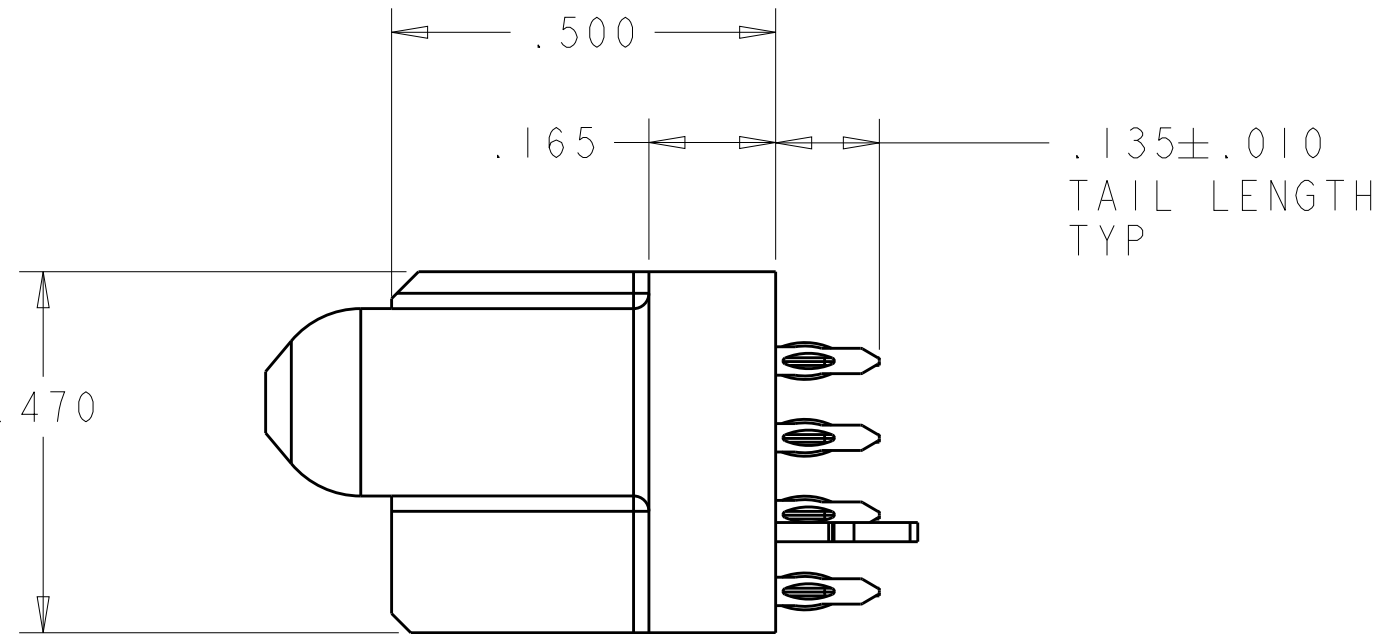
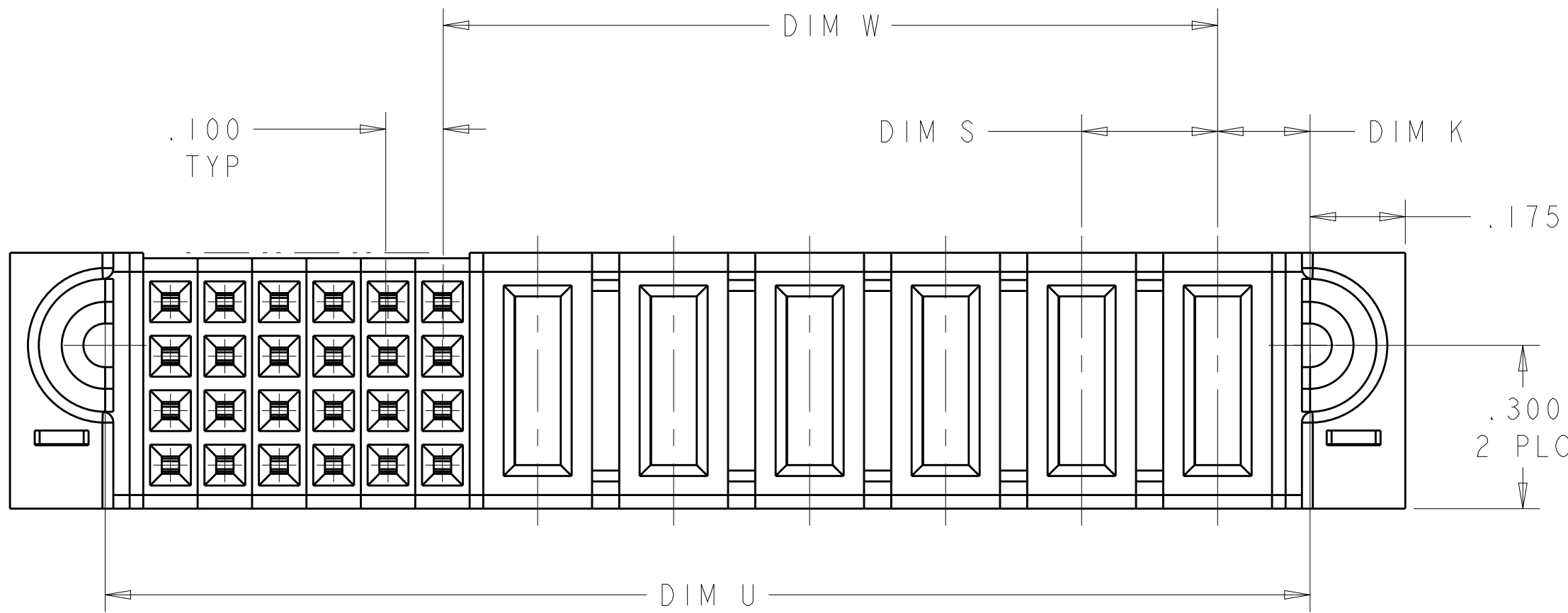
