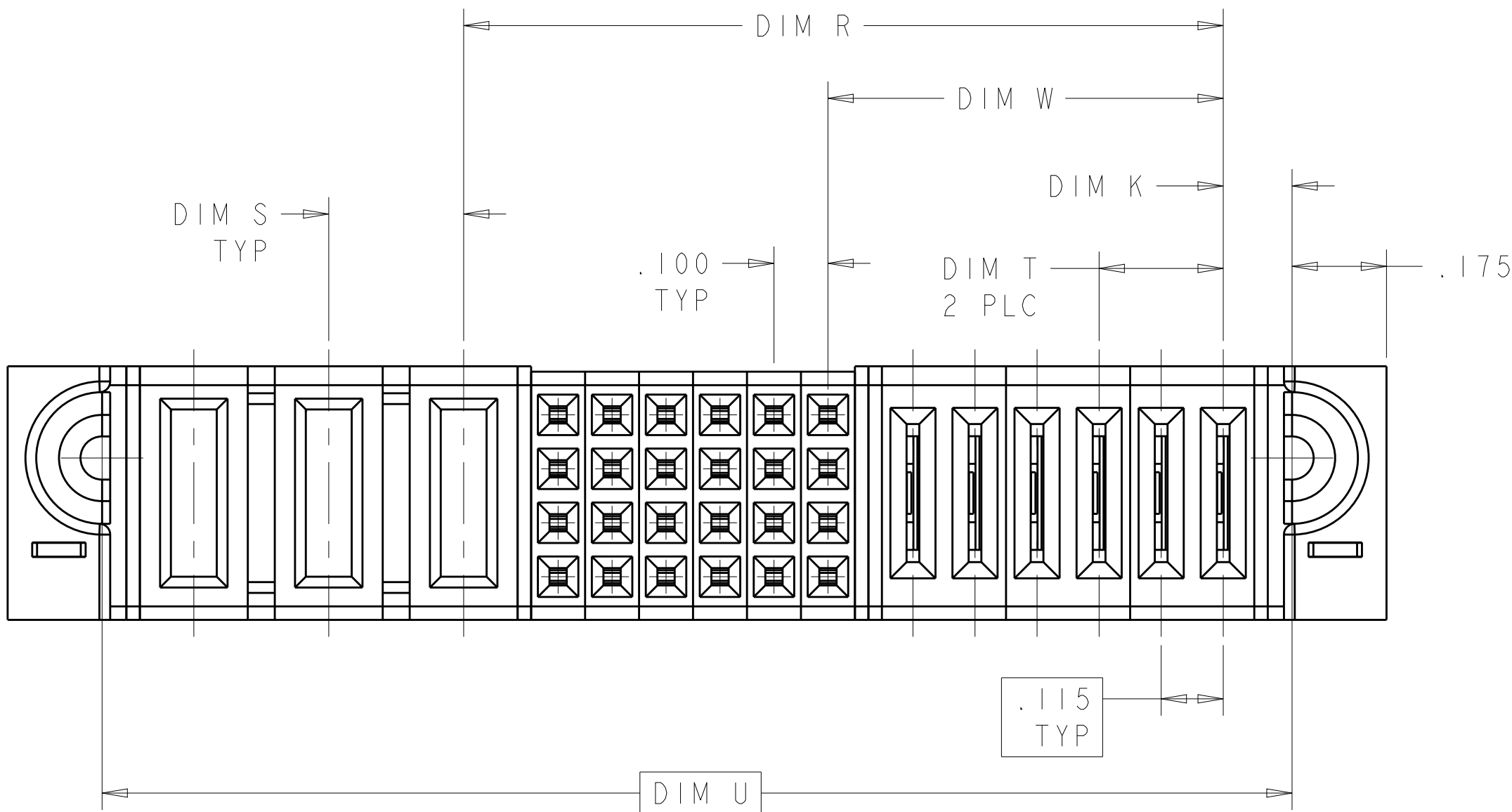
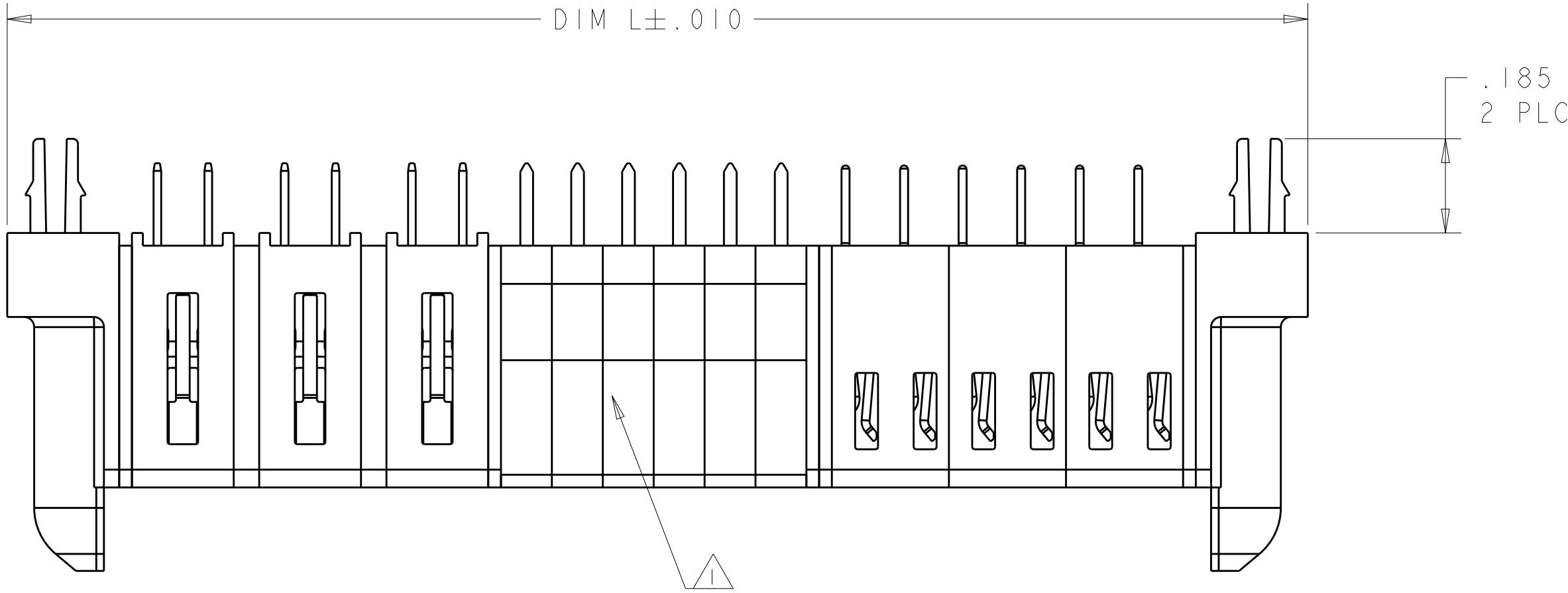
