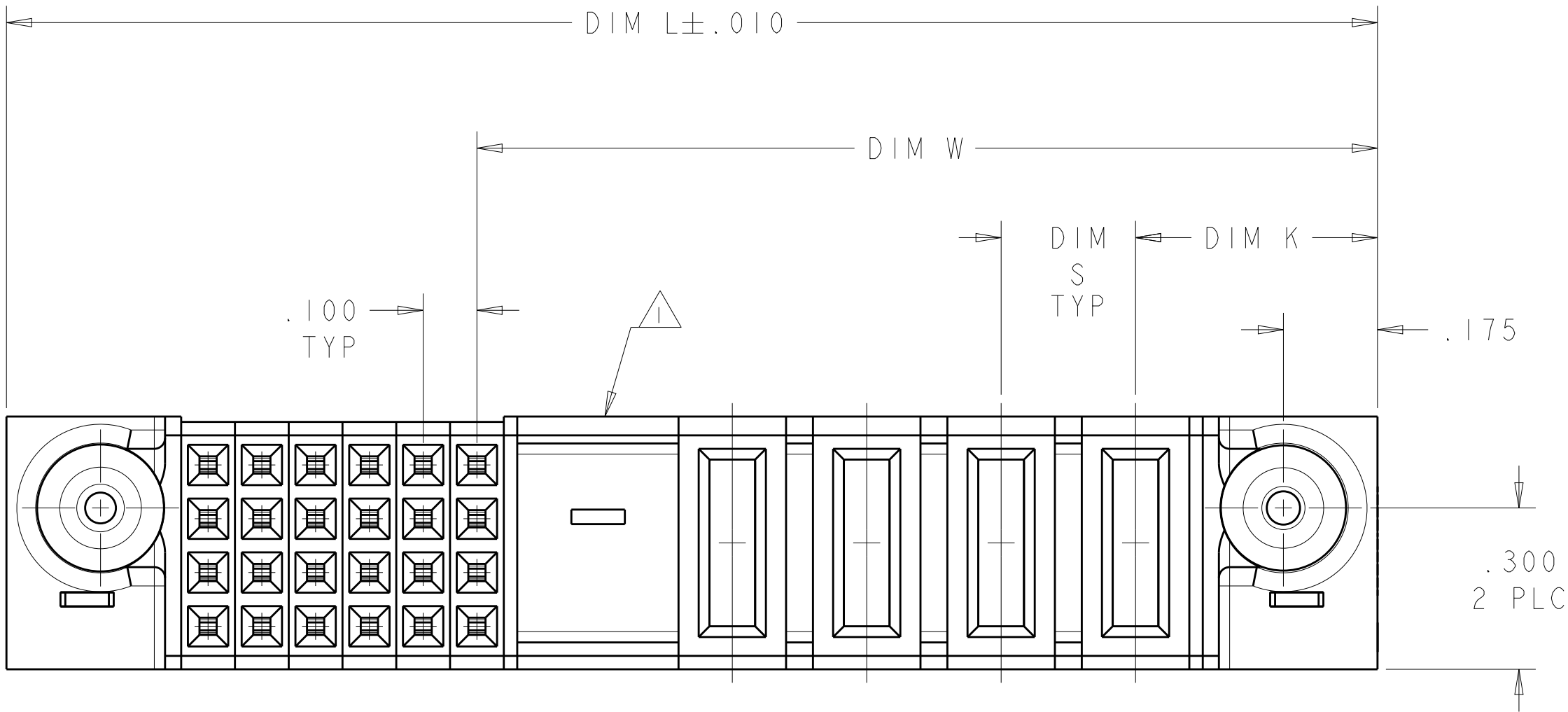
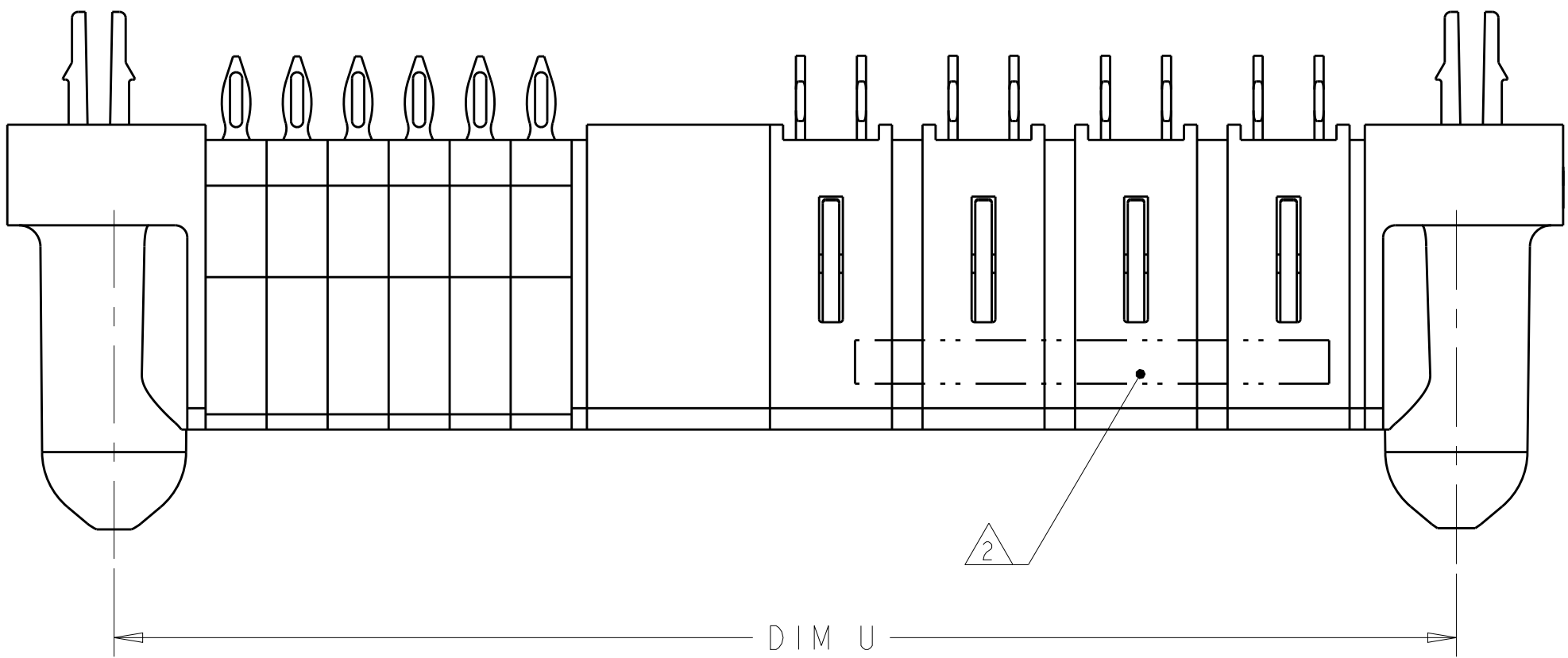
