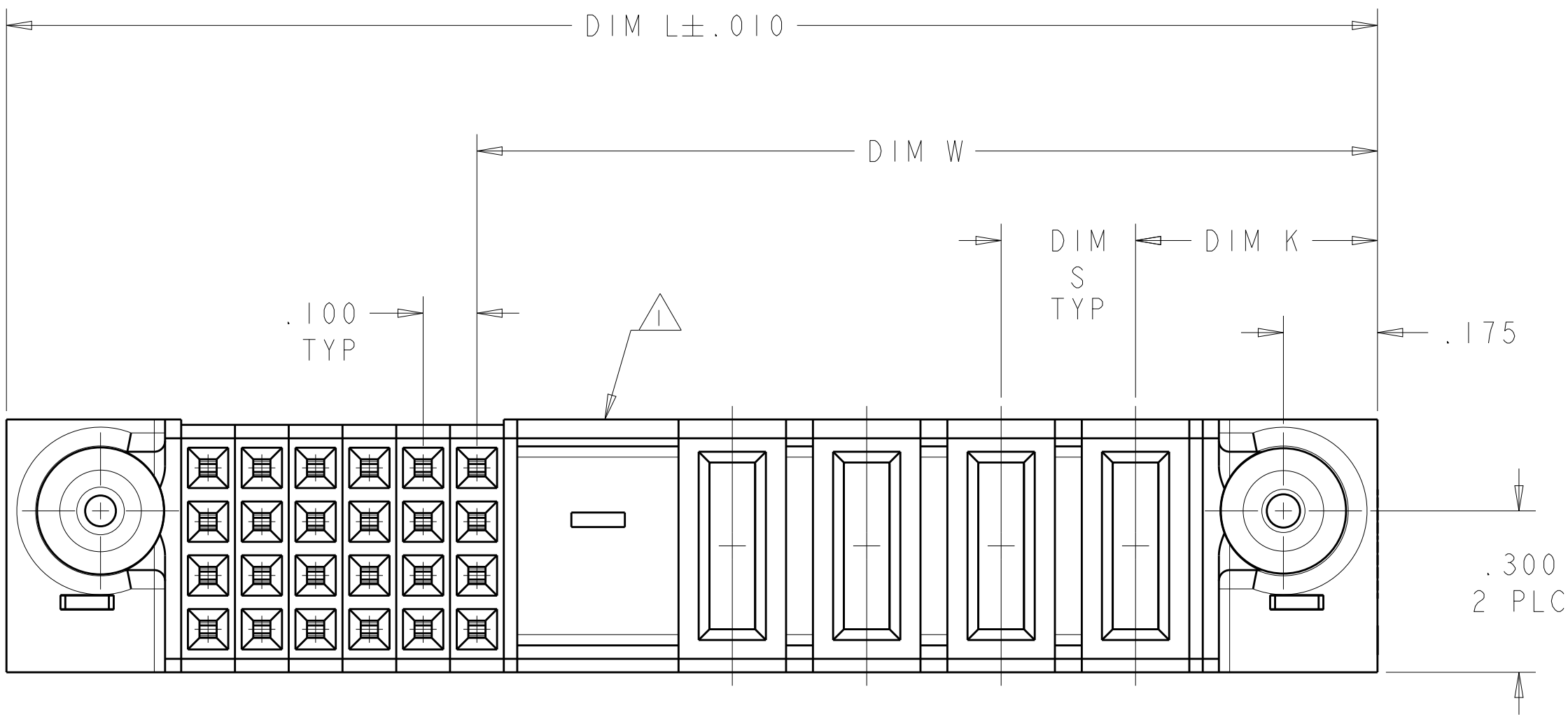
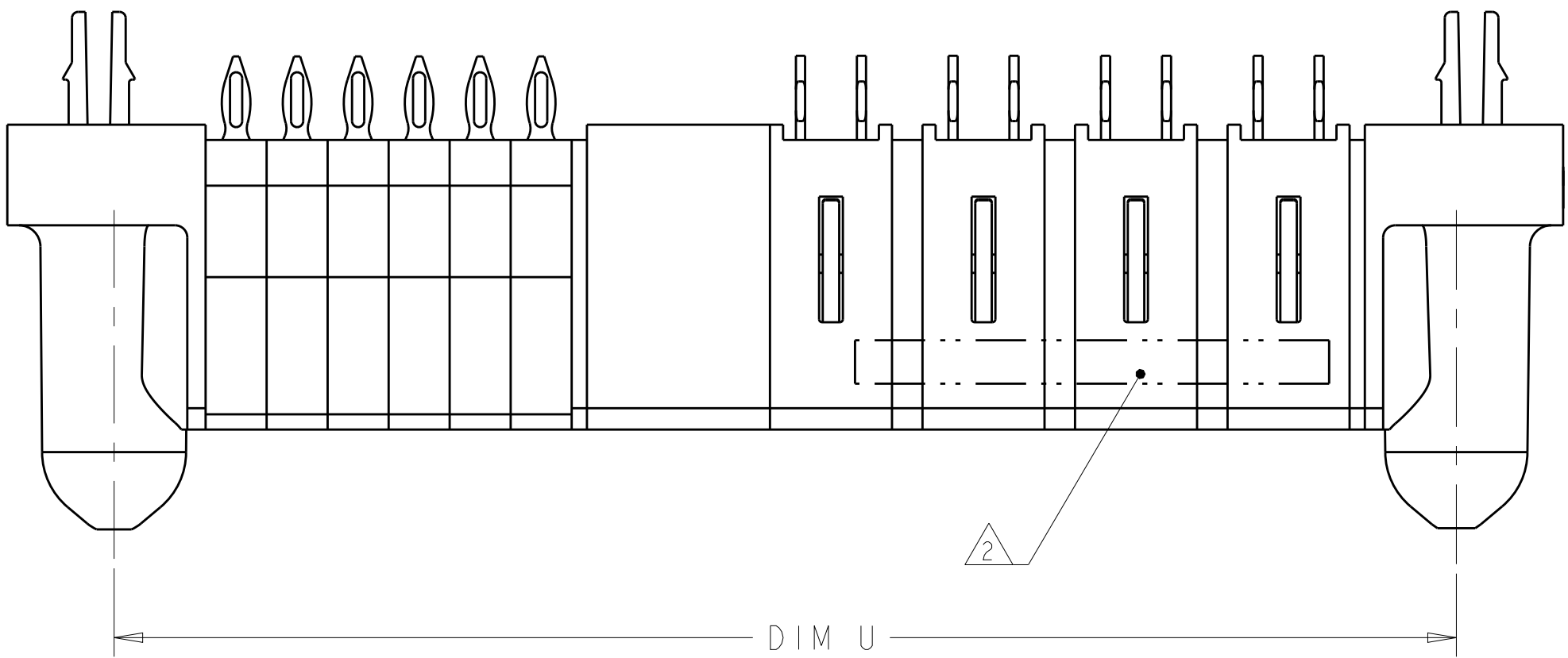
