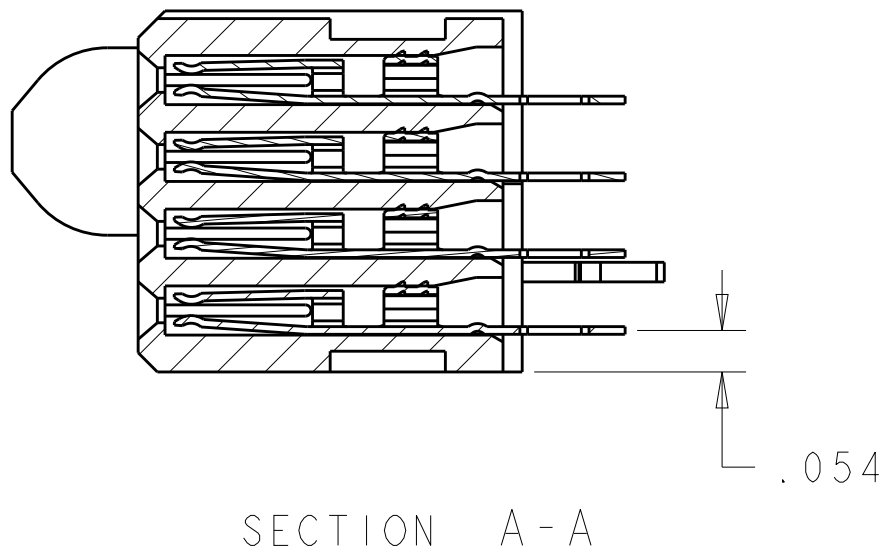
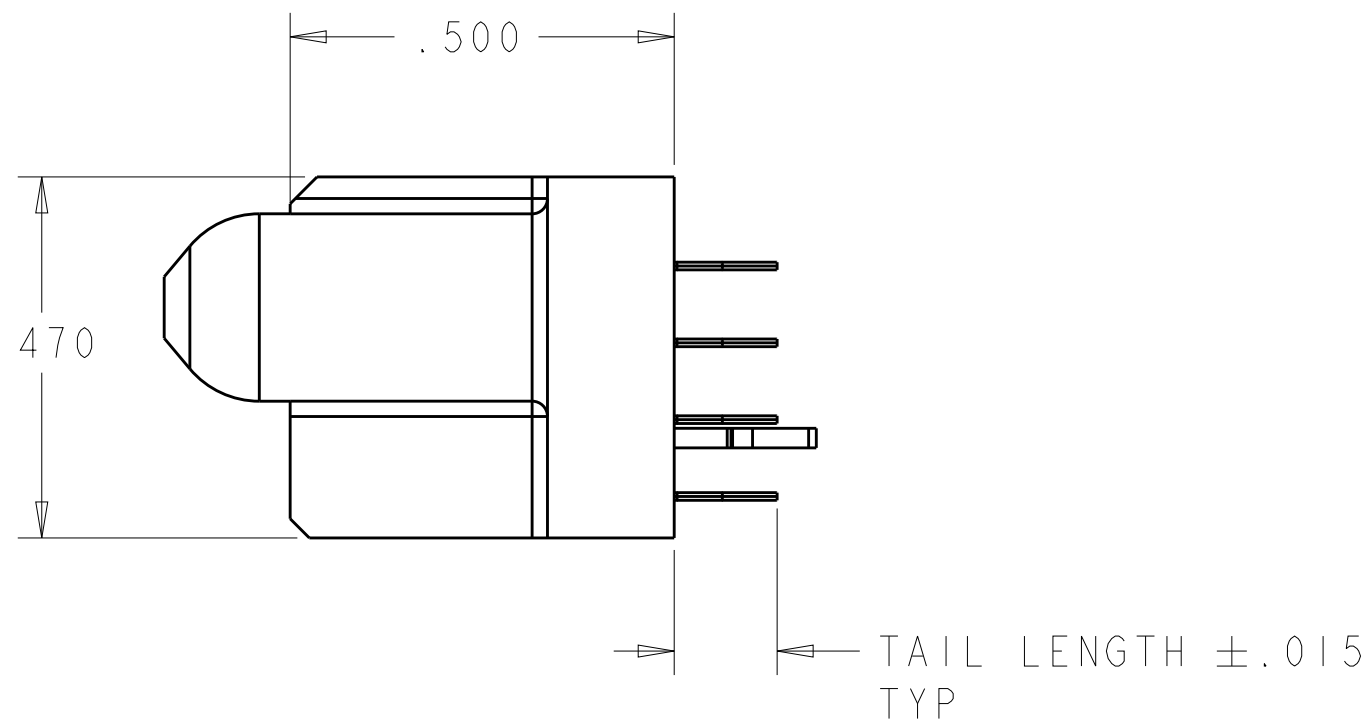
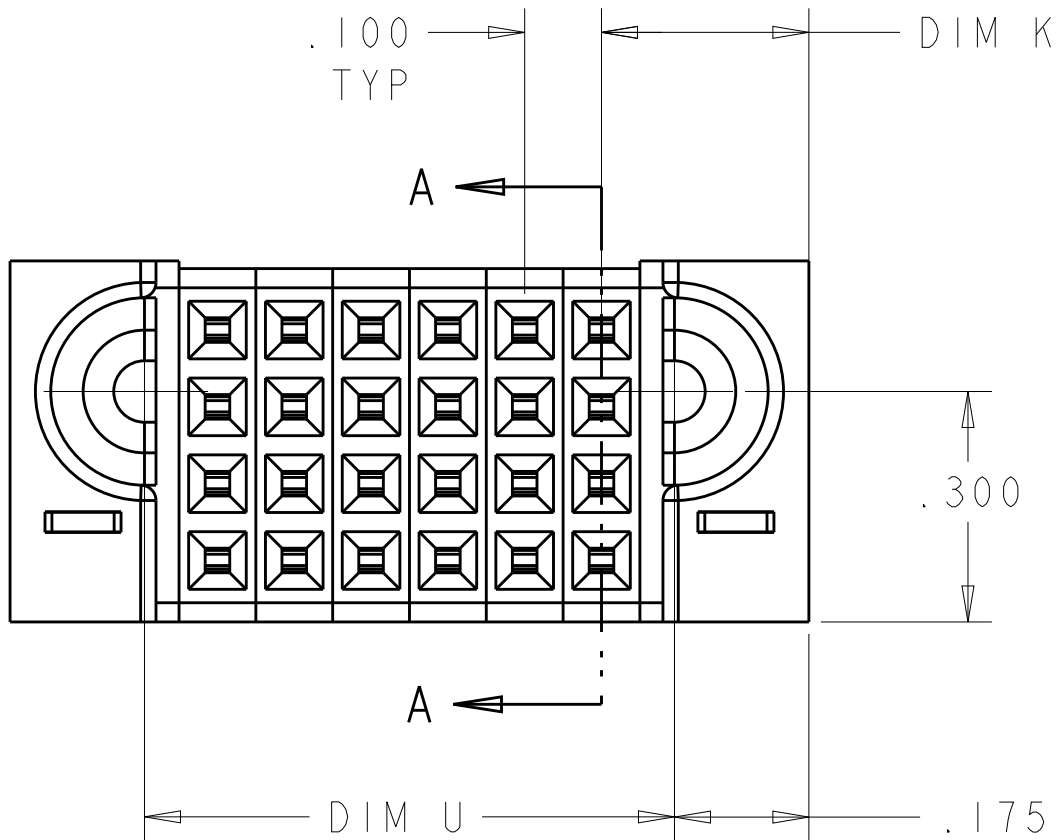
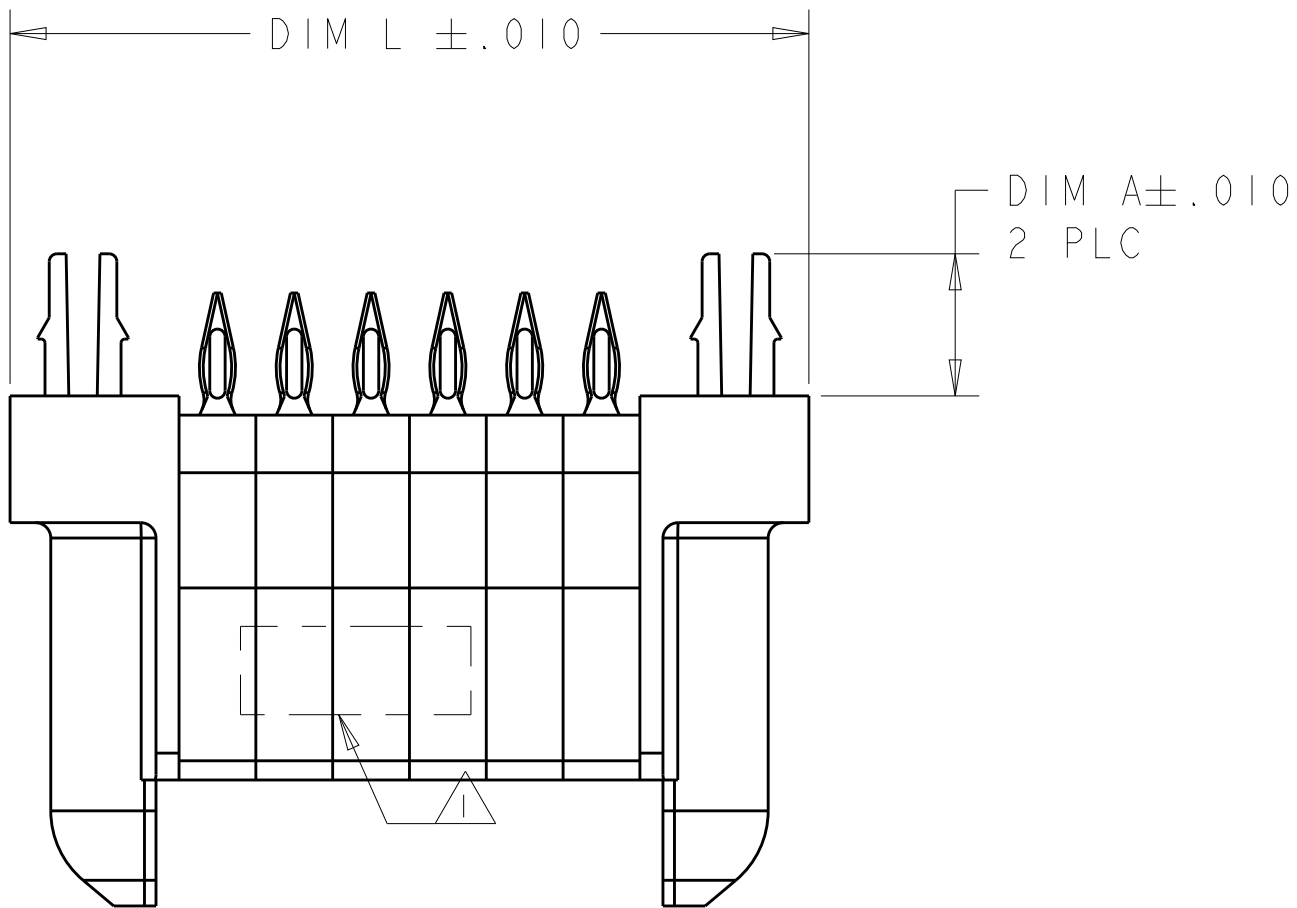
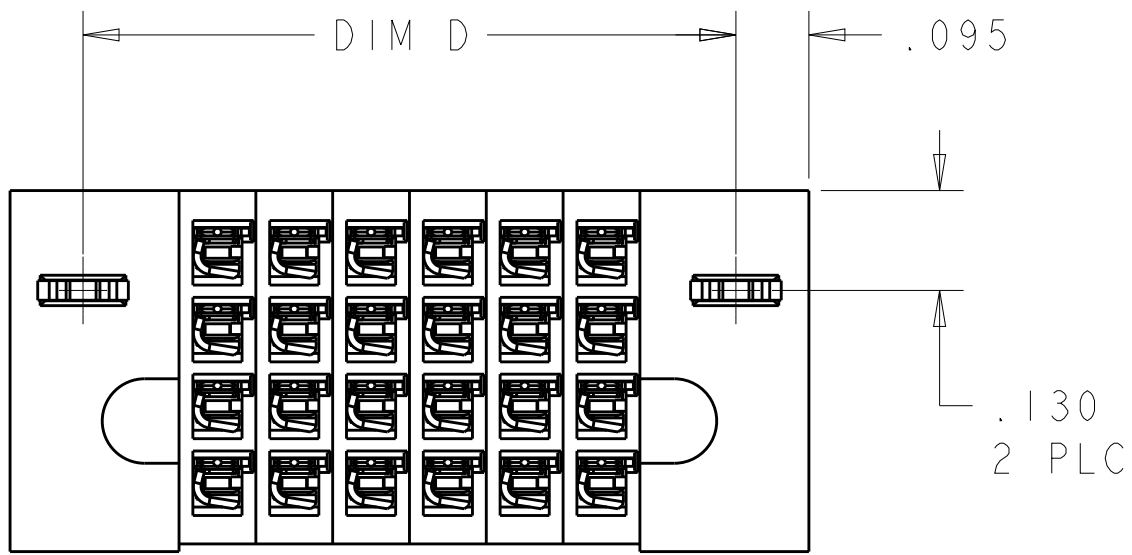