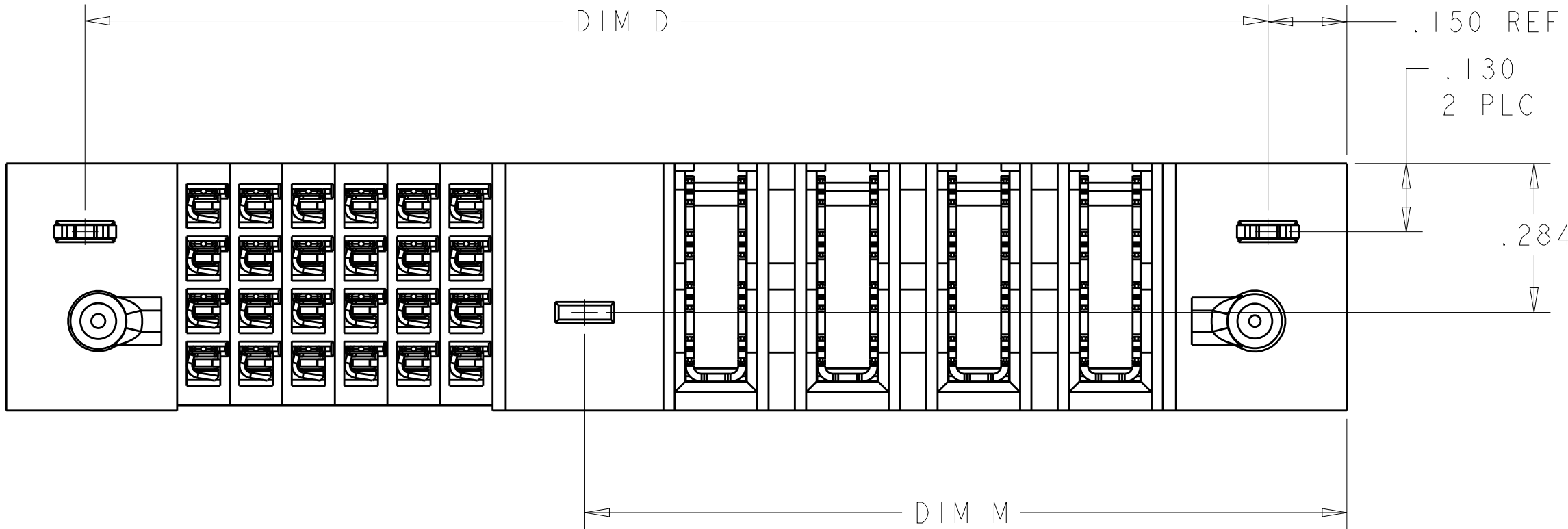
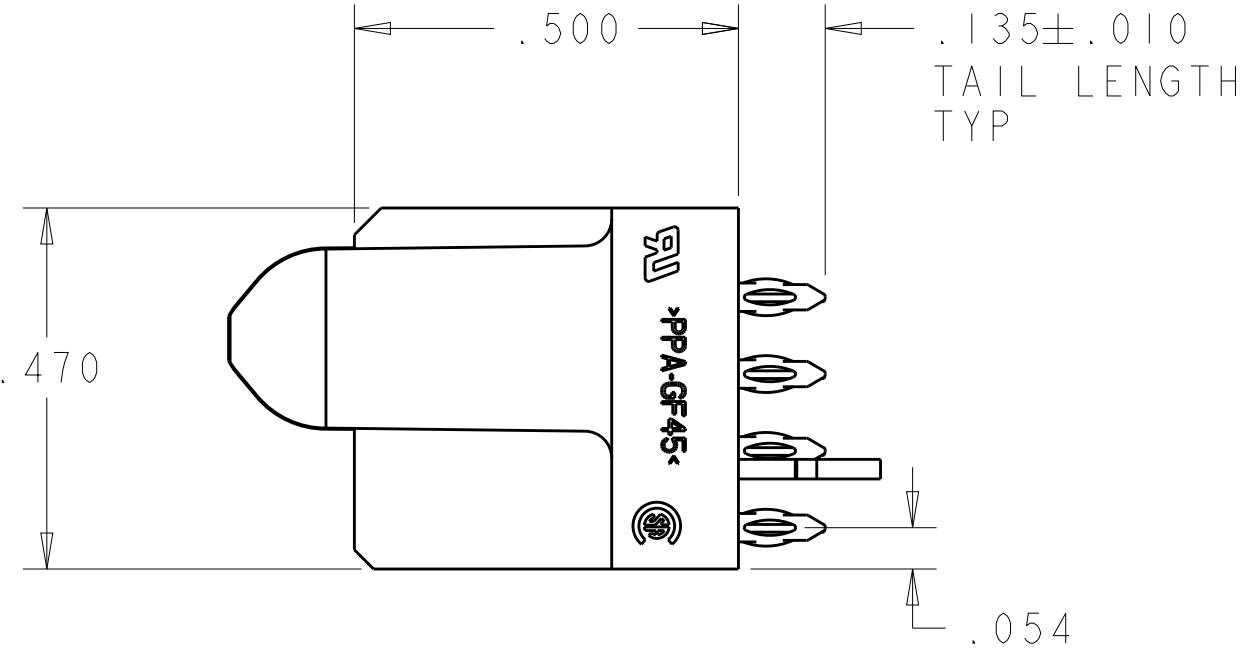


