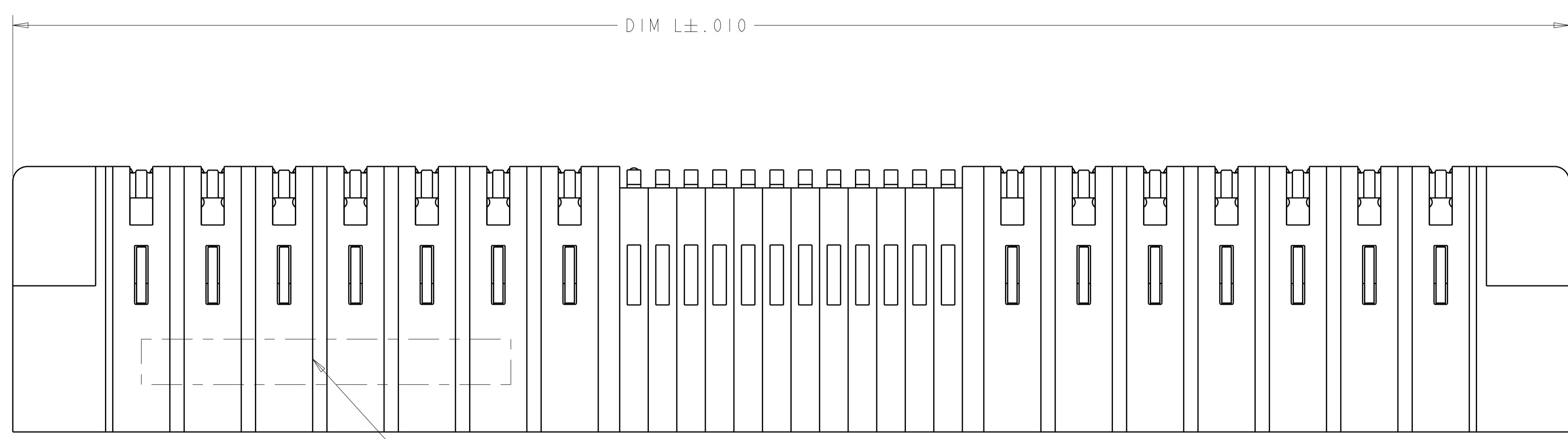
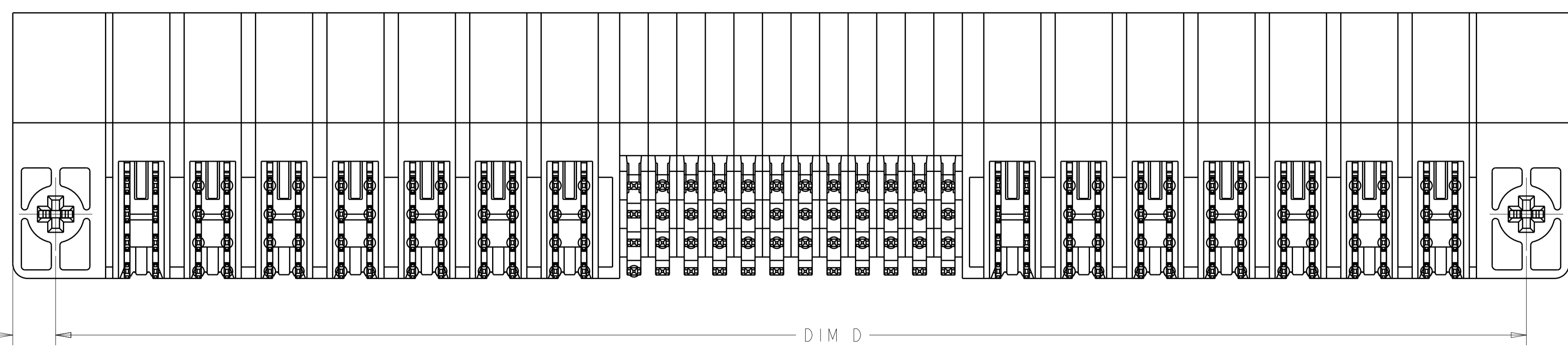