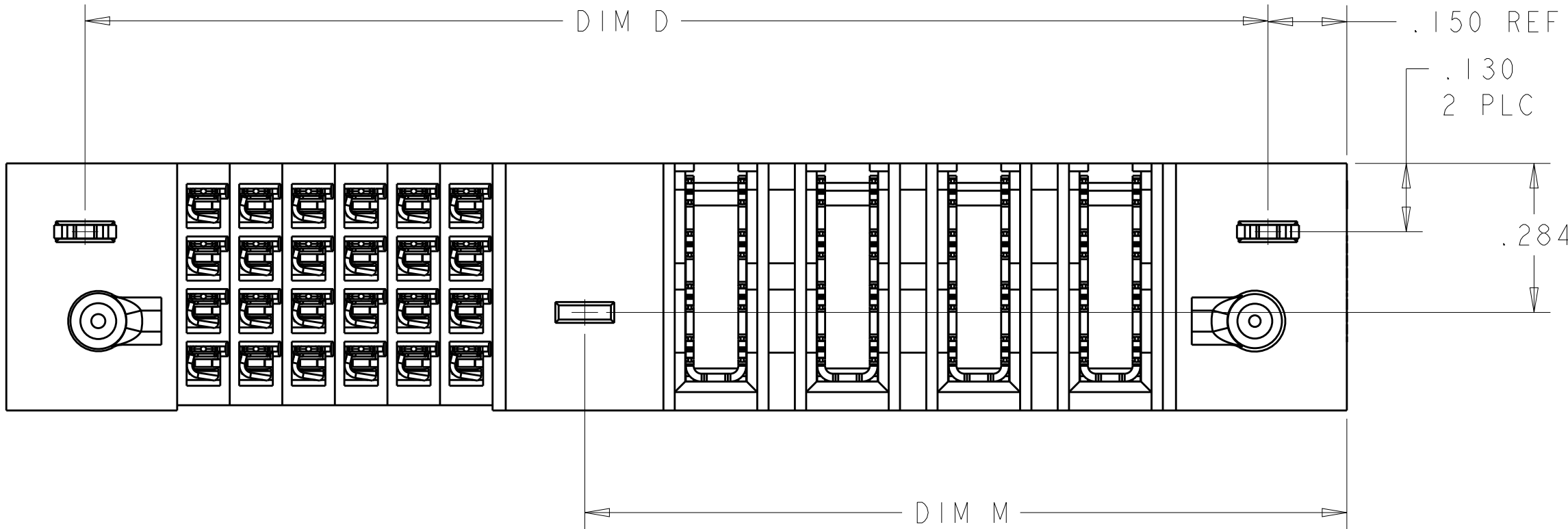
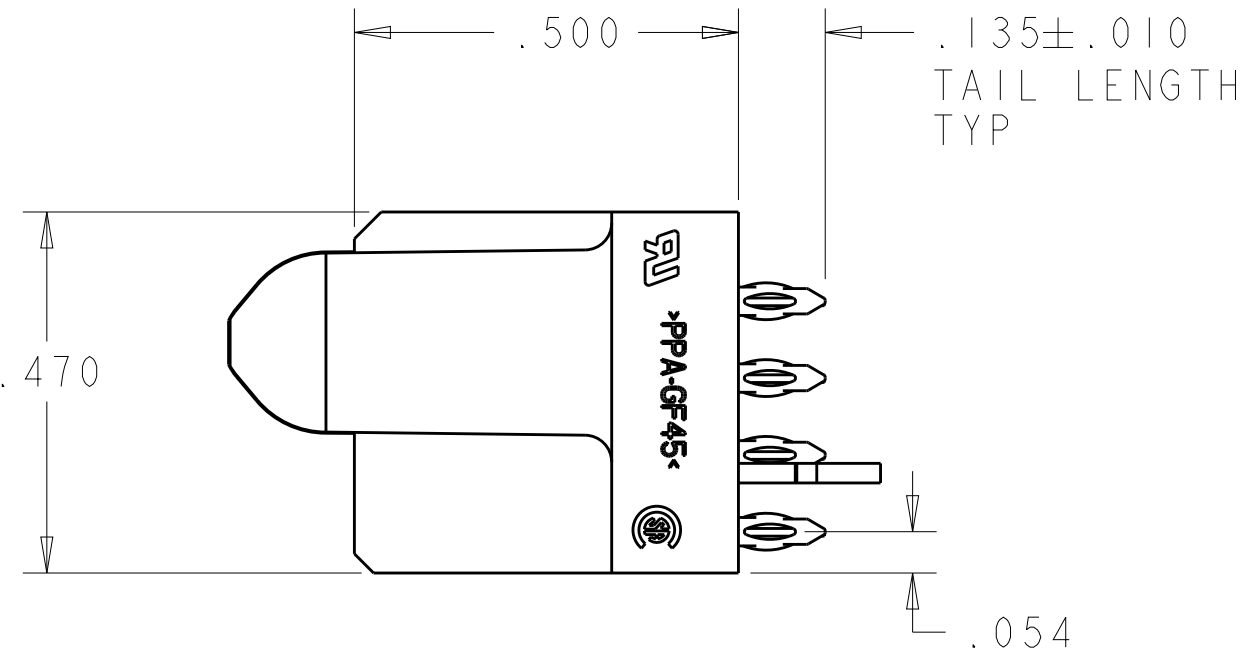