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		F2	REV PER ECR-11-021537	24OCT2011	CZ	SZ
			F3	ADDED THE DASH NUMBER -2	19JAN2012	ML	SZ
			F4	ADVISED	19MAR2013	ML	SZ



- 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 SHOWN, FAR SIDE
- 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 PLATED ON THE 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 DIA HOLE
- 9 VARIABLE DIMENSIONS SHOWN ON VIEW (SHEETS 4 AND 5).
- 10 NOT RELEASE FOR PRODUCTION.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 24JAN05	TE Connectivity	
		CHK M.PERCHERKE 24JNA05		
DIMENSIONS:		APVD M.PERCHERKE	NAME	
INCHES		PRODUCT SPEC		
		108-1973	SIZE	
		APPLICATION SPEC		
		114-13038	CAGE CODE	
		WEIGHT		
MATERIAL		CUSTOMER DRAWING	SCALE	
			SHEET	
			OF	
			REV	
			F5	

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

F1 F 10	NO	-	-	1.900	.250	1.375	2.250	.450	4P + 24S	2-6450552-0
	NO	-	-	2.950	.200	2.425	3.300	.450	10HDP + 24S	1-6450552-9
	YES	-	1.900	1.850	.250	1.825	2.200	.450	7HDP + 4S	1-6450552-8
	NO	-	-	4.600	.250	3.875	4.950	.450	14P + 32S	1-6450552-2
F2	NO	-	-	5.100	- 9	2.375	5.450	.450	8P + 112S	1-6450552-0
	NO	-	-	3.800	- 9	3.175	4.150	.450	12P + 28S	6450552-9
	NO	-	-	2.275	- 9	1.750	2.625	.450	5P + 24S	6450552-8
	NO	-	-	2.825	- 9	2.300	3.175	.475	3ACP + 4P + 24S	6450552-7
F3	NO	-	-	2.900	.250	2.375	3.250	.450	8P + 24S	6450552-6
	NO	-	-	3.225	- 9	2.675	3.575	.525	3ACP + 6P + 24S	6450552-5
	NO	-	-	2.900	.250	2.375	3.250	.450	8P + 24S	6450552-4
	NO	-	3.150	3.100	.250	.875	3.450	.450	2P + 92S	6450552-2
	NO	-	-	2.925	.250	2.375	3.275	.450	8P + 24S	6450552-1
	RETENTION CLIP	M	D	U	S	W	L	K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC

±"
±.01
±.005
±.0020

ANGLES
FINISH

±2°
-

DWN
CHK
APVD

R.GRZYBOWSKI
M.PERCHEKKE
M.PERCHEKKE

-

PRODUCT SPEC
APPLICATION SPEC

108-1973
114-13038

-

WEIGHT

-

CUSTOMER DRAWING

24JAN05
24JNA05

NAME

VERTICAL RECEPTACLE ASSEMBLY
WITH GUIDES, PRESS FIT
MULTI-BEAM XL

SIZE
A1

CAGE CODE
100779

DRAWING NO
6450552

RESTRICTED TO

-

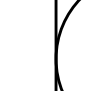
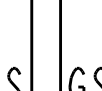
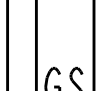
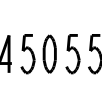
SCALE
4:1