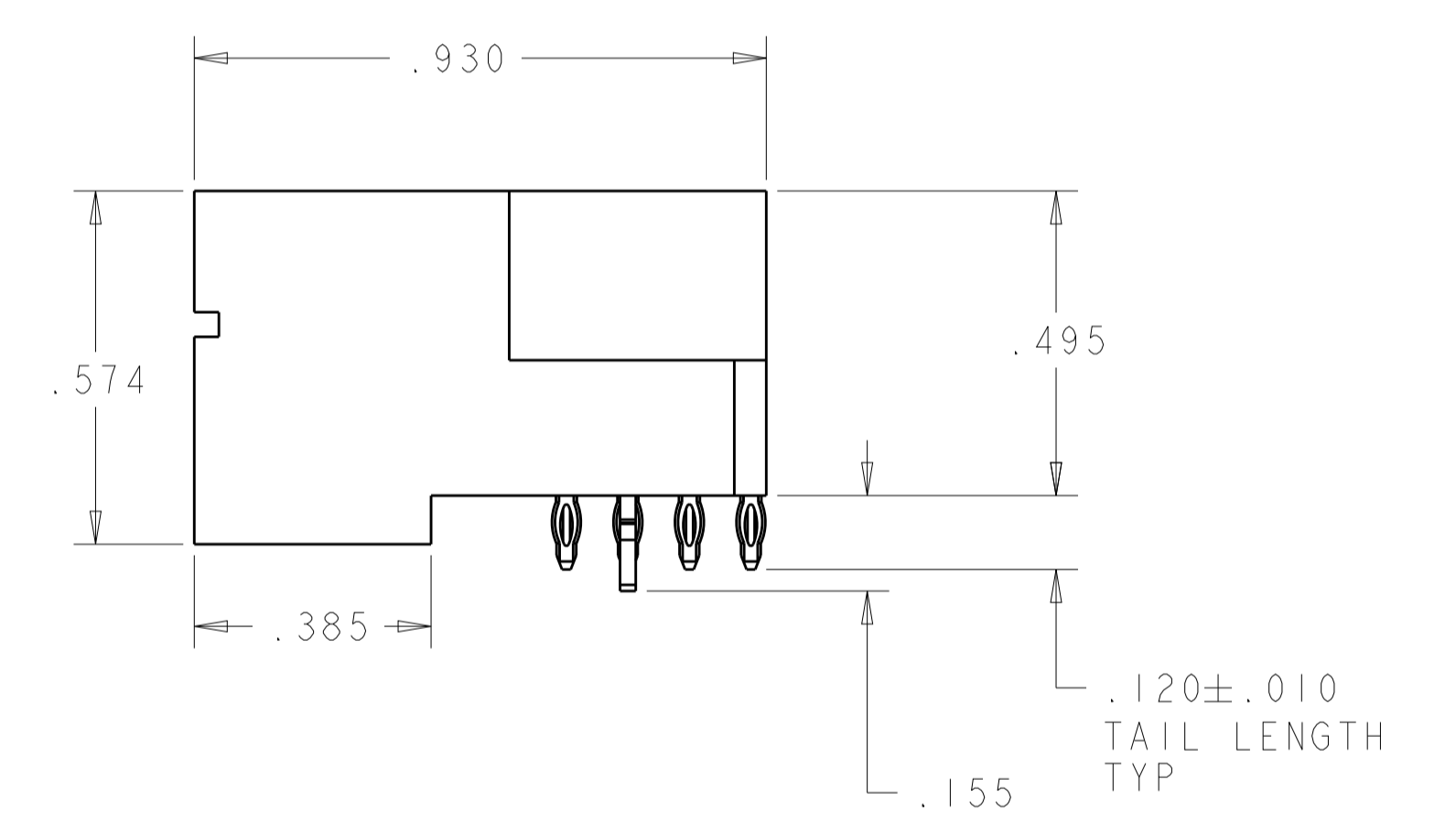
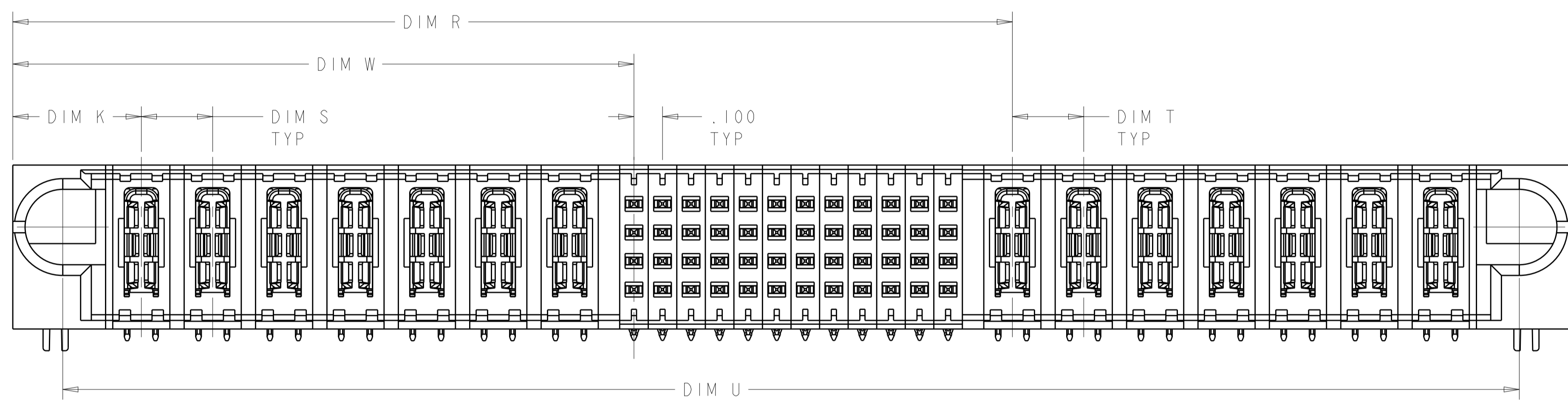