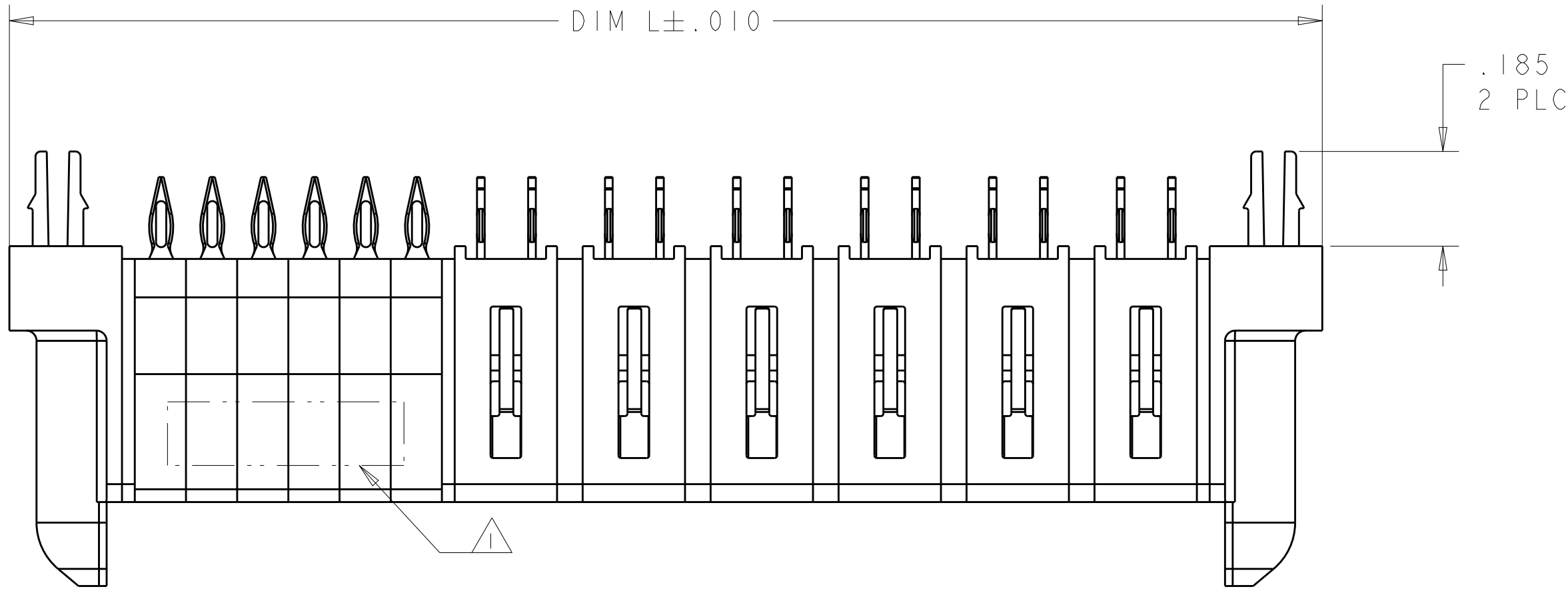
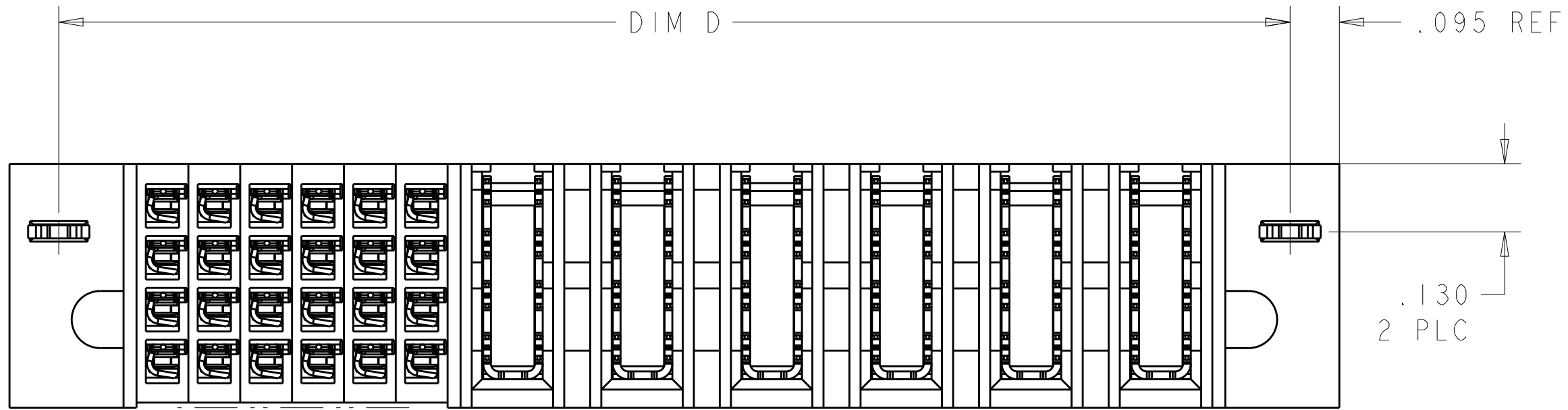


LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			D7	ADD NEW PART -24	20 JAN 2015	AY	SZ



- 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 HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 3 CONTACT PLATING:
NOBLE METAL PLATING ON 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 DRILLED HOLES PLATED WITH .0003 MIN Sn
OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 ± .003 HOLE
- 8 THIS DIMENSION PLEASE REFER TO TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	S.ZHAO	18JUN2008	 TE Connectivity	
		CHK	S.ZHAO	18JUN2008		
		APVD	S.ZHAO	18JUN2008		
		PRODUCT SPEC				
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		VERTICAL RECEPTACLE W/ P+S MULTI-BEAM XLE
INCHES		0 PLC ±.1 1 PLC ±.1 2 PLC ±.02 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH		SIZE		
		MATERIAL		CAGE CODE		
: 2		: 3		DRAWING NO		
		CUSTOMER DRAWING		SCALE		RESTRICTED TO
				2:1		
				SHEET		
				1 OF 9		
				REV		
				D7		

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

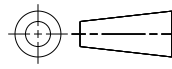
D7

D5

.300	2.240	1.890	2.050	1.450	.195	5ACP + 8S	2-6450862-4
.250	3.240	2.890	3.050	1.925	.170	8P + 32S	2-6450862-3
.250	3.240	2.890	3.050	1.925	.170	8P + 32S	2-6450862-2
.115	.945	.595	.755	.2725	.1025	2LP + 8S	2-6450862-1
.200	3.265	2.915	3.075	2.175	.145	11HDP + 24S	1-6450862-8
	3.740	3.390	3.550	2.625	.170	3ACP + 8P + 24S	1-6450862-7
.250	2.415	2.065	2.225	1.425	.145	6P + 20S	1-6450862-6
.200	3.265	2.915	3.075	1.975	.145	10HDP + 32S	1-6450862-5
	2.420	2.070	2.230	1.330	.145	5P + 2LP + 24S	1-6450862-4
.250	3.790	3.440	3.600	2.900	.145	12P + 16S	6450862-6
	2.915	2.565	2.725	2.045	.170	6P + 2HDP + 20S	6450862-5
.115	.970	.620	.780	.2725	.1275	2LP + 8S	6450862-4
.200	3.065	2.715	2.875	1.975	.145	10HDP + 24S	6450862-3
.250	2.595	2.215	2.375	1.425	.170	6P + 24S	6450862-1
DIM S	DIM L	DIM U	DIM D	DIM W	DIM K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES



MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.1

1 PLC ±.02

2 PLC ±.005

3 PLC ±.0020

ANGLES ±2°

FINISH -

DWN S.ZHAO 18JUN2008

CHK S.ZHAO 18JUN2008

APVD S.ZHAO 18JUN2008

PRODUCT SPEC 108-2292

APPLICATION SPEC 114-13251

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME VERTICAL RECEPTACLE W/ P+S MULTI-BEAM XLE