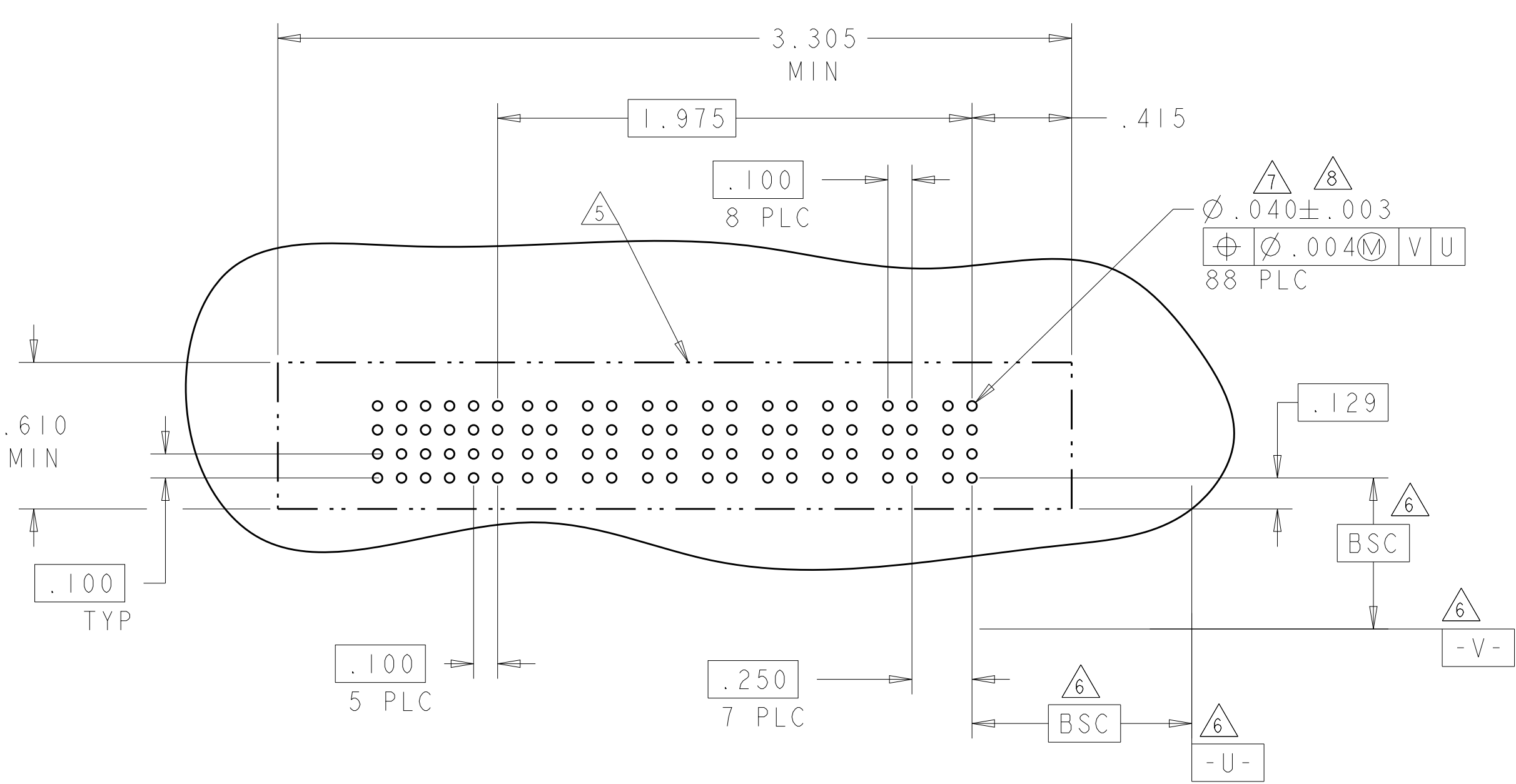
SHEET
2

OF
8

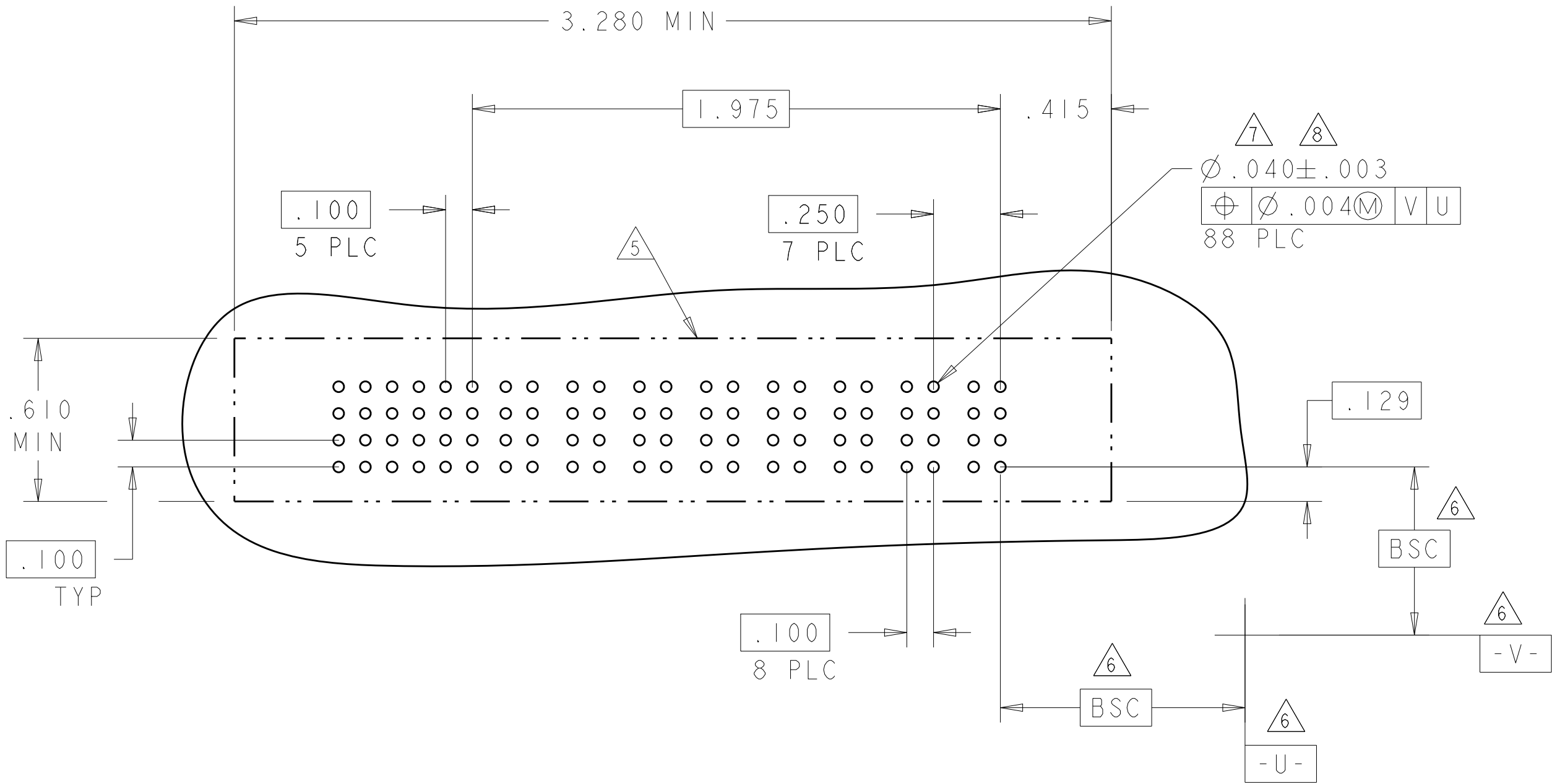
REV
F5

LOC		DIST		REVISIONS			
P	LYR	DESCRIPTION		DATE	OWN	APVD	
-	-	SEE SHEET 1		-	-	-	

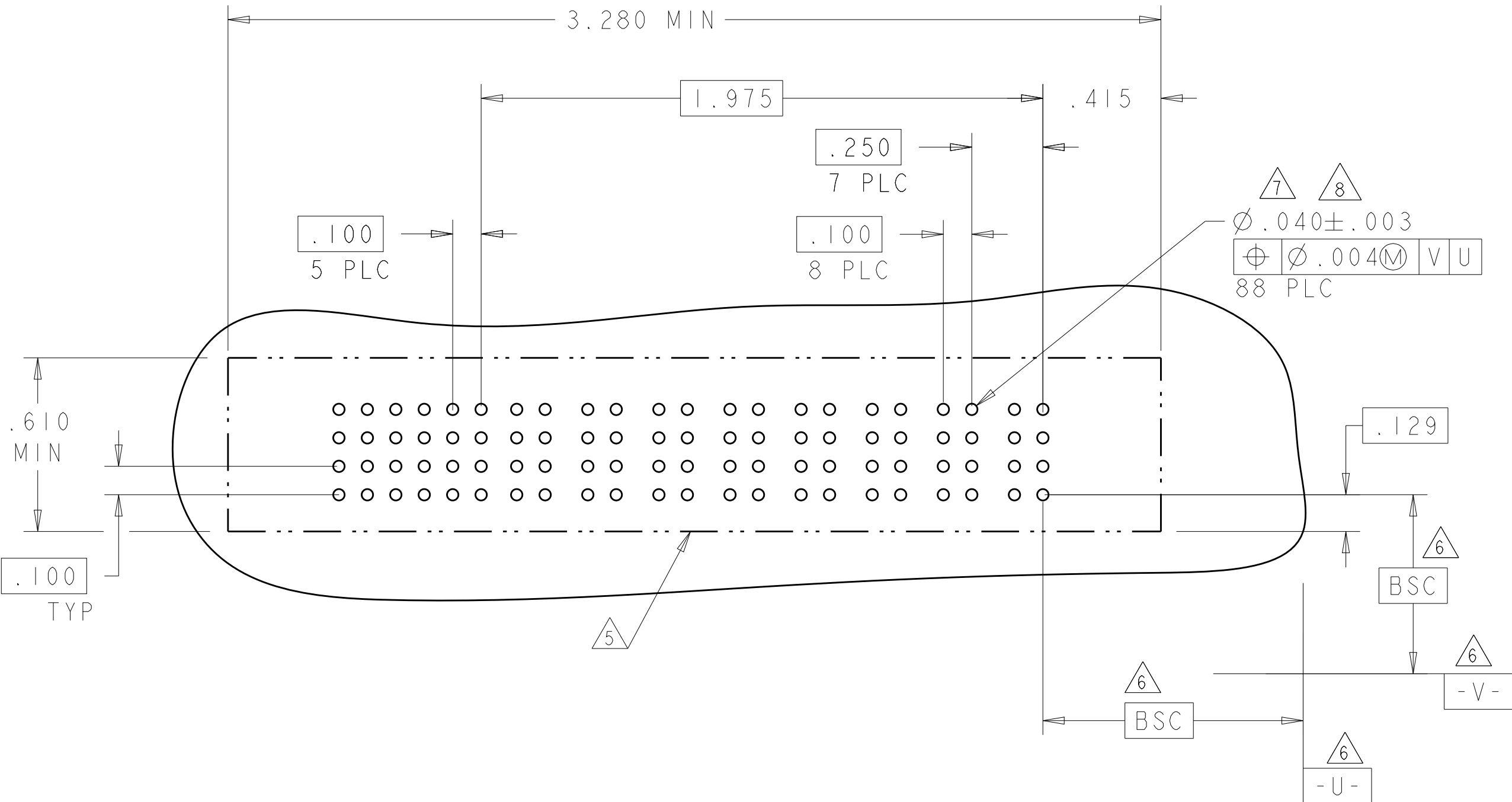
ASSY PART NUMBER	ROWS		SIGNAL							POWER								
			6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1		
6450552-1	D C B A		AP	AP	AP	AP	AP	AP										
			AP	AP	AP	AP	AP	AP										
			AP	AP	AP	AP	AP	AP										
			AP	AP	AP	AP	AP	AP										
8P + 24S																		



PART NUMBER	ROWS		SIGNAL							POWER								
			6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1		