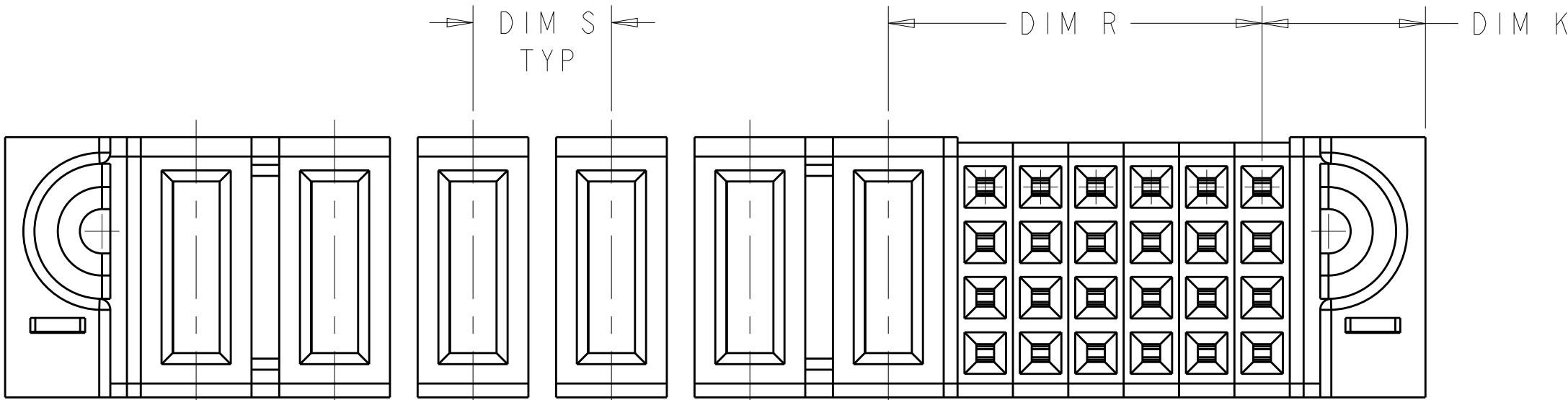
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			G5	ADD NEW DASH NUMBER 1-8	11AUG2014	AL	SZ