SIZE A1

CAGE CODE 00779

DRAWING NO 6450862

RESTRICTED TO -

SCALE 2:1

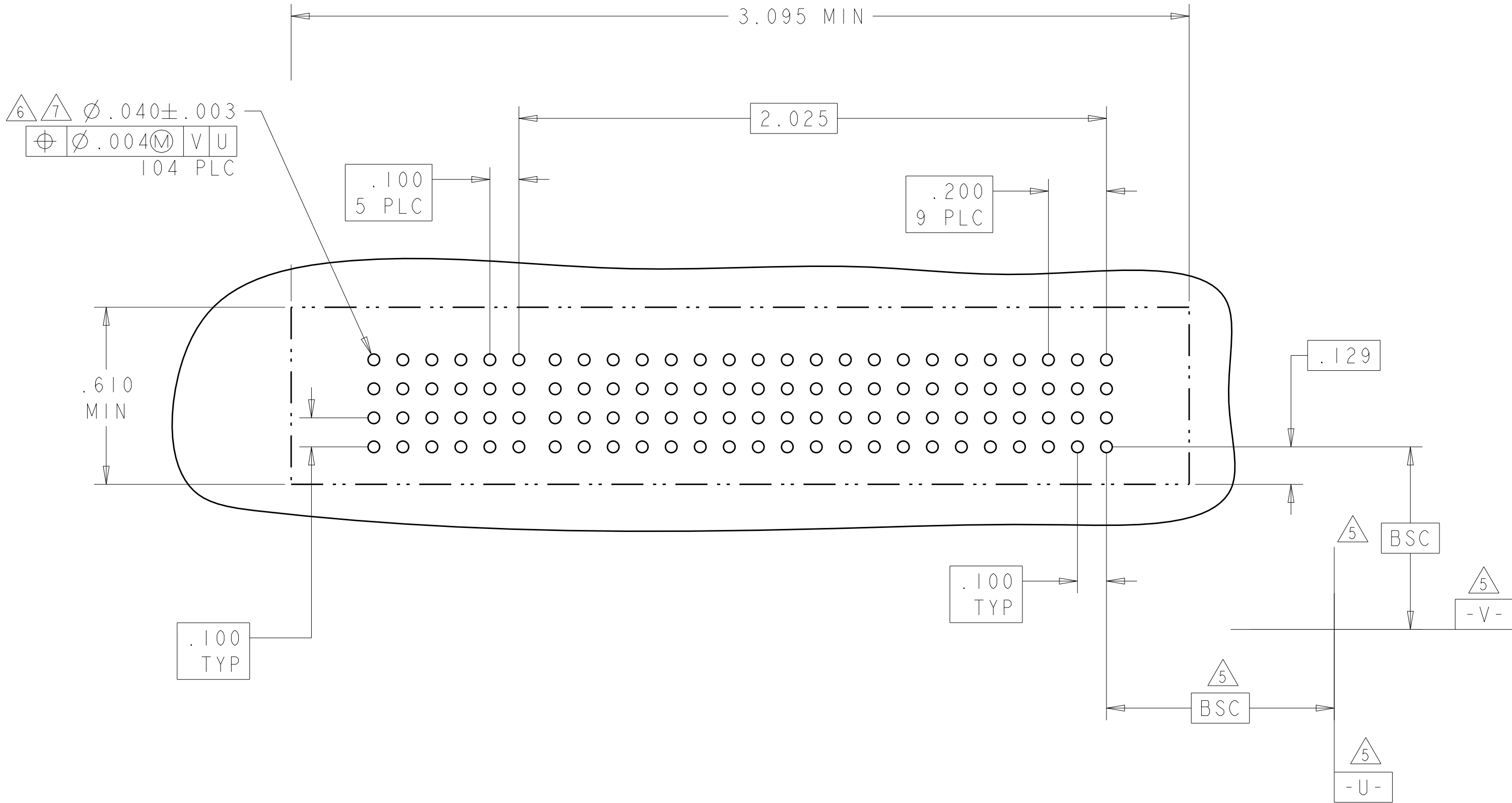
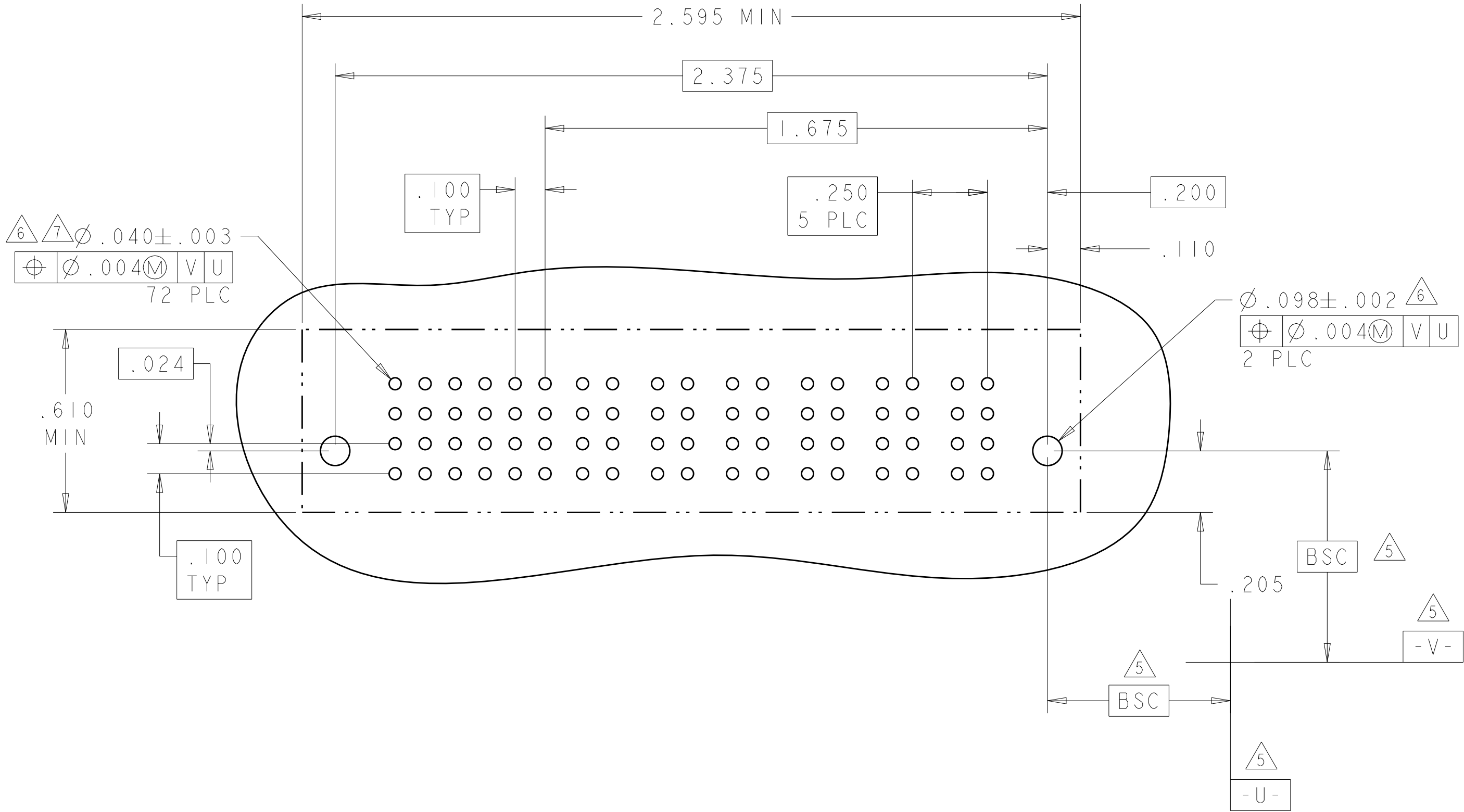
SHEET 2 OF 9

