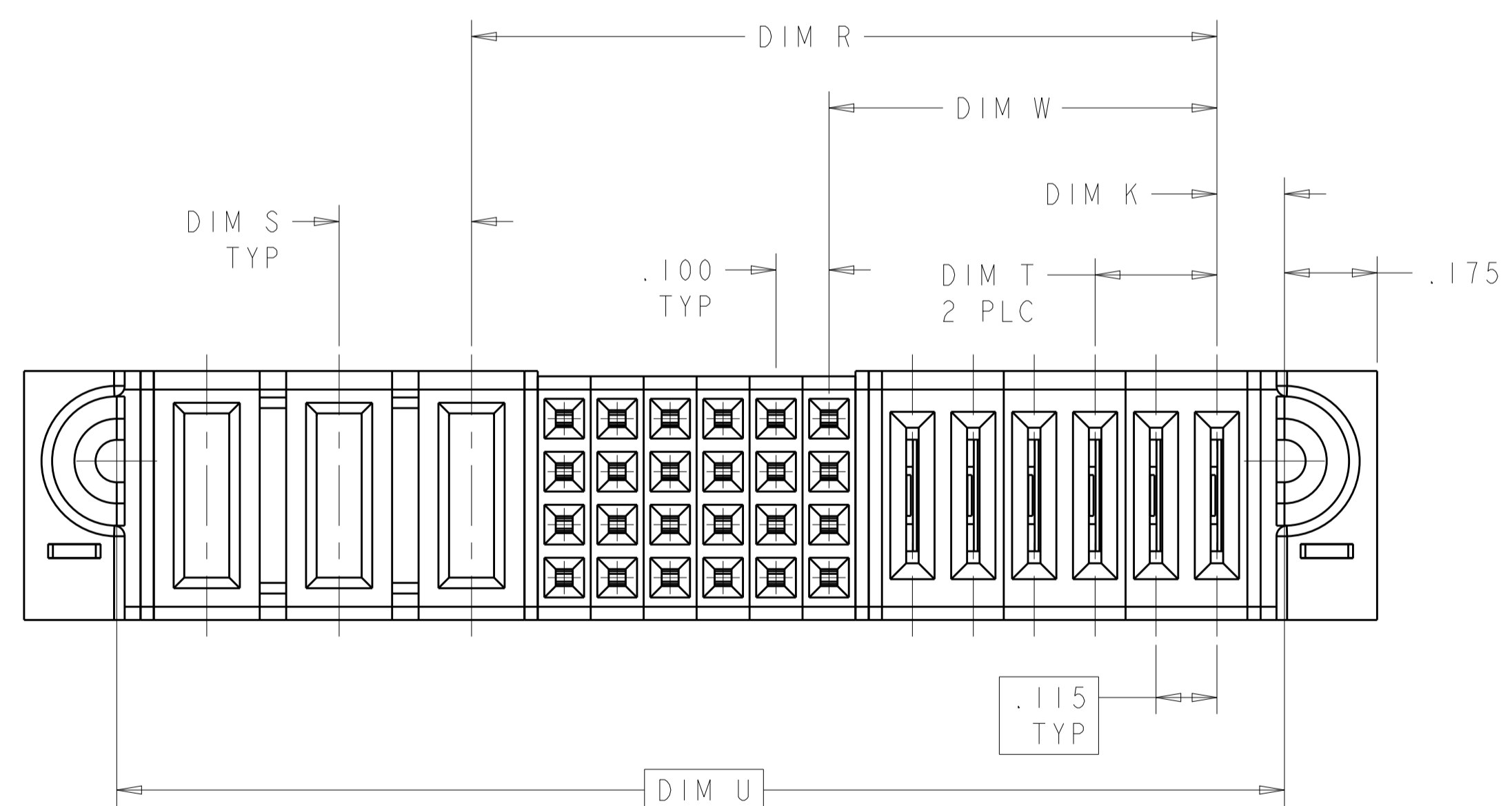
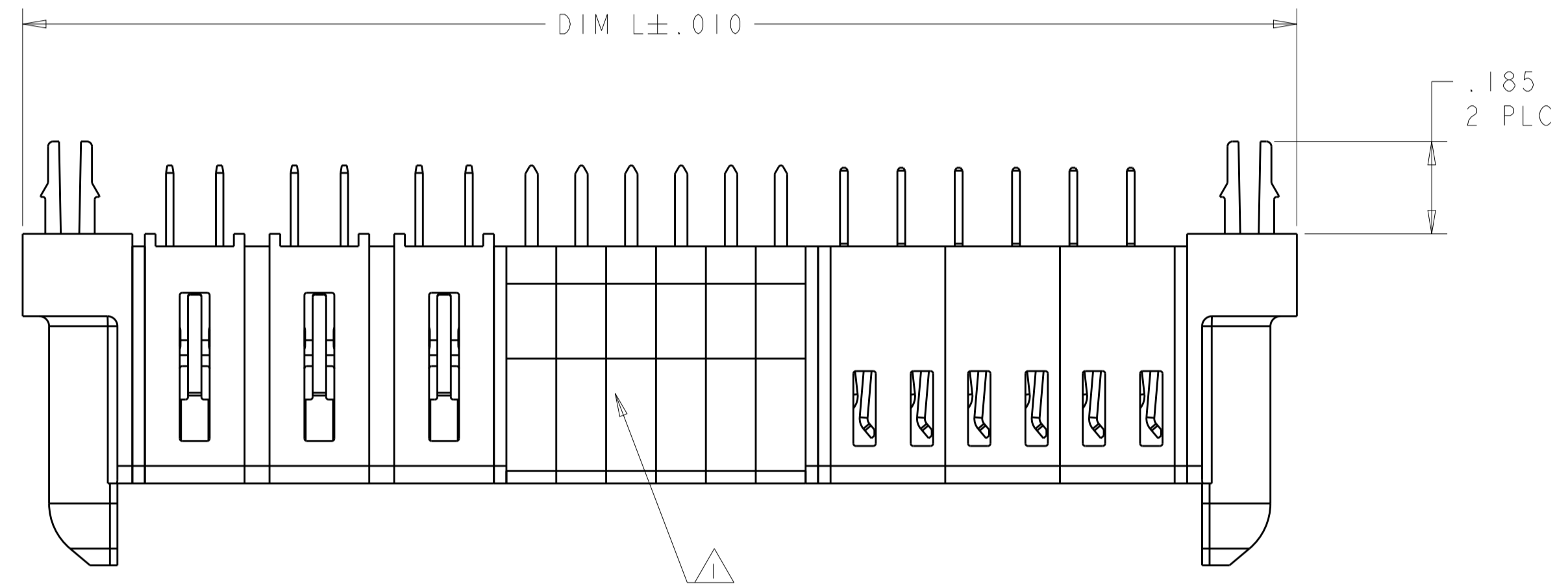
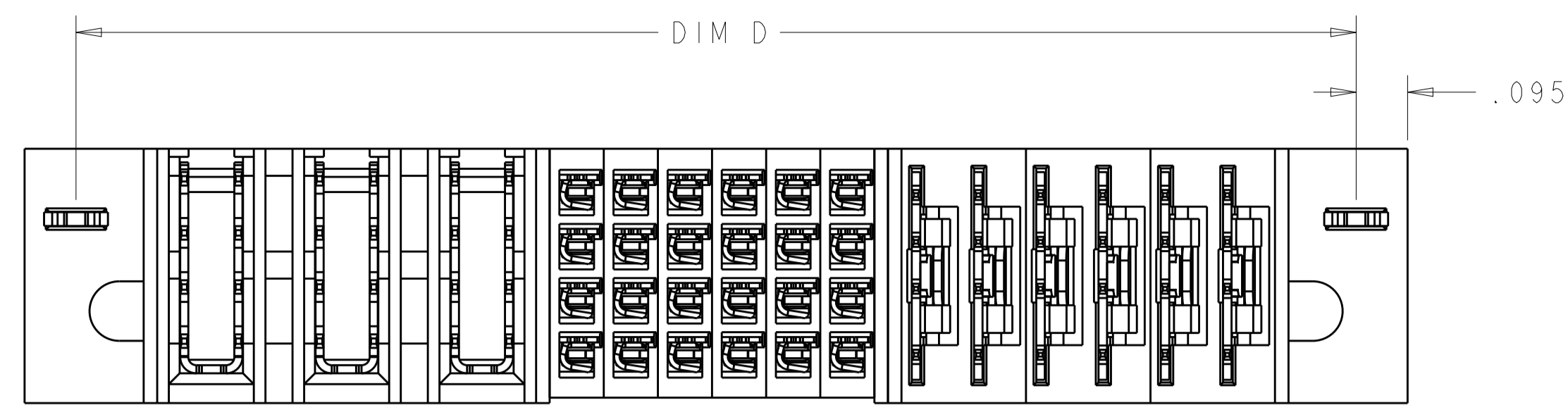
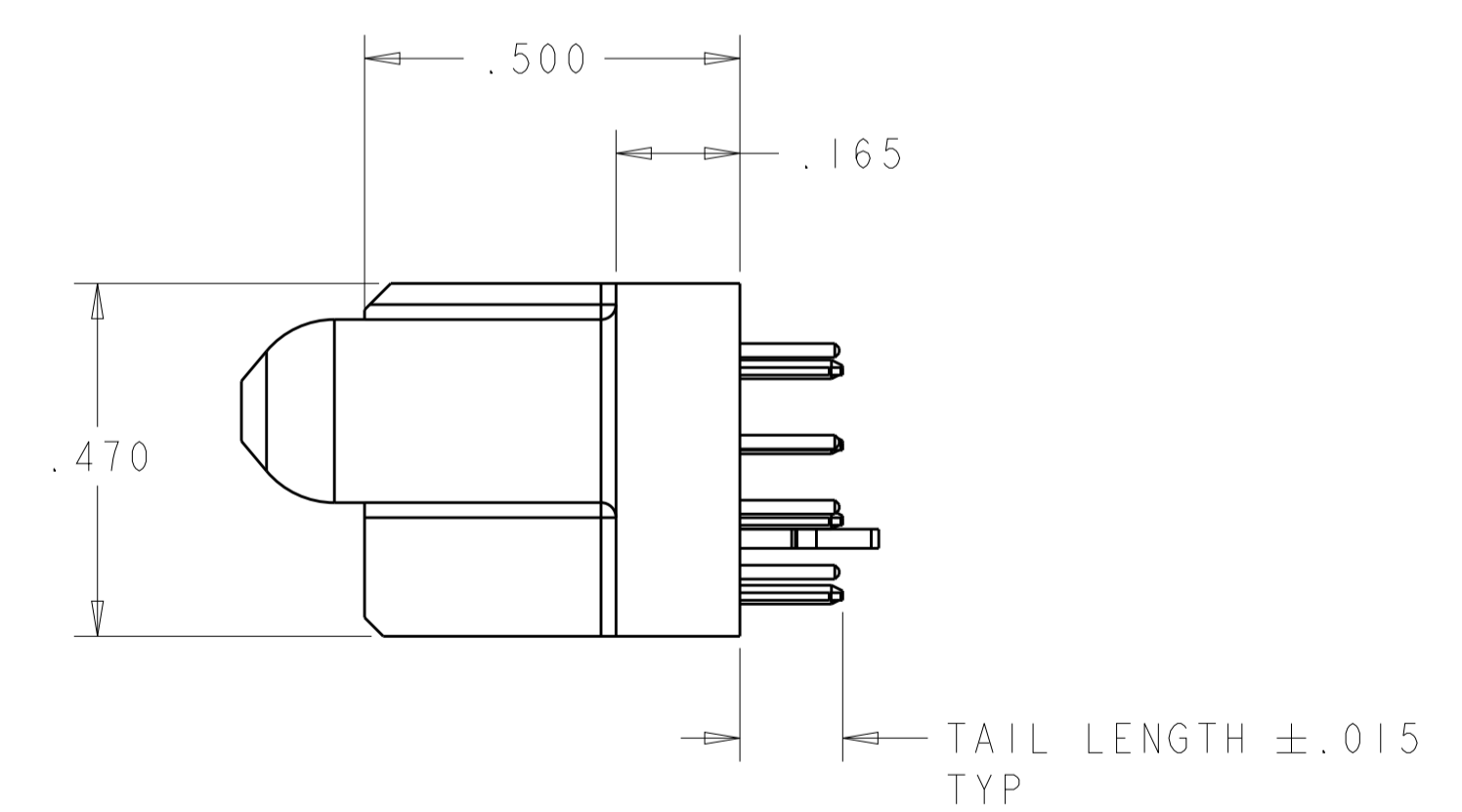


LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	APVD
ES	00	F		REVISED 2-2 BY CUSTOMER	09MAR2015	CZ	SZ

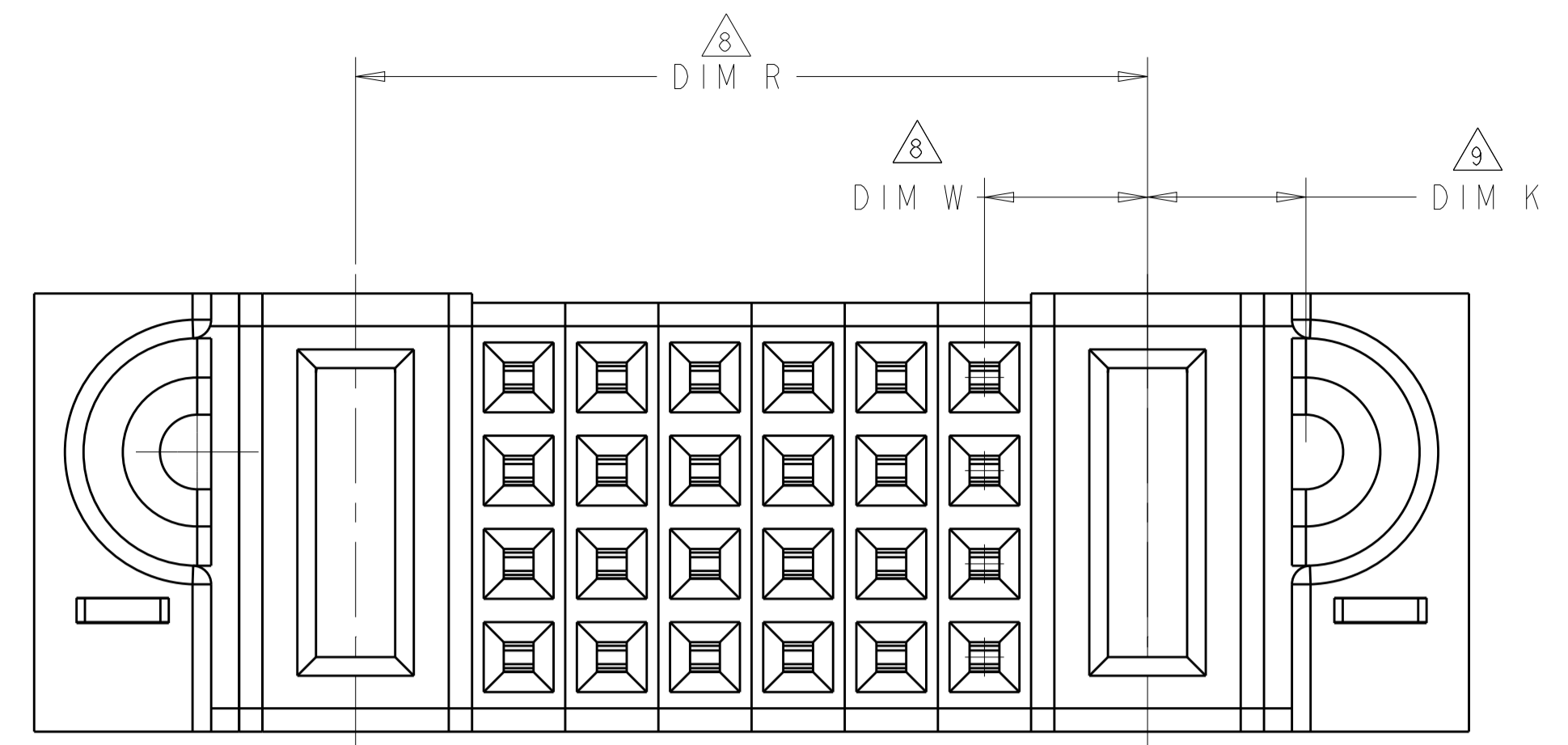


- ① "AMP", TRADEMARK, PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN
- ② MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0, BLACK
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- ③ CONTACT PLATING: NOBLE METAL PLATING ON CONTACT 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:	NAME VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE												
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±.01</td></tr> <tr><td>2 PLC</td><td>±.01</td></tr> <tr><td>3 PLC</td><td>±.005</td></tr> <tr><td>4 PLC</td><td>±.0020</td></tr> <tr><td>ANGLES</td><td>±.020</td></tr> </table>		0 PLC	±	1 PLC	±.01	2 PLC	±.01	3 PLC	±.005	4 PLC	±.0020	ANGLES	±.020	APVD S. YAO	PRODUCT SPEC 108-1973
0 PLC	±														
1 PLC	±.01														
2 PLC	±.01														
3 PLC	±.005														
4 PLC	±.0020														
ANGLES	±.020														
MATERIAL		APPLICATION SPEC 114-13038	RESTRICTED TO												
FINISH		WEIGHT	SIZE A100779												
CUSTOMER DRAWING		SCALE 4:1	SHEET 1 OF 8												
		REV F													

LOC		DIST		REVISIONS				
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD	
-	-	-	-	SEE SHEET 1	-	-	-	



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

Δ_0	Δ_0	2.1275	1.1025	4.590	4.240	4.400	.1025	9LP + 36S + IP + 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
Δ_0	Δ_0	Δ_0	Δ_0	3.270	2.920	3.080	.170	5HDP + 24S + IP + 7LP	1-6450850-8
-	-	.500	.200	1.140	.790	.950	.145	IP + 8S + IP	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 Δ_9	IP + 24S + IP	1-6450850-1
-	-	.850	.175	1.540	1.190	1.350	.170 Δ_9	IP + 24S + IP	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 Δ_8	DIM W Δ_8	DIM L	DIM U	DIM D	DIM K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DMN S. ZHAO 20SEP2007
 CHK S. ZHAO 20SEP2007

DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±.01
 1 PLC ±.01
 2 PLC ±.01
 3 PLC ±.005
 4 PLC ±.0020
 ANGLES ±.020

MATERIAL: FINISH:

APVD S. YAO

PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038

WEIGHT: CUSTOMER DRAWING

NAME: VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE

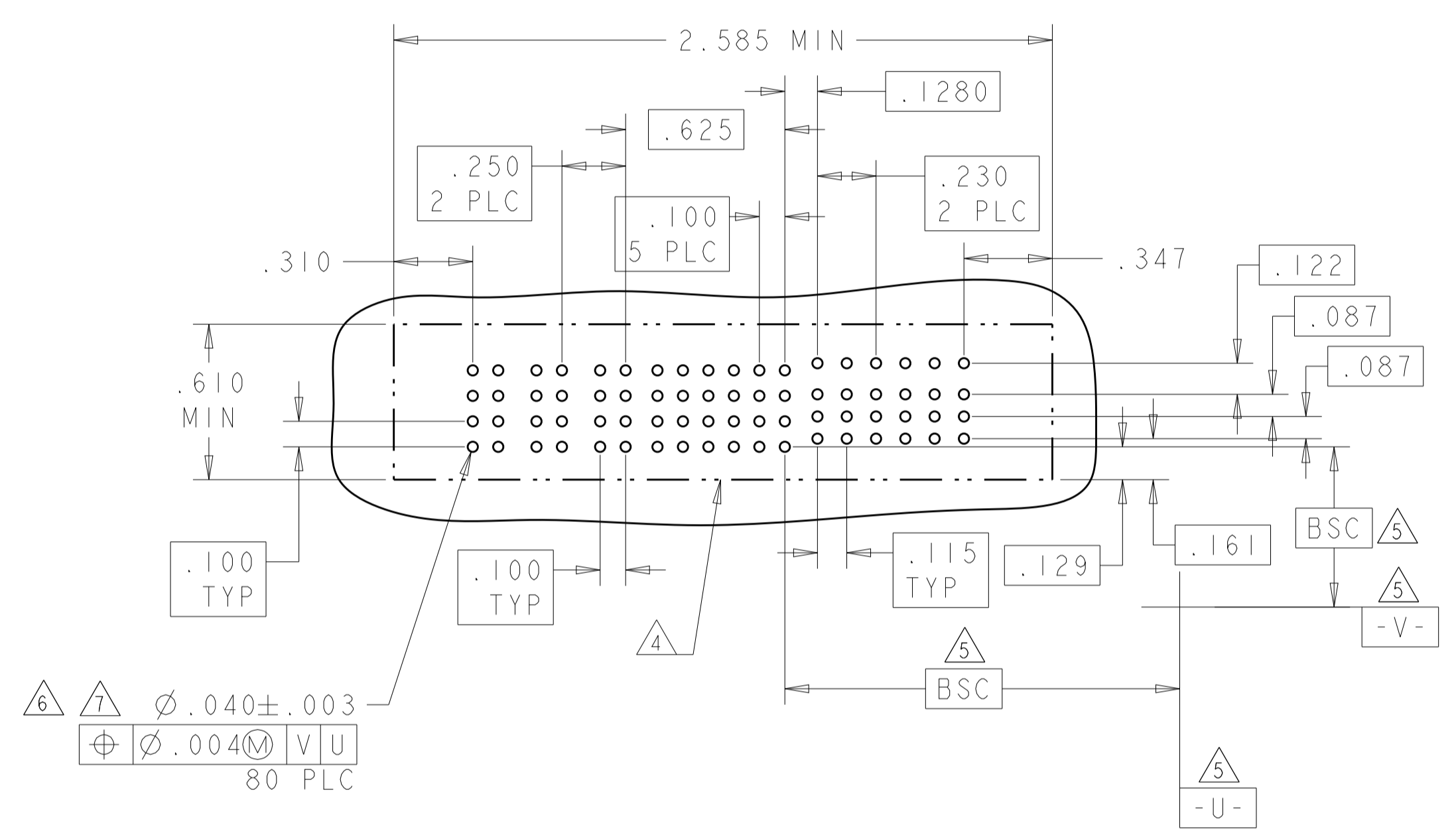
SIZE: A1
 CAGE CODE: 00779
 DRAWING NO: 6450850

RESTRICTED TO: F

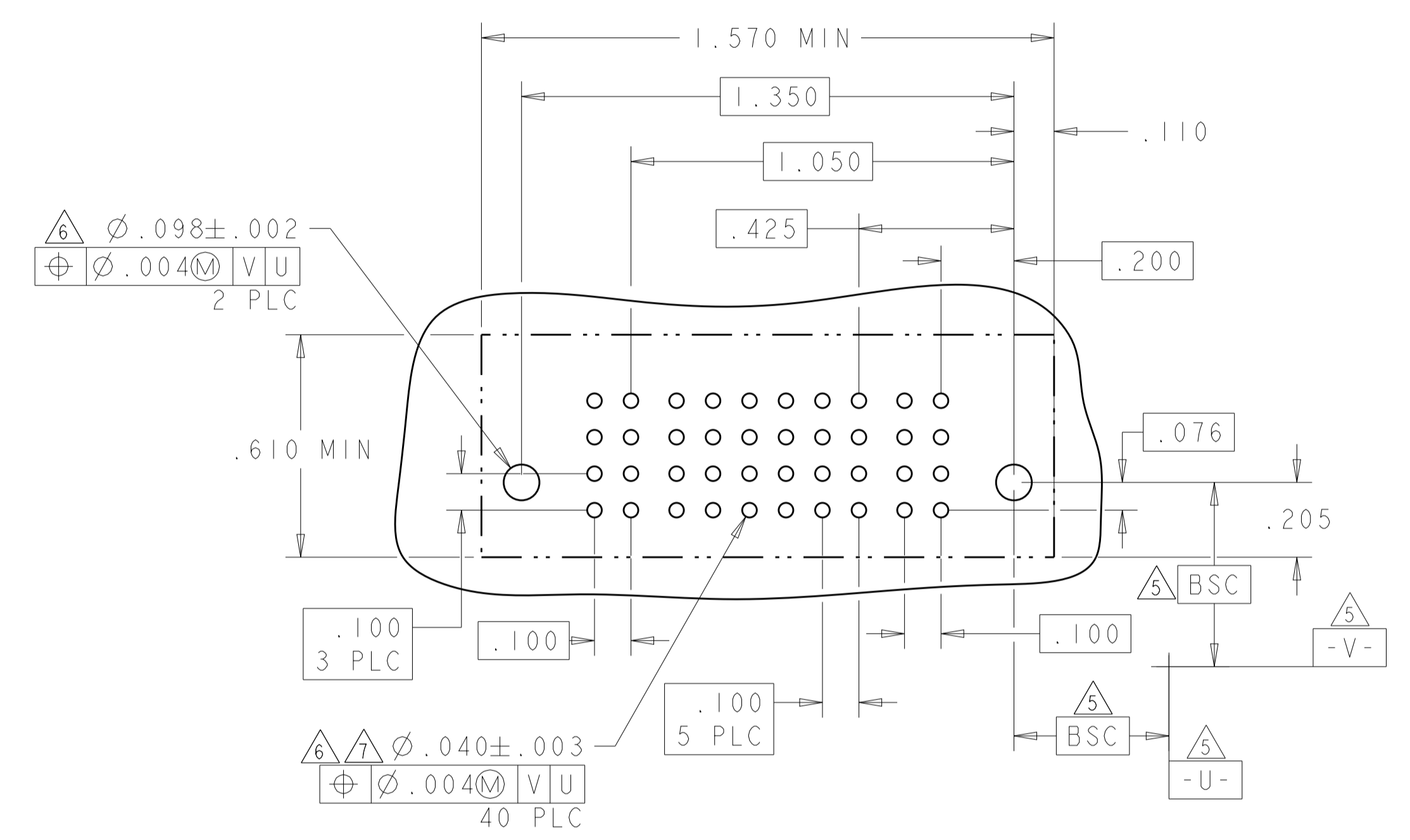
SCALE: 4:1 SHEET 2 OF 8 REV F

LOC	DIST	REV	DATE	BY	APPV
ES	00				
REVISIONS					
		DESCRIPTION	DATE	BY	APPV
		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	VM	E	E	E	E	E	E	E	LM	LM	LM	LM	LM
6LP + 24S + 3P																



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



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

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN S. ZHAO 20SEP2007	CHK S. ZHAO 20SEP2007
0 PLC ±.01	1 PLC ±.01	APVD S. YAO	NAME
2 PLC ±.01	3 PLC ±.005	PRODUCT SPEC	VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES
4 PLC ±.0020	ANGLES ±.020	APPLICATION SPEC	MULTI-BEAM XLE
MATERIAL	FINISH	SIZE 114-13038	RESTRICTED TO
		WEIGHT	A100779C=6450850
		CUSTOMER DRAWING	SCALE 4:1 SHEET 3 OF 8 REV F