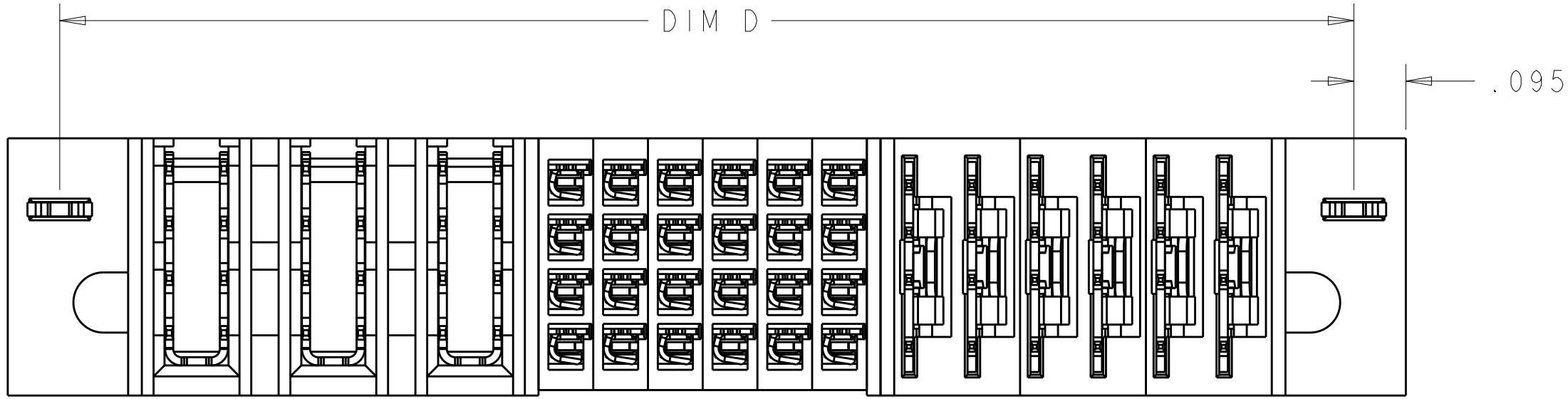
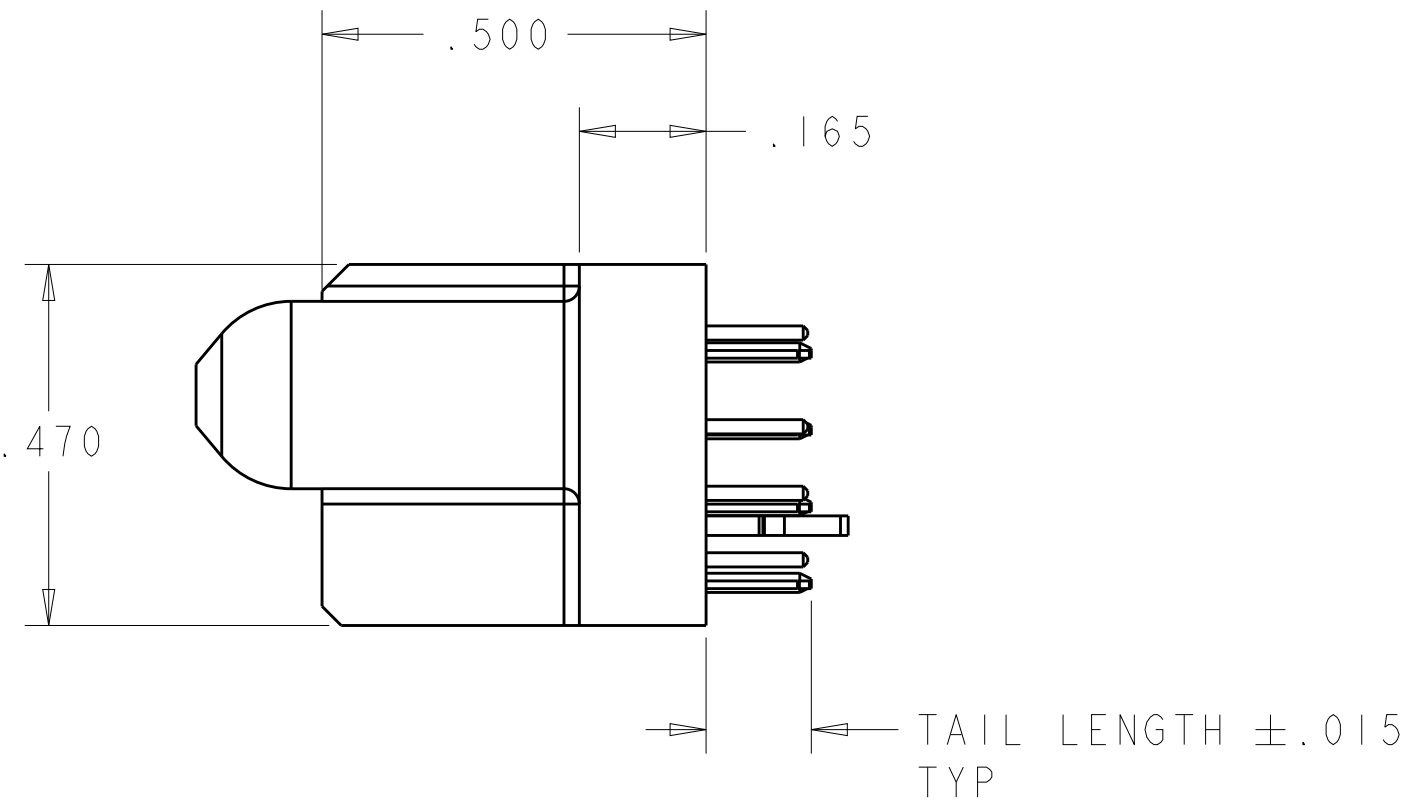


