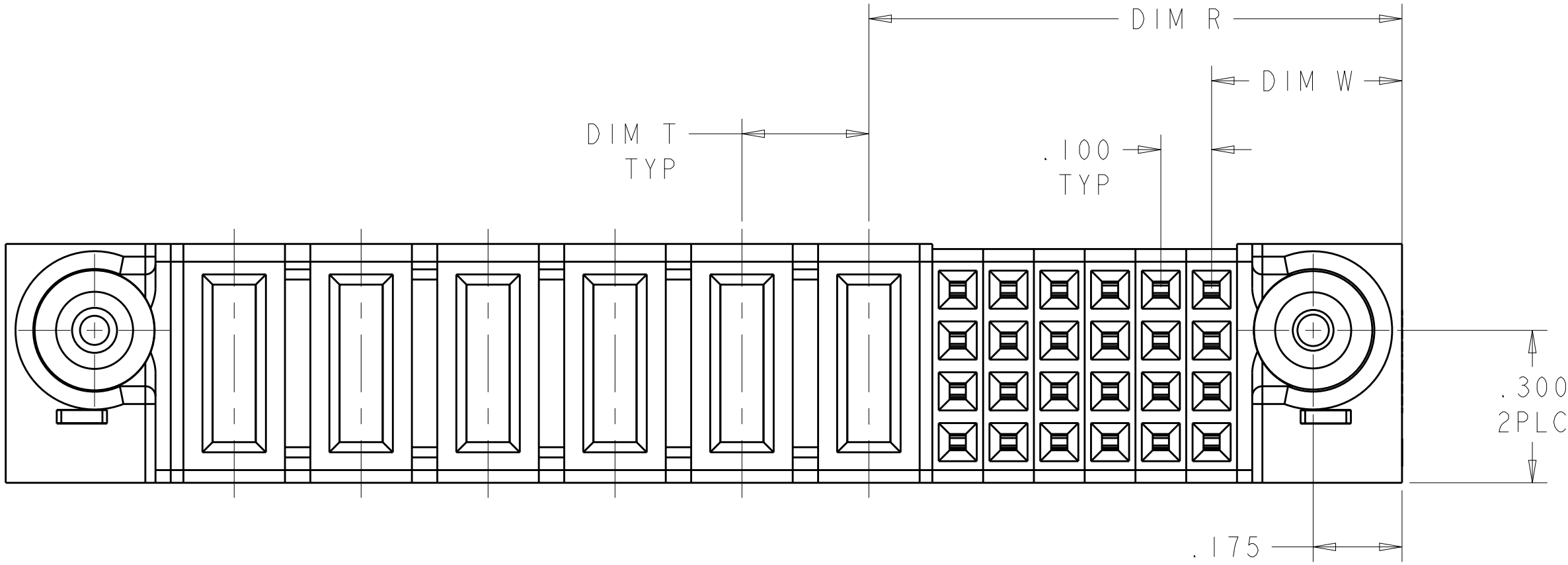
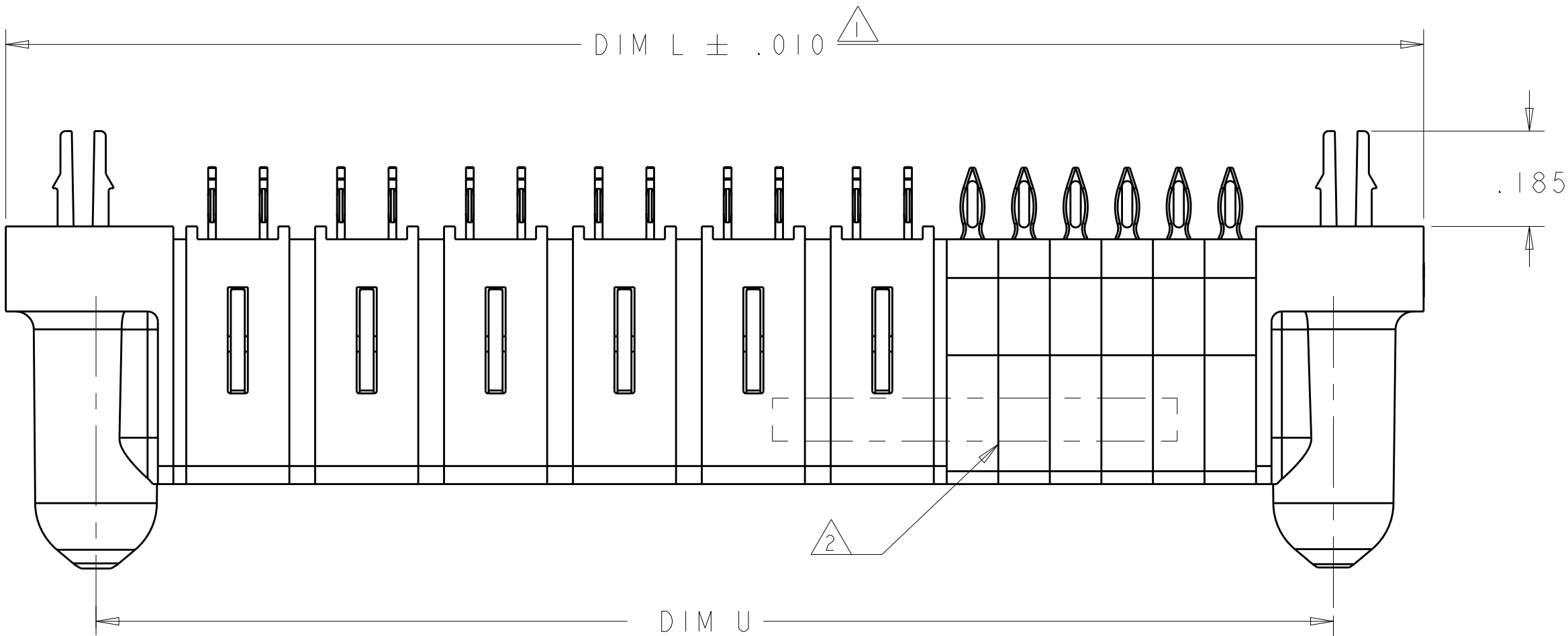