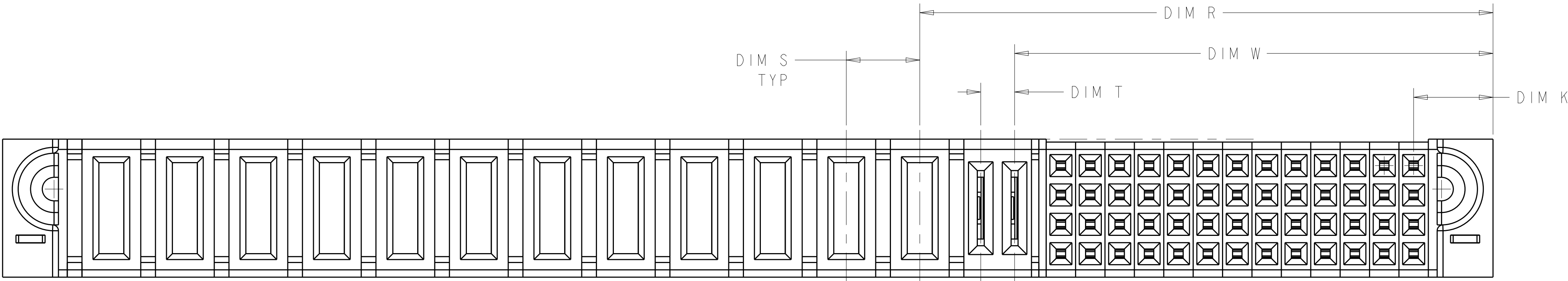
- 1 "AMP", PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN
PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 3 CONTACT PLATING: NOBLE METAL PLATING ON 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 - 0.0453 ±.0010 DRILLLED HOLES PLATED WITH .0003 MIN Sn
OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 ±.0030 HOLE
- 8 FOR "S+P" CONFIGURATION ,VARIABLE DIMENSIONS PLEASE REFER TO SHEET 2
- 9 FOR "S+LP+P" CONFIGURATION ,VARIABLE DIMENSIONS PLEASE REFER TO SHEET 2
- 10 VARIABLE DIMENSION REFER TO THE DIMENSION ON CORRRESPONDING MODEL UNDER THE PCB

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.ZHOU CHK S.ZHAO APVD	20JUN2012 20JUN2012 -	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251	NAME VERTICAL RECEPTACL ASSEMBLY WITH SHORT GUIDE,PRESS FIT MULTI-BEAM XLE	
MATERIAL		FINISH	WEIGHT	SIZE A1	RESTRICTED TO -
Customer Drawing		SCALE 1:1	SHEET 1	OF 11	REV G5

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



△8 FOR "S + P" CONFIGURATION
UNSPECIFIED DIMENSIONS REFER TO SHEET 1.



△9 FOR "S + LP + P" CONFIGURATION
UNSPECIFIED DIMENSIONS REFER TO SHEET 1.

G5	.185	-	-	-	-	1.640	1.290	1.450	.270	48S	1-6450861-8
	.128	-	-	△10	.475 △8	1.990	1.640	1.800	.270	16S + 4P	1-6450861-7
	.185	-	-	-	-	.840	.490	.650	.270	16S	1-6450861-6
	.185	-	-	.200 △8	.675 △8	1.865	1.515	1.675	.270	24S + 4P	1-6450861-5
	.185	-	-	-	-	2.140	1.790	1.950	.320	64S	1-6450861-4
	.185	-	-	.250 △8	.475 △8	3.840	3.490	3.650	.295	16S + 12P	1-6450861-3
	.185	-	-	.300 △8	.875 △8	2.465	2.115	2.275	.320	32S + 4ACP	1-6450861-2
	.185	-	-	.250 △8	.475 △8	3.340	2.990	3.150	.295	16S + 10P	1-6450861-1
	.185	-	-	.250 △8	.675 △8	2.040	1.690	1.850	.270	24S + 4P	6450861-9
	.185	-	-	.250 △8	.475 △8	1.440	1.090	1.250	.320	16S + 2P	6450861-8
	.185	.115 △9	1.6275 △9	.250 △9	1.950 △9	5.070	4.720	4.880	.270	52S + 2LP + 12P	6450861-6
	.185	-	-	.250 △8	.675 △8	3.065	2.715	2.875	.295	24S + 8P	6450861-5
	.185	-	-	.250 △8	.675 △8	2.565	2.215	2.375	.295	24S + 6P	6450861-4
	.185	-	-	.250 △8	.675 △8	2.565	2.215	2.375	.295	24S + 6P	6450861-3
	.185	-	-	-	-	2.240	1.890	2.050	.270	72S	6450861-2
	.185	-	-	-	-	1.040	.690	.850	.270	24S	6450861-1
	DIM A	DIM T	DIM W	DIM S	DIM R	DIM L	DIM U	DIM D	DIM 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
C. ZHOU