LOC		DIST		REVISIONS			
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		A3		REV PER ECR-13-004638	20MAR2013	ML	SZ
		A3		-	-	-	-
		A3		-	-	-	-



- ⚠ DIM S IS CENTERLINE SPACING OF POWER MODULES ON LEFT SIDE OF HOUSING.
- ⚠ DIM T IS CENTERLINE SPACING OF POWER MODULES ON RIGHT SIDE OF HOUSING.
- ⚠ THE MAXIMUM OVERALL LENGTH OF A PART IS 8.00.
- ⚠ PART NUMBER, AND DATE CODE MARKED IN AREA SHOWN. MARKING ON BOTH SIDES PERMITTED FOR PARTS UNDER 2.00 LONG.
- ⚠ MATERIAL:  
HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0  
SIGNAL CONTACT - COPPER ALLOY  
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- ⚠ CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
- ⚠ MECHANICAL CONNECTOR KEEP OUT ZONE.
- ⚠ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- ⚠ PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- ⚠ PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 HOLE.
- ⚠ THE SPECIAL DIMENSION ONLY FOR PART NUMBER 1892130-2 (SEE SHEET 2)



5.100	5.150	.250	.250	2.375	3.250	.450	5.450	8P + 32S + 8P	1892130-4
1.800	1.850	-	-	1.700	.625	.450	2.150	1P + 40S + 1P	1892130-3
7.600	7.650	.200	.200	4.725	4.175	2.025	7.950	64S+11HDP+20S+15HDP	1892130-2
5.100	5.150	.250	.250	3.500	2.175	.450	5.450	7P + 48S + 7P	1892130-1
DIM U	DIM D	DIM T	DIM S	DIM R	DIM W	DIM K	DIM L	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DMN: D\_ZHU 16NOV2007  
CHK: SUNY\_ZHAO 16NOV2007  
APVD: SUNY\_ZHAO 16NOV2007