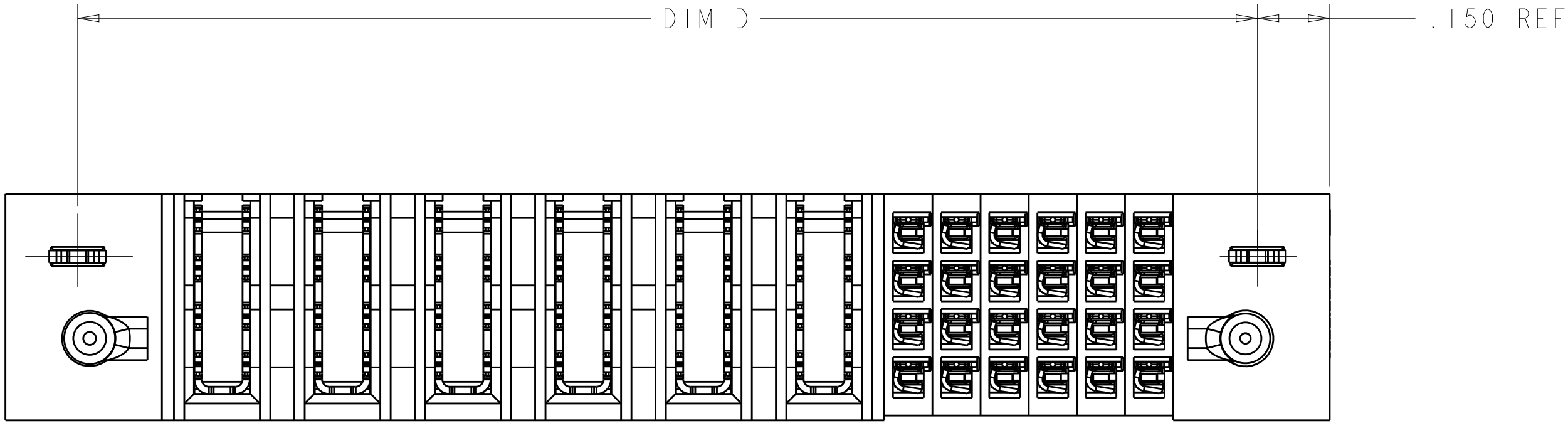
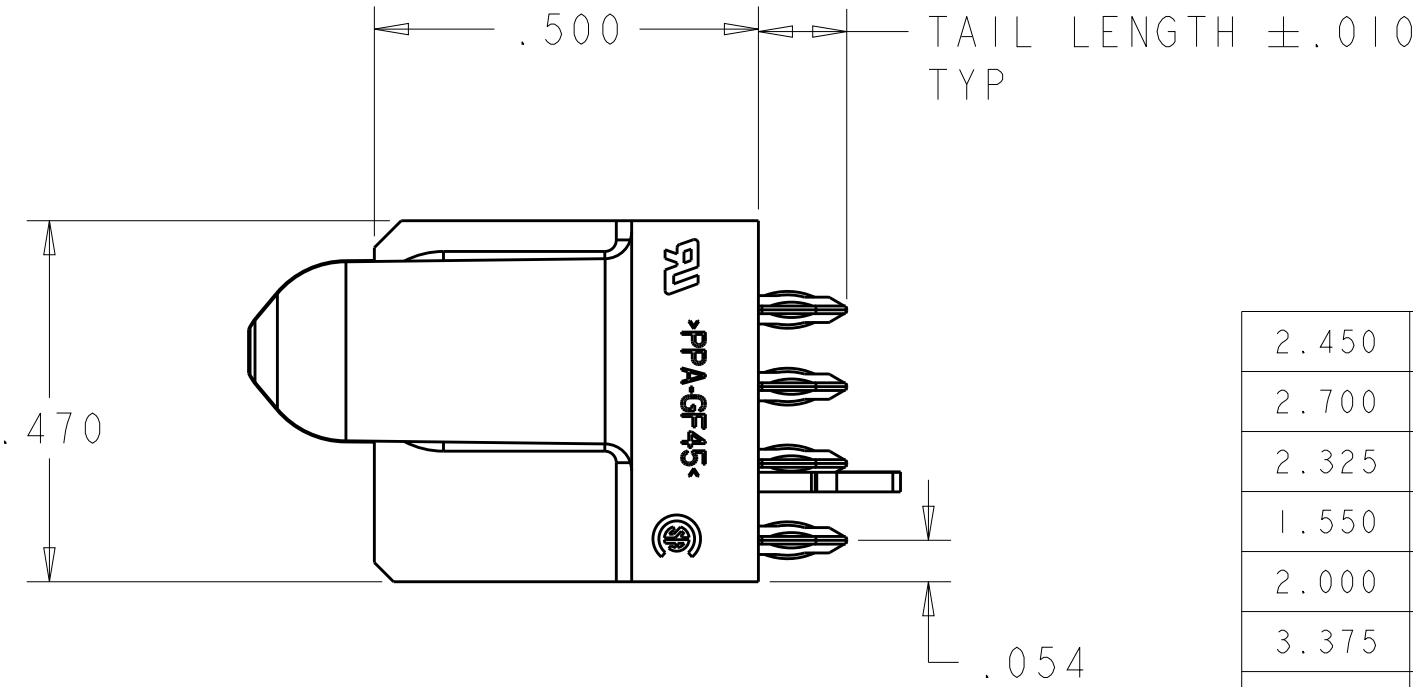