CHK
S. ZHAO

APVD
S. YAO

0806N2008

0806N2008

-

PRODUCT SPEC

108-2292

APPLICATION SPEC

114-13098

WEIGHT

-

CUSTOMER DRAWING

SCALE 4:1

SHEET 2 OF 11

REV 66

NAME

VERVEBAREBERSSEMBLY

W/ WITH IS FOR TO GUIDE, PRESS FRIT

MULTI-MATERIAL XLE

SIZE

A1

CAGE CODE

00779

DRAWING NO

6450861

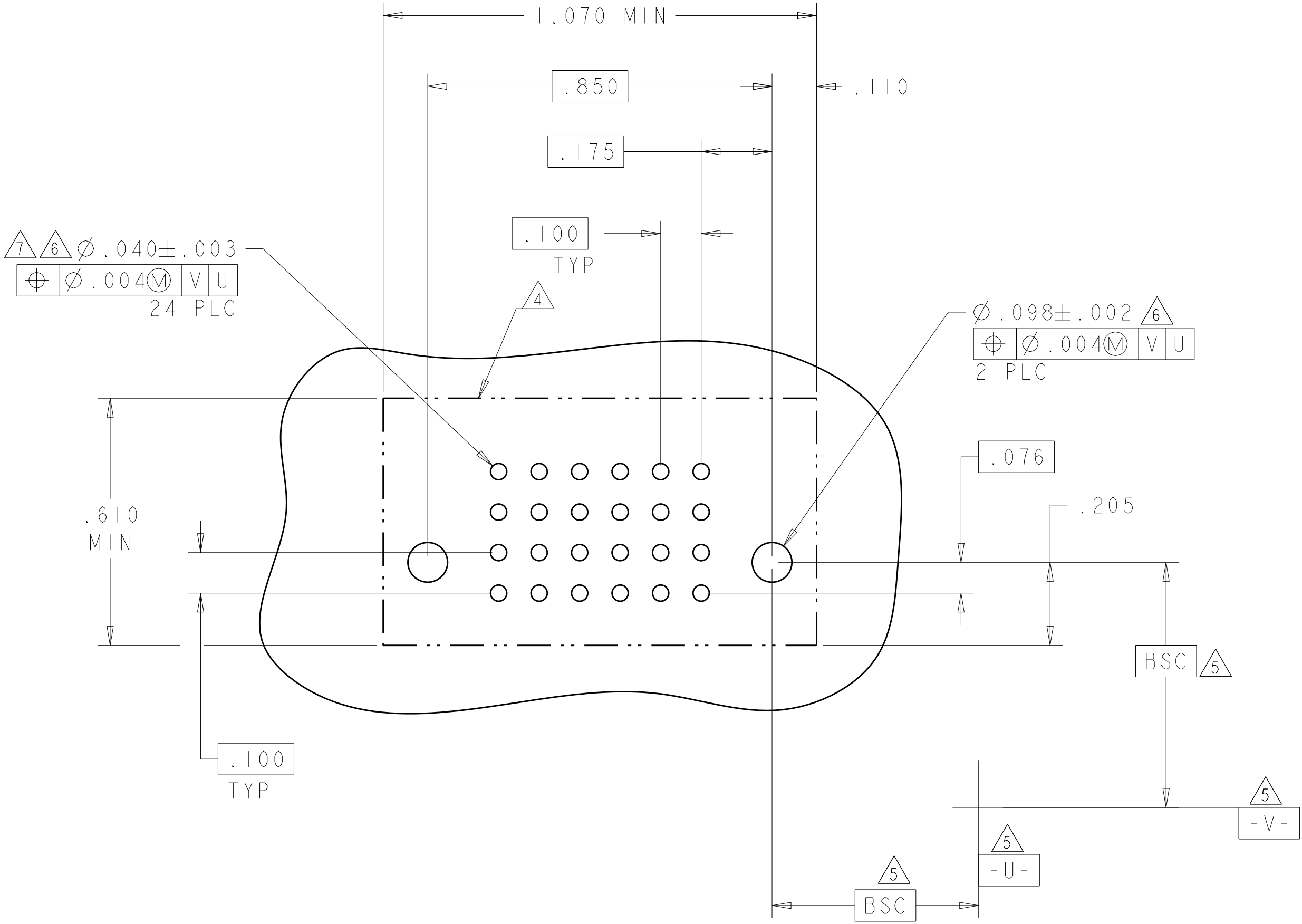
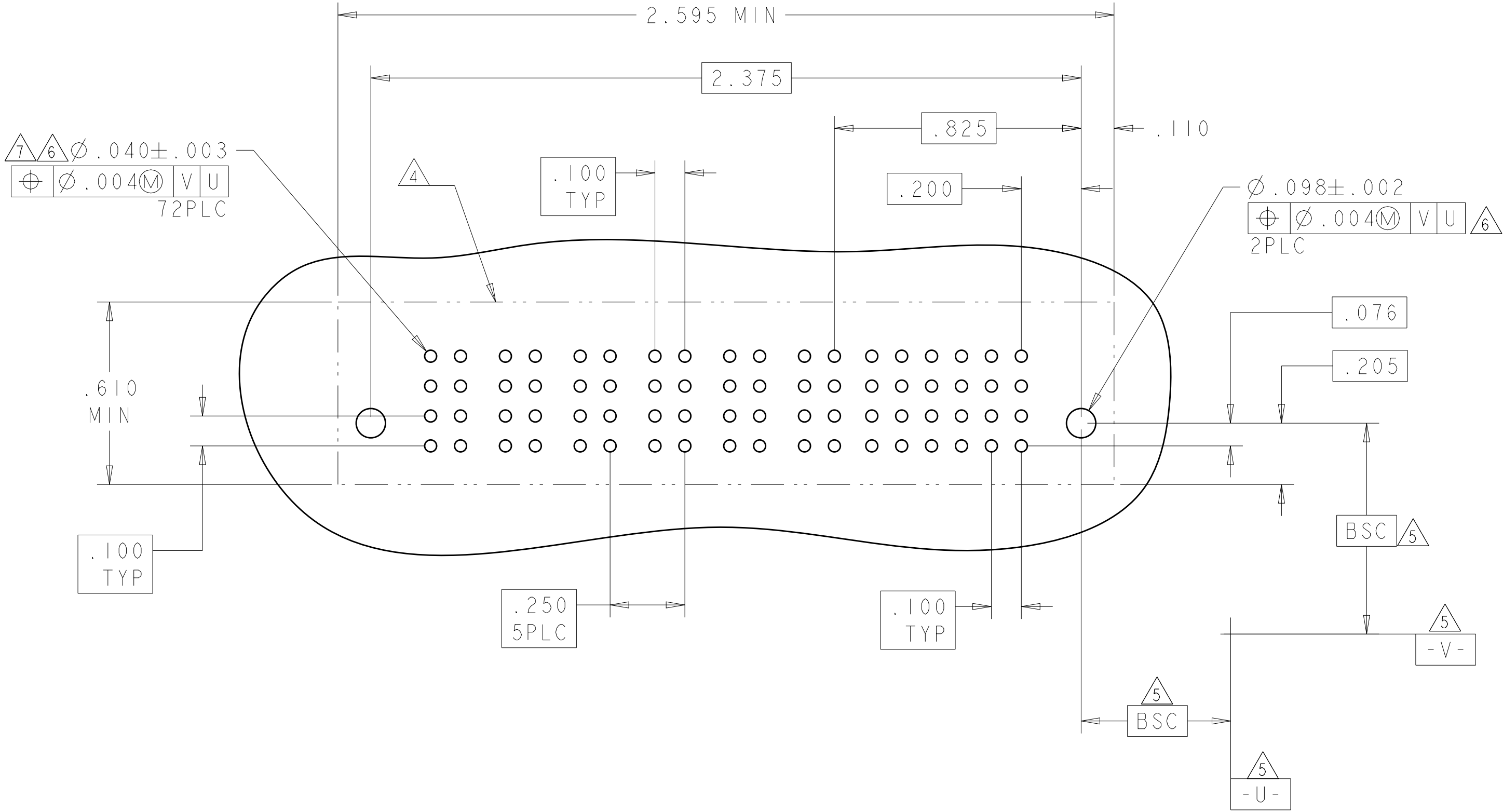
RESTRICTED TO

-

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

PART NUMBER	ROWS		POWER						SIGNAL						
			P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	
6450861-3	D C B A		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		
24S + 6P															

PART NUMBER	ROWS		SIGNAL						
			6	5	4	3	2	1	
6450861-1	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	
24S									



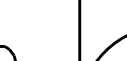
F1	HS	STD POWER PRESS FIT CONTACT .165"
	BP	SIGNAL PRESS FIT CONTACT .165"
	AP	SIGNAL PRESS FIT CONTACT .135"
	GP	MFBL POWER PRESS FIT CONTACT .135"
	GS	STD POWER PRESS FIT CONTACT .135"
CODE		TAIL LENGTH
CONTACT TABLE		