REV D7

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

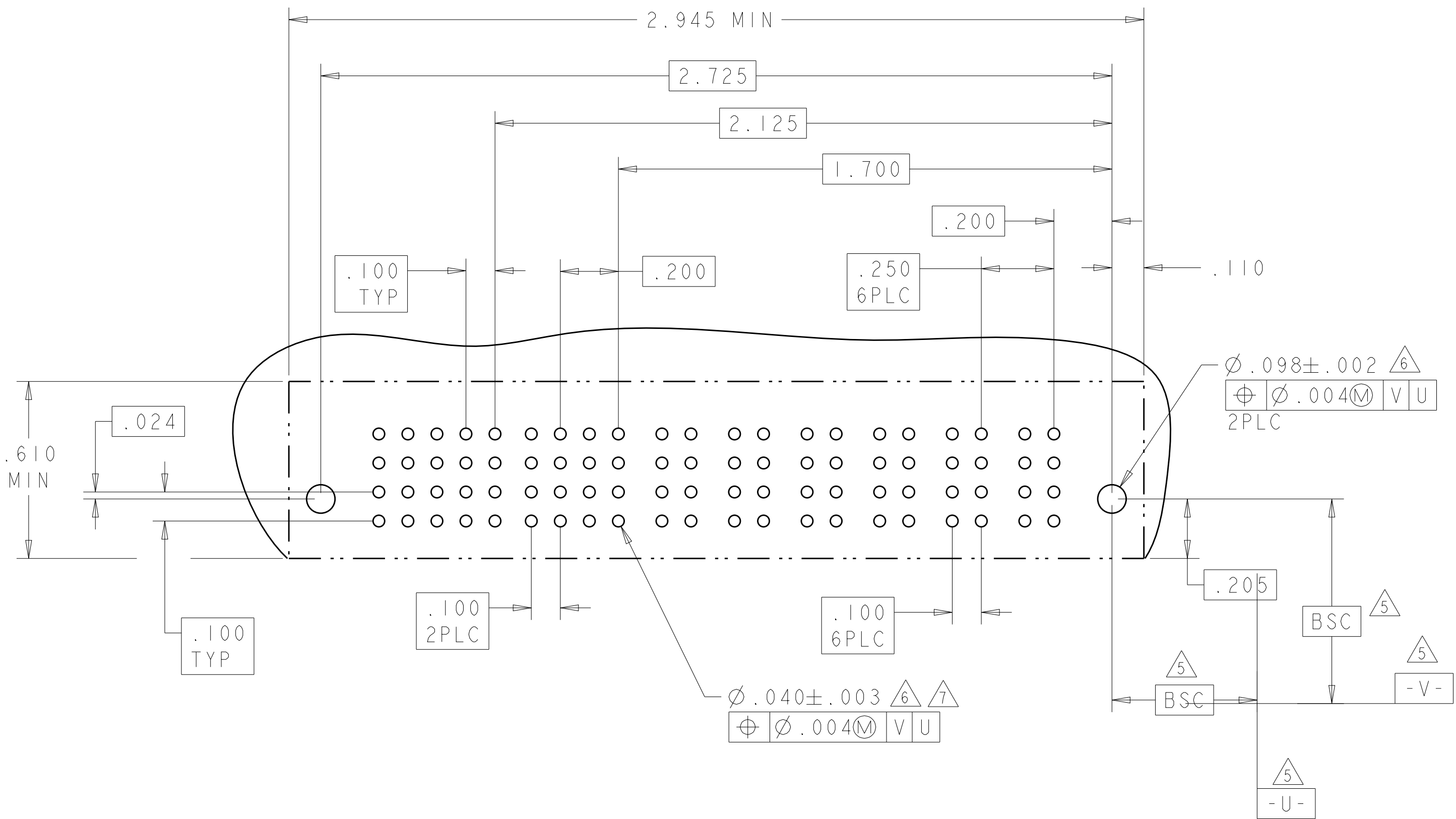
PART NUMBER	ROWS		SIGNAL						POWER						
			6	5	4	3	2	1	P6	P5	P4	P3	P2	P1	
6450862-1	D C B A		AP	AP	AP	AP	AP	AP							
			AP	AP	AP	AP	AP	AP							
			AP	AP	AP	AP	AP	AP							
			AP	AP	AP	AP	AP	AP							
6P + 24S															

PART NUMBER	ROWS		SIGNAL						POWER										
			6	5	4	3	2	1	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	
6450862-3	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											
10HDP + 24S																			

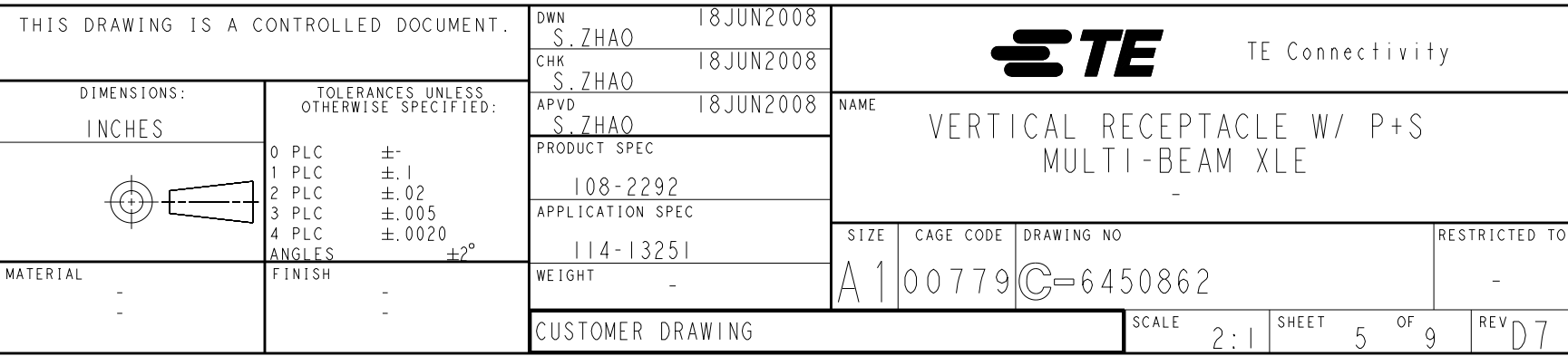


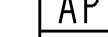
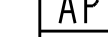
MFBL POWER CONTACT	GP
HOLD DOWN	HD
STD POWER CONTACT	GS
STD LP LOWER POWER CON.	LSI
SIGNAL CONTACT	AP
DESCRIPTION	CODE