LOC		DIST		REVISIONS				
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		F		REVISED 2-2 BY CUSTOMER	09MAR2015	CZ	SZ	

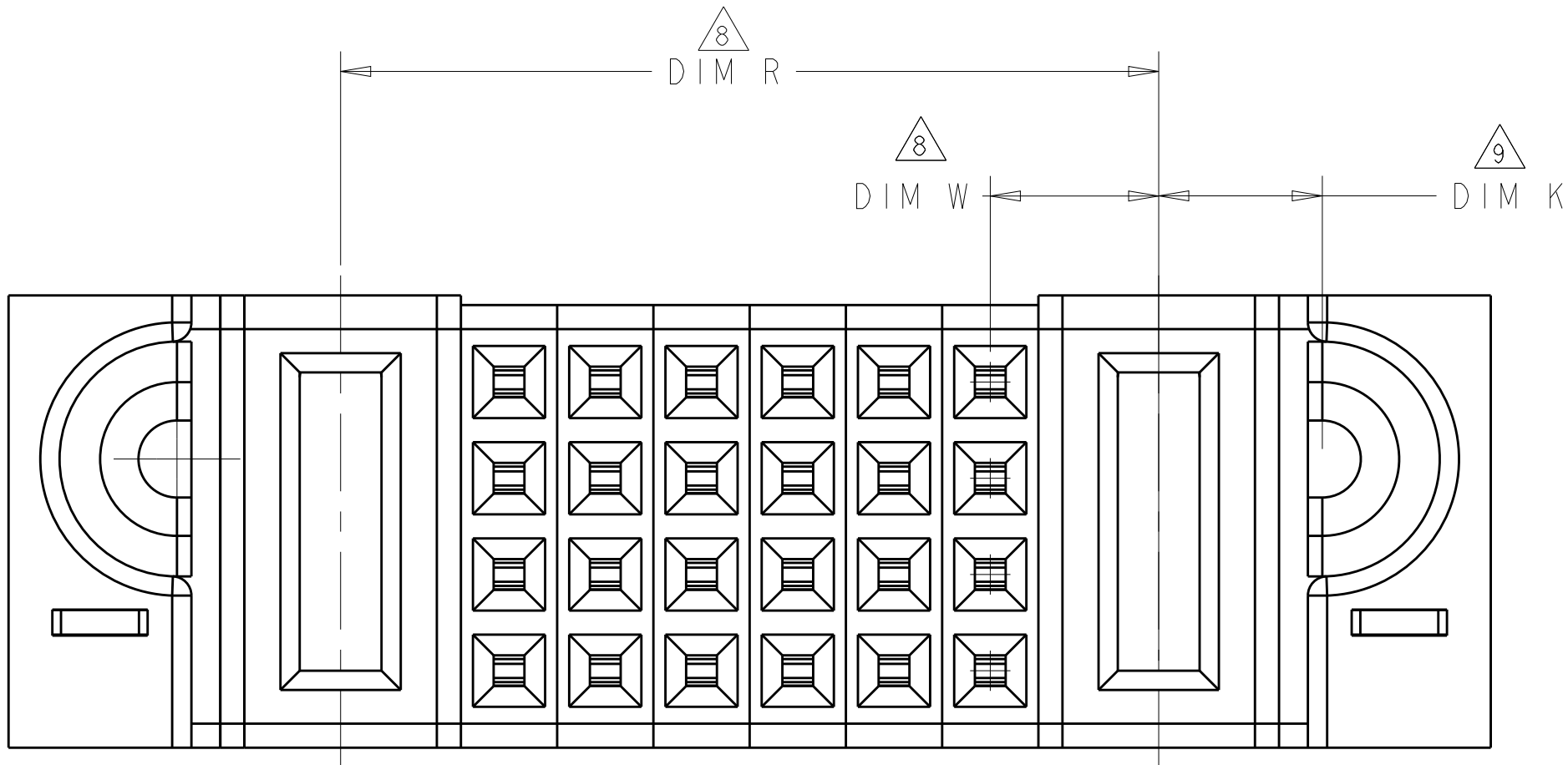


- 1 "AMP", TRADEMARK, PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O, BLACK
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 3 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT 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 - .0453 ±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 CU PLATING TO ACHIEVE A .040±.003 DIA HOLE
- 8 DIM W & DIM R ARE APPLICABLE TO P+S+P CONFIGURATION.
- 9 FOR P/N 6450850-3,-11,THE VARIABLE DIMENSIONS PLEASE SEE SHEET 2.
- 10 VARIABLE DIMENSIONS SHOW ON TABLE OR PART VIEW



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S.ZHAO 20SEP2007	 TE Connectivity					
DIMENSIONS: INCHES		CHK S.ZHAO 20SEP2007						
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD S.YAO	NAME					
		PRODUCT SPEC	VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE					
		108-1973						
		APPLICATION SPEC						
		MATERIAL	FINISH	114-13038	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
WEIGHT	A			100779	C=6450850	-		
CUSTOMER DRAWING		SCALE		4:1	SHEET	1 of 8	REV	F

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



FOR P/N 6450850-3,-11,THE OTHER DIMENSIONS PLEASE SEE THE TABLE OF SHEET 1.

		2.1275	1.1025	4.590	4.240	4.400	.1025	9LP + 36S + 1P + 16LP	2-6450850-2
.300	.250	1.275	.800	2.490	2.140	2.300	.195	3ACP + 16S + 3P	2-6450850-1
.230	.230	1.090	.7825	1.990	1.640	1.800	.1025	3LP + 12S + 4LP	2-6450850-0
.250	.250	1.150	.675	2.340	1.990	2.150	.170	3P + 16S + 3P	1-6450850-9
				3.270	2.920	3.080	.170	5HDP + 24S + 1P + 7LP	1-6450850-8
-	-	.500	.200	1.140	.790	.950	.145	1P + 8S + 1P	1-6450850-7
.300	.250	1.250	.775	2.940	2.590	2.750	.170	3ACP + 16S + 5P	1-6450850-6
.200	.200	.800	.350	1.840	1.490	1.650	.145	2P + 16S + 3P	1-6450850-4
.250	.250	1.300	.925	2.740	2.390	2.550	.170	4P + 12S + 4P	1-6450850-3
-	-	.850	.175	1.540	1.190	1.350	.170	1P + 24S + 1P	1-6450850-1
-	-	.850	.175	1.540	1.190	1.350	.170	1P + 24S + 1P	6450850-3
.230	.250	1.4075	.7325	2.555	2.205	2.365	.1275	6LP + 24S + 3P	6450850-2
DIM T	DIM S	DIM R	DIM W	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 S.ZHAO 20SEP2007
CHK S.ZHAO 20SEP2007
APVD S.YAO -