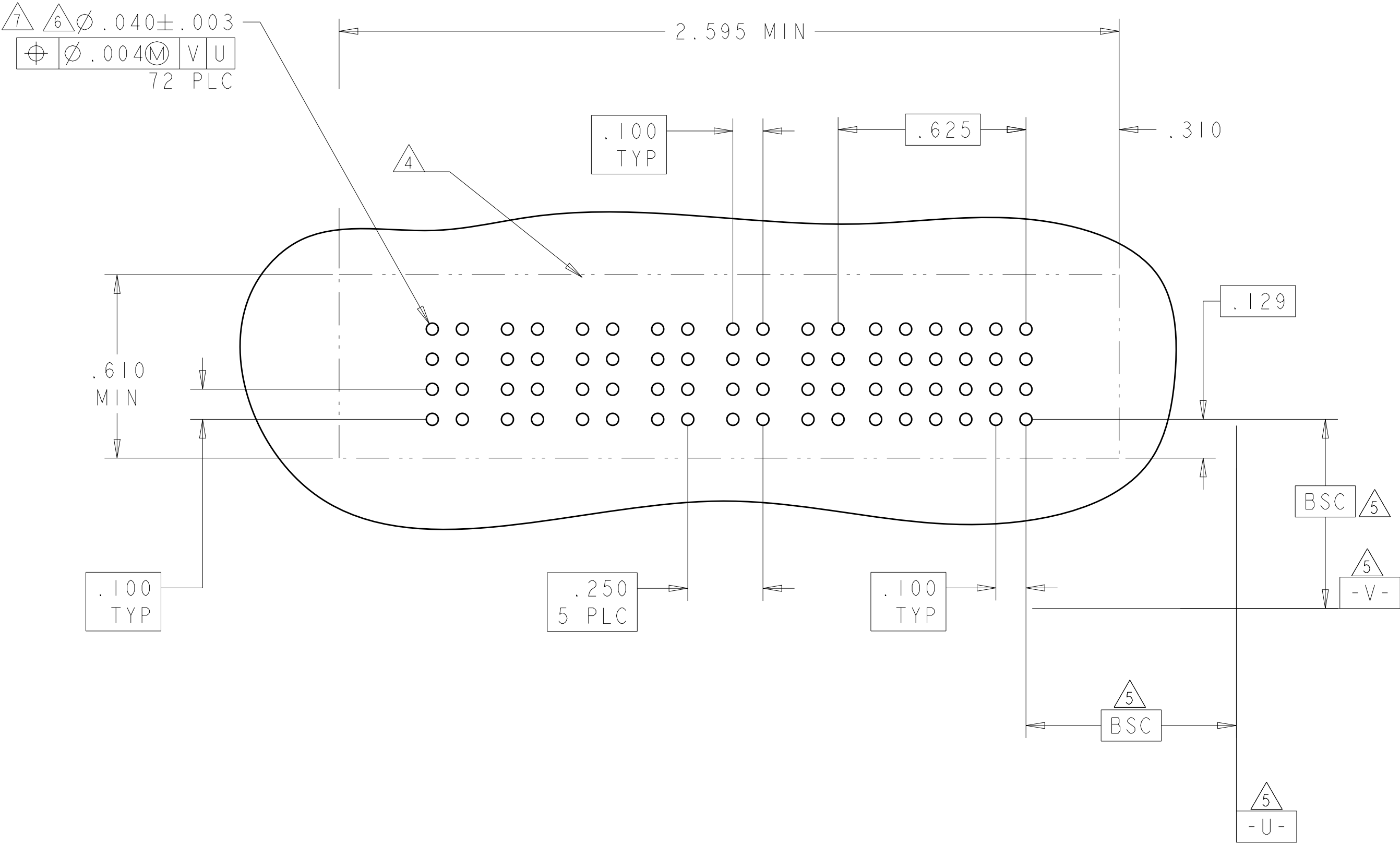
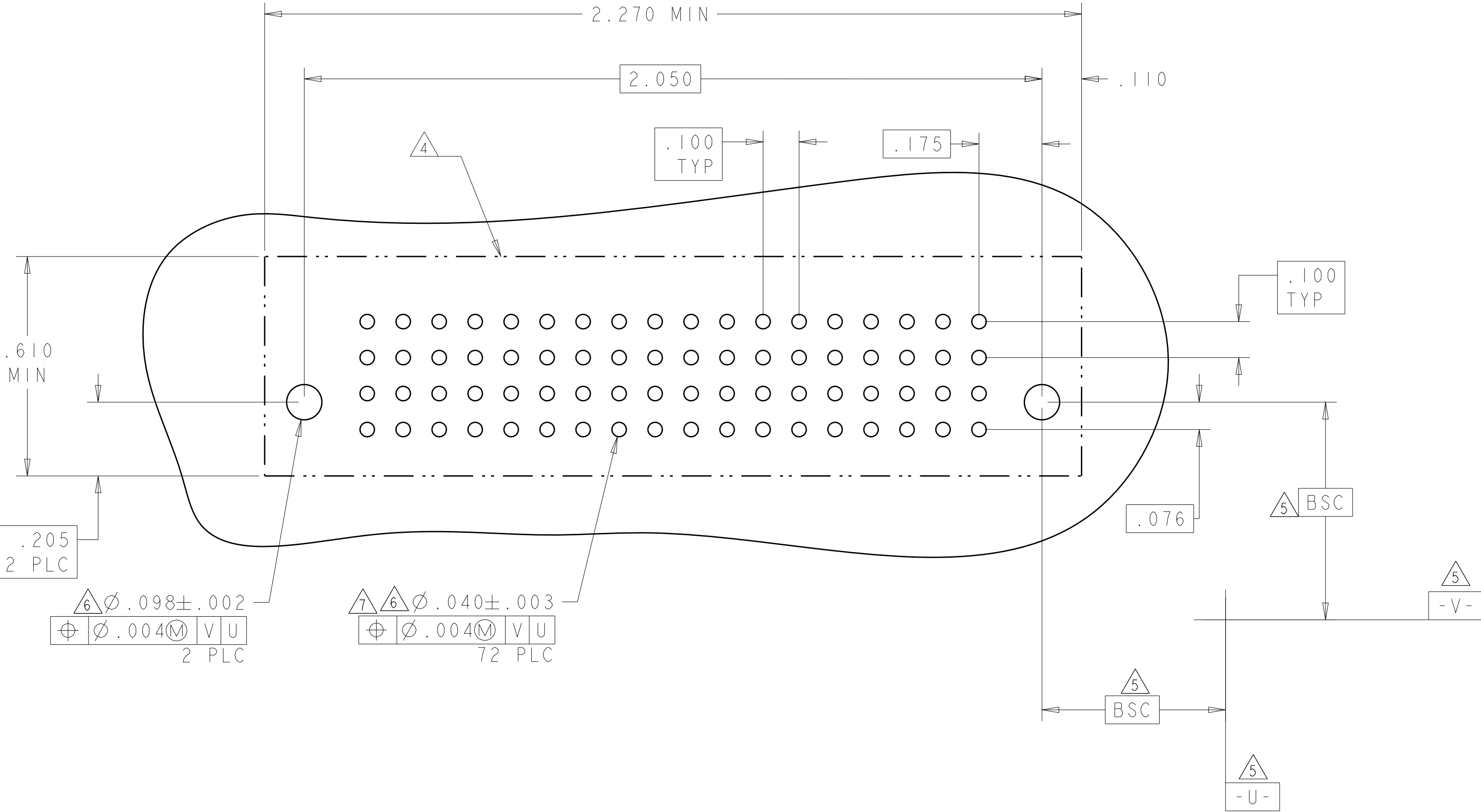
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. ZHOU CHK S. ZHAO APVD S. YAO	08MAR2008 08MAR2008
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° FINISH	
MATERIAL		WEIGHT	
-		-	
CUSTOMER DRAWING		SCALE 4:1	
SHEET 3 OF 11		REV G5	

NAME		VERVEBARBERSASSEMBLY	
PRODUCT SPEC		108-2292	
APPLICATION SPEC		114-13098	
SIZE		A100779	
CAGE CODE		6450861	
DRAWING NO		-	
RESTRICTED TO		-	