**STE** TE Connectivity

NAME: RIGHT ANGLE HEADER ASSEMBLY PRESS FIT CONTACT, W/ GUIDES MULTI-BEAM XLE

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

SIZE: A1 CAGE CODE: 1892130 DRAWING NO: 1892130-4  
RESTRICTED TO: 5

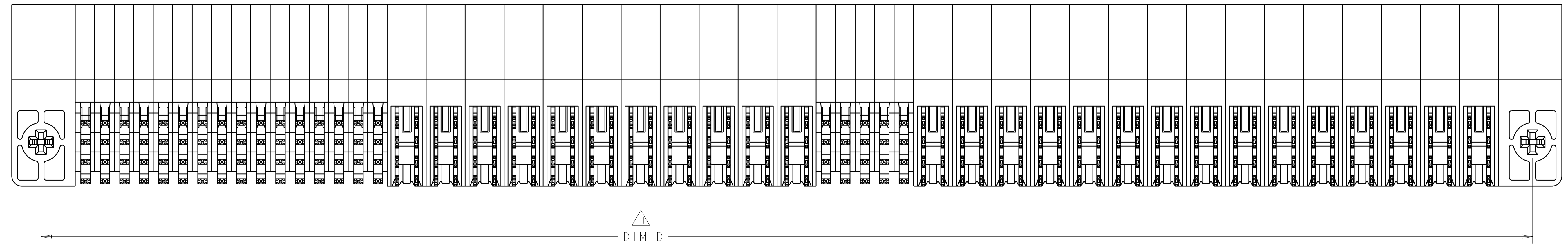
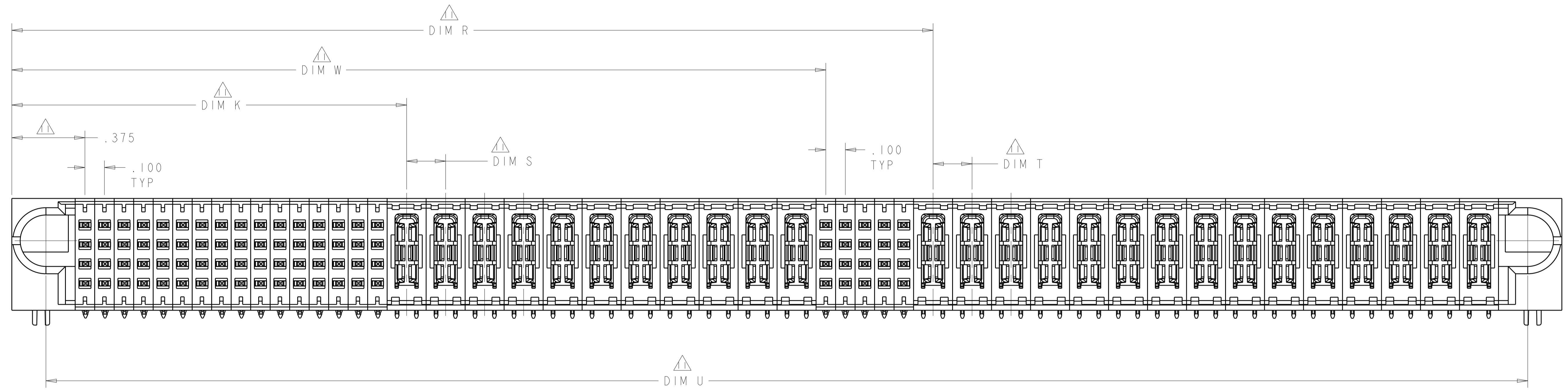
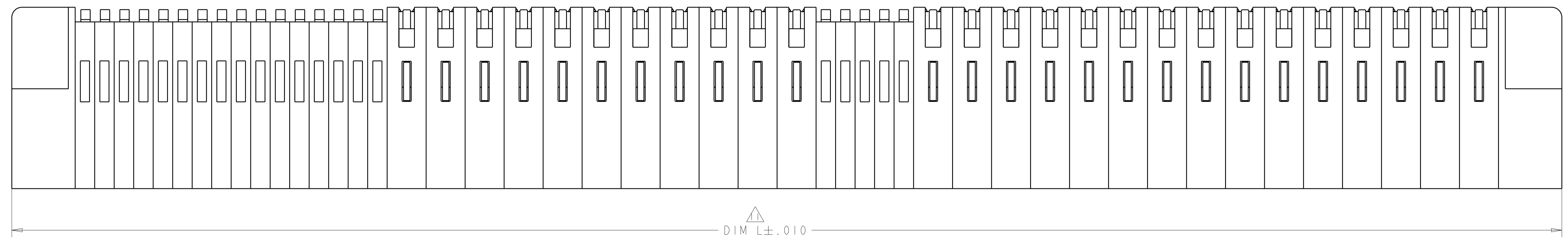
MATERIAL: 5 FINISH: 6

CUSTOMER DRAWING SCALE: 4:1 SHEET 1 OF 5 REV: A3

LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS		DATE	BY	APPV
	SEE SHEET 1			