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
			H2	ADDED THE DASH NUMBER -11	29APR2011	ML	SZ	
			H3	ADDED NEW DASH NUMBER -12	05JUN2013	CZ	SZ	
			H4	REV PER ECO-17-013303	22AUG2017	WY	SZ	

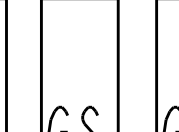
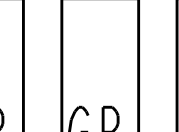
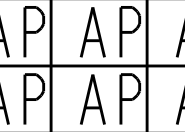
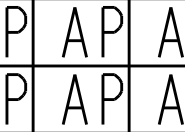


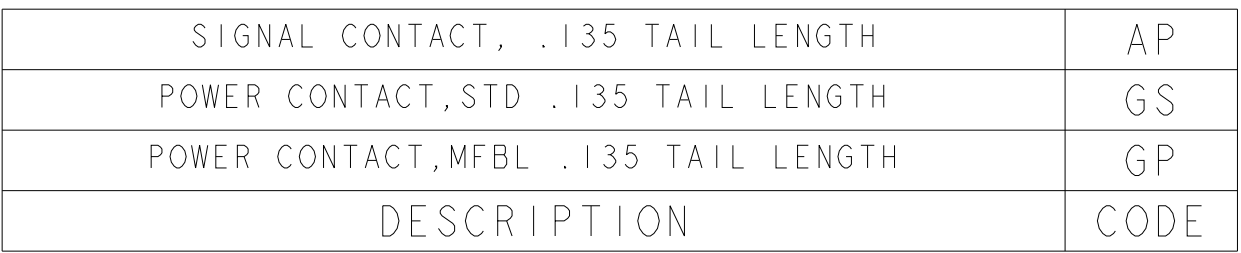
- 1 THE MAXIMUM OVERALL LENGTH OF A PART IS 8.00.
- 2 PART NUMBER, AND DATE CODE MARKED IN AREA SHOWN.
MARKING ON BOTH SIDES PERMITTED FOR PARTS UNDER 2.00 LONG.
- 3 MATERIAL:
HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O,BLACK
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4 CONTACT PLATING: NOBLE METAL PLATING ON 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 Cu PLATING TO ACHIEVE A .040 HOLE.



