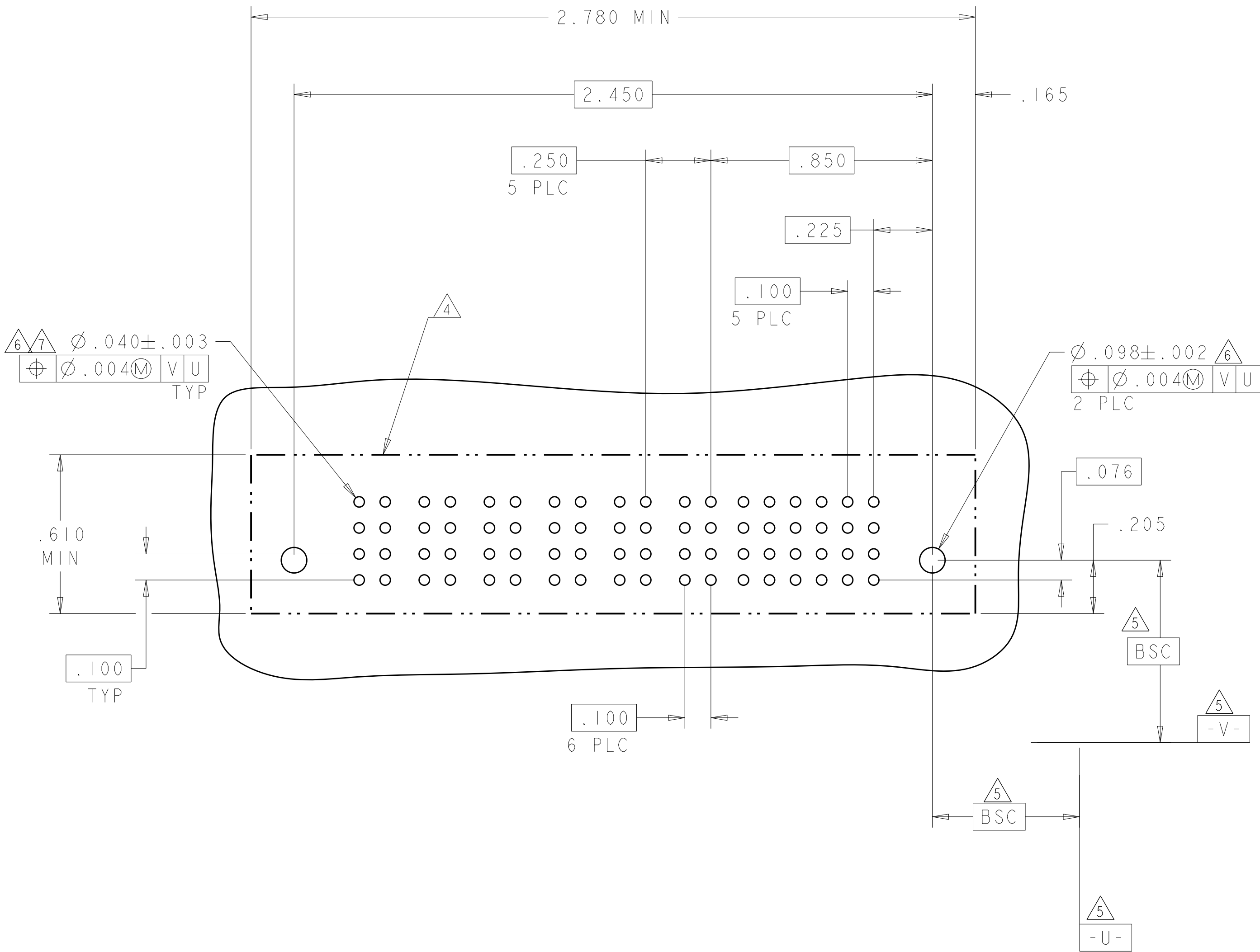
RESTRICTED TO -

-NO CONTACTS LOADED

-NO CONTACTS LOADED

4805 (3/11)

[illegible]4805 (3/11)

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