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		F2	REV PER ECR-11-021537	24OCT2011	CZ	SZ
			F3	ADDED THE DASH NUMBER -2	19JAN2012	ML	SZ
			F4	ADVISED	19MAR2013	ML	SZ



- 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.



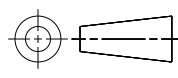
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHERKE APVD M.PERCHERKE	24JAN05 24JNA05	TE Connectivity	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-1973	NAME	VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL	
	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° FINISH	APPLICATION SPEC 114-13038	SIZE A1	CAGE CODE 00779	DRAWING NO 6450552
MATERIAL 3	4	WEIGHT -	CUSTOMER DRAWING	SCALE 4:1	SHEET 1 OF 8
				REV F5	

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

F1	NO	-	-	1.900	.250	1.375	2.250	.450	4P + 24S	2-6450552-0
F	NO	-	-	2.950	.200	2.425	3.300	.450	10HDP + 24S	1-6450552-9
F	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
	NO	-	-	5.100	-	2.375	5.450	.450	8P + 112S	1-6450552-0
	NO	-	-	3.800	-	3.175	4.150	.450	12P + 28S	6450552-9
F2	NO	-	-	2.275	-	1.750	2.625	.450	5P + 24S	6450552-8
	NO	-	-	2.825		2.300	3.175	.475	3ACP + 4P + 24S	6450552-7
	NO	-	-	2.900	.250	2.375	3.250	.450	8P + 24S	6450552-6
	NO	-	-	3.225		2.675	3.575	.525	3ACP + 6P + 24S	6450552-5
	NO	-	-	2.900	.250	2.375	3.250	.450	8P + 24S	6450552-4
F3	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