6450552-6	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
8P + 24S																		



PART NUMBER	ROWS		SIGNAL							POWER								
			6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1		
6450552-4	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	AP										AP
8P + 24S																		



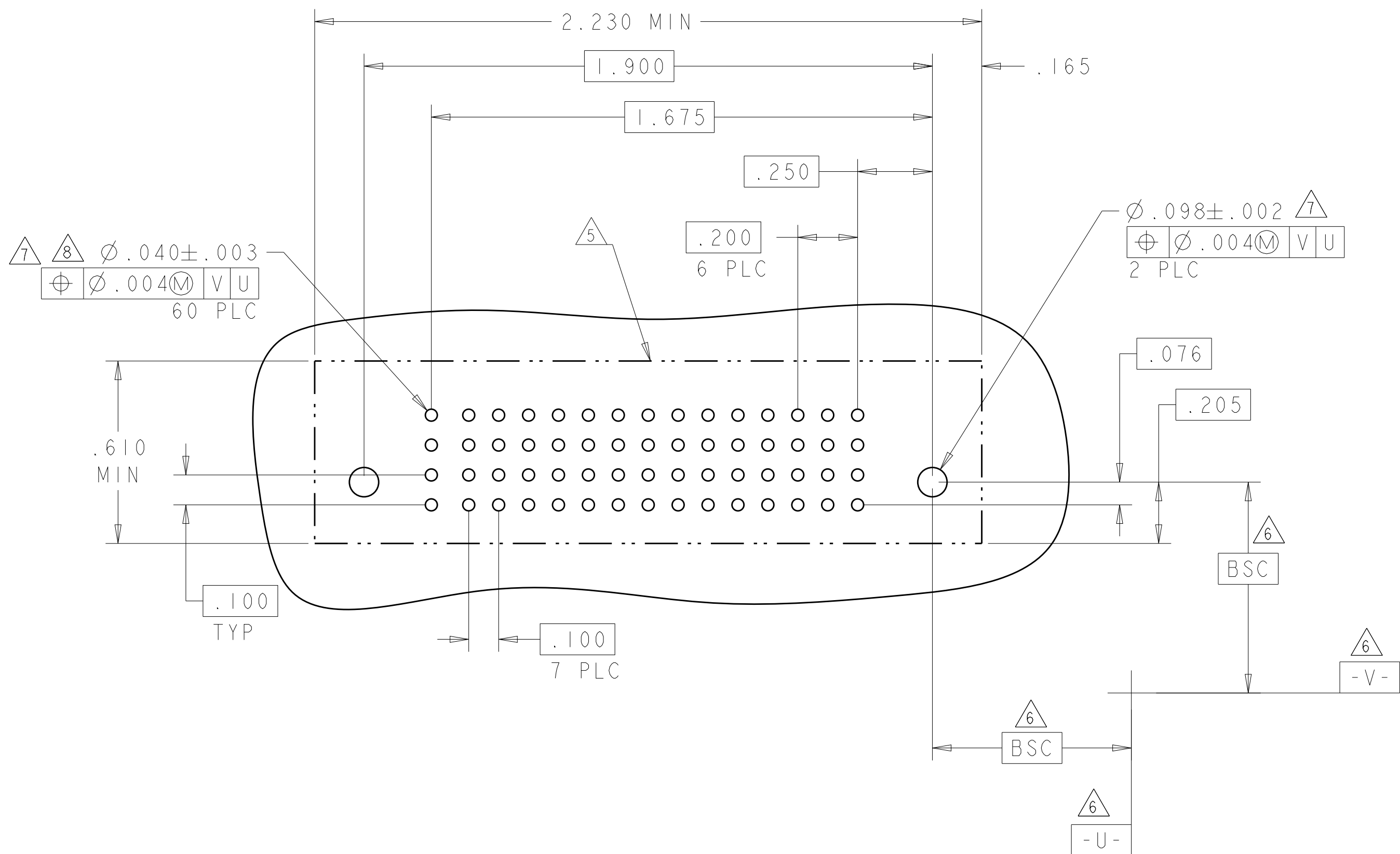
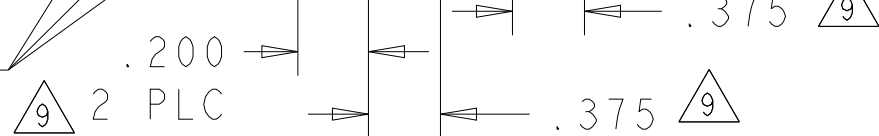
BP	.165	SIGNAL PRESS FIT	A.B.C.D
AP	.135	SIGNAL PRESS FIT	A.B.C.D
HP	.165	POWER PRESS FIT (MFBL)	
HS	.165	POWER PRESS FIT (STD)	
GP	.135	POWER PRESS FIT (MFBL)	-
GS	.135	POWER PRESS FIT (STD)	-
CODE	TAIL LENGTH	DESCRIPTION	ROW
CONTACT			