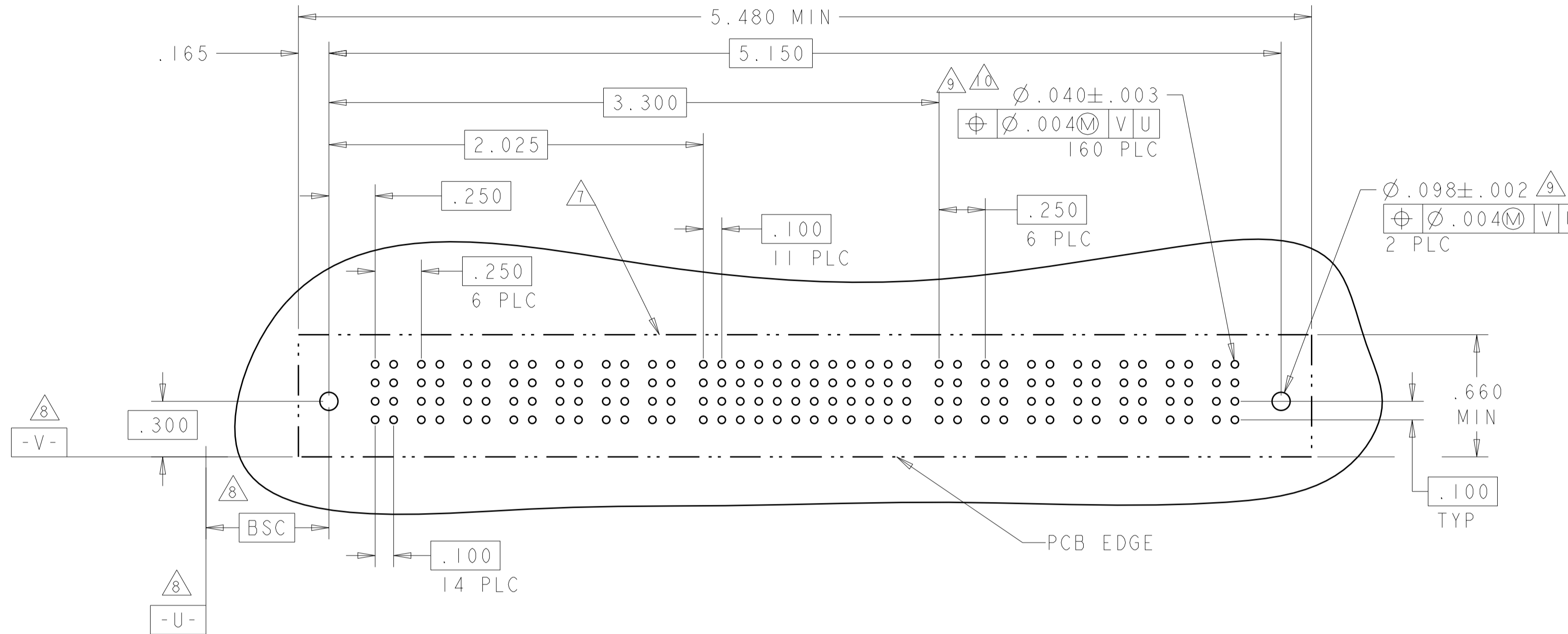


PART NUMBER 1892130-2  
 UNSPECIFIED DIMENSION REFER TO SHEET 1

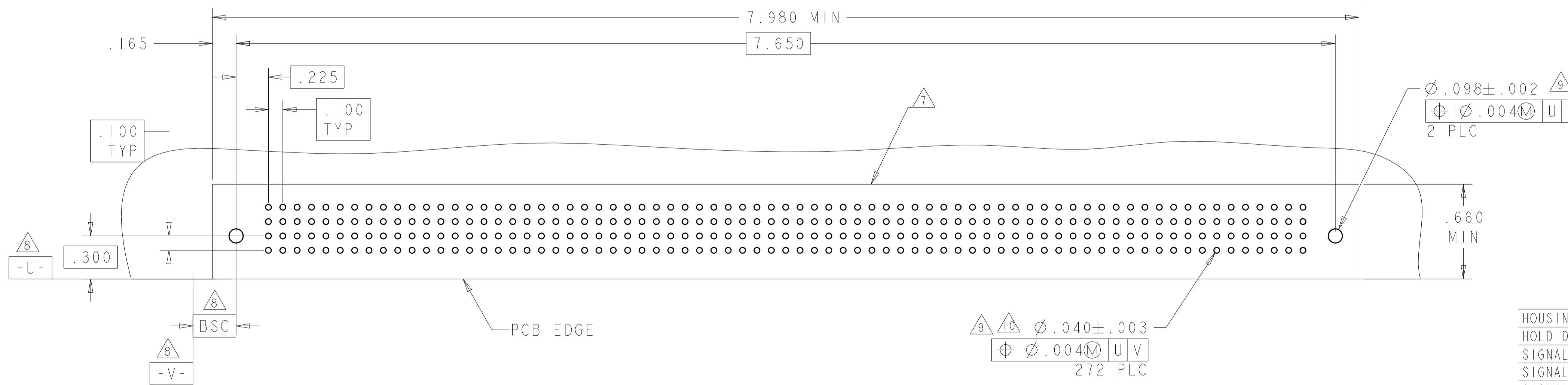
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: D_ZHU 16NOV2007	TE Connectivity NAME: RIGHT ANGLE HEADER ASSEMBLY PRESS FIT CONTACT, W/ GUIDES MULTI-BEAM XLE
DIMENSIONS: INCHES		CHK: SUNY_ZHAO 16NOV2007	
0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±0.0020 ANGLES ±.7°		APVD: SUNY_ZHAO 16NOV2007	
MATERIAL: - FINISH: -		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	
CUSTOMER DRAWING		SIZE: A1	RESTRICTED TO: -
		SCALE: 1:1	SHEET 2 OF 5
		REV: A3	