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES ±2°

FINISH

MATERIAL

-

DWN

R.GRZYBOWSKI

24JAN05

CHK

M.PERCHERKE

24JNA05

APVD

M.PERCHERKE

-

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

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

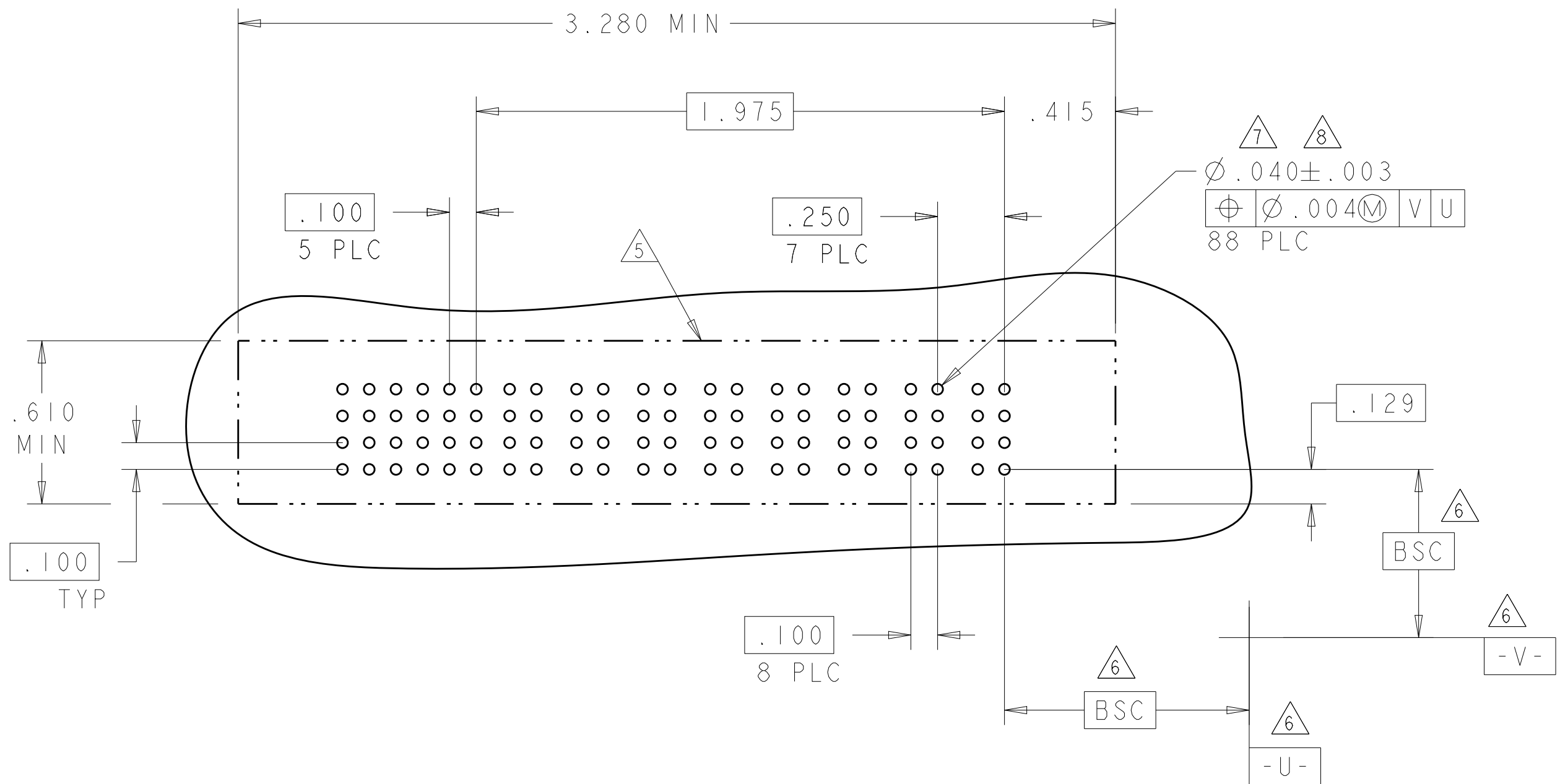
OF

8

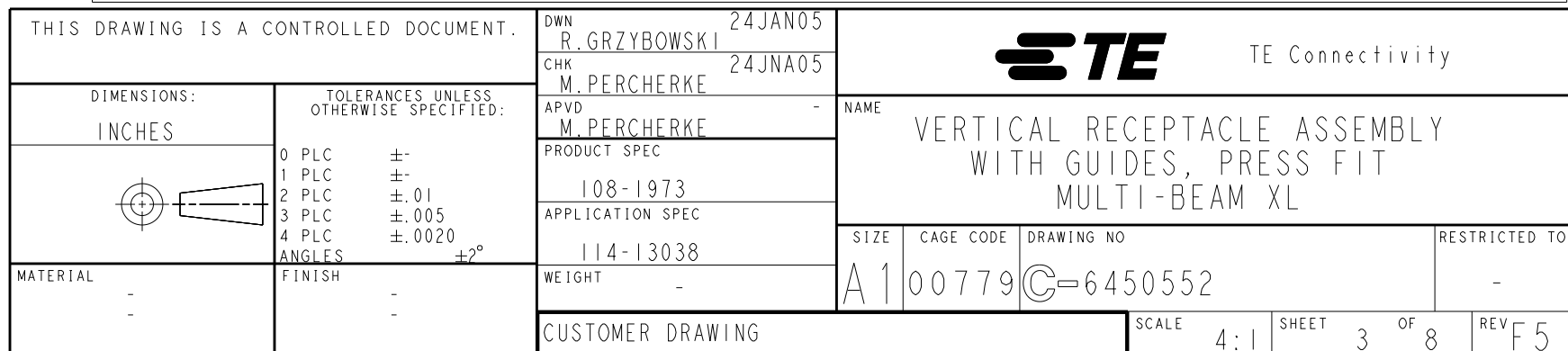
REV

F5

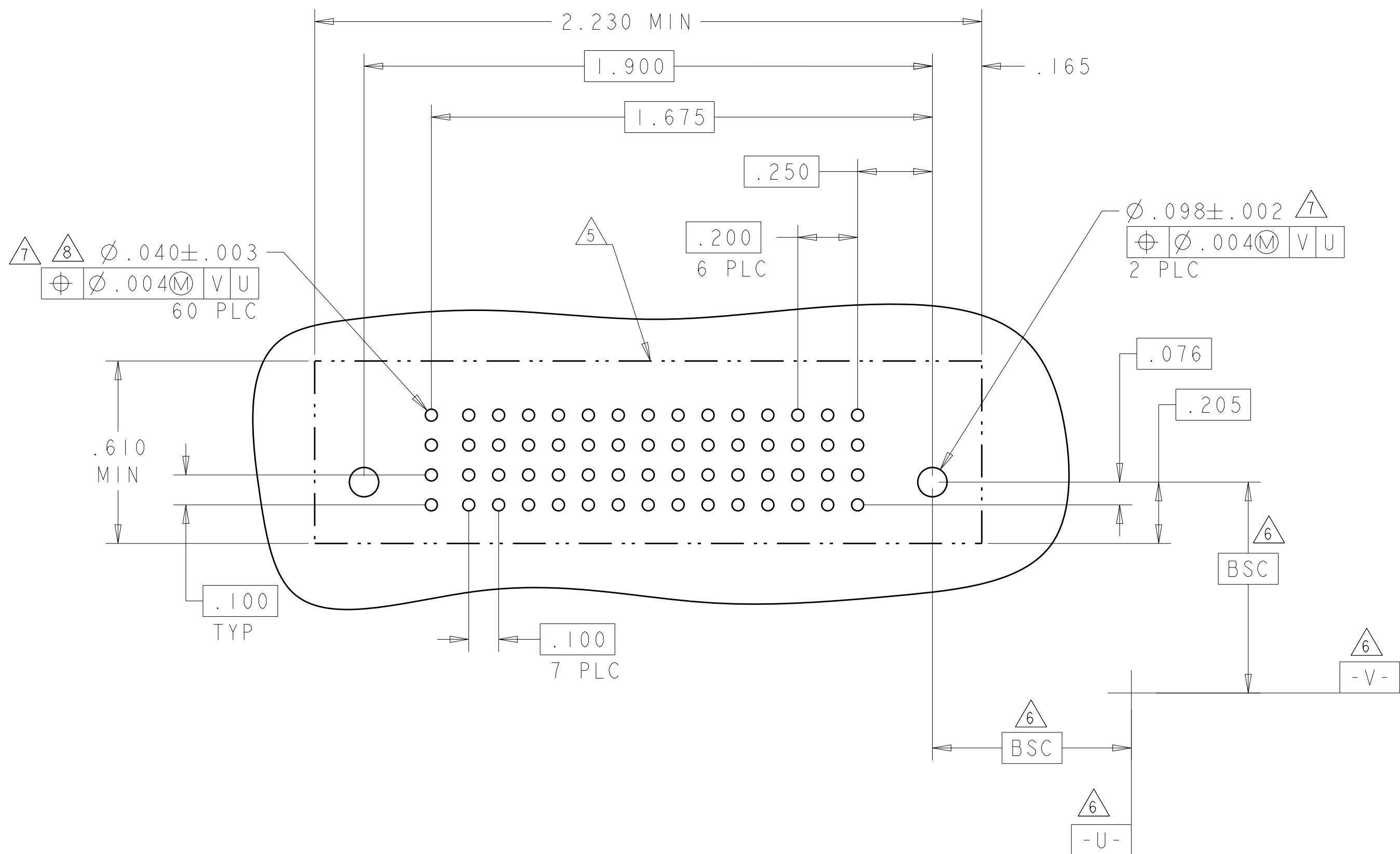
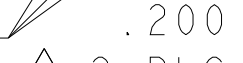
PART NUMBER	ROWS		SIGNAL							POWER														
			6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1								
6450552-6	D C B A		AP	AP	AP	AP	AP	AP	AP															
			AP	AP	AP	AP	AP	AP	GS									GS	GP	GP	GP	GP	GS	GS
			AP	AP	AP	AP	AP	AP																
			AP	AP	AP	AP	AP	AP																
8P + 24S																								



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			



PART NUMBER	ROWS		SIGNAL	POWER								
			I	P7	P6	P5	P4	P3	P2	P1		
1-6450552-8	D C B A		AP									
			AP									
			AP									
			AP									
			AP									
7HDP + 4S												

[illegible]

[illegible]