2.450	2.400	.250	1.050	.375	2.750	24S + 6P	1-6450551-3
2.700	2.650	.250	1.050	.375	3.000	24S + 7P	1-6450551-2
2.325	2.275	.250	.925	.425	2.625	16S + 6P	1-6450551-1
1.550	1.500	.200	.825	.375	1.850	16S + 4P	1-6450551-0
2.000	1.950	.250	.850	.375	2.300	16S + 5P	6450551-9
3.375	3.325	.200	1.050	.375	3.675	24S + 12HDP	6450551-8
2.450	2.400	.250	1.050	.375	2.750	24S + 6P	6450551-7
3.000	2.950	.200	1.050	.375	3.300	24S + 10HDP	6450551-6
4.650	4.600	.250	1.250	.375	4.950	32S + 14P	6450551-5
3.375	3.325	.200	1.050	.375	3.675	24S + 12HDP	6450551-4
2.450	2.400	.250	1.050	.375	2.750	24S + 6P	6450551-1
D	U	T	R	W	L	DESCRIPTION	PART NUMBER

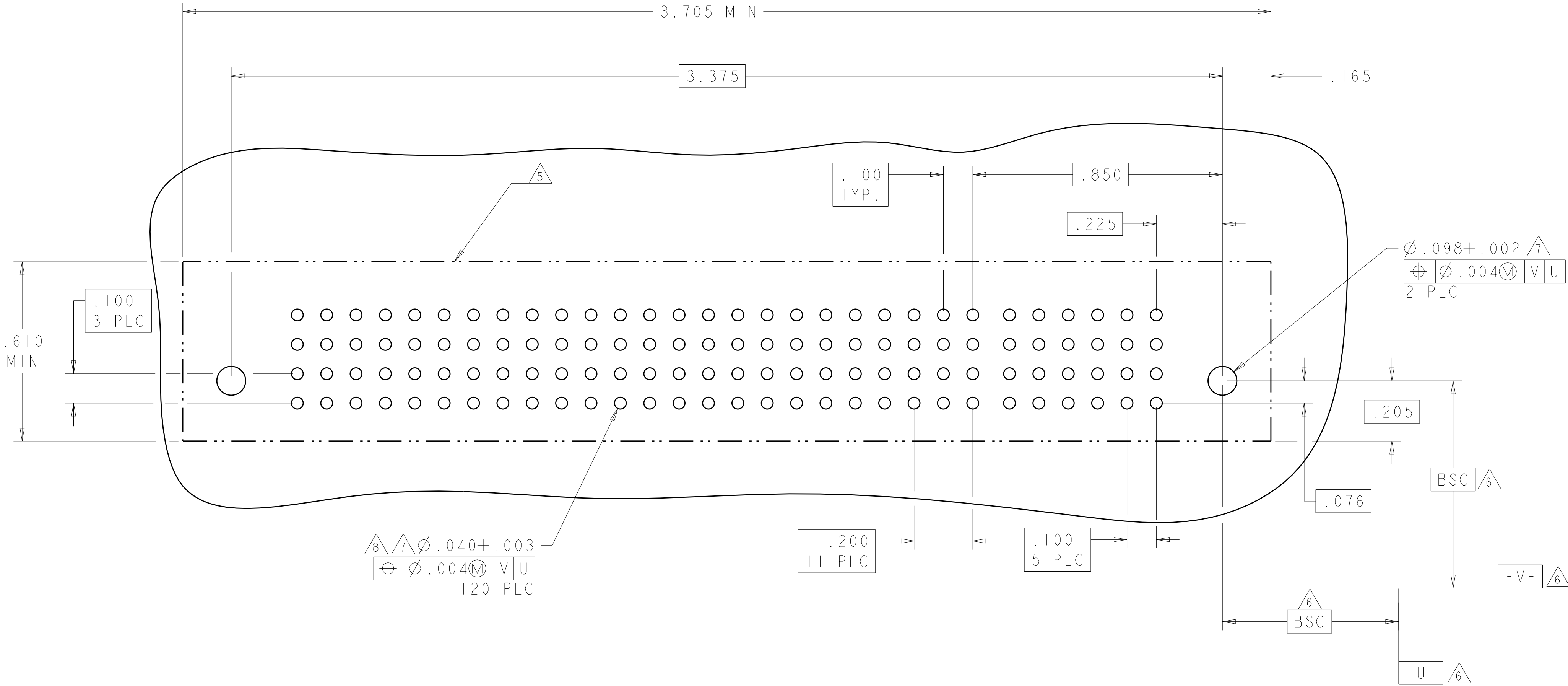
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN LESSON.LI 02AUG2007	 TE Connectivity		
DIMENSIONS: INCHES			CHK SUNNY.ZHAO 02AUG2007			
TOLERANCES UNLESS OTHERWISE SPECIFIED:			APVD STEVEN.YAO	NAME		
			PRODUCT SPEC			VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, PRESS-FIT, MULTI-BEAM XL
			108-1973			
MATERIAL			APPLICATION SPEC			
FINISH			114-13038			
WEIGHT			RESTRICTED TO			
CUSTOMER DRAWING			A100779C=6450551			
SCALE 2:1			SHEET 1 OF 8			
REV H4						