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R.GRZYBOWSKI 24JAN05		
DIMENSIONS:		CHK M.PERCHEKKE 24JNA05		
INCHES		APVD M.PERCHEKKE		
		PRODUCT SPEC		
		108-1973		
		APPLICATION SPEC		
		114-13038		
MATERIAL		WEIGHT		
-		-		
		CUSTOMER DRAWING		

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	6450552	-

SCALE	4:1	SHEET	3	OF	8	REV	F5
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PART NUMBER	ROWS		SIGNAL	POWER								
			I	P7	P6	P5	P4	P3	P2	P1		
1-6450552-8	D C B A		AP									
			AP									
			AP									
			AP									
7HDP + 4S												



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN. 24JAN05 R. GRZYBOWSKI CHK. 24JAN05 M. PERCHERKE APP. 24JAN05 M. PERCHERKE		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS FRACTIONS ANGLES		NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CAGE CODE DRAWING NO.	
MATERIAL -		FINISH -		RESTRICTED TO A100779C6450552	
WEIGHT -		CUSTOMER DRAWING -		SCALE 4:1 SHEET 4 of 8 REV F5	

Technical drawing of a rectangular plate with dimensions and tolerances. The overall length is 5.480 MIN. The overall width is 6.10 MIN. The plate features a grid of holes. Key dimensions and tolerances include:

- Overall length: 5.480 MIN
- Overall width: 6.10 MIN
- Top edge tolerance: $\Delta 5$
- Bottom edge tolerance: $\Delta 5$
- Left edge tolerance: $\Delta 5$
- Right edge tolerance: $\Delta 5$
- Top edge hole spacing: 2.375, 1.975, 1.150, .375
- Bottom edge hole spacing: .100 (23 PLC), .200 (3 PLC), .200 (2 PLC), .375
- Right edge hole spacing: .129, .100 (4 PLC), .100 (3 PLC)
- Right edge hole diameter: $\phi .040 \pm .003$
- Right edge hole tolerance: $\Delta 7$, $\Delta 8$
- Right edge hole material: $\phi .004$ (M), V, U
- Right edge hole quantity: 164 PLC
- Right edge hole material: BSC
- Right edge hole material: -V-
- Right edge hole material: -U-

Technical drawing of a rectangular plate with a grid of holes. The plate has a total width of 4.980 MIN and a height of .610 MIN. The grid consists of 144 holes arranged in 12 rows and 12 columns. The center-to-center distance between holes is .100. The plate has a thickness of .129. The drawing includes various dimension lines, tolerances, and feature callouts.