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

NAME

VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A100779

©=6450850

-

SCALE

4:1

SHEET

2

OF

8

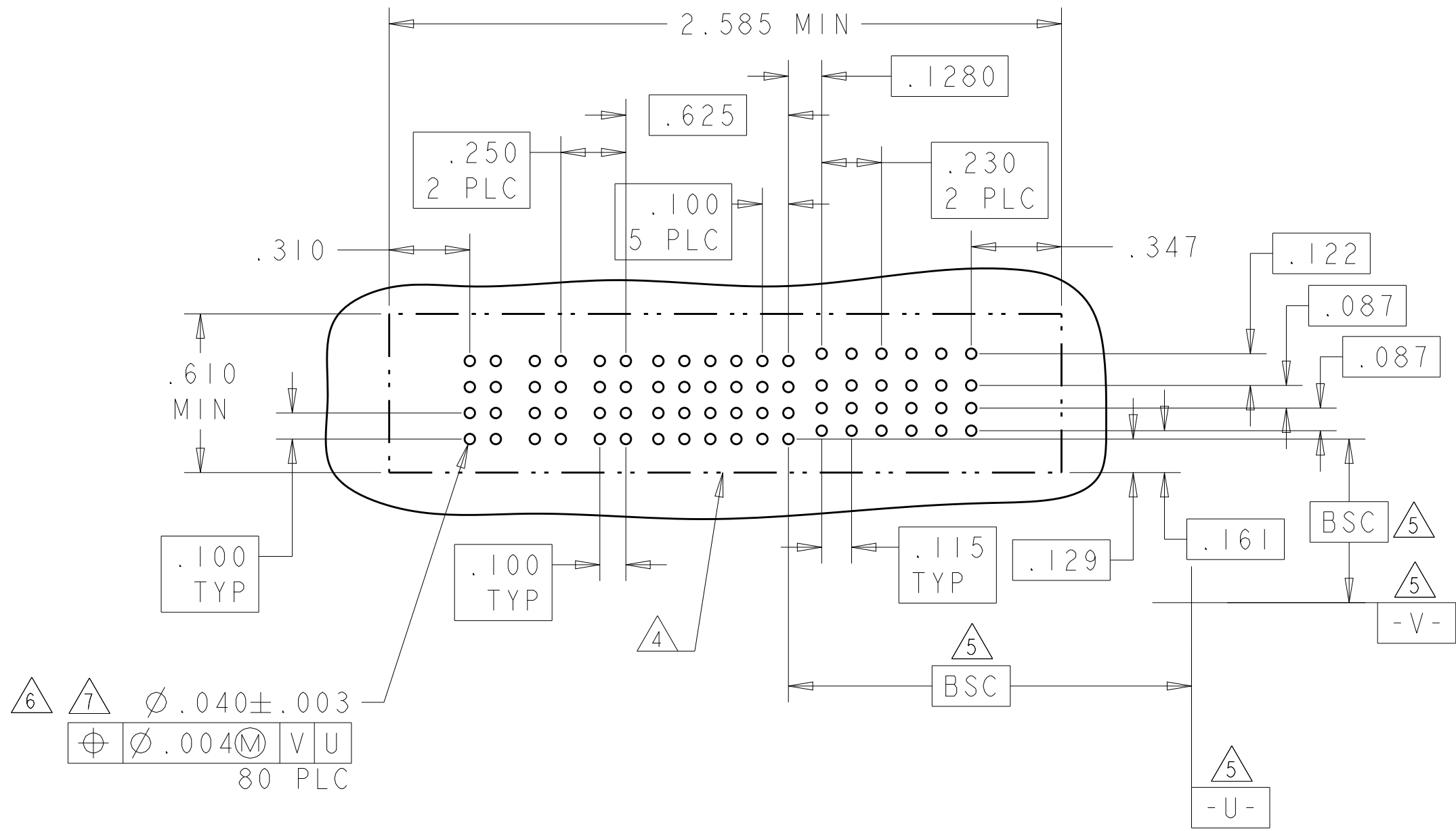
REV

F

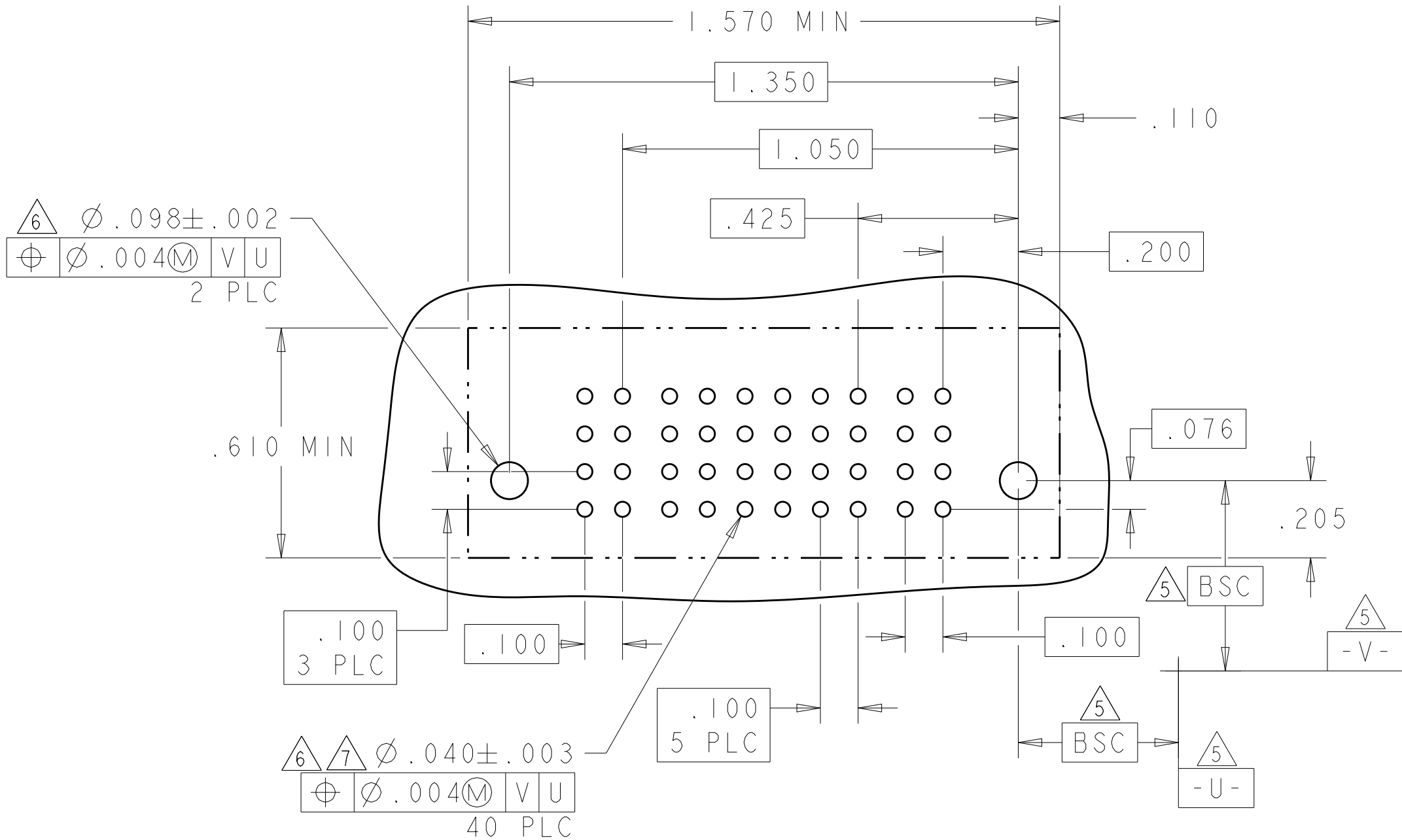
TE Connectivity

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

PART NUMBER	ROWS		POWER			SIGNAL						POWER						
			P3	P2	P1	6	5	4	3	2	1	LP6	LP5	LP4	LP3	LP2		LP1
6450850-2	D C B A			VM	VM		E	E	E	E	E	E	LM	LM	LM	LM	LM	LM
							E	E	E	E	E	E						
							E	E	E	E	E	E						
							E	E	E	E	E	E						
6LP + 24S + 3P																		



PART NUMBER	ROWS		POWER	SIGNAL						POWER		
			P2	6	5	4	3	2	1	P1		
6450850-3	D C B A		VM	E	E	E	E	E	E	E	VM	
				E	E	E	E	E	E	E		
				E	E	E	E	E	E	E		
				E	E	E	E	E	E	E		
IP + 24S + IP												



PART NUMBER	ROWS		POWER	SIGNAL						POWER		
			P2	6	5	4	3	2	1	P1		
1-6450850-1	D C B A		VM 	E	E	E	E	E	E	VA 		
				E	E	E	E	E	E			
				E	E	E	E	E	E			
				E	E	E	E	E	E			
IP + 24S + IP												

LAYOUT OF 1-6450850-1 IS SAME AS 6450850-3.

