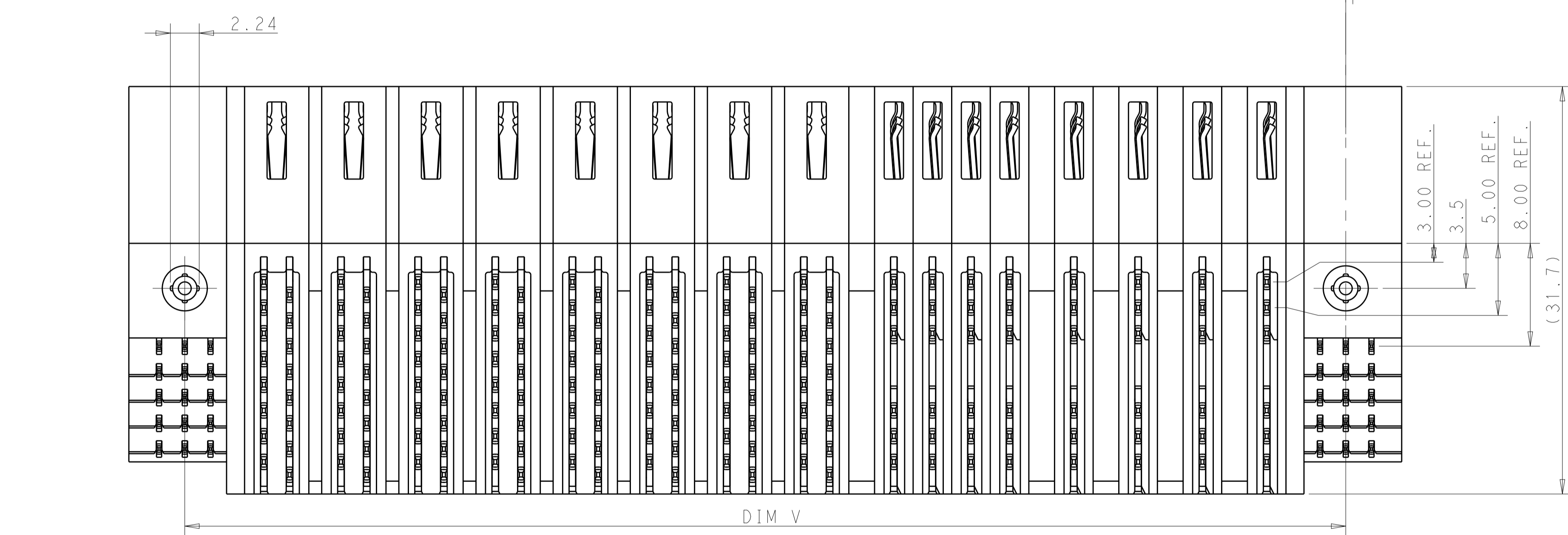
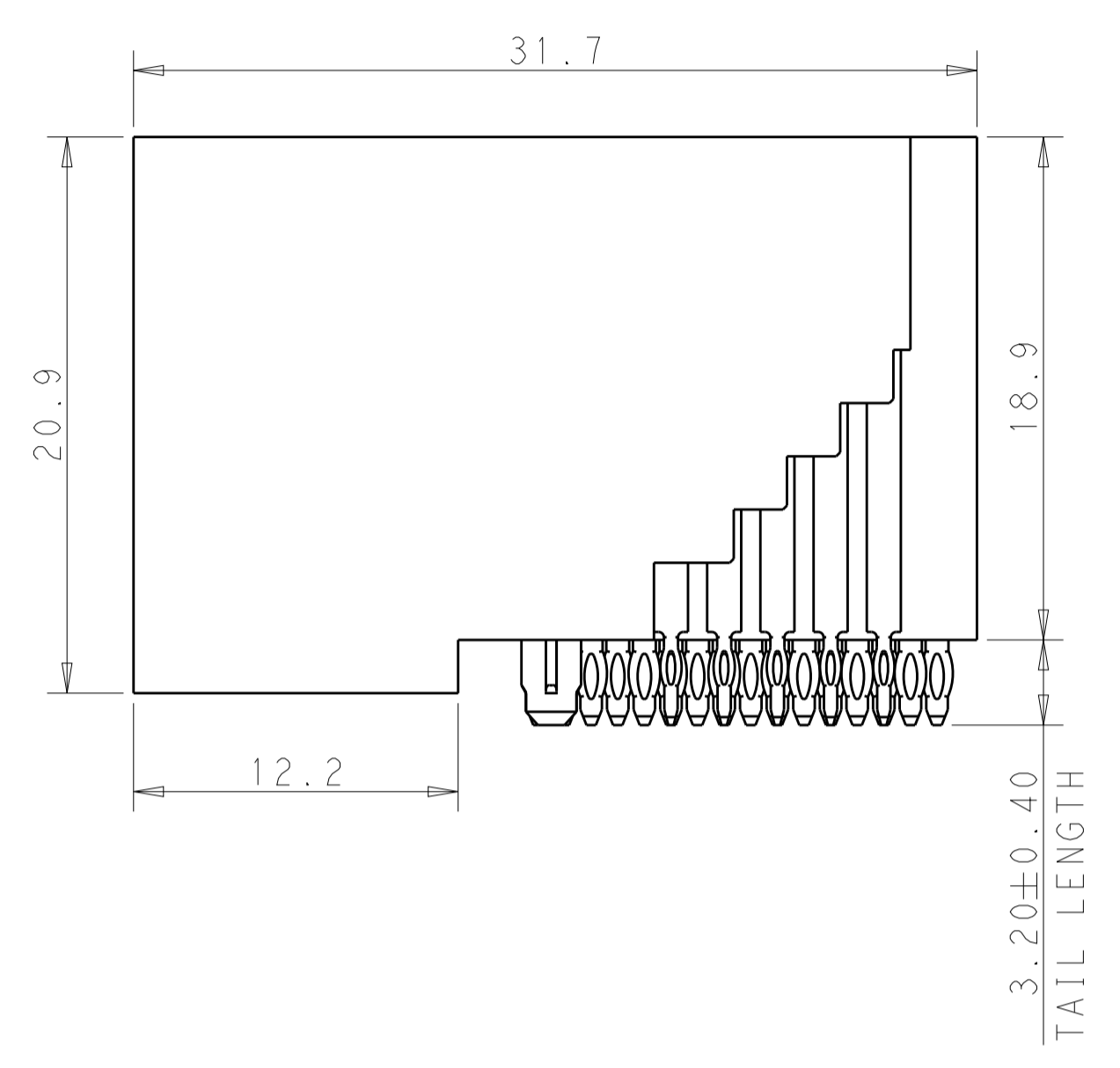
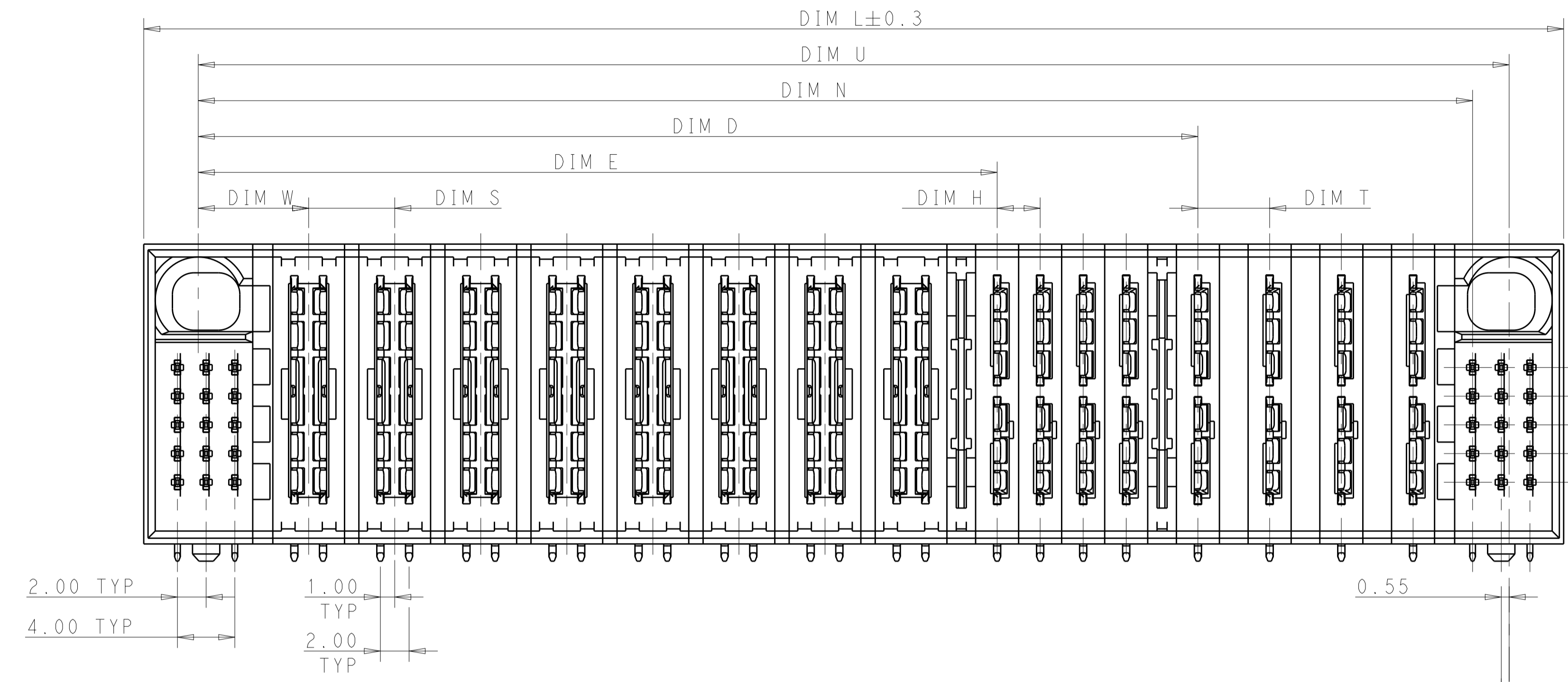
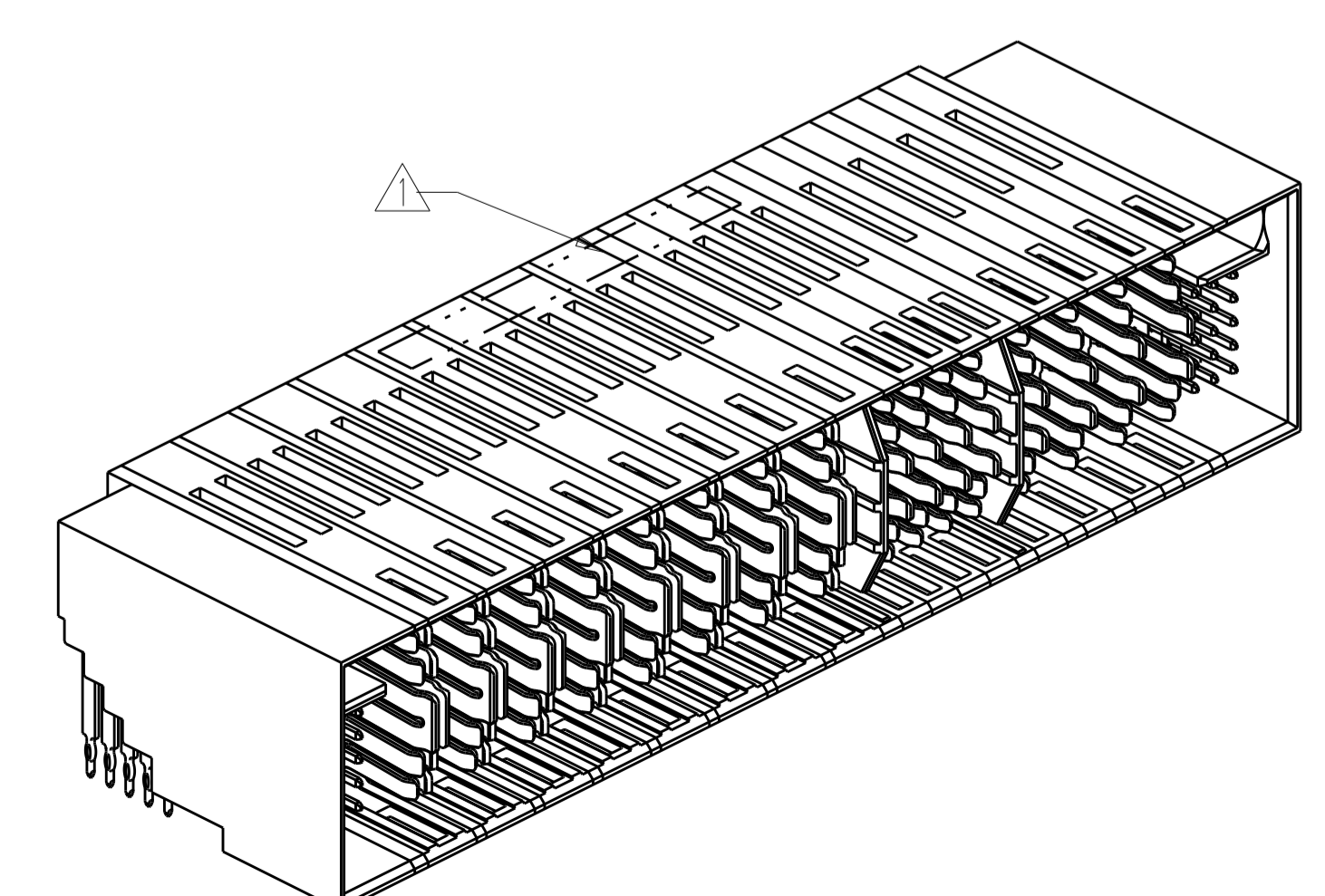


REVISONS		DATE	DWN	APVD
P	LTM			
A	RELEASED DRAWING	26FEB2016	TZ	SZ



- NOTES, UNLESS OTHERWISE SPECIFIED:
- ▲ "TE", PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN.
  - ▲ MATERIAL:
    - HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, COLOR: BLACK, UL94 V- 0.
    - SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
    - POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
  - ▲ CONTACT PLATING:
    - MATING AREA - NOBLE METAL OVERALL NICKEL
    - TAIL SIDE AREA - MATTE TIN OVERALL NICKEL.
  - ▲ MECHANICAL CONNECTOR KEEP OUT ZONE.
  - ▲ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
  - ▲ PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
  - ▲ PCB HOLE:
    - POWER - 1.15±0.025 MM DRILLED HOLES SIZE PLATING WITH 0.0076 MM MIN. Sn OVER 0.025-0.076 MM Cu PLATING TO ACHIEVE A 1.02 MM DIA. HOLE.
    - SIGNAL - 0.835±0.025 MM DRILLED HOLES SIZE PLATING WITH 0.0076 MM MIN. Sn OVER 0.025-0.076 MM Cu PLATING TO ACHIEVE A 0.72 MM DIA. HOLE.