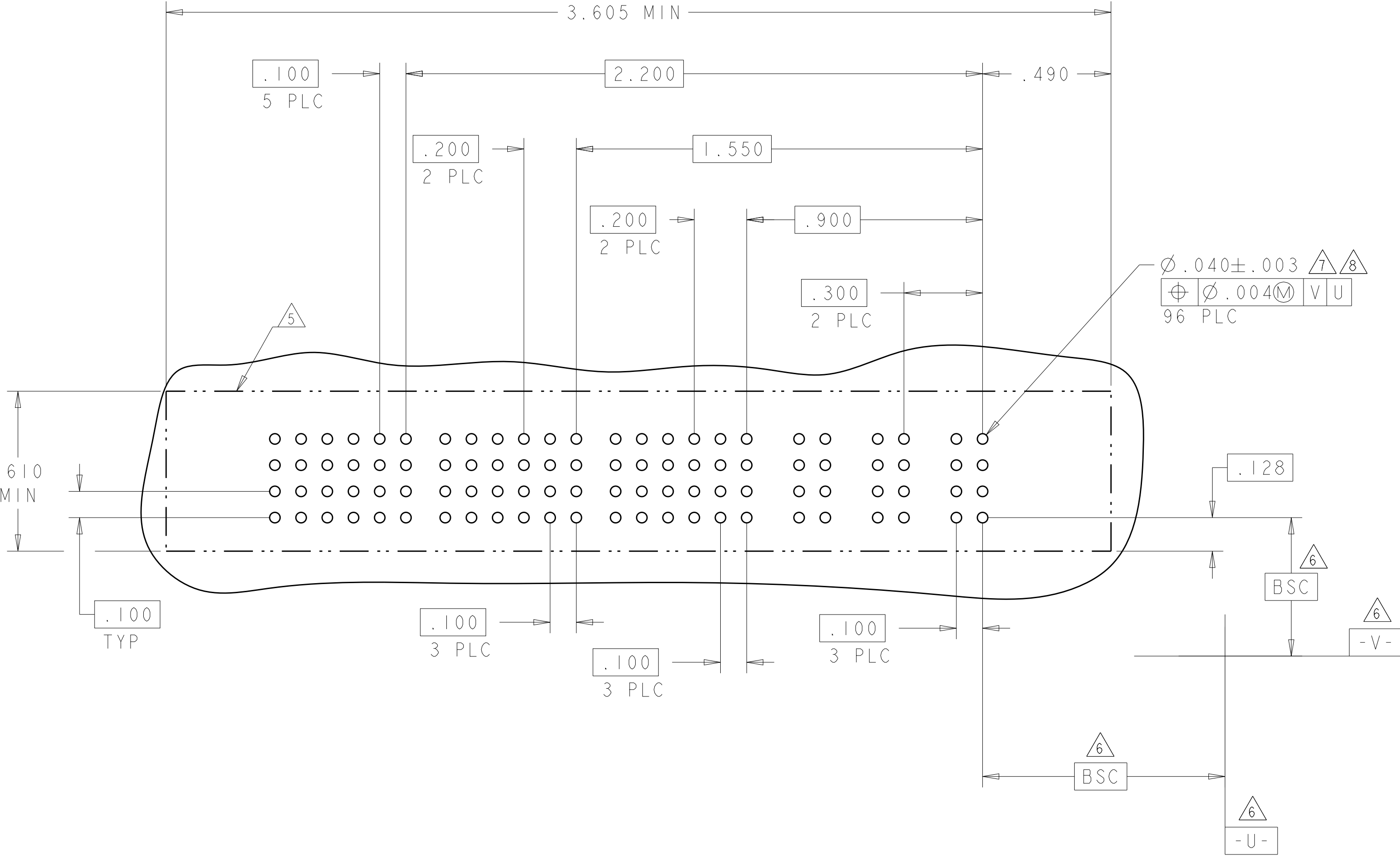
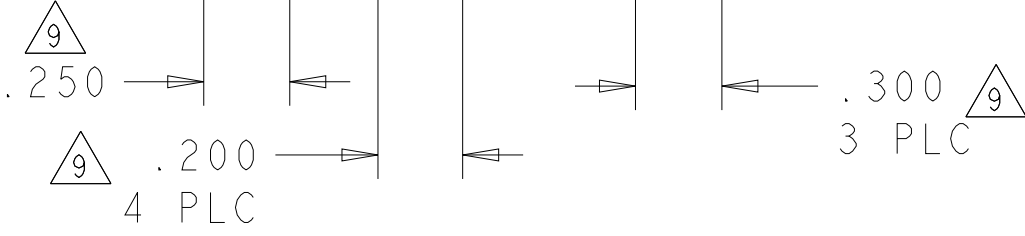
Key dimensions and features:

- Overall width: 4.980 MIN
- Overall height: .610 MIN
- Grid dimensions: 3.475 (width), .415 (height)
- Grid hole pitch: .100 (width), .100 (height)
- Grid hole diameter: $\varnothing .040 \pm .003$
- Plate thickness: .129
- Feature callouts: 7 PLC, 13 PLC, 14 PLC, 144 PLC
- Feature callouts: 5, 6, 7, 8
- Feature callouts: BSC, -V-, -U-

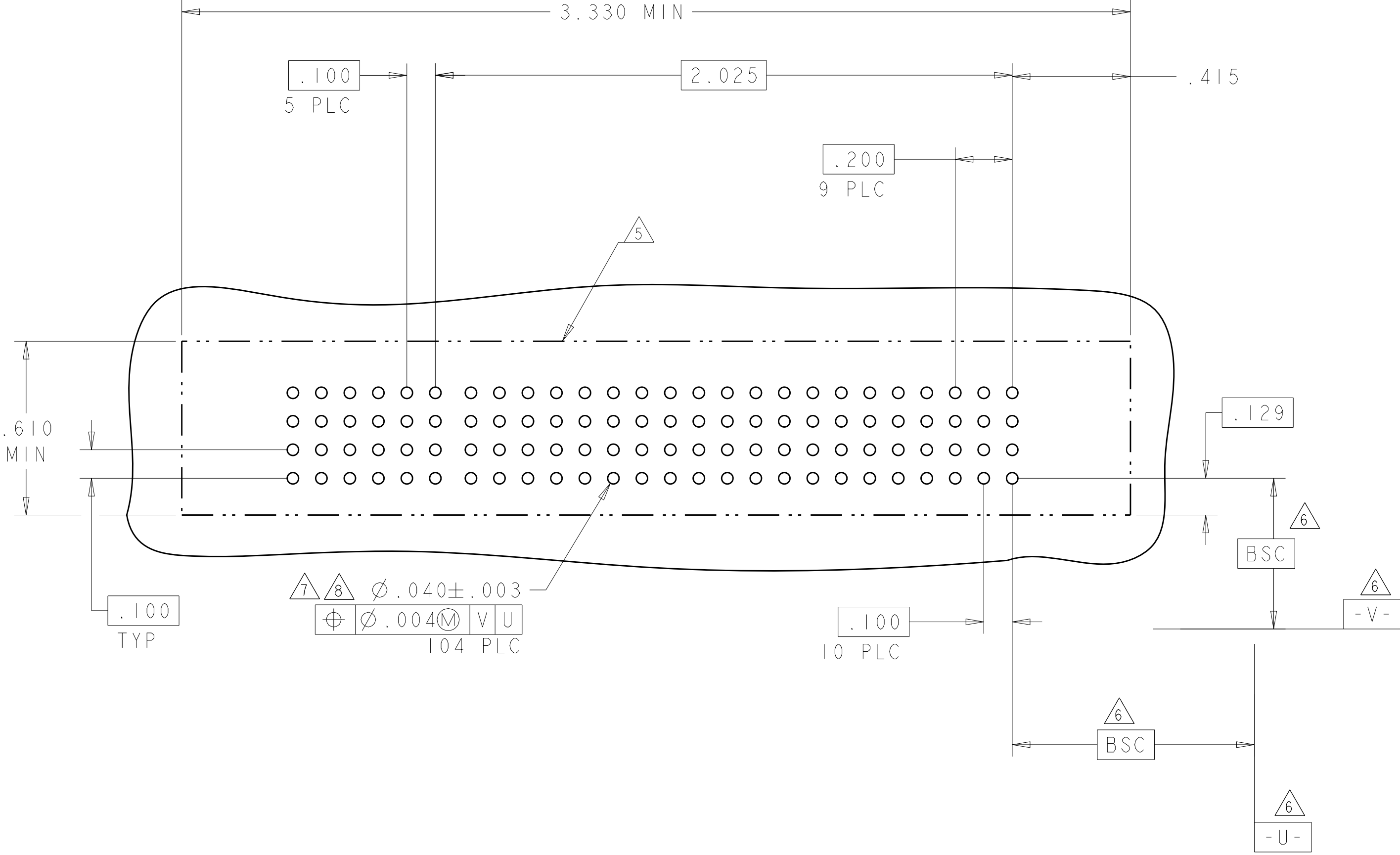
4805 (3/11)