TE TE Connectivity

LOC	DIST	REV	DATE	BY	APPD
ES	00				

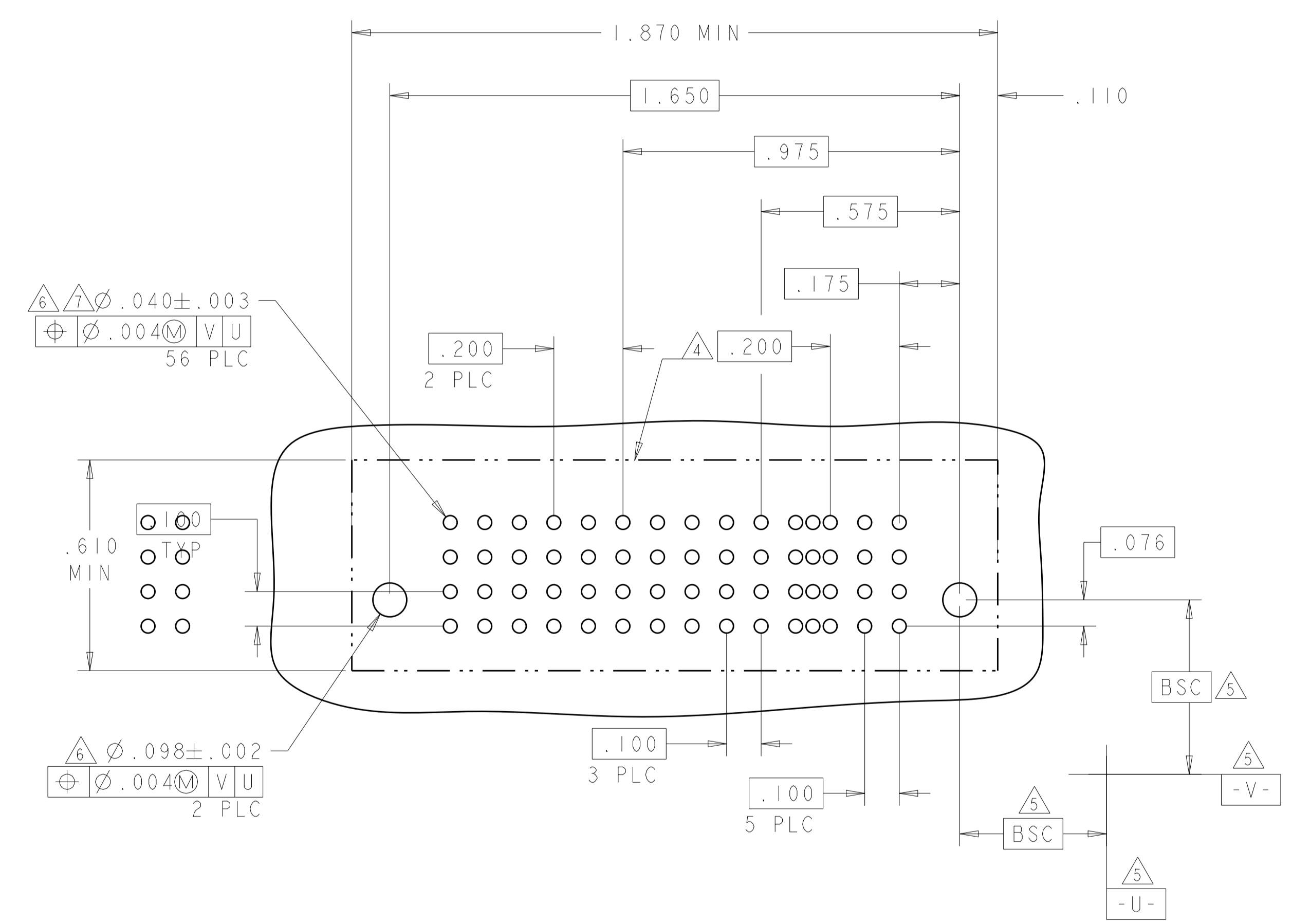
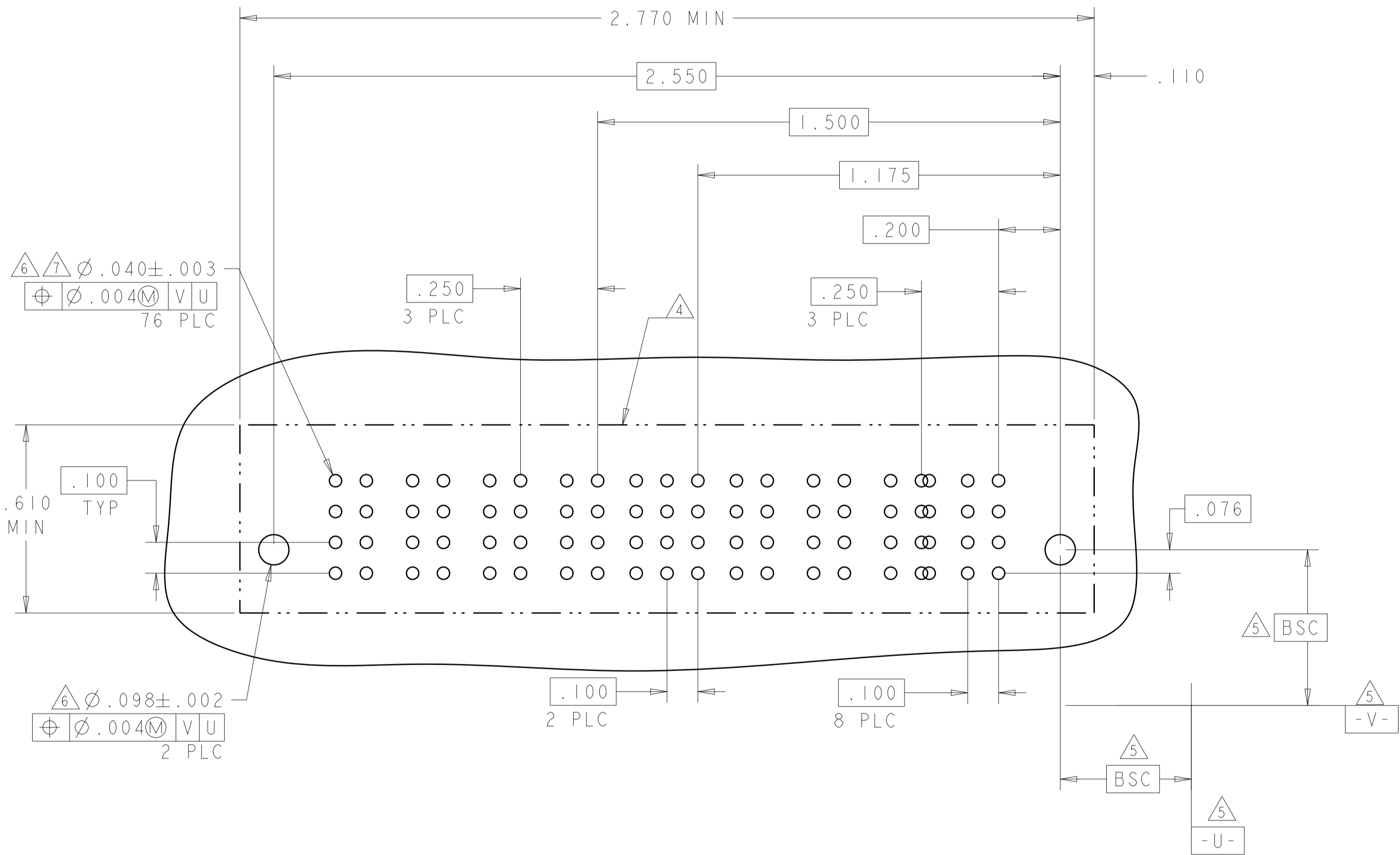
REVISIONS					
REV	DATE	BY	APPD	DESCRIPTION	DATE
-	-	-	-	SEE SHEET 1	-

PART NUMBER	ROWS	POWER				SIGNAL			POWER			
		P8	P7	P6	P5	3	2	1	P4	P3	P2	P1
I-6450850-3	D					E	E	E				
	C					E	E	E				
	B	VM	VM	VM	VM	E	E	E	VM	VM	VM	VM
	A	HD				E	E	E				HD

4P + 12S + 4P

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

2HDP + 16S + 3HDP



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: S. ZHAO 20SEP2007	TE Connectivity
DIMENSIONS: INCHES		CHK: S. ZHAO 20SEP2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: S. YAO	NAME: VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE
0 PLC ± .01	1 PLC ± .01	PRODUCT SPEC 108-1973	SIZE: CAGE CODE DRAWING NO: A100779C=6450850
2 PLC ± .01	3 PLC ± .005	APPLICATION SPEC 114-13038	RESTRICTED TO: -
4 PLC ± .0020	ANGLES ± 0.2°	WEIGHT: -	SCALE: 4:1 SHEET 4 OF 8 REV F
MATERIAL: -	FINISH: -	CUSTOMER DRAWING	