LOC	DIST	REVISIONS		
ES	00	REV	DATE	BY
		SEE SHEET 1	-	-

PART NUMBER	ROWS	POWER						SIGNAL												POWER											
		PI	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	7	8	9	10	11	12	P8	P9	P10	P11	P12	P13	P14				
1892130-1	D	TT	TT	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	TT	TT	TT	TT	TT	TT	TT				
	C							Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5							
	B							R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5						
		A	HD							O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5							
				7P + 48S + 7P																											



PART NUMBER	ROWS	SIGNAL																POWER							SIGNAL											POWER													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	PI	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	17	18	19	20	21	PI2	PI3	PI4	PI5	PI6	PI7	PI8	PI9	P20	P21	P22	P23	P24	P25	P26	
1892130-2	D	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5																		
	C	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5											Y5	Y5	Y5	Y5	Y5																		
	B	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5											R5	R5	R5	R5	R5																		
	A	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5											O5	O5	O5	O5	O5																		
		HD		64S+11HDP+20S+15HDP																																			HD										

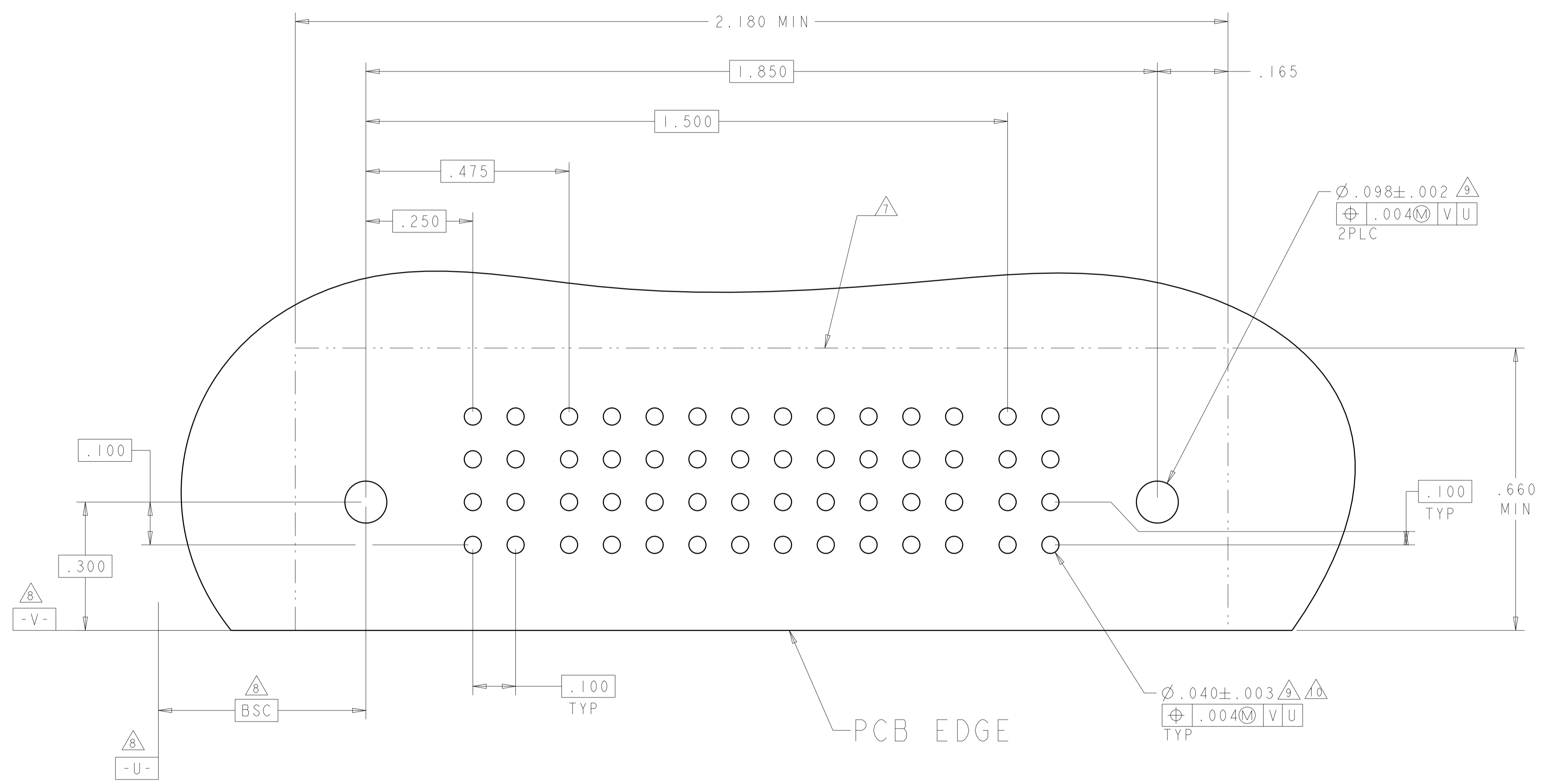


HOUSING, RIGHT ANGLE HEADER, MULTI-BEAM XL	HOUSING
HOLD DOWN	HD
SIGNAL CONTACT, R/A HDR, MLBF, MB XL, ROW C, PRESS FIT	F
SIGNAL CONTACT, R/A HDR, STD, MB XL, ROW D, PRESS FIT	Z5
SIGNAL CONTACT, R/A HDR, STD, MB XL, ROW C, PRESS FIT	Y5
SIGNAL CONTACT, R/A HDR, STD, MB XL, ROW B, PRESS FIT	R5
SIGNAL CONTACT, R/A HDR, STD, MB XL, ROW A, PRESS FIT	O5
POWER CONTACT, R/A HDR, STD, MB XL, 3 BEAMS, PRESS FIT	TT
DESCRIPTION	IDENTIFIER

THIS DRAWING IS A CONTROLLED DOCUMENT.			OWN	D. ZHU	16NOV2007
			CHK	SUNY ZHAO	16NOV2007
			APP'D	SUNY ZHAO	16NOV2007
DIMENSIONS: INCHES			TOLERANCES UNLESS OTHERWISE SPECIFIED:		
$\phi$ 0 PLC $\pm .01$ $\phi$ 2 PLC $\pm .01$ $\phi$ 3 PLC $\pm .005$ $\phi$ 4 PLC $\pm .002$ ANGLES $\pm .07^\circ$			PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT CUSTOMER DRAWING		
MATERIAL			SIZE	CAGE CODE DRAWING NO	
			A1	C-1892130	
			SCALE 4:1 SHEET 3 OF 5 REV A.3		

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

PART NUMBER	ROWS	POWER		SIGNAL										POWER		
		PI	P2	1	2	3	4	5	6	7	8	9	10	P1	P2	
1892130-3	D	PM	HD	J	J	J	J	J	J	J	J	J	J	J	PM	HD
	C			K	K	K	F	K	K	K	K	K	K			
	B			N	N	N	N	N	N	N	N	N	N	N		
	A			S	S	S	S	S	S	S	S	S	S	S		
IP + 40S + IP																