4.980 MIN

3.475

.415

.100
7 PLC

.250
13 PLC

$\varnothing .040 \pm .003$
144 PLC

.129

.100
14 PLC

.610 MIN

.100
TYP

BSC

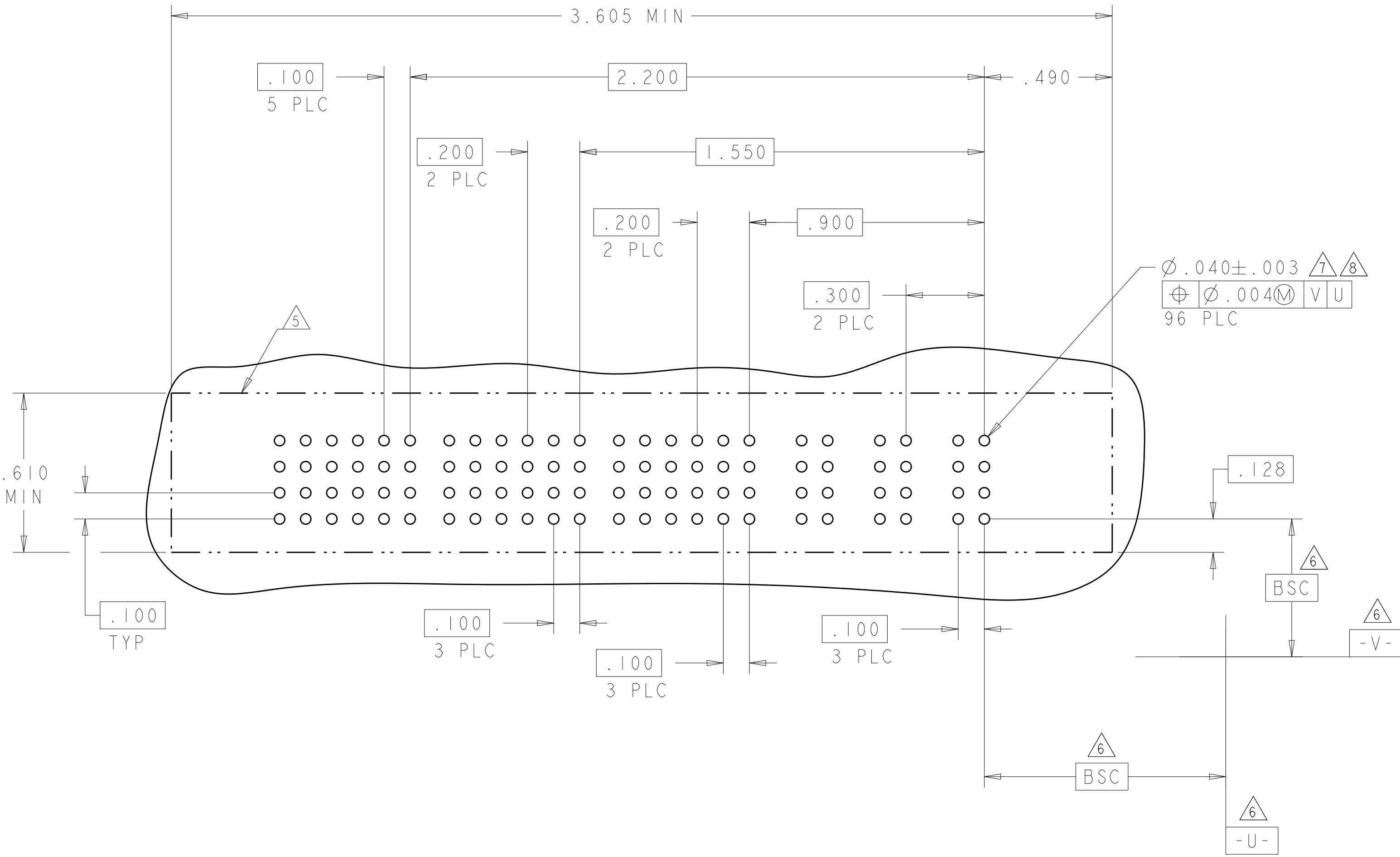
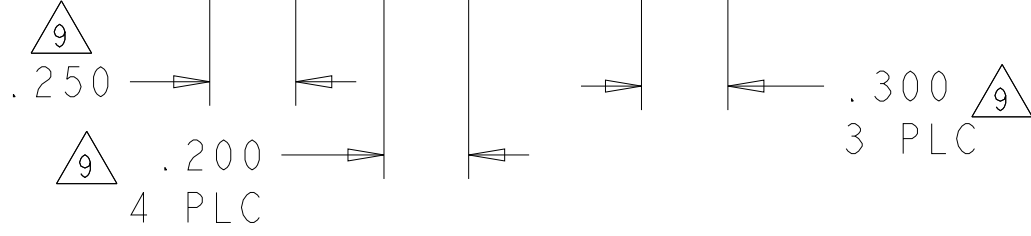
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-V-

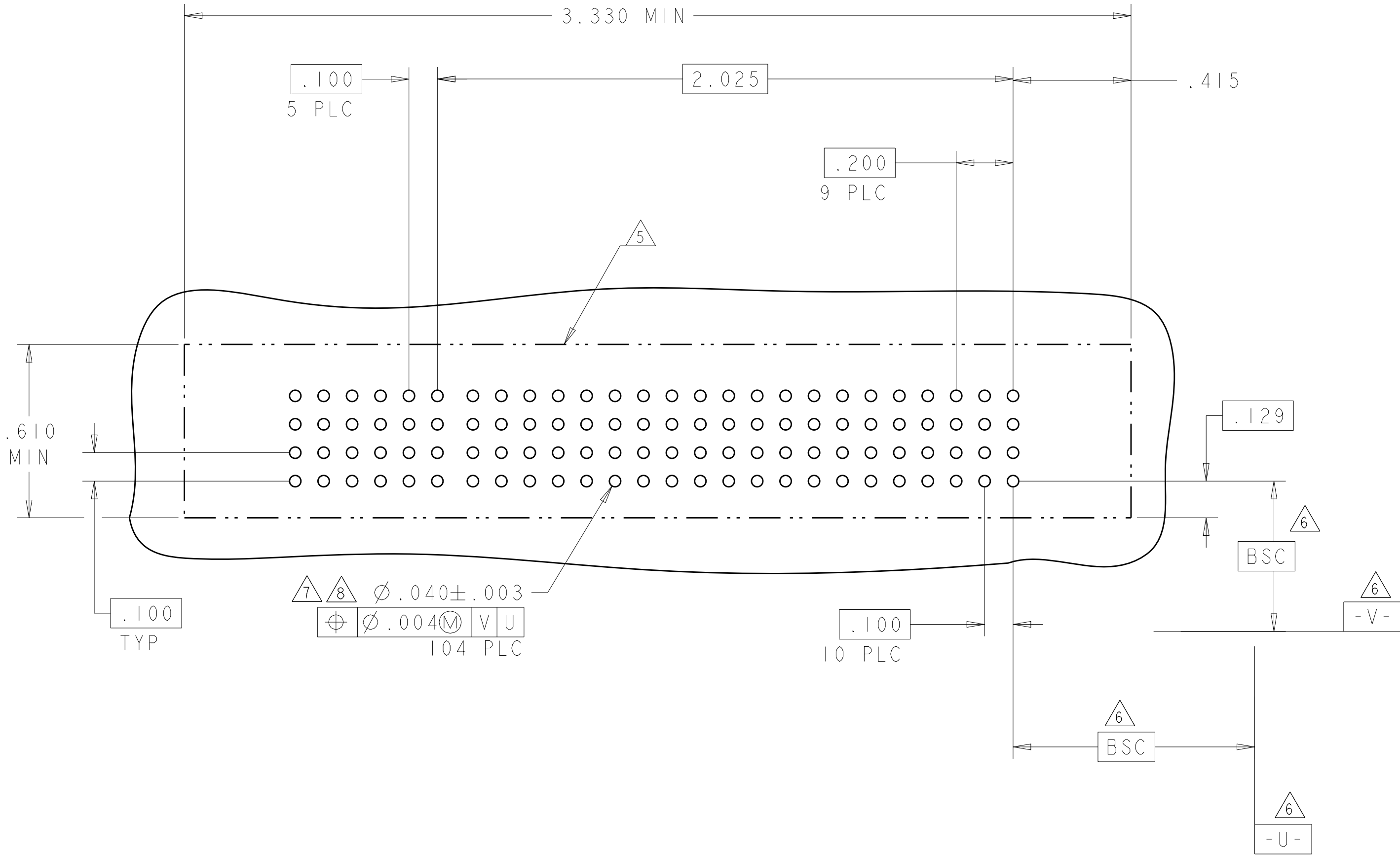
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 24JAN05		NAME	
DIMENSIONS: INCHES		CHK M. PERCHERKE 24JAN05		TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL	
0 PLC ±.01		108-1973		SIZE	
1 PLC ±.01		APPLICATION SPEC		CAGE CODE	
2 PLC ±.005		114-13038		DRAWING NO	
3 PLC ±.002		WEIGHT		A100779	
4 PLC ±.002		MATERIAL		CUSTOMER DRAWING	
ANGLES ±2°		FINISH		SCALE 4:1	
				SHEET 5 OF 8	
				REV F5	