PART NUMBER	ROWS		POWER							SIGNAL						
			P6	P5	P4	P3	P2	P1	6	5	4	3	2	1		
I-6450551-3	D C B A															
24S + 6P																

4805 (3/11)

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

PART NUMBER	ROWS		POWER												SIGNAL											
			PI2	PI1	PI0	P9	P8	P7	P6	P5	P4	P3	P2	PI	6	5	4	3	2	1						
6450551-4	D C B A	HD		GS	GS	GS	GS	GS	GS	GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	HD				
																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 + 12HDP																										

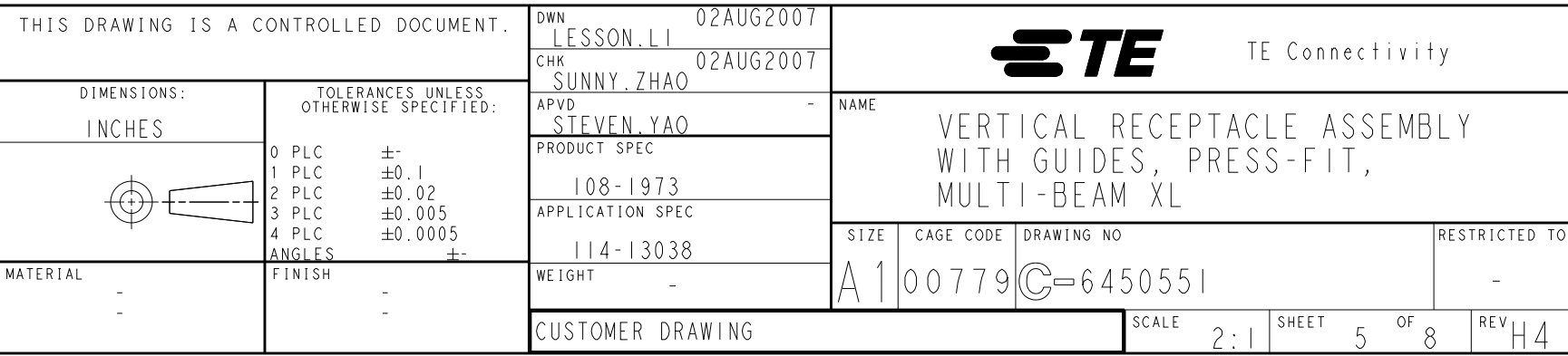


Technical drawing of a rectangular plate with the following specifications:

- Overall Dimensions:**
 - Length: 4.980 MIN
 - Width: .610 MIN
- Material and Surface Finish:**
 - Material: 144 PLC
 - Surface Finish: $\sqrt{8} \sqrt{7} \text{ } \phi .040 \pm .003$
- Feature 1 (Top Left):**
 - Dimension: .100 TYP
 - Feature Control Frame: $\sqrt{5}$
- Feature 2 (Top Right):**
 - Dimension: .100 TYP
 - Feature Control Frame: $\sqrt{5}$
- Feature 3 (Bottom Left):**
 - Dimension: .250
 - Feature Control Frame: 13PLC
- Feature 4 (Bottom Right):**
 - Dimension: .129
 - Feature Control Frame: BSC $\sqrt{6}$
- Feature 5 (Bottom Right):**
 - Dimension: .390
 - Feature Control Frame: BSC $\sqrt{6}$
- Feature 6 (Bottom Right):**
 - Dimension: .390
 - Feature Control Frame: BSC $\sqrt{6}$
- Feature 7 (Bottom Right):**
 - Dimension: .390
 - Feature Control Frame: BSC $\sqrt{6}$