LM	LOW POWER CONTACT .135" TAIL LENGTH
M	SIGNAL CONTACT .165" TAIL LENGTH
E	SIGNAL CONTACT .135" TAIL LENGTH
VO	POWER CONTACT, STD.165" TAIL LENGTH
VA	POWER CONTACT, MFBL.135" TAIL LENGTH
VM	POWER CONTACT, STD.135" TAIL LENGTH
CODE	DESCRIPTION
CONTACTS	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN S.ZHAO 20SEP2007
CHK S.ZHAO 20SEP2007
APVD S.YAO -

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 -

CUSTOMER DRAWING

PRODUCT SPEC
108-1973

APPLICATION SPEC
114-13038

WEIGHT -

NAME
VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE

SIZE CAGE CODE DRAWING NO
A100779C=6450850

RESTRICTED TO -

SCALE 4:1

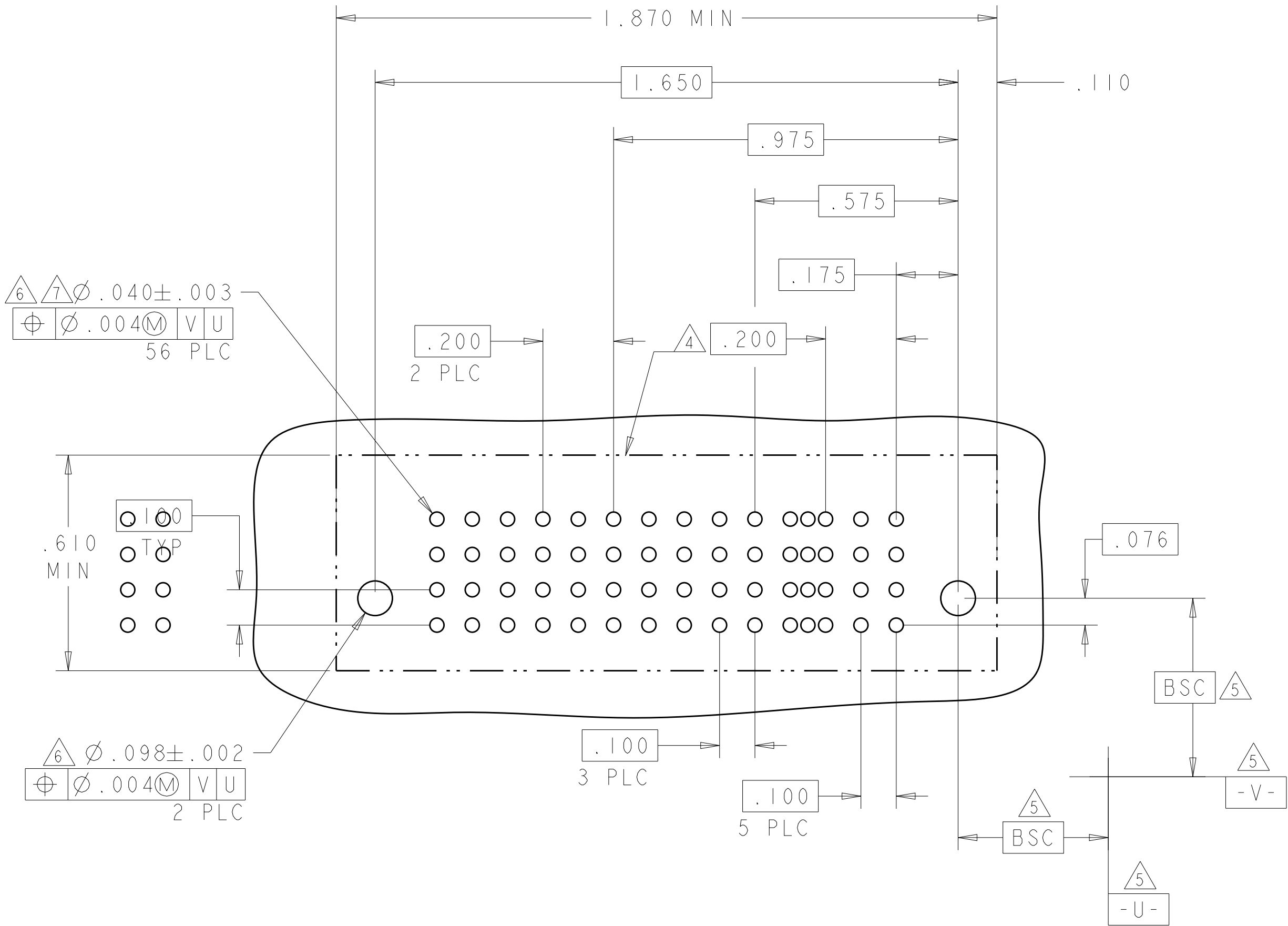
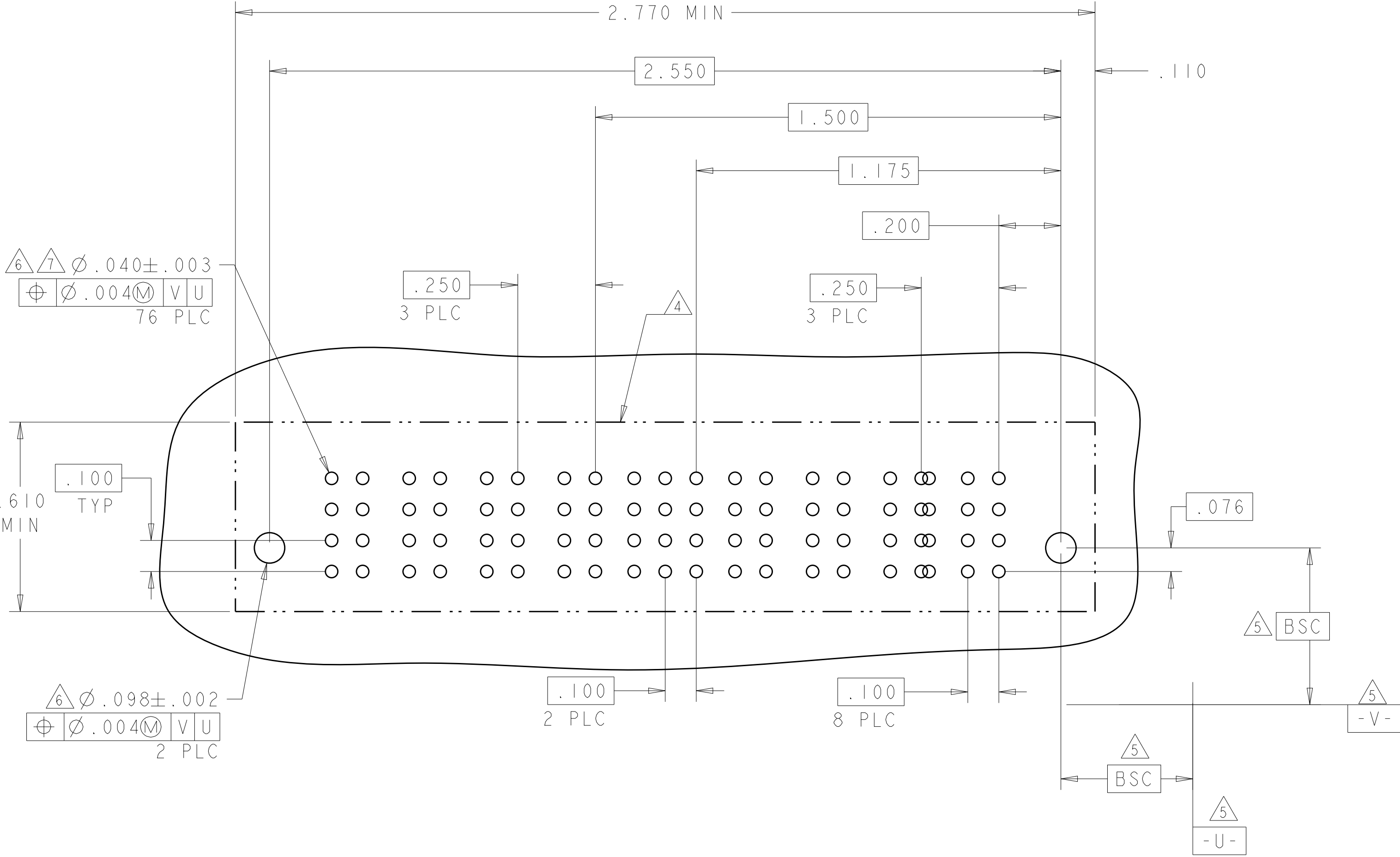
SHEET 3 OF 8