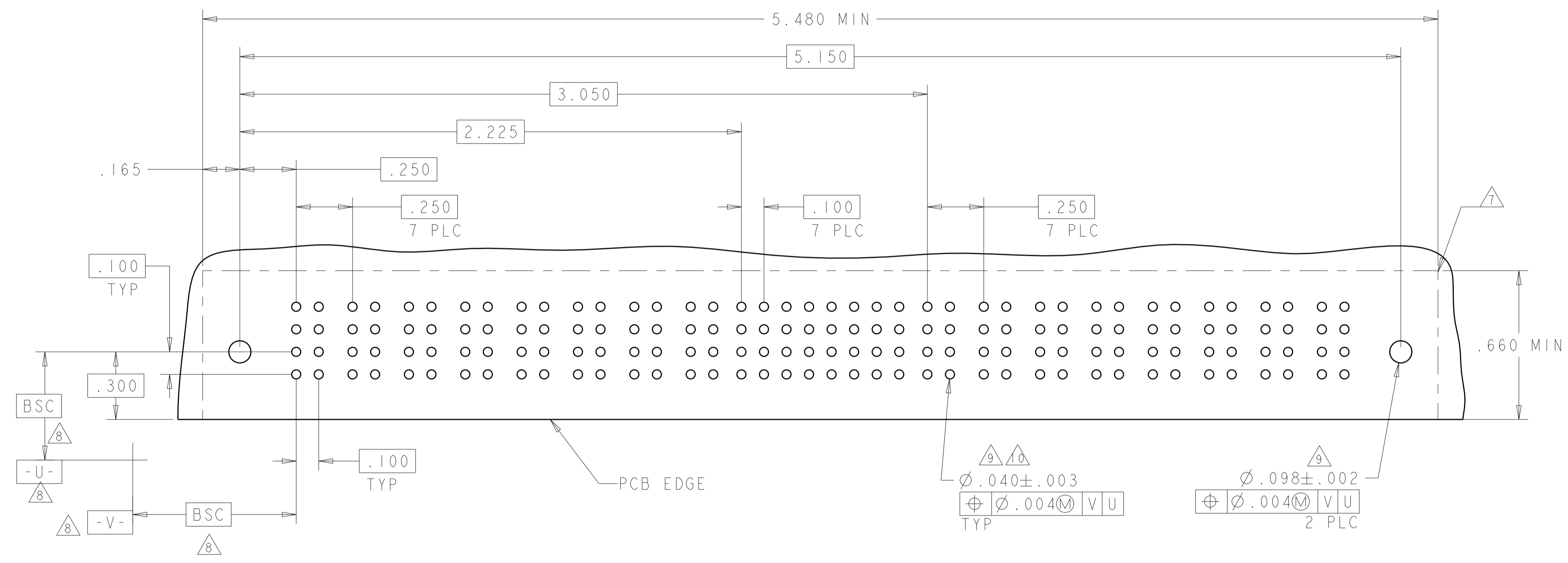


TE RECOMMENDED PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: D_ZHU 16NOV2007	 TE Connectivity
DIMENSIONS: INCHES		CHK: SUNY_ZHAO 16NOV2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SUNY_ZHAO 16NOV2007	NAME: RIGHT ANGLE HEADER ASSEMBLY PRESS FIT CONTACT, W/ GUIDES MULTI-BEAM XLE
0 PLC ±.010 1 PLC ±.010 2 PLC ±.005 3 PLC ±.005 4 PLC ±0.0020 ANGLES ±.7°		PRODUCT SPEC: 108-1973	RESTRICTED TO: A1
MATERIAL: -		APPLICATION SPEC: 114-13038	SIZE: C=1892130
FINISH: -		WEIGHT: -	SCALE: 1:1
		CUSTOMER DRAWING	SHEET 4 OF 5

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

PART NUMBER	ROWS	POWER							SIGNAL								POWER												
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	7	8	P9	P10	P11	P12	P13	P14	P15	P16				
1892130-4	D								Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5													
	C	TT	TT	TT	TT	TT	TT	TT	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5													
	B								R5	R5	R5	R5	R5	R5	R5	R5													
	A	HD							O5	O5	O5	O5	O5	O5	O5	O5													
8P + 32S + 8P																													



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: DENNY ZHU 16NOV2007													
DIMENSIONS: INCHES		CHK: SUNY ZHAO 16MOV2007													
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SUNY ZHAO 16MOV2007	NAME: RIGHT ANGLE HEADER ASSEMBLY PRESS FIT CONTACT, W/ 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>±.2°</td></tr> </table>		0 PLC	±	1 PLC	±.01	2 PLC	±.01	3 PLC	±.005	4 PLC	±.0020	ANGLES	±.2°	PRODUCT SPEC: 108-1973	RESTRICTED TO: -
0 PLC	±														
1 PLC	±.01														
2 PLC	±.01														
3 PLC	±.005														
4 PLC	±.0020														
ANGLES	±.2°														
MATERIAL: -		APPLICATION SPEC: 114-13038	SIZE: A100779												
FINISH: -		WEIGHT: -	CAGE CODE: 1892130												
CUSTOMER DRAWING		SCALE: 4:1	SHEET 5 OF 5 REV: A3												