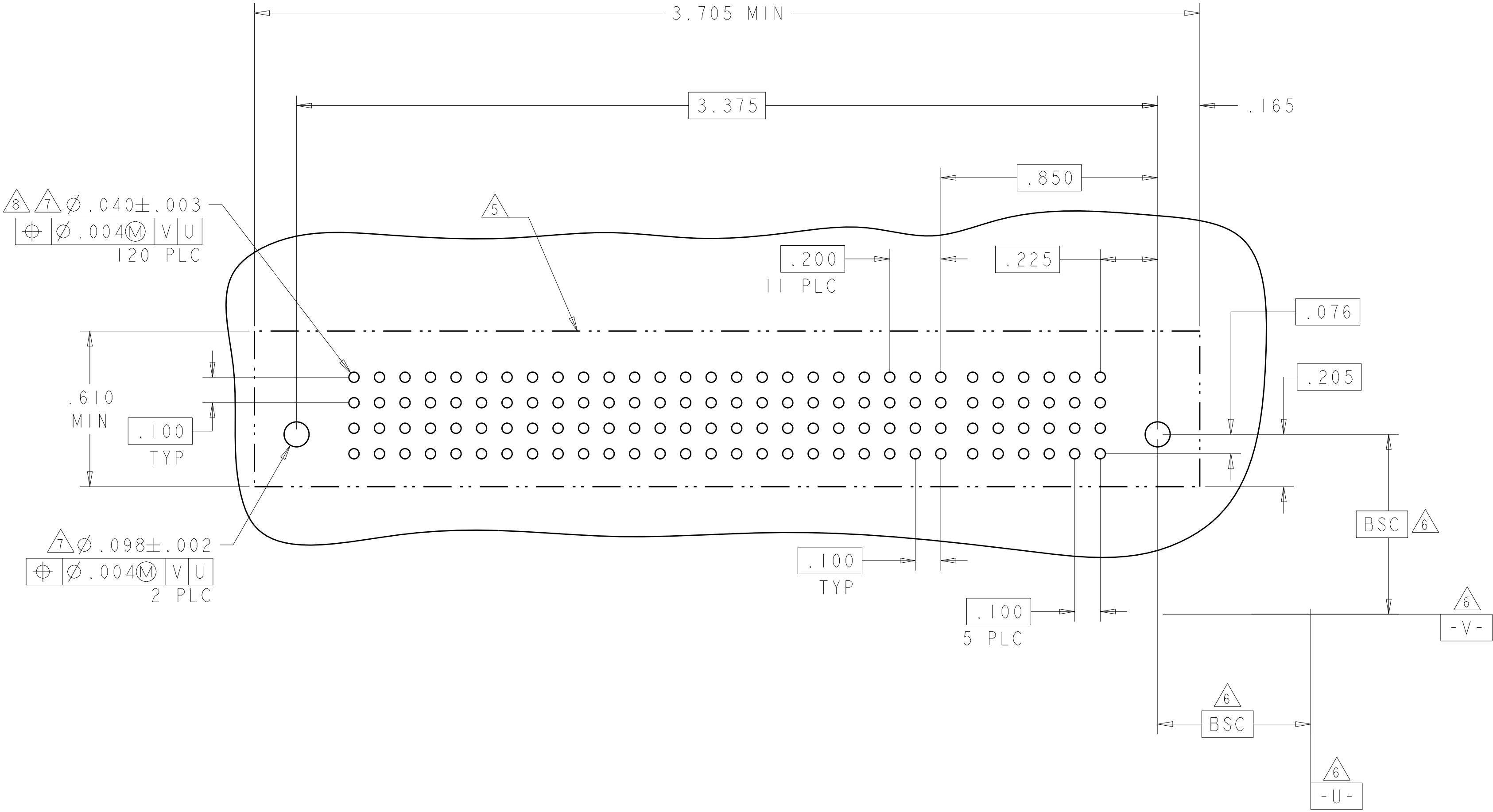
4805 (3/11)

PART NUMBER	ROWS		POWER						SIGNAL						
			P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	
6450551-7	D C B A								AP	AP	AP	AP	AP	AP	
		HD							AP	AP	AP	AP	AP	AP	HD
24S + 6P									AP	AP	AP	AP	AP	AP	



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

PART NUMBER	ROWS		POWER												SIGNAL								
			P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1			
6450551-8	D C B A	HD	GS	GS	GP	GP	GP	GP	GP	GP	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	HD		
															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 + 12HDP																							