REV F

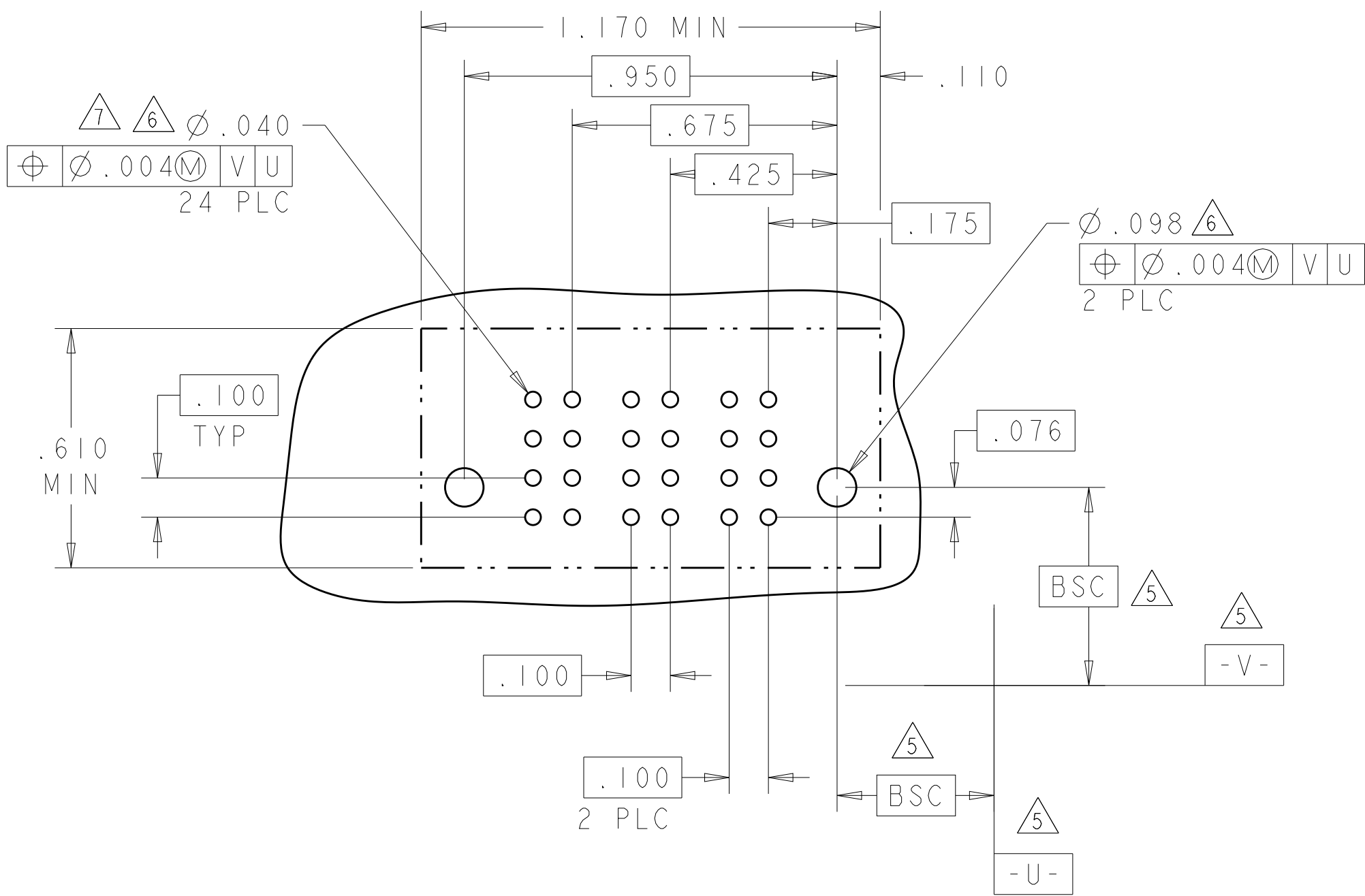
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER				SIGNAL			POWER				
			P8	P7	P6	P5	3	2	1	P4	P3	P2	P1	
1-6450850-3	D		VM	VM	VM	VM	E	E	E	VM	VM	VM	VM	
	C						E	E	E					
	B						E	E	E					
	A						E	E	E					
4P + 12S + 4P														