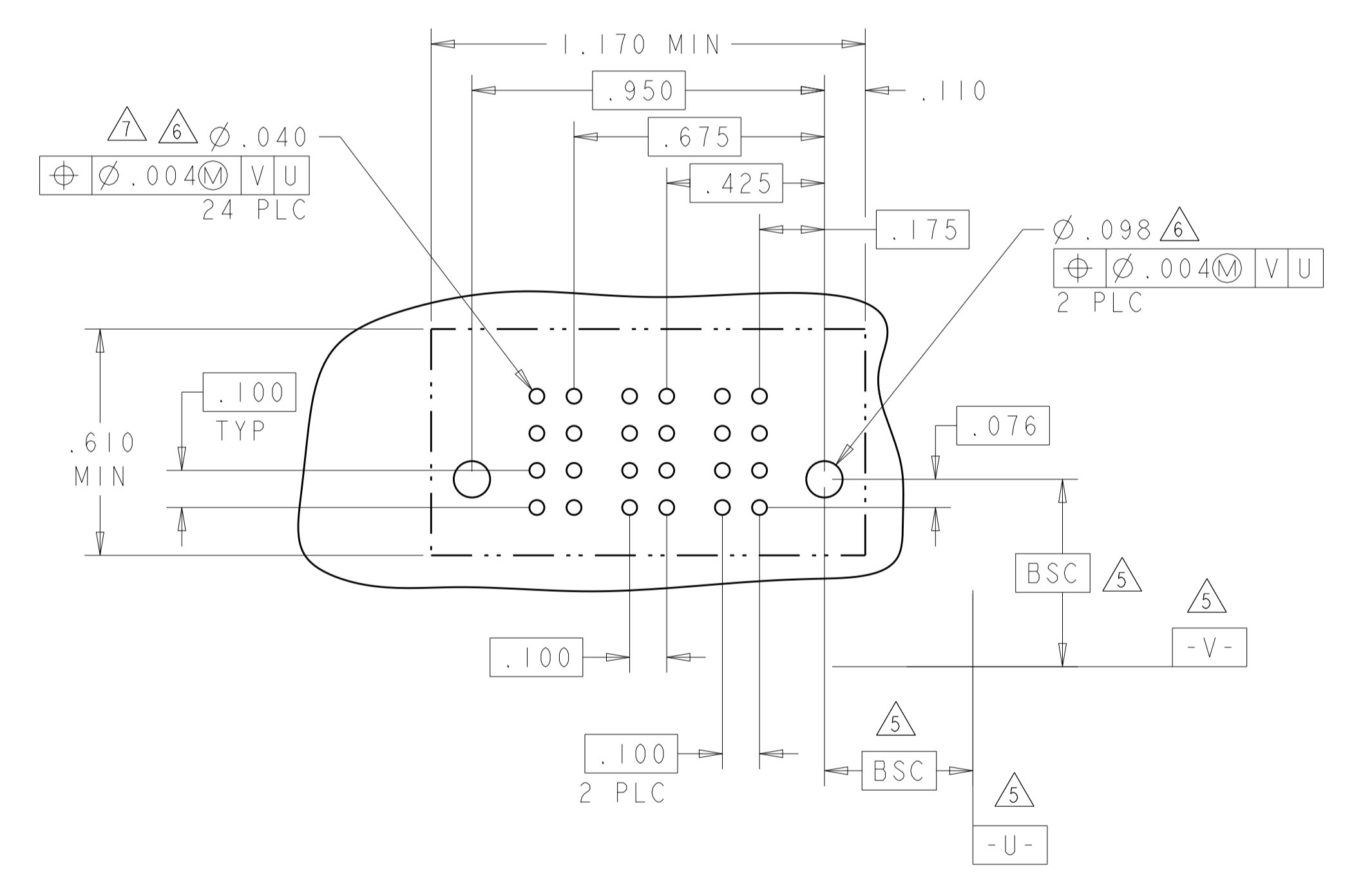
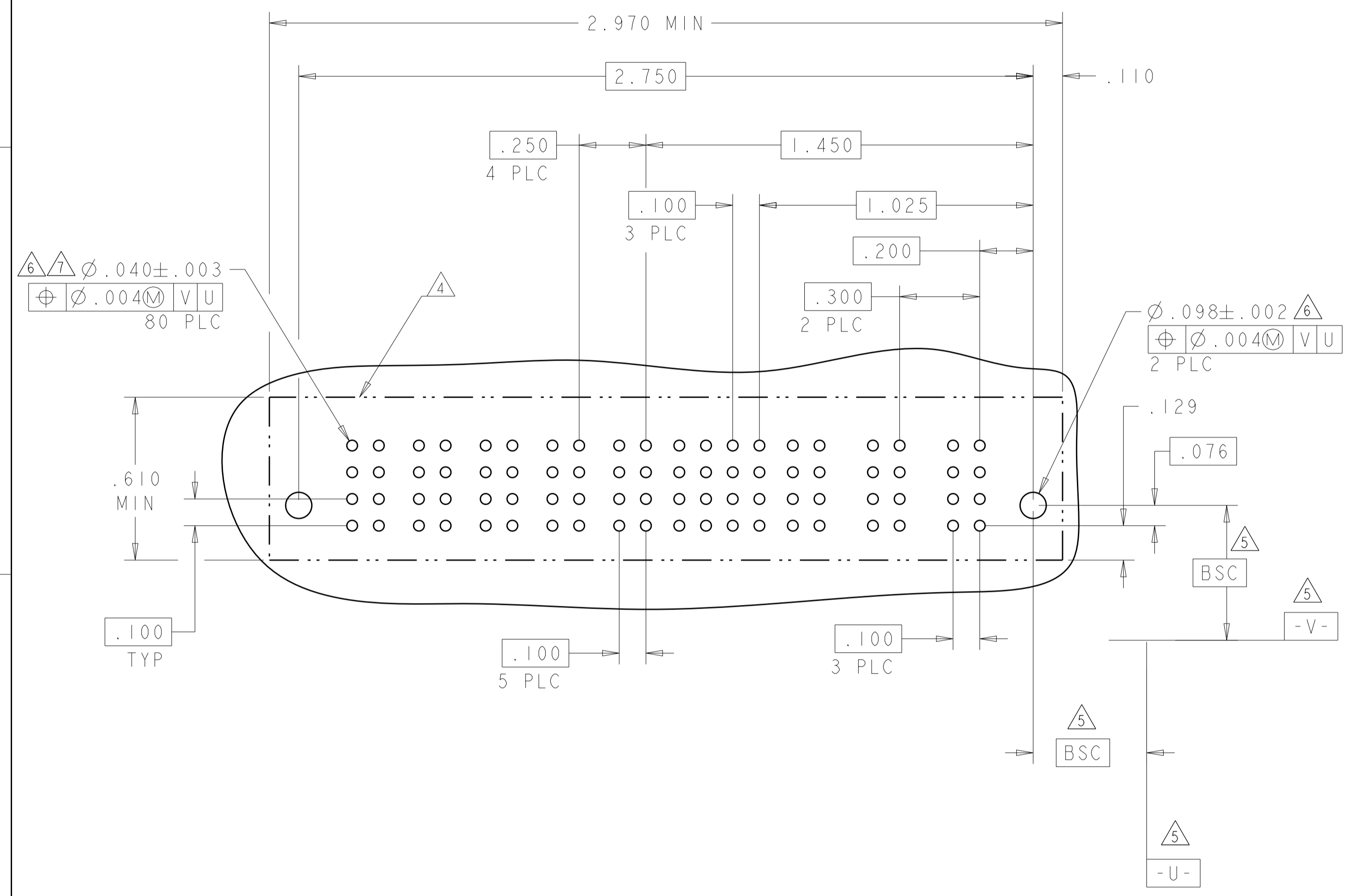
LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD		
-	-	SEE SHEET 1	-	-	-		

PART NUMBER	ROWS	POWER					SIGNAL				POWER		
		P8	P7	P6	P5	P4	4	3	2	1	P3	P2	P1
1-6450850-6	D						E	E	E	E			
	C	VA	VM	VM	VM	VA	E	E	E	E	VM	VM	VA
	B						E	E	E	E			
	A	HD					E	E	E	E			HD

3ACP + 16S + 5P

PART NUMBER	ROWS	POWER		SIGNAL		POWER	
		P2	2	1	P1		
1-6450850-7	D			E	E		
	C	VM		E	E	VM	
	B			E	E		
	A	HD		E	E	HD	

IP + 8S + IP



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN S. ZHAO 20SEP2007	TE Connectivity
DIMENSIONS: INCHES		CHK S. ZHAO 20SEP2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. YAO	NAME
0 PLC ± .01	1 PLC ± .01	PRODUCT SPEC	VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES
2 PLC ± .01	3 PLC ± .005	APPLICATION SPEC	MULTI-BEAM XLE
4 PLC ± .002	ANGLES ± .020	114-13038	SIZE CAGE CODE DRAWING NO
FINISH		WEIGHT	A100779C=6450850
		CUSTOMER DRAWING	RESTRICTED TO
		SCALE 4:1	SHEET 5 OF 8
			REV F