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: LESSON, L1 02AUG2007
CHK: SUNNY, ZHAO 02AUG2007
APVD: STEVEN, YAO -

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

DIMENSIONS: INCHES

0 PLC ±.1
1 PLC ±0.1
2 PLC ±0.02
3 PLC ±0.005
4 PLC ±0.0005
ANGLES ±.

MATERIAL: -

TOLERANCES UNLESS OTHERWISE SPECIFIED: -

FINISH: -

PRODUCT SPEC: 108-1973

APPLICATION SPEC: 114-13038

WEIGHT: -

CUSTOMER DRAWING

SIZE: A1

CAGE CODE: 00779

DRAWING NO: 6450551

RESTRICTED TO: -

SCALE: 2:1

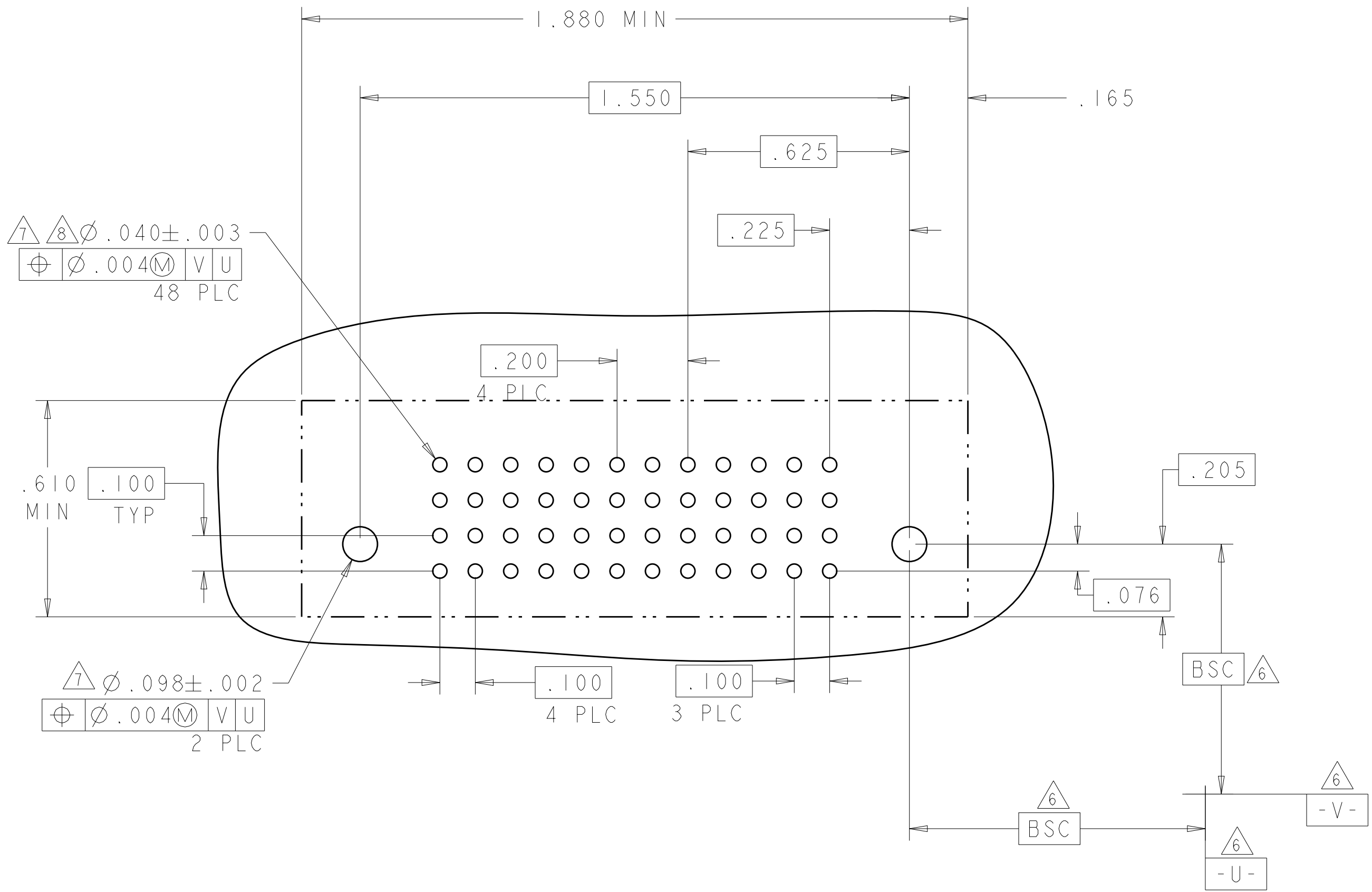
SHEET: 6 OF 8

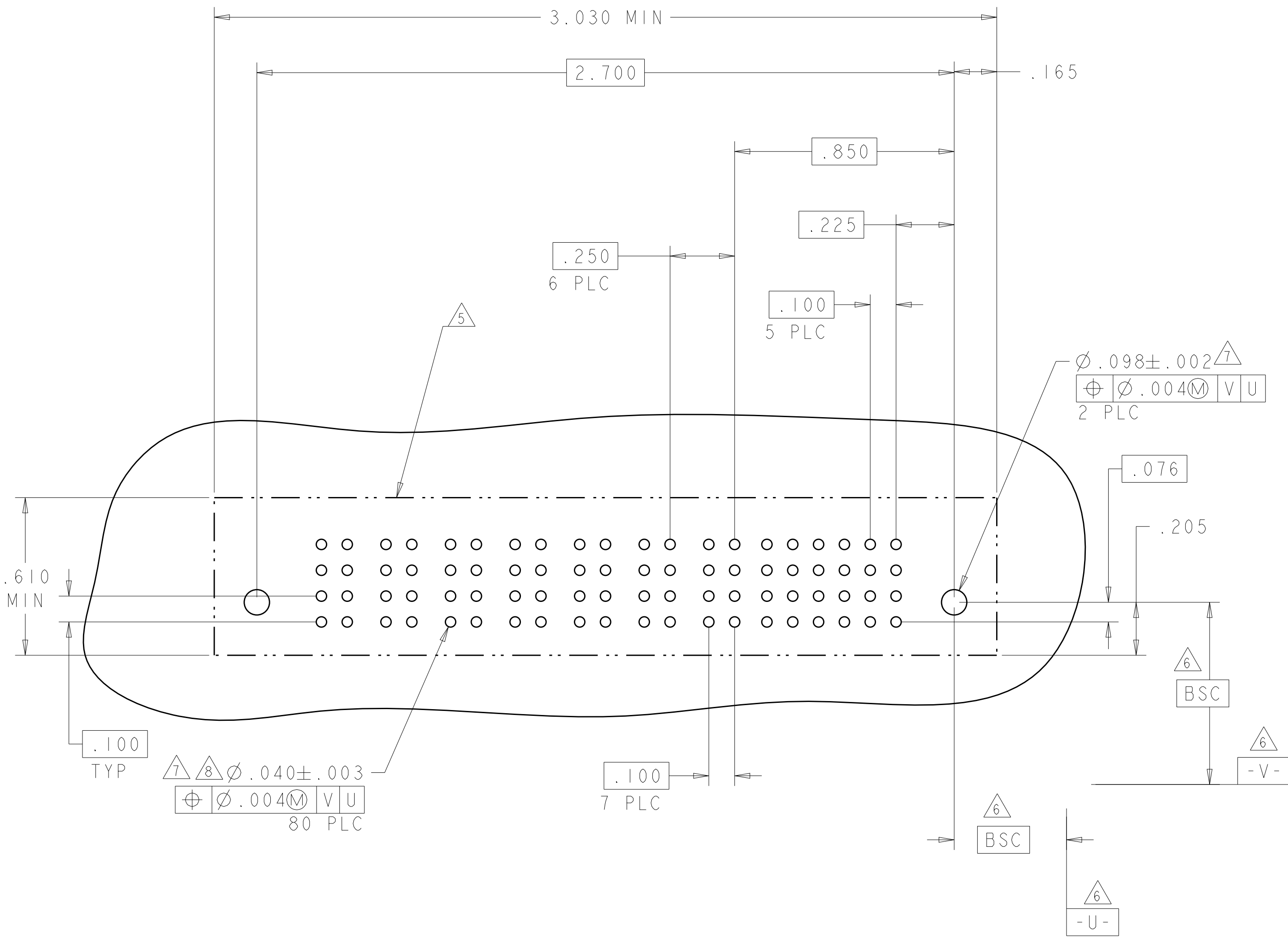
REV: H4

TE Connectivity

4805 (3/11)

PART NUMBER	ROWS		POWER				SIGNAL				
			P4	P3	P2	P1	4	3	2	1	
I-6450551-0	D		GP	GP	GS	GS	AP	AP	AP	AP	
	C						AP	AP	AP	AP	
	B						AP	AP	AP	AP	
	A						HD	AP	AP	AP	
16S + 4P											

4805 (3/11)

[illegible]4805 (3/11)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6450551-3](#)