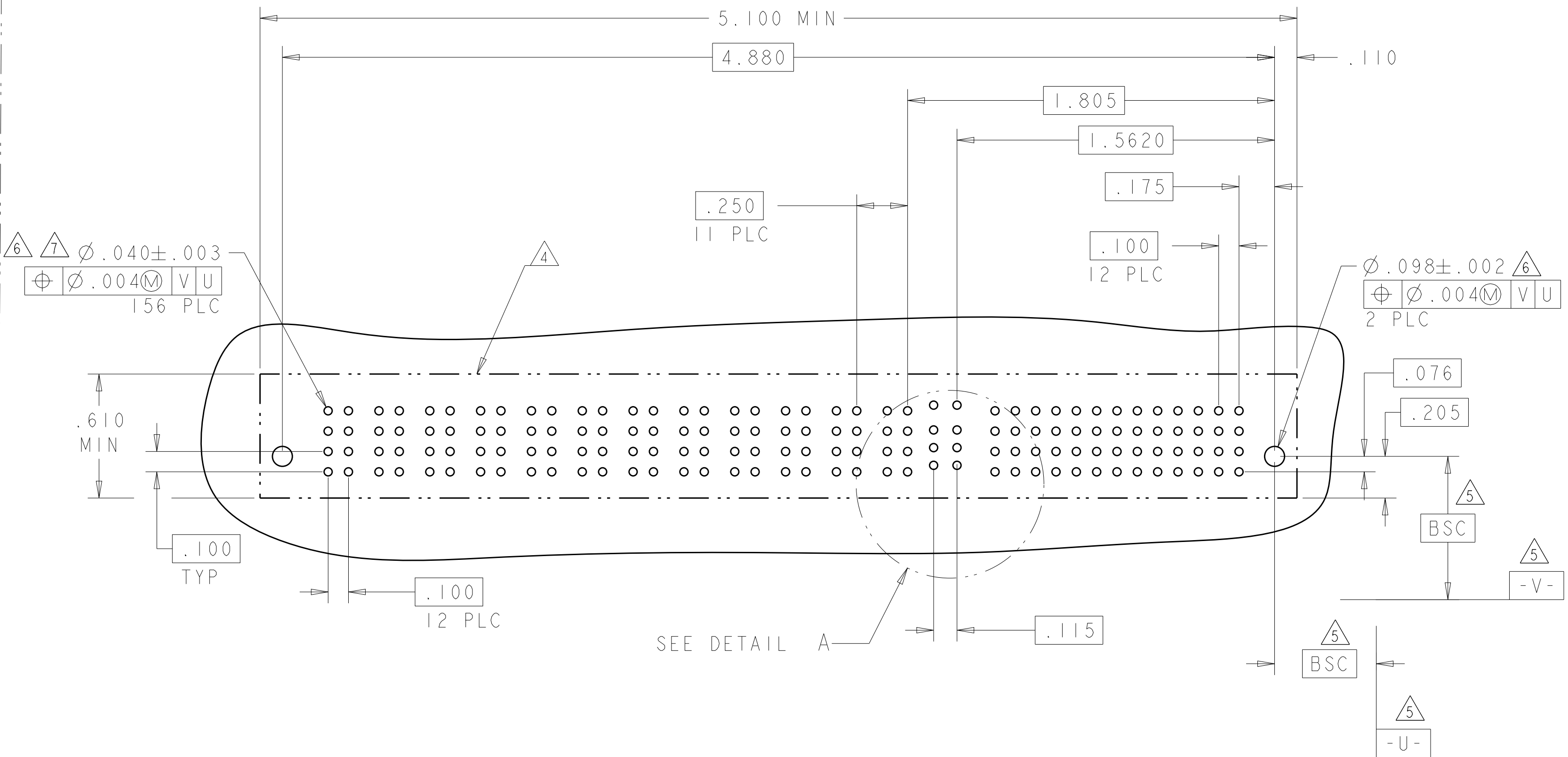
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

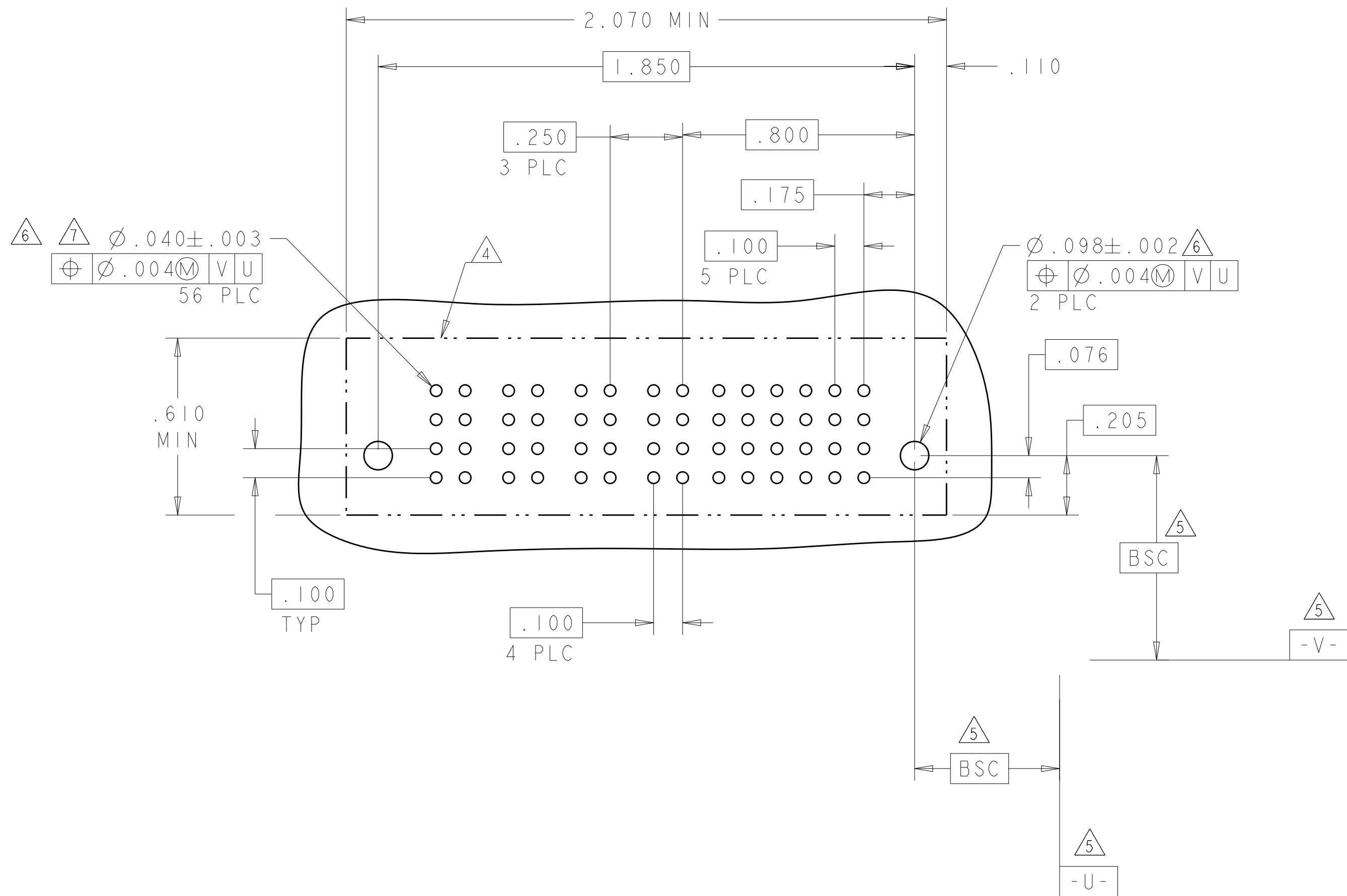
PART NUMBER	ROWS		SIGNAL																		
			18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
6450861-2	D C B A		AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	
			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	
			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	
			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	
72S																					

PART NUMBER	ROWS		POWER					SIGNAL								
			P6	P5	P4	P3	P2	P1	6	5	4	3	2		1	
6450861-4	D C B A															
24S + 6P																

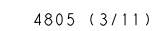


PART NUMBER	ROWS		POWER																SIGNAL																																																																																																																																																																																																																																																																																																																																																																
			P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	LP2	LPI	I3	I2	I1	I0	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																																																																																																																						
6450861-6	D C B A	 HD																																																																																																																																																																																																																																																																																																																																																																																	