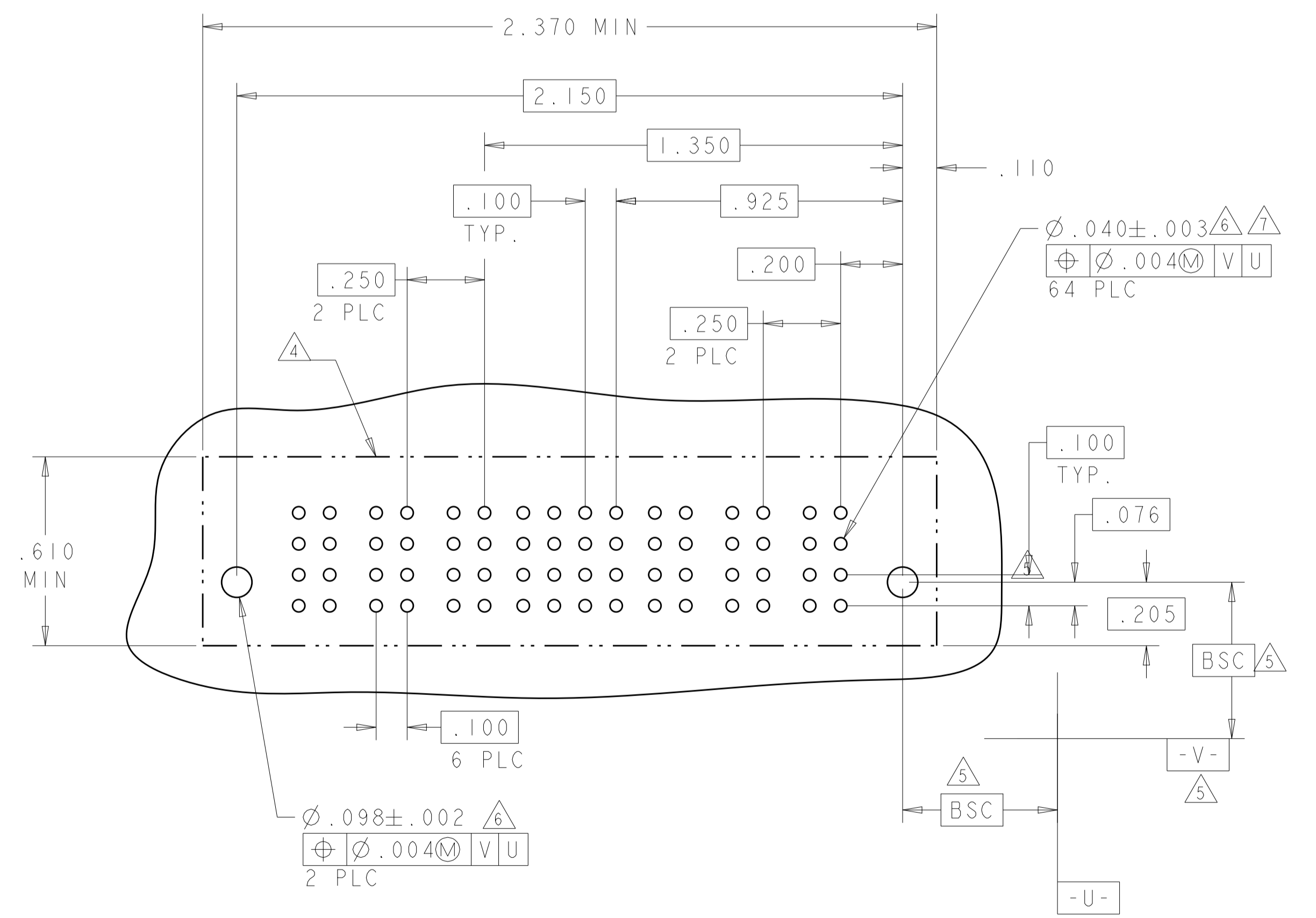
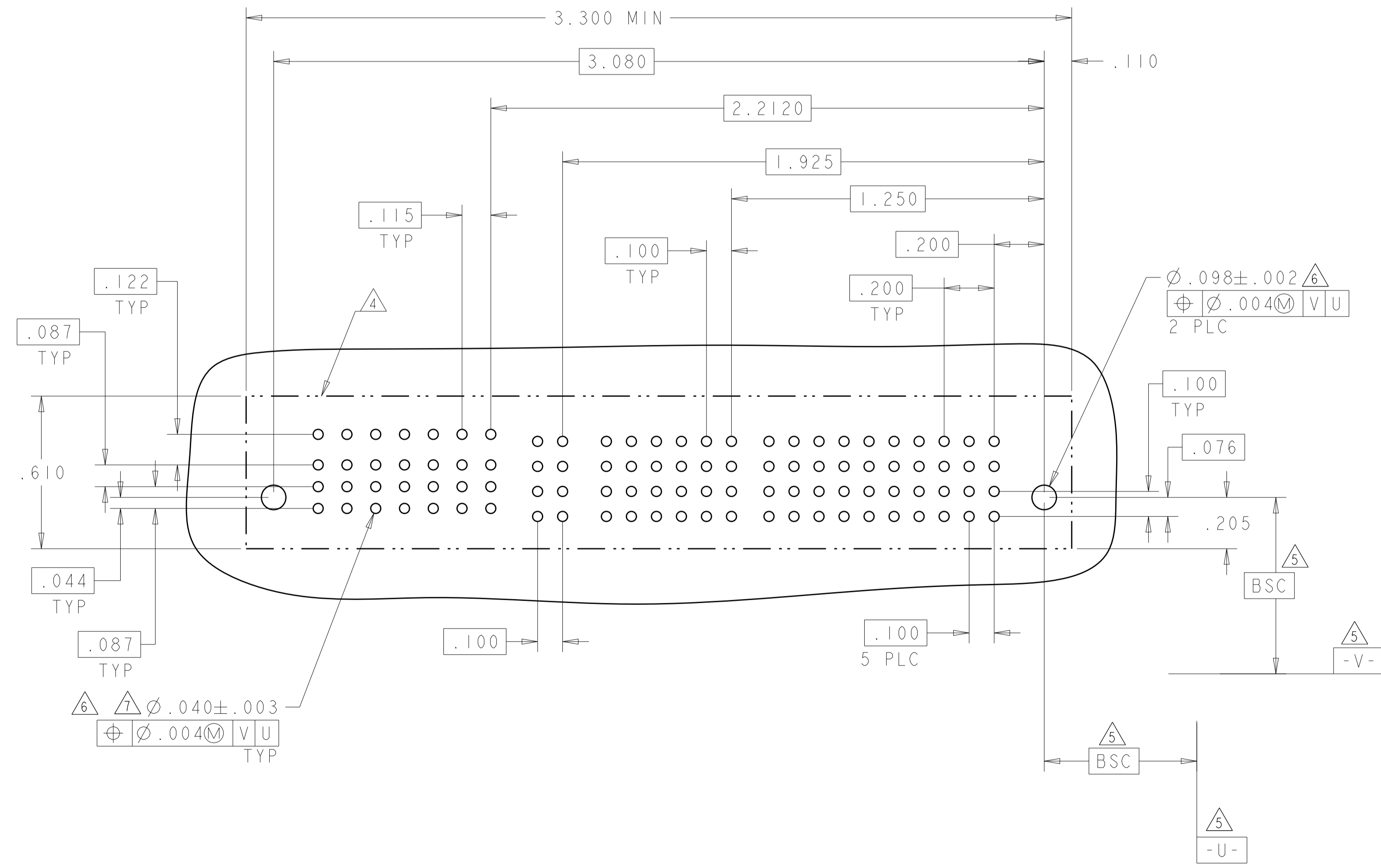
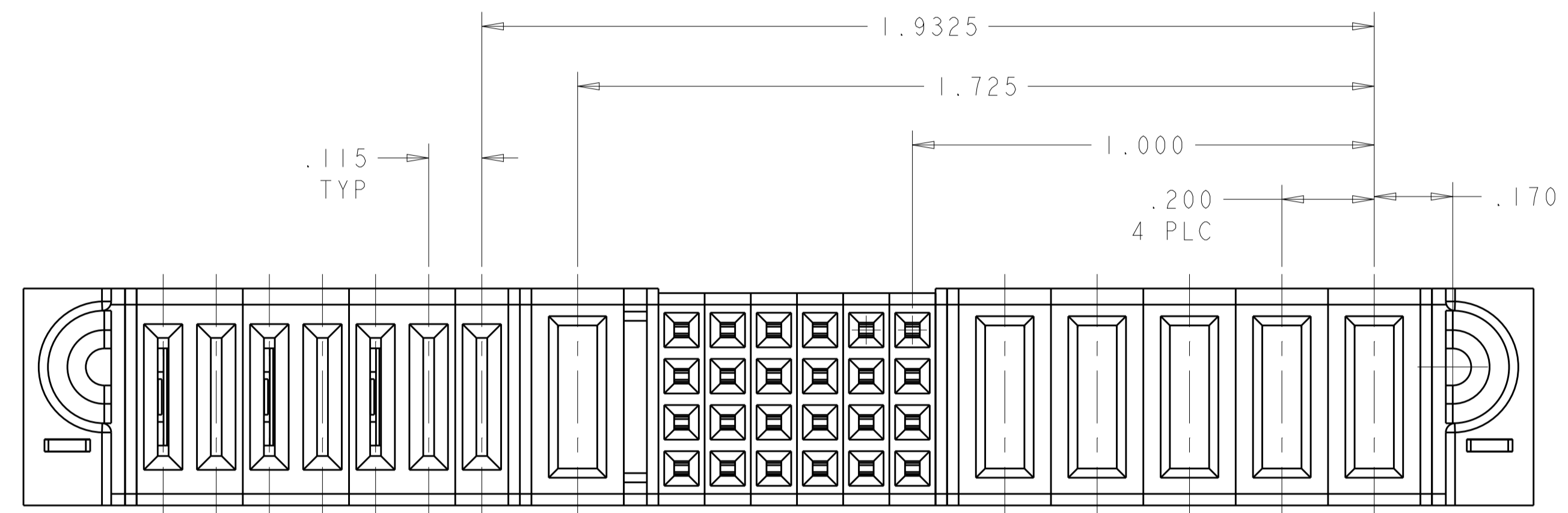
LOC		DIST		REVISIONS			
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
				SEE SHEET 1			