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																			

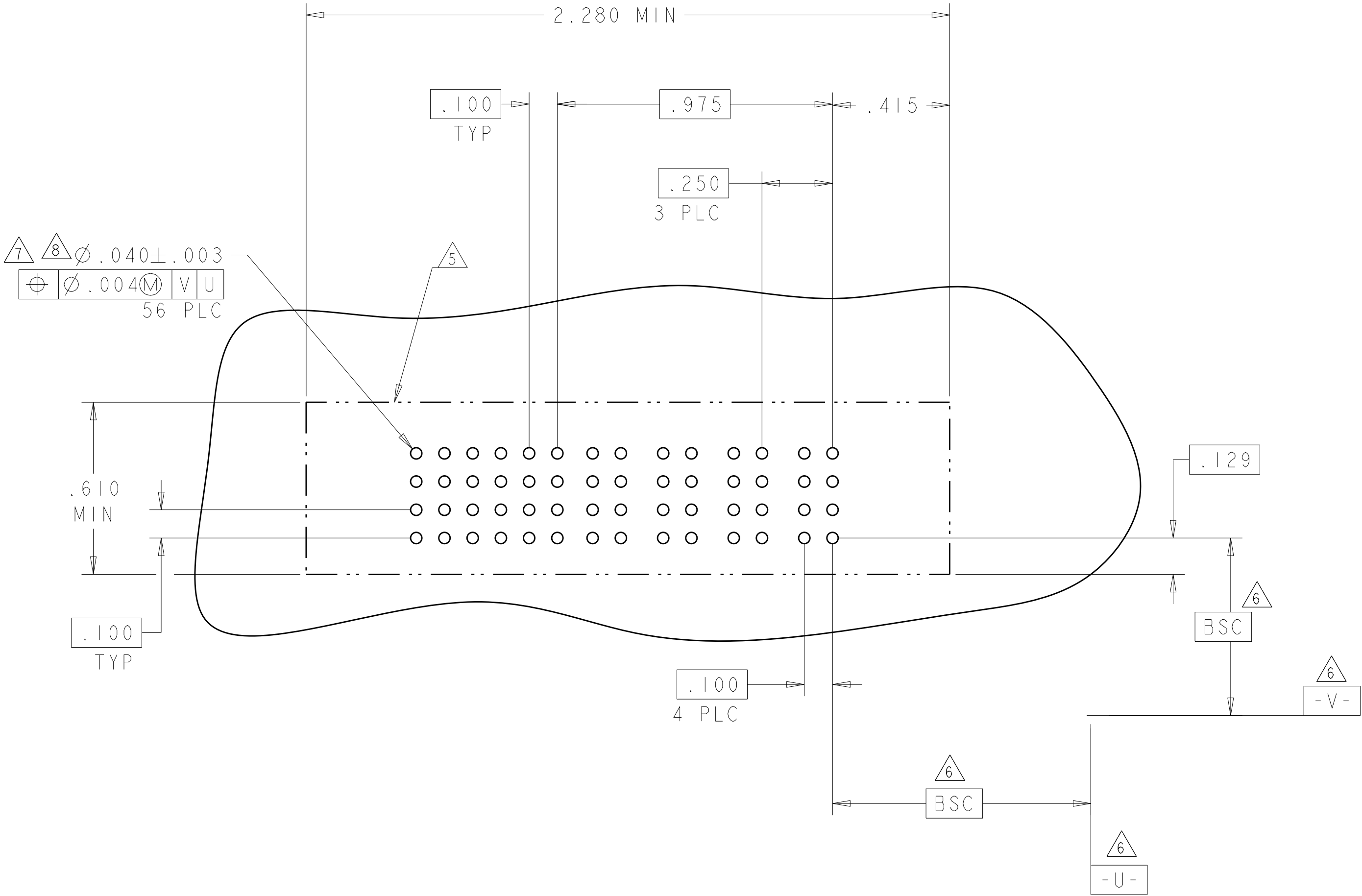


PART NUMBER	ROWS		SIGNAL							POWER									
			6	5	4	3	2	1	PI0	P9	P8	P7	P6	P5	P4	P3	P2		PI
1-6450552-9	D C B A		A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	
			A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	
			A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	
			A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	