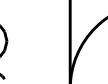


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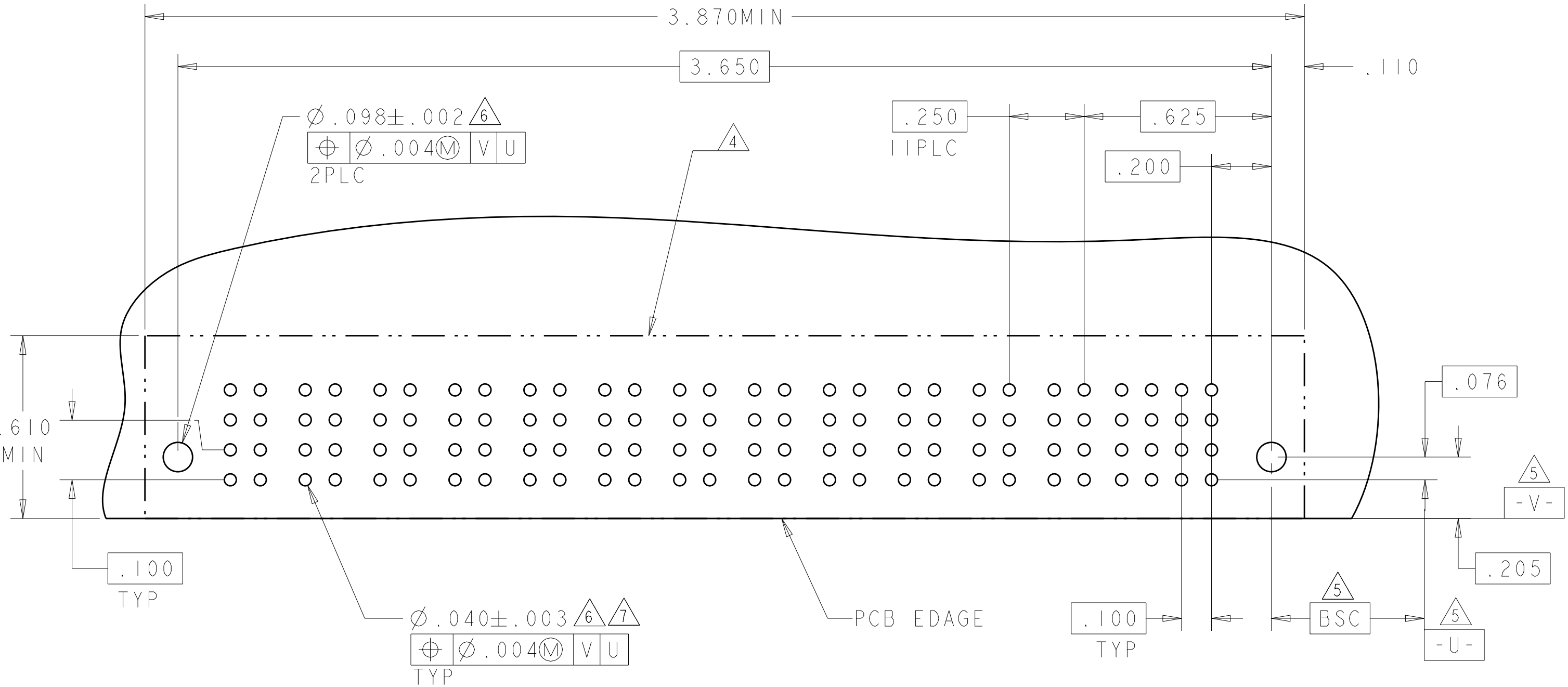
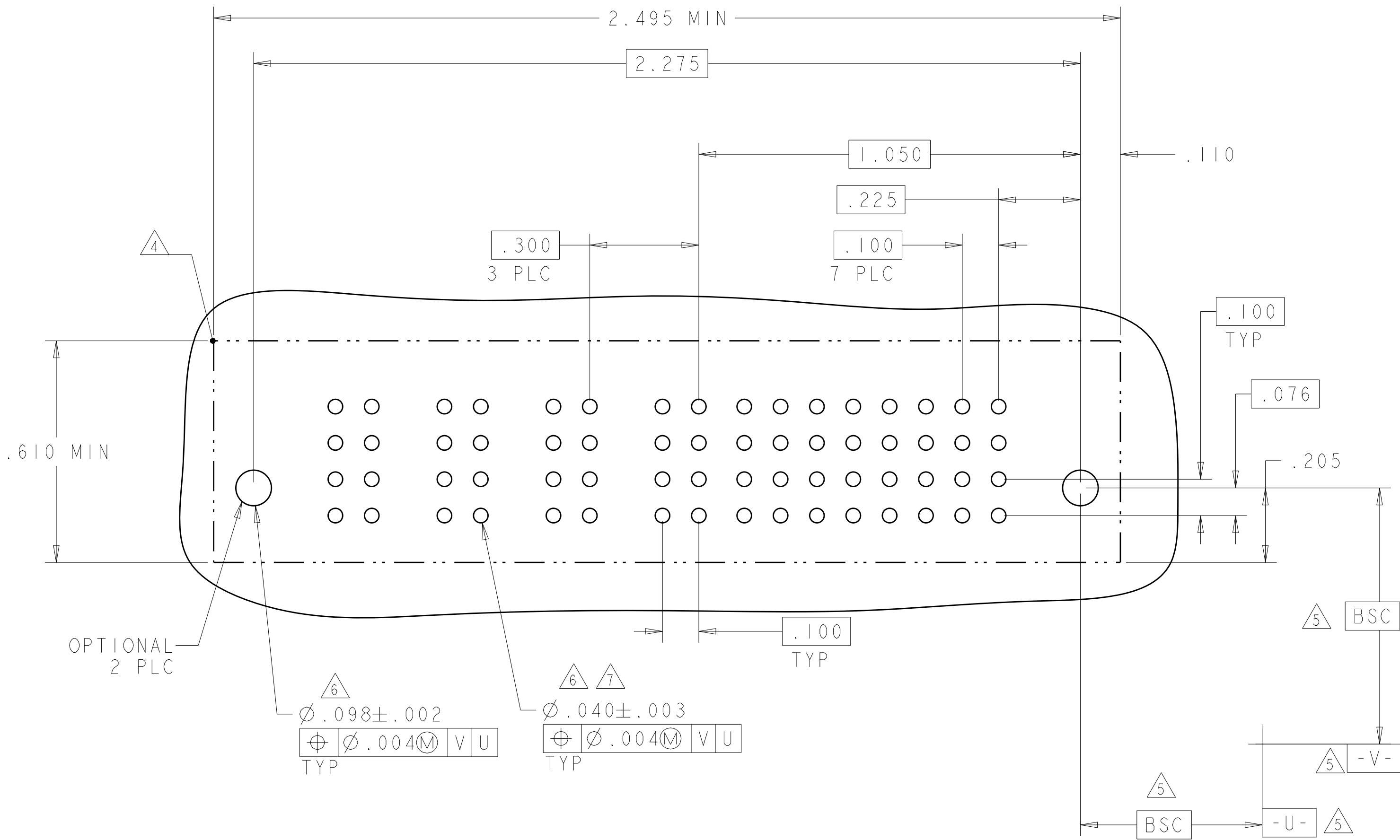
F2