PART NUMBER	ROWS	LOW POWER						POWER	SIGNAL						POWER				
		LP7	LP6	LP5	LP4	LP3	LP2	LP1	P6	6	5	4	3	2	1	P5	P4	P3	P2
I-6450850-8	D								E	E	E	E	E	E					
	C	LM	LM	LM				VA	E	E	E	E	E	E	VM	VM		VM	VM
	B								E	E	E	E	E	E					
	A	HD							E	E	E	E	E	E					HD

5HDP + 24S + 1P + 7LP
 NO CONTACTS LOADED

PART NUMBER	ROWS	POWER			SIGNAL				POWER		
		P6	P5	P4	4	3	2	1	P3	P2	P1
I-6450850-9	D	VM	VM	VM	E	E	E	E	VM	VM	VM
	C				E	E	E	E			
	B				E	E	E	E			
	A	HD			E	E	E	E			HD

3P + 16S + 3P



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DMN: S. ZHAO 20SEP2007	CHK: S. ZHAO 20SEP2007	TE Connectivity
INCHES	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020	APVD: S. YAO	NAME: S. YAO	
MATERIAL:	FINISH:	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE
		WEIGHT:	RESTRICTED TO:	SIZE: A1 CAGE CODE: 6450850 DRAWING NO: 114-13038 CUSTOMER DRAWING
		SCALE: 4:1		SHEET 6 OF 8 REV F

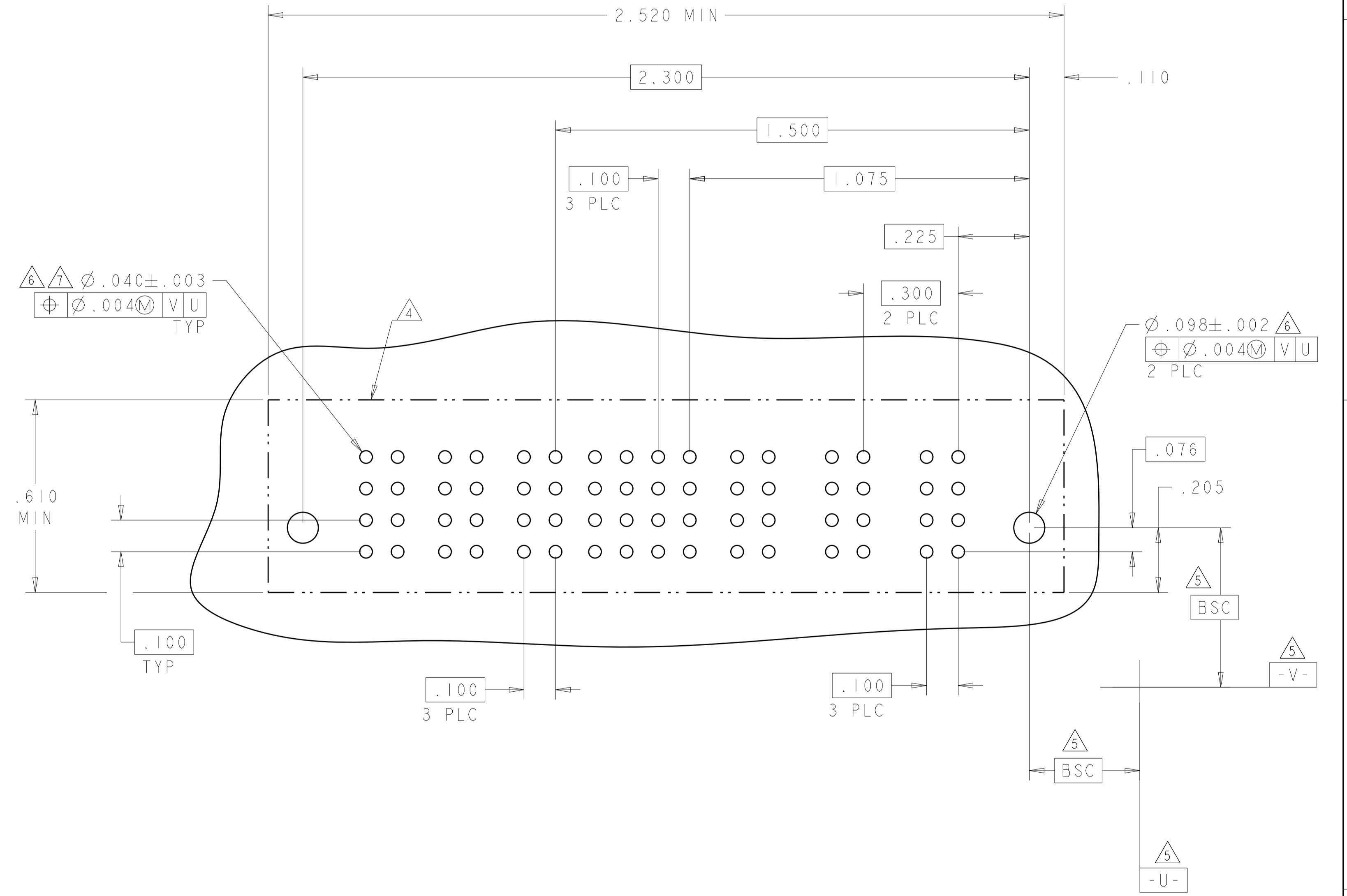
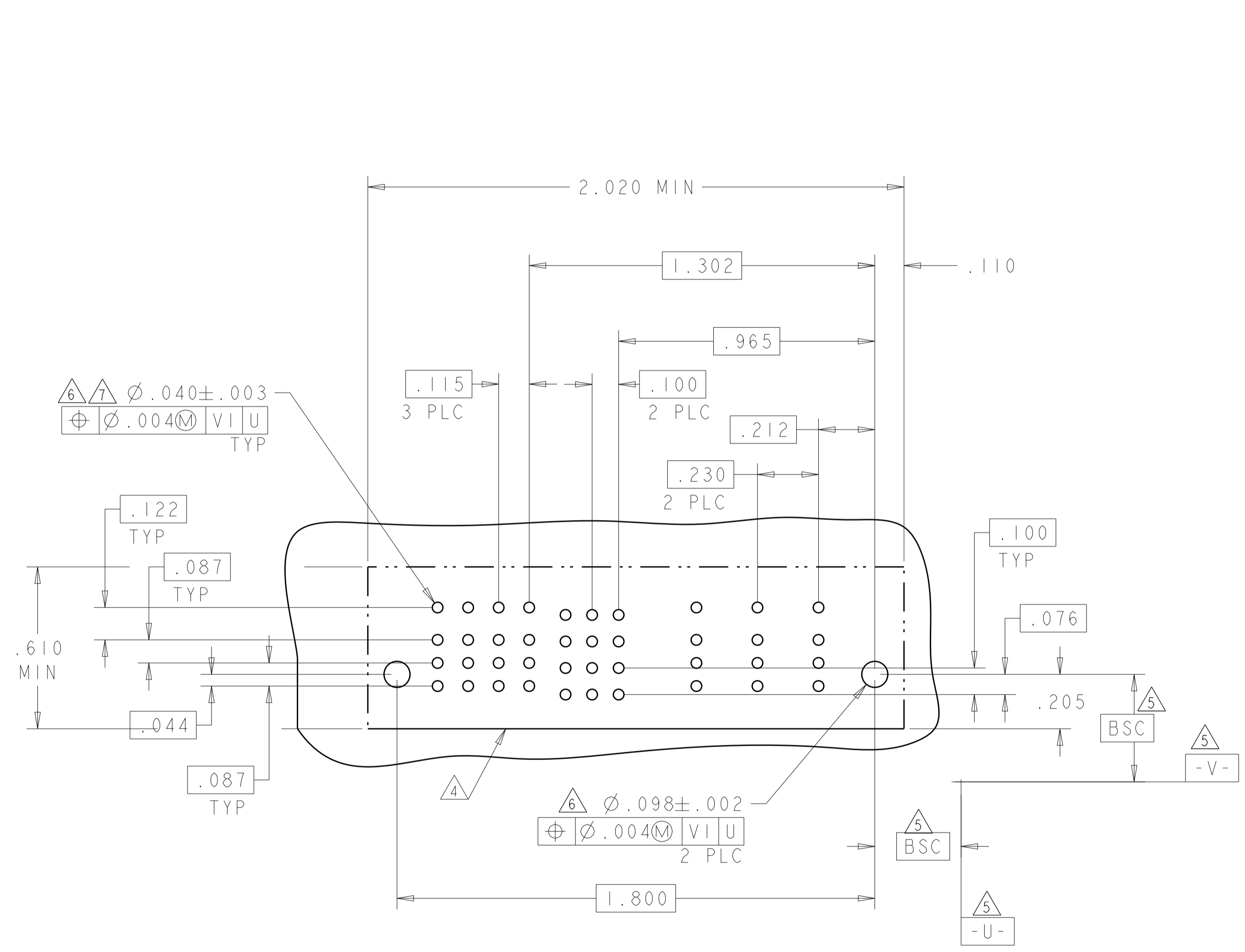
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	LOW POWER				SIGNAL			LOW POWER		
		LP7	LP6	LP5	LP4	3	2	1	LP3	LP2	LP1
2-6450850-0	D	LM	LM	LM	LM	E	E	E	LM	LM	LM
	C					E	E	E			
	B					E	E	E			
	A	HD				E	E	E			HD