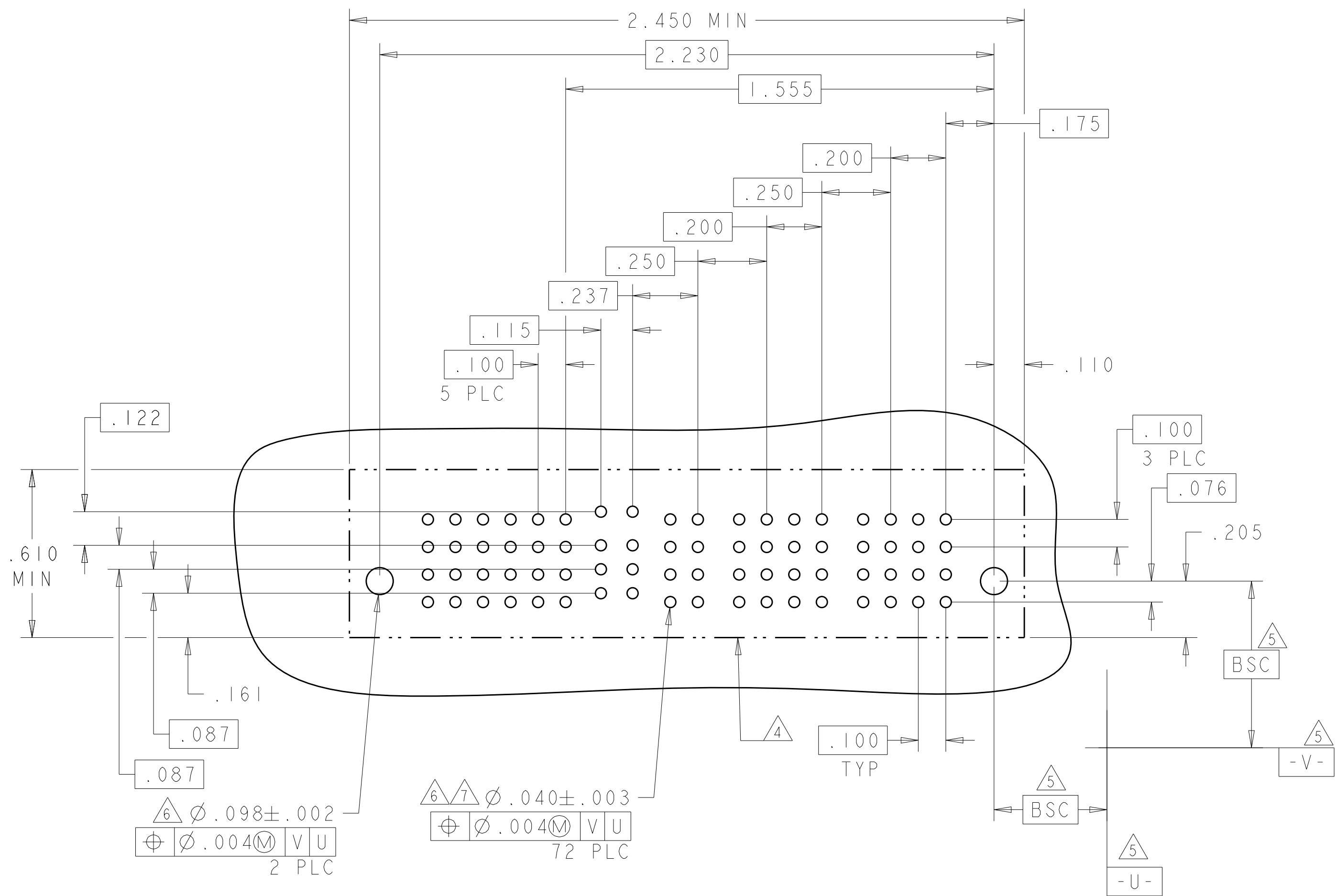
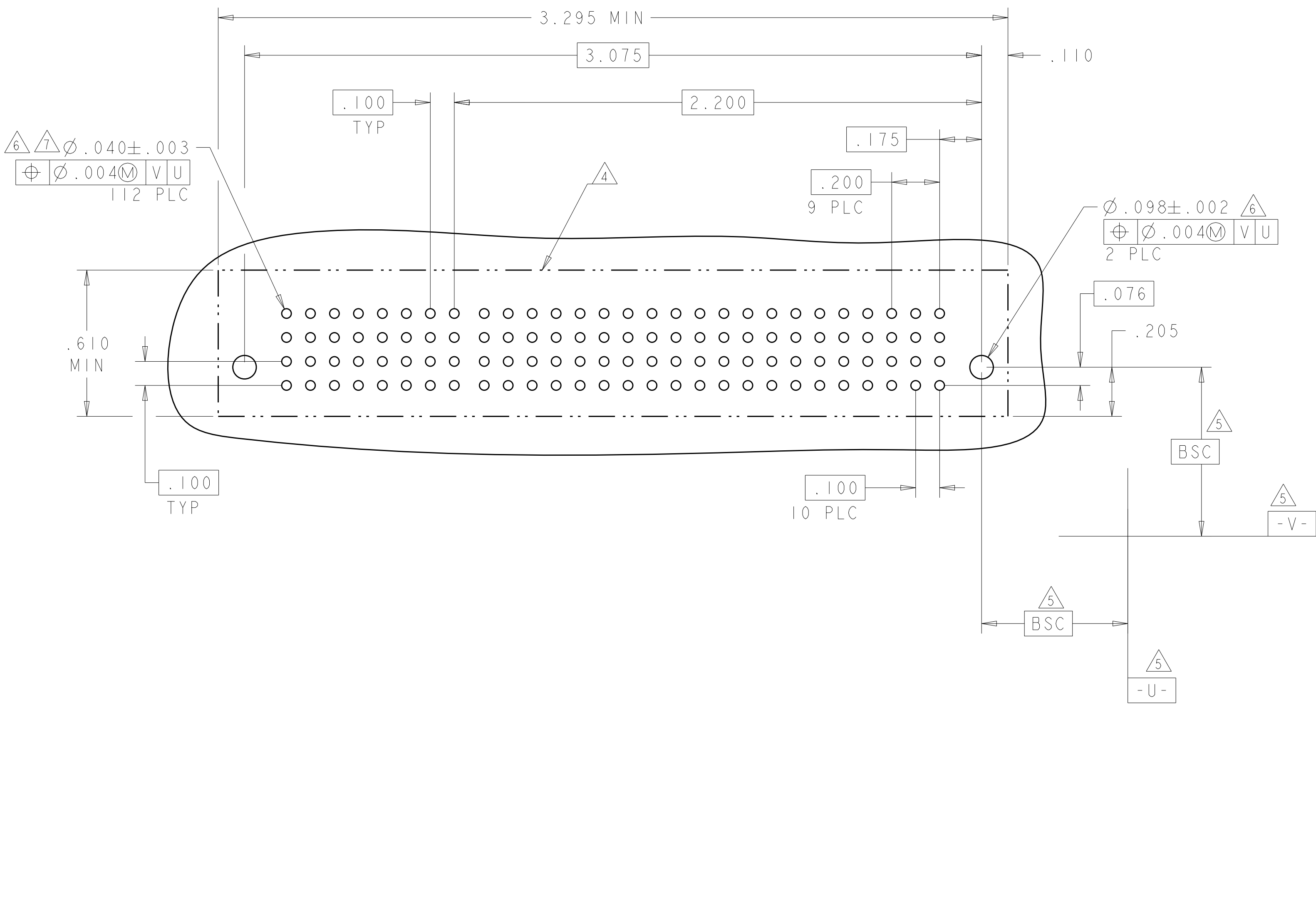
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	S. ZHAO	18JUN2008		TE Connectivity				
				CHK	S. ZHAO	18JUN2008						
				APVD	S. ZHAO	18JUN2008						
				PRODUCT SPEC								
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC							NAME VERTICAL RECEPTACLE W/ P+S MULTI-BEAM XLE -	RESTRICTED TO
INCHES				108-2292								
				114-13251								
				WEIGHT								
				CUSTOMER DRAWING								