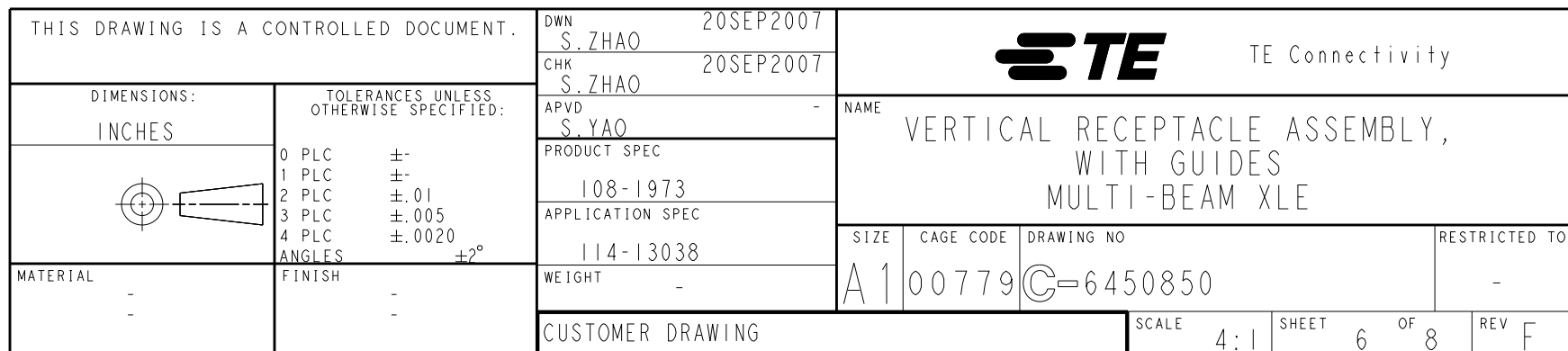
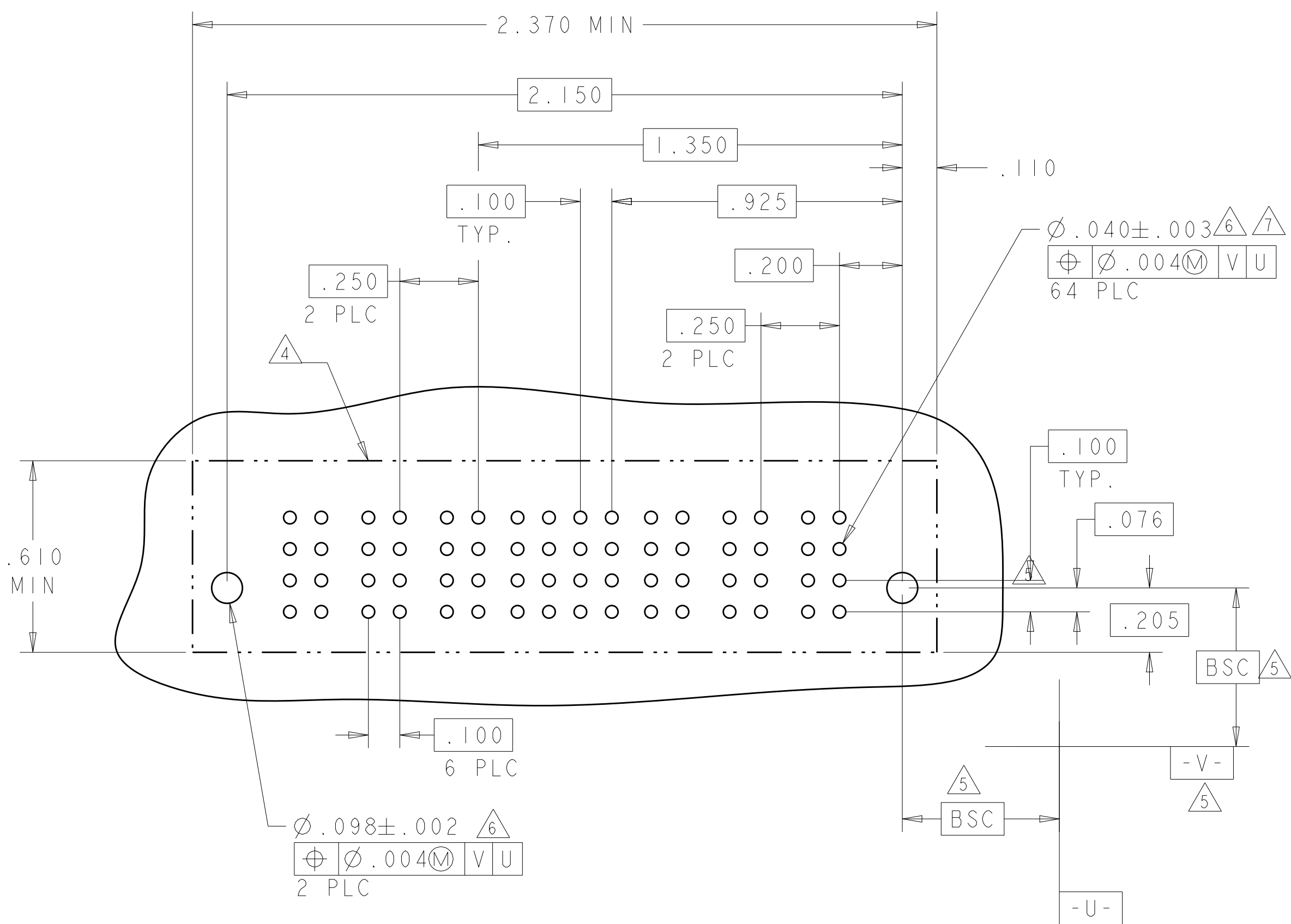
PART NUMBER	ROWS		POWER			SIGNAL				POWER		
			P5	P4	P3	4	3	2	1	P2	P1	
1-6450850-4	D		VM	VM	VM	E	E	E	E	VM	VM	
	C					E	E	E	E			
	B					E	E	E	E			
	A					HD	E	E	E			
2HDP + 16S + 3HDP												