3LP + 12S + 4LP

PART NUMBER	ROWS	POWER			SIGNAL				POWER		
		P6	P5	P4	4	3	2	1	P3	P2	P1
2-6450850-1	D	VA	VM	VA	E	E	E	E	VM	VM	VA
	C				E	E	E	E			
	B				E	E	E	E			
	A	HD			E	E	E			HD	

3ACP + 16S + 3P



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°	FINISH	DMN S. ZHAO 20SEP2007 CHK S. ZHAO 20SEP2007 APVD S. YAO	NAME PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT	RESTRICTED TO
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STE TE Connectivity

VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE

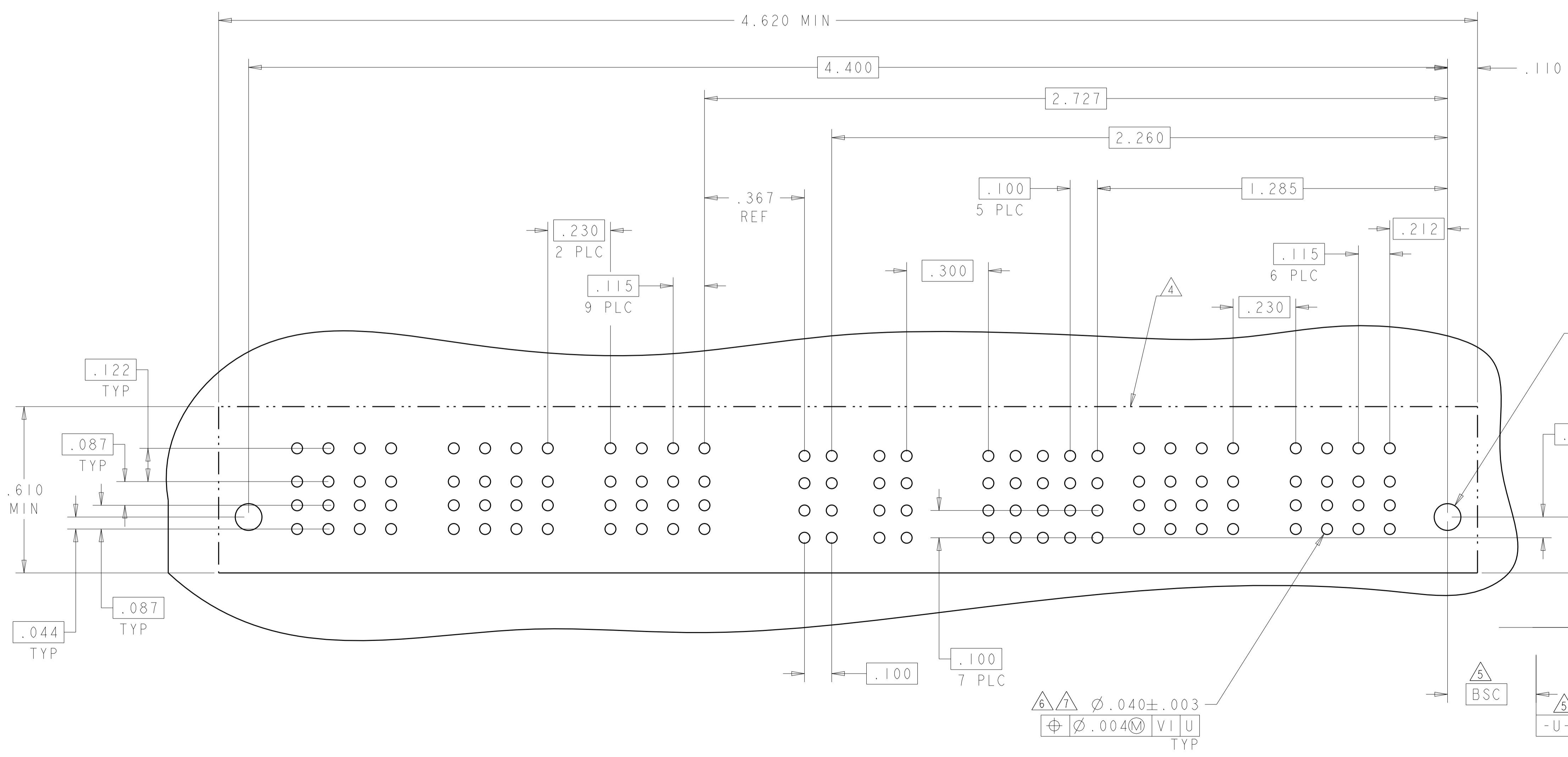
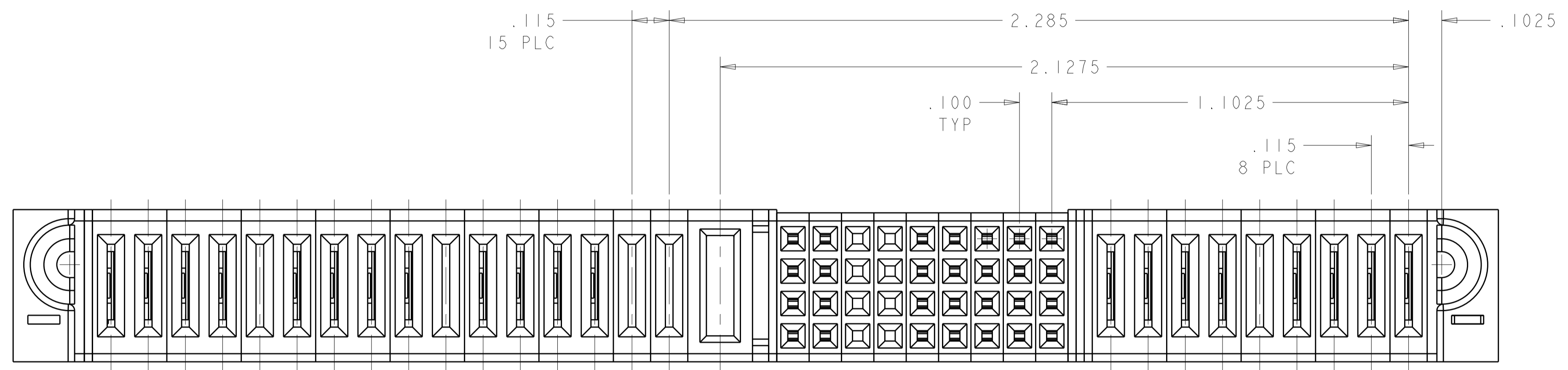
SIZE CAGE CODE DRAWING NO. RESTRICTED TO
A100779C=6450850

CUSTOMER DRAWING SCALE 4:1 SHEET 7 OF 8 REV F

LOC	DIST	REV	DATE	BY	APPV
ES	00				
REVISIONS					
DESCRIPTION			DATE	BY	APPV
SEE SHEET 1					

PART NUMBER	ROWS	LOW POWER														POWER	SIGNAL									LOW POWER																		
		LP25	LP24	LP23	LP22	LP21	LP20	LP19	LP18	LP17	LP16	LP15	LP14	LP13	LP12	LP11	LP10	P1	9	8	7	6	5	4	3	2	1	LP9	LP8	LP7	LP6	LP5	LP4	LP3	LP2	LP1								
2-6450850-2	D																	VA	E	E	E	E	E	E	E	E	E																	
	C	LM	LM	LM	LM	LM	LM	LM	LM	LM	LM	LM	LM	LM	LM	LM		E	E	E	E	E	E	E	E	E									LM	LM	LM	LM	LM	LM	LM	LM	LM	LM
	B																	E	E	E	E	E	E	E	E	E																		
	A																	E	E	E	E	E	E	E	E	E																		
9LP + 36S + 1P + 16LP																																												

NO CONTACTS LOADED NO CONTACTS LOADED NO CONTACT LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: S. ZHAO 20SEP2007	TE Connectivity VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE
DIMENSIONS: INCHES		CHK: S. ZHAO 20SEP2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: S. YAO	NAME: VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE
0 PLC ±.01	1 PLC ±.01	PRODUCT SPEC 108-1973	SIZE: A100779
2 PLC ±.01	3 PLC ±.005	APPLICATION SPEC 114-13038	CAGE CODE: 6450850
4 PLC ±.0020	ANGLES ±.020	WEIGHT	RESTRICTED TO
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE: 4:1 SHEET 8 OF 8 REV F