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

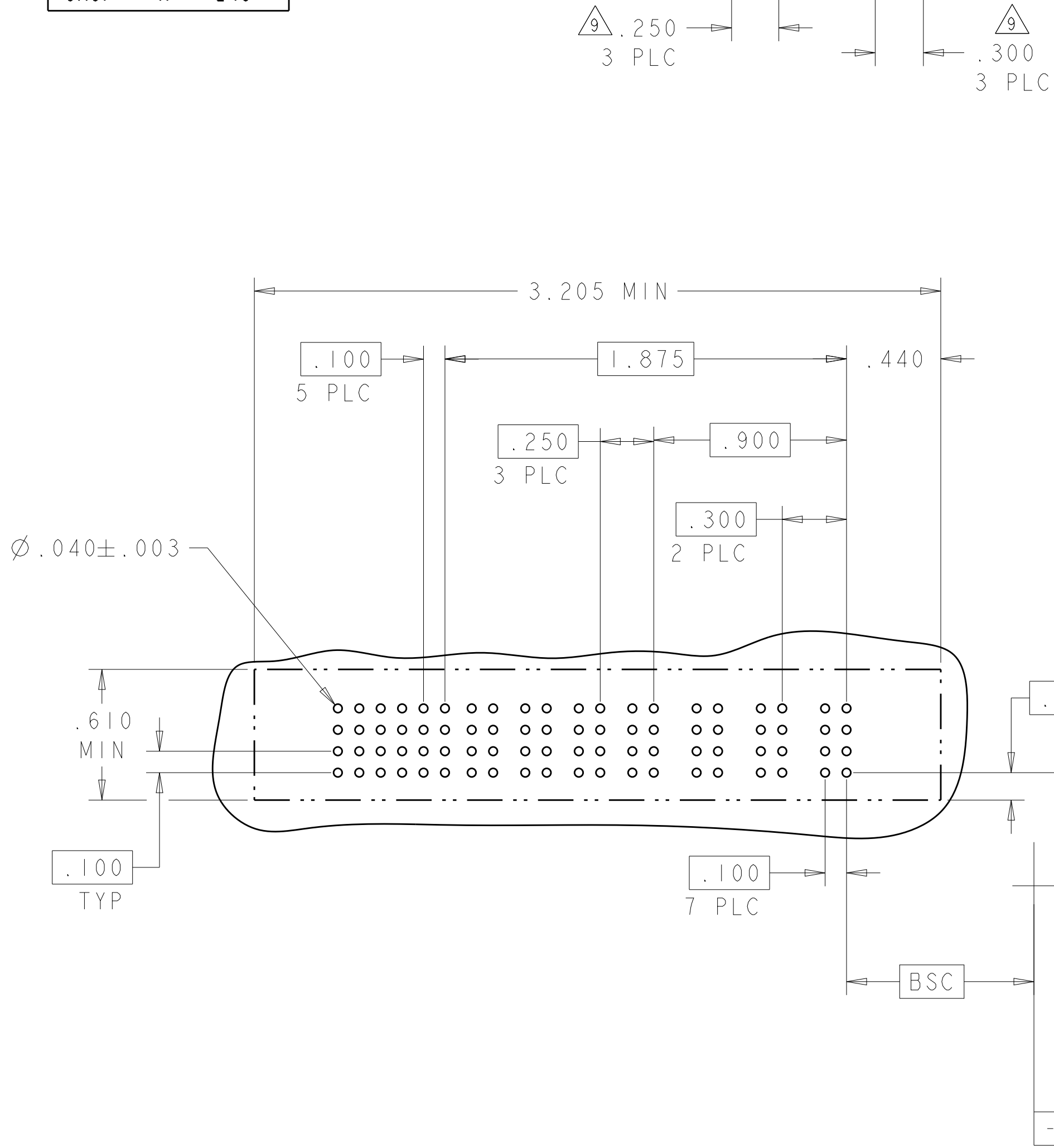
PART NUMBER	ROWS		SIGNAL							POWER									
			6	5	4	3	2	1	P9	P8	P7	P6	P5	P4	P3	P2	P1		
6450552-5	D C B A		B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	
			B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	
			B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	
			B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	
3ACP + 6P + 24S																			



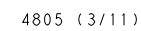
PART NUMBER	ROWS		SIGNAL							POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			6	5	4	3	2	1	PI0	P9	P8	P7	P6	P5	P4	P3	P2		PI																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1-6450552-9	D C B A		A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A



PART NUMBER	ROWS		SIGNAL						POWER															
			6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1									
6450552-7	D C B A		A	P	A	P	A	P	A	P	A	P	A	P	A	P								
			A	P	A	P	A	P	A	P	A	P	A	P										
			A	P	A	P	A	P	A	P	A	P	A	P										
			A	P	A	P	A	P	A	P	A	P	A	P										
3ACP + 4P + 24S																								



F 3

A