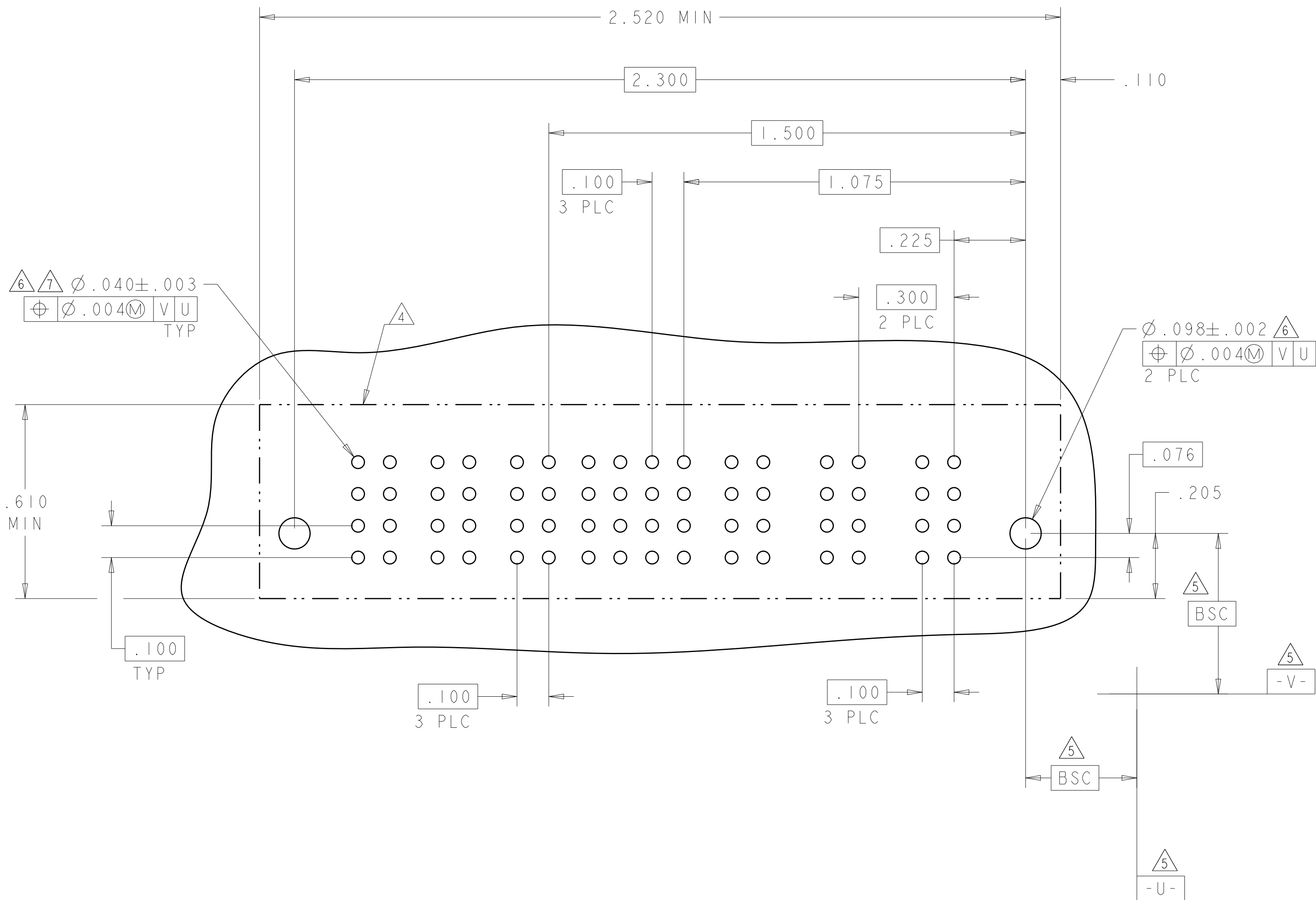
PART NUMBER	ROWS		POWER	SIGNAL		POWER	
			P2	2	1	P1	
1-6450850-7	D			E	E		
	C			E	E		
	B			E	E		
	A			E	E		
				E	E		
IP + 8S + IP							

4805 (3/11)

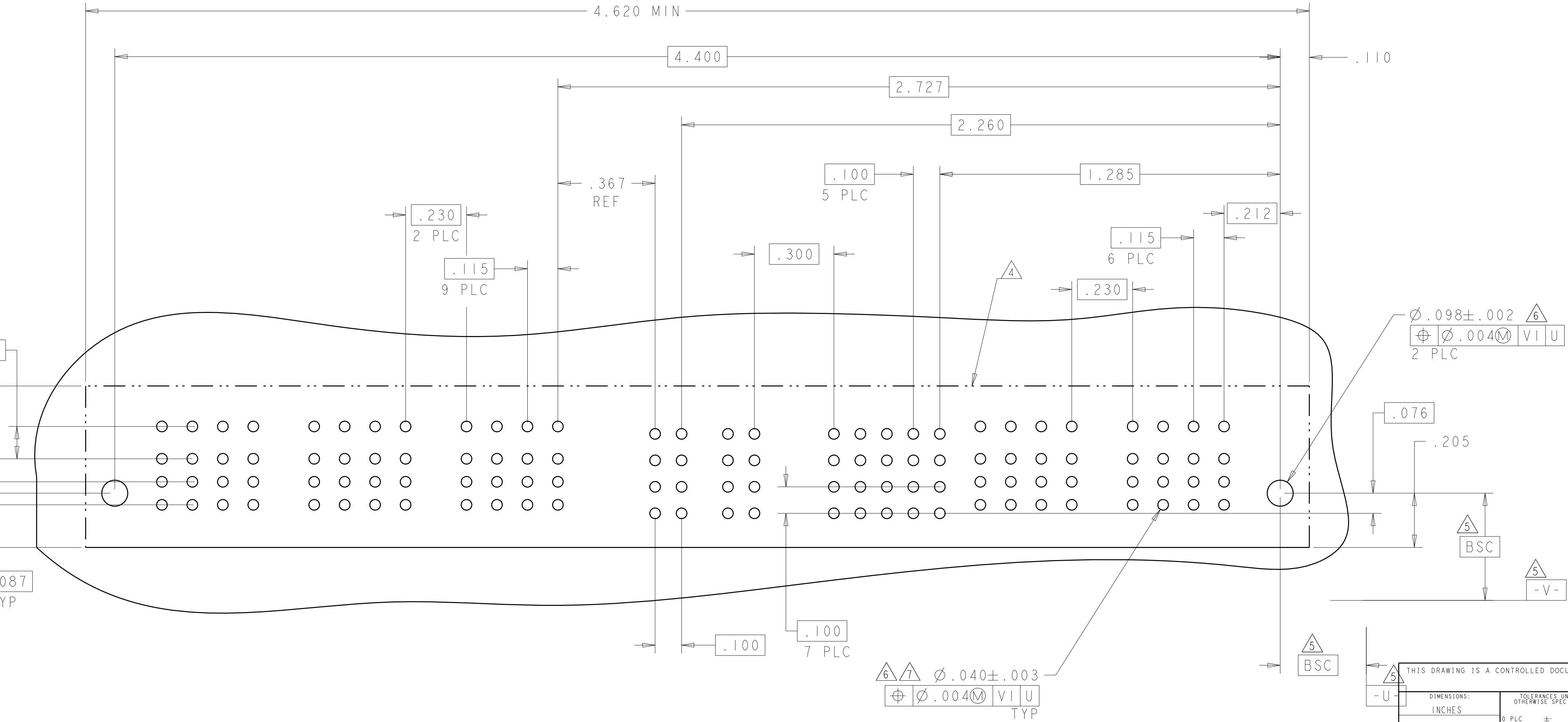
PART NUMBER	ROWS		POWER			SIGNAL				POWER			
			P6	P5	P4	4	3	2	1	P3	P2	P1	
1-6450850-9	D C B A												
3P + 16S + 3P													



PART NUMBER	ROWS		POWER			SIGNAL				POWER			
			P6	P5	P4	4	3	2	1	P3	P2	P1	
2-6450850-I	D C B A	 HD											
3ACP + 16S + 3P													

4805 (3/11)

NO CONTACTS LOADED NO CONTACTS LOADED NO CONTACT LOADED

4805 (3/11)