[illegible]4805 (3/11)

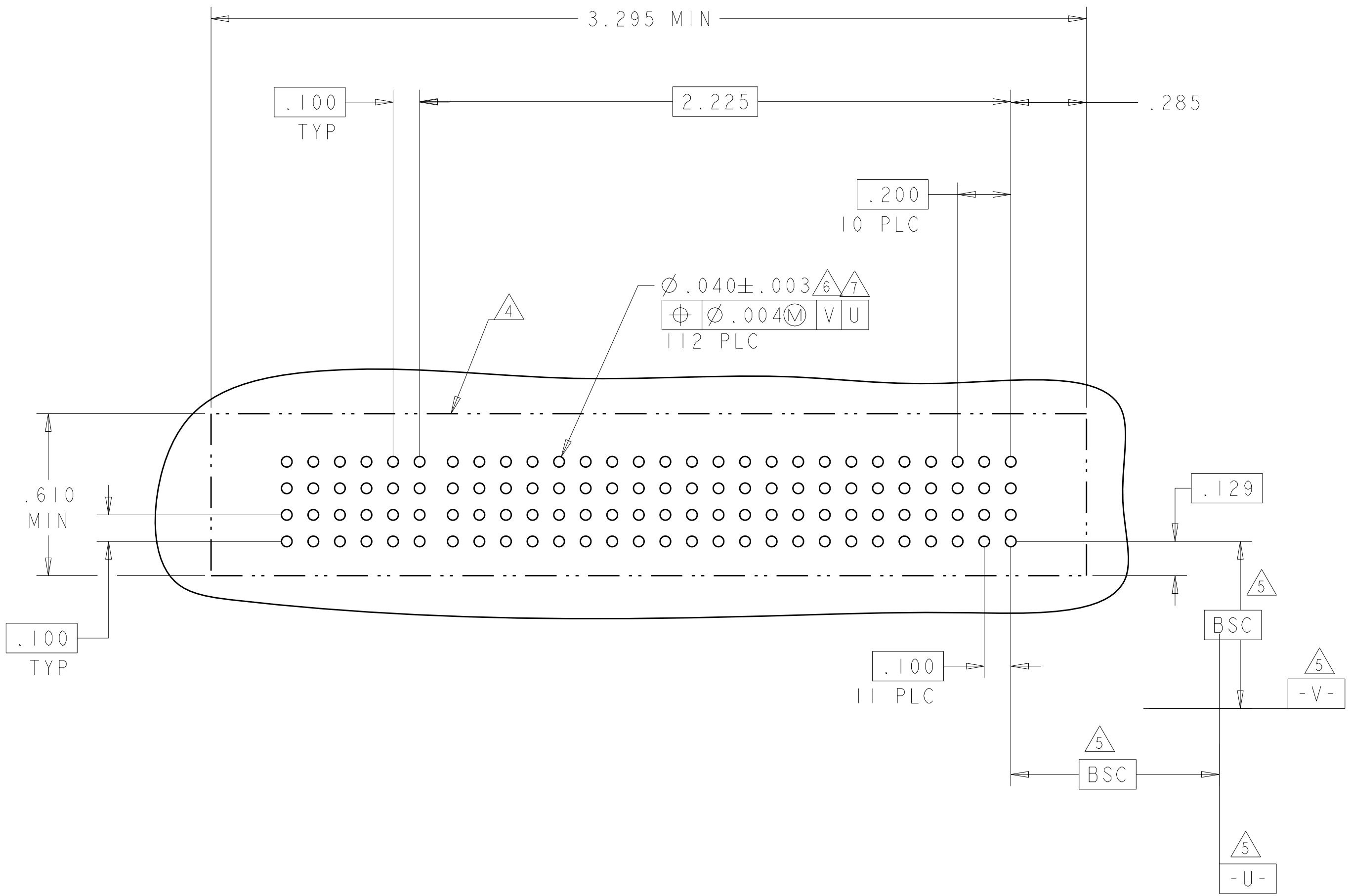
PART NUMBER	ROWS		SIGNAL						<i>POWER</i>							
			5	4	3	2	1	P ₆	P ₅	P ₄	P ₃	P ₂	P ₁			
I-6450862-6	D C B A		AP	AP	AP	AP	AP									
6P + 20S			AP	AP	AP	AP	AP									