A

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

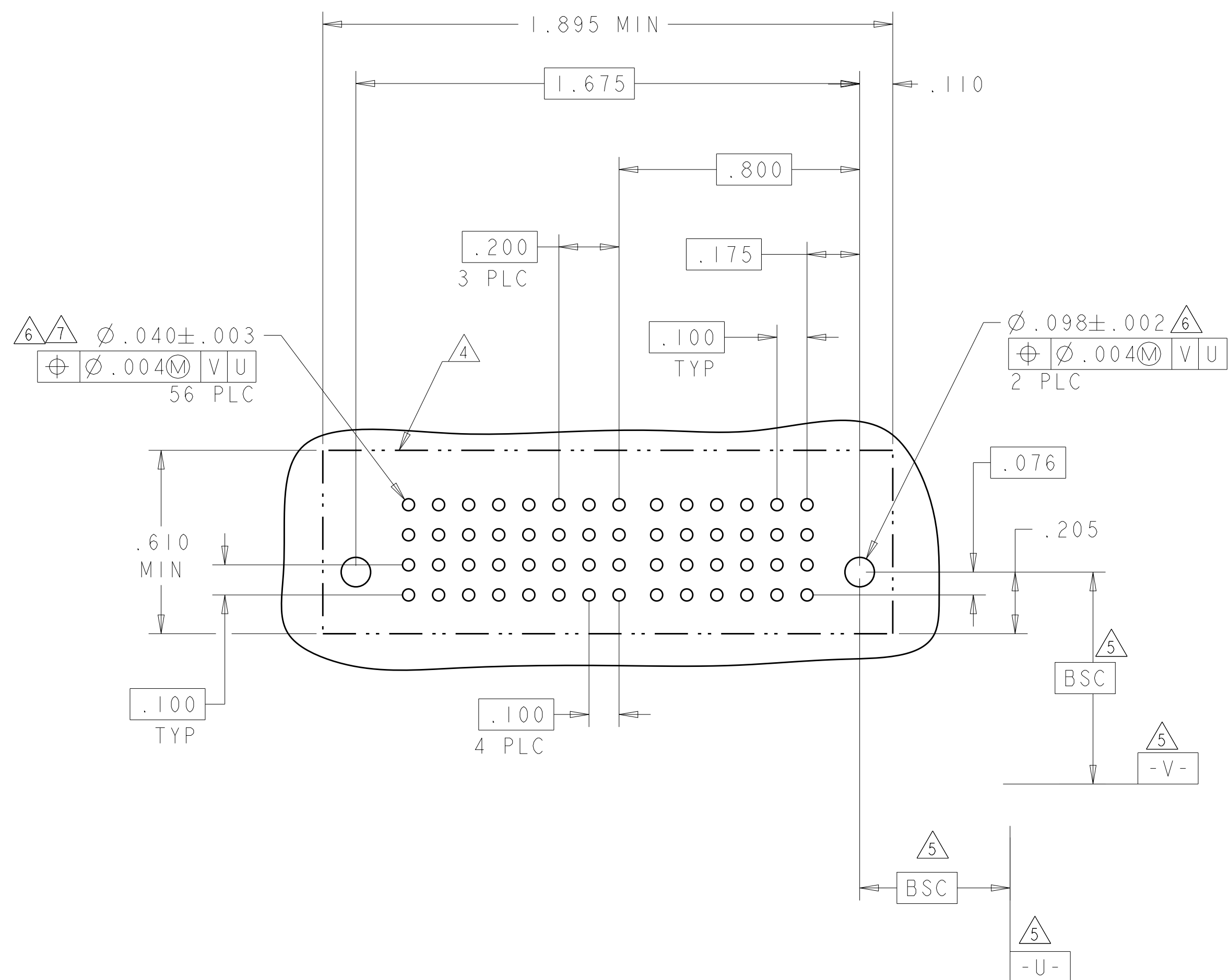
PART NUMBER	ROWS		POWER				SIGNAL								
			P4	P3	P2	P1	8	7	6	5	4	3	2	1	
1-6450861-2	D C B A					AP	AP	AP	AP	AP	AP	AP	AP	AP	
						AP	AP	AP	AP	AP	AP	AP	AP	AP	
						AP	AP	AP	AP	AP	AP	AP	AP	AP	
						AP	AP	AP	AP	AP	AP	AP	AP	AP	
32S + 4ACP															

PART NUMBER	ROWS		POWER												SIGNAL					
			P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	4	3	2	1		
1-6450861-3	D C B A		GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	
																AP	AP	AP	AP	
																AP	AP	AP	AP	
																AP	AP	AP	AP	
16S + 12P																				



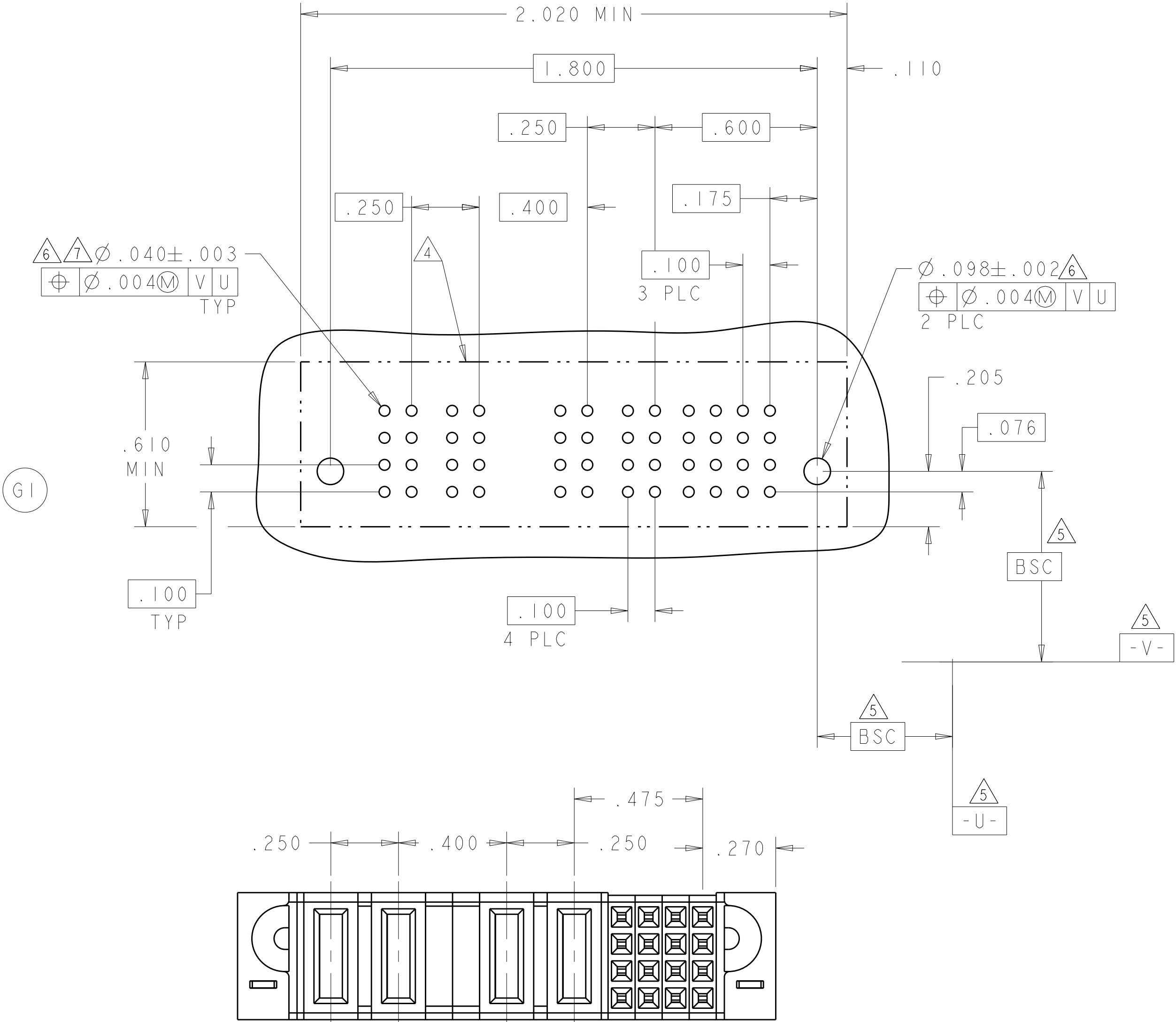
RECOMMENDED PCB LAYOUT

PART NUMBER	ROWS		POWER				SIGNAL						
			P4	P3	P2	P1	6	5	4	3	2	1	
1-6450861-5	D		GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	
	C						AP	AP	AP	AP	AP	AP	
	B						AP	AP	AP	AP	AP	AP	
	A						AP	AP	AP	AP	AP	AP	
24S + 4P		HD	HD										

4805 (3/11)

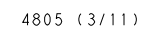
PART NUMBER	ROWS		POWER					SIGNAL				
			P4	P3	-	P2	P1	4	3	2	1	
1-6450861-7	D		VS	VS	-	VS	VS	P	P	P	P	
	P							P	P	P		
	P							P	P	P		
	P							P	P	P		
	A	HD						P	P	P	P	HD
16S + 4P												

F 9



HD	HOLD DOWN
P	SIGNAL PRESS FIT CONTACT .115"
VS	STD POWER PRESS FIT CONTACT .115"
CODE	TAIL LENGTH
CONTACT TABLE	

4805 (3/11)

A