  - ▲ CONFIGURATION "S+LP+P+S" REFER TO THE VIEW OF SHEET 2



53.00	45.40	42.85	/	38.70	/	7.70	5.00	/	44.30	15S+6P+2LP+15S	2204442-3
58.00	50.40	47.85	/	17.70	/	6.70	5.00	5.00	49.30	15S+4VLP+6P+15S	2204442-2
99.00	91.40	88.85	69.70	55.70	3.00	7.70	6.00	5.00	90.30	15S+8VP+8LP+8VLP+15S	2204442-1
DIM L	DIM U	DIM N	DIM D	DIM E	DIM H	DIM W	DIM S	DIM T	DIM V	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±0.4
1 PLC	±0.4
2 PLC	±0.25
3 PLC	±0.15
4 PLC	±0.1
ANGLES	±0.1

MATERIAL: 2 FINISH: 3

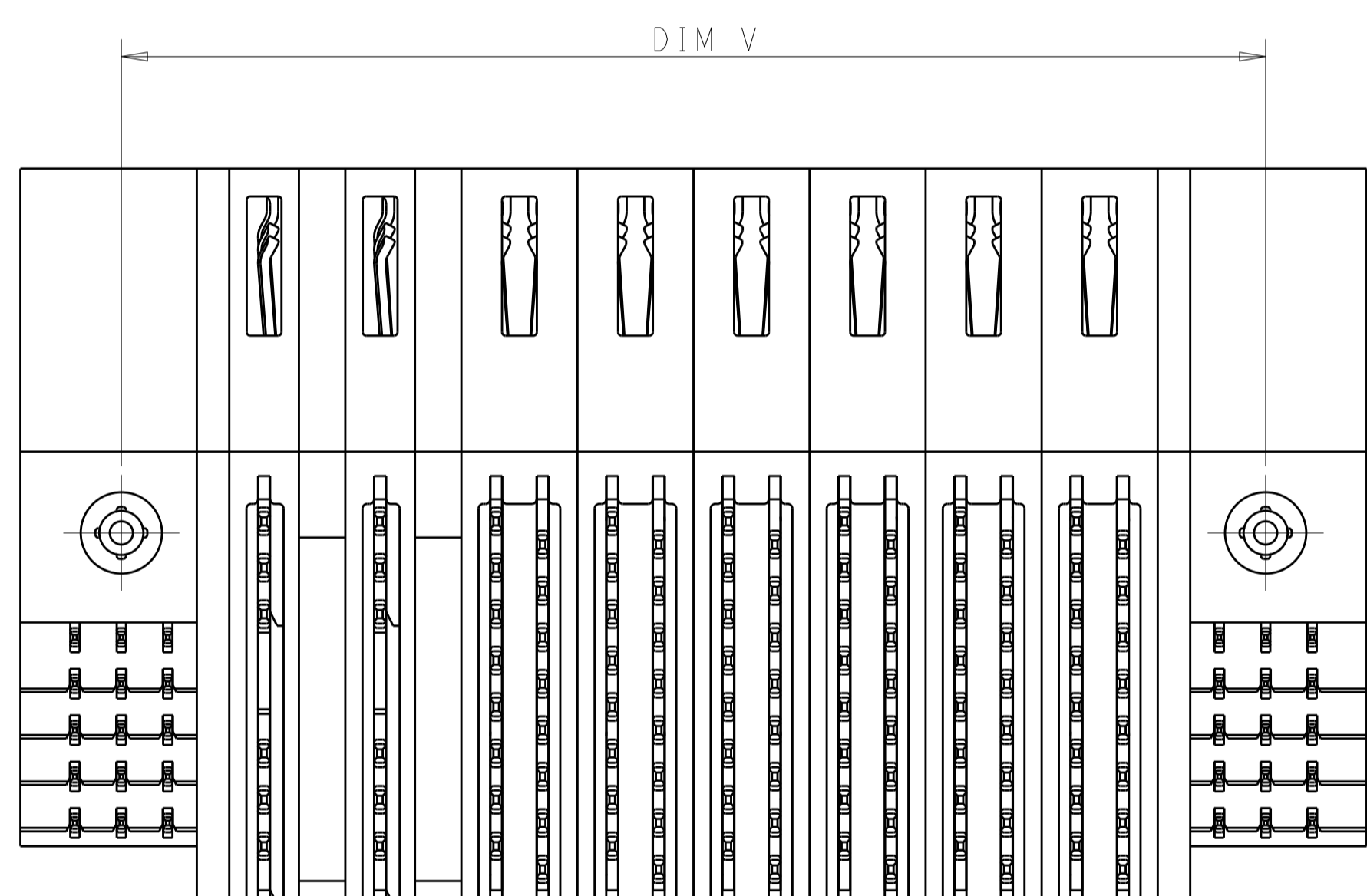