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

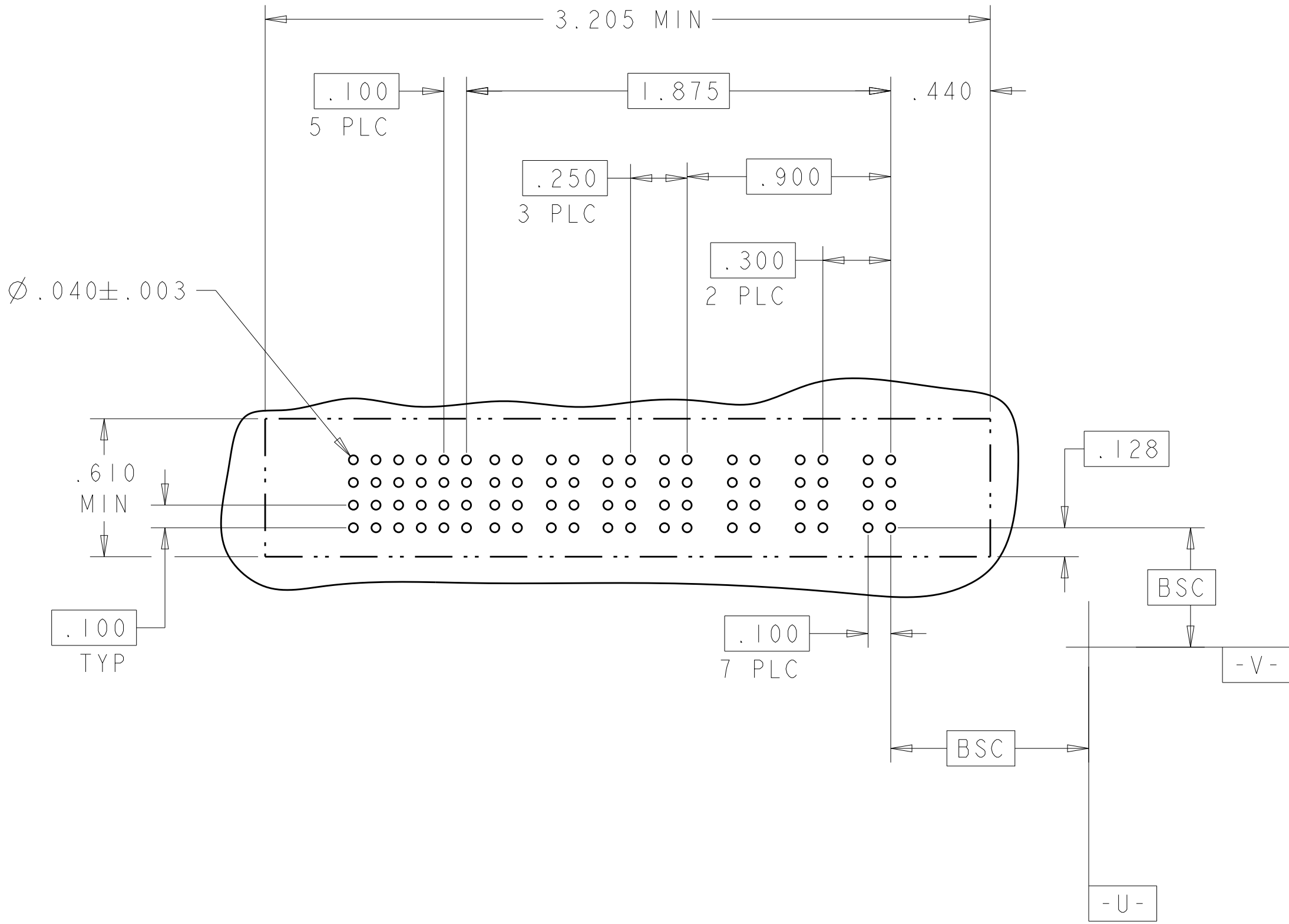
ASSY PART NUMBER	ROWS		SIGNAL						POWER						
			6	5	4	3	2	1	P4	P3	P2	P1			
2-6450552-0	D C B A		AP	AP	AP	AP	AP	AP		GS		GS		GS	
			AP	AP	AP	AP	AP	AP							
			AP	AP	AP	AP	AP	AP							
			AP	AP	AP	AP	AP	AP							
4P + 24S															



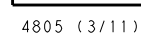
PART NUMBER	ROWS		SIGNAL						POWER								
			6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1		
6450552-7	D C B A		AP	AP	AP	AP	AP	AP									
			AP	AP	AP	AP	AP	AP									
			AP	AP	AP	AP	AP	AP									
			AP	AP	AP	AP	AP	AP									
3ACP + 4P + 24S																	

9 .250 3 PLC
9 .300 3 PLC

F2



F 3



TE TE Connectivity

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