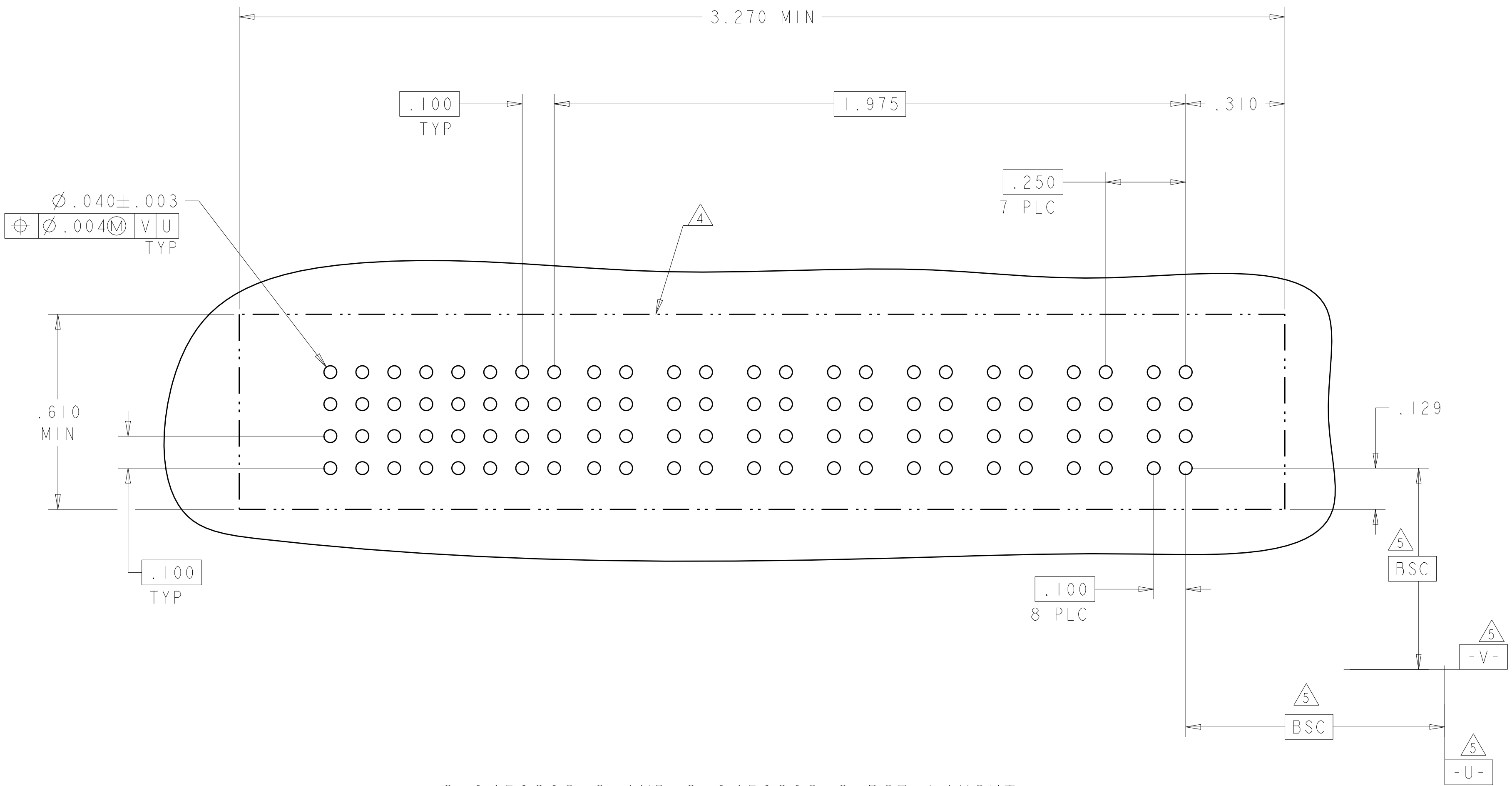
PART NUMBER	ROWS		SIGNAL								POWER											
			8	7	6	5	4	3	2	1	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1		
1-6450862-5	D		AP	AP	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS		
	C		AP	AP	AP	AP	AP	AP	AP	AP											AP	
	B		AP	AP	AP	AP	AP	AP	AP	AP											AP	AP
	A		AP	AP	AP	AP	AP	AP	AP	AP											AP	AP
10HDP + 32S																						



PART NUMBER	ROWS		SIGNAL							POWER										
			6	5	4	3	2	1	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	
1-6450862-8	D		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												
11HDP + 24S																				

4805 (3/11)

PART NUMBER	ROWS		SIGNAL								POWER								
			8	7	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1	
2-6450862-2	D		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										
8P + 32S																			

[illegible]

2-6450862-2 AND 2-6450862-3 PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S_ZHAO		18JUN2008	
DIMENSIONS: INCHES		CHG S_ZHAO		18JUN2008	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S_ZHAO		18JUN2008	
		NAME			
		PRODUCT SPEC		VERTICAL RECEPTACLE W/ P+S MULTI-BEAM XLE	
		APPLICATION SPEC		-	
MATERIAL		FINISH		SIZE	
-		-		CAGE CODE	
-		WEIGHT		DRAWING NO	
-		-		A100779	
-		CUSTOMER DRAWING		C6450862	
-		SCALE		SHEET	
-		2:1		8 of 9	
-		REV		D7	

Technical drawing of a rectangular plate with a grid of 48 holes (8 rows by 6 columns). The plate has overall dimensions of 2.270 MIN in width and 6.10 MIN in height. A central rectangular area is defined by dashed lines, with a width of 1.500 and a height of 4.129. The distance from the left edge to the center of the first column of holes is .100. The distance between the centers of adjacent columns is .300 (4 PLC). The distance between the centers of adjacent rows is .100 (5 PLC). The distance from the right edge to the center of the last column of holes is .335. The distance from the bottom edge to the center of the first row of holes is .129. The distance from the top edge to the center of the last row of holes is .100 (TYP). The drawing includes various dimension lines, arrows, and labels for tolerances and standards.

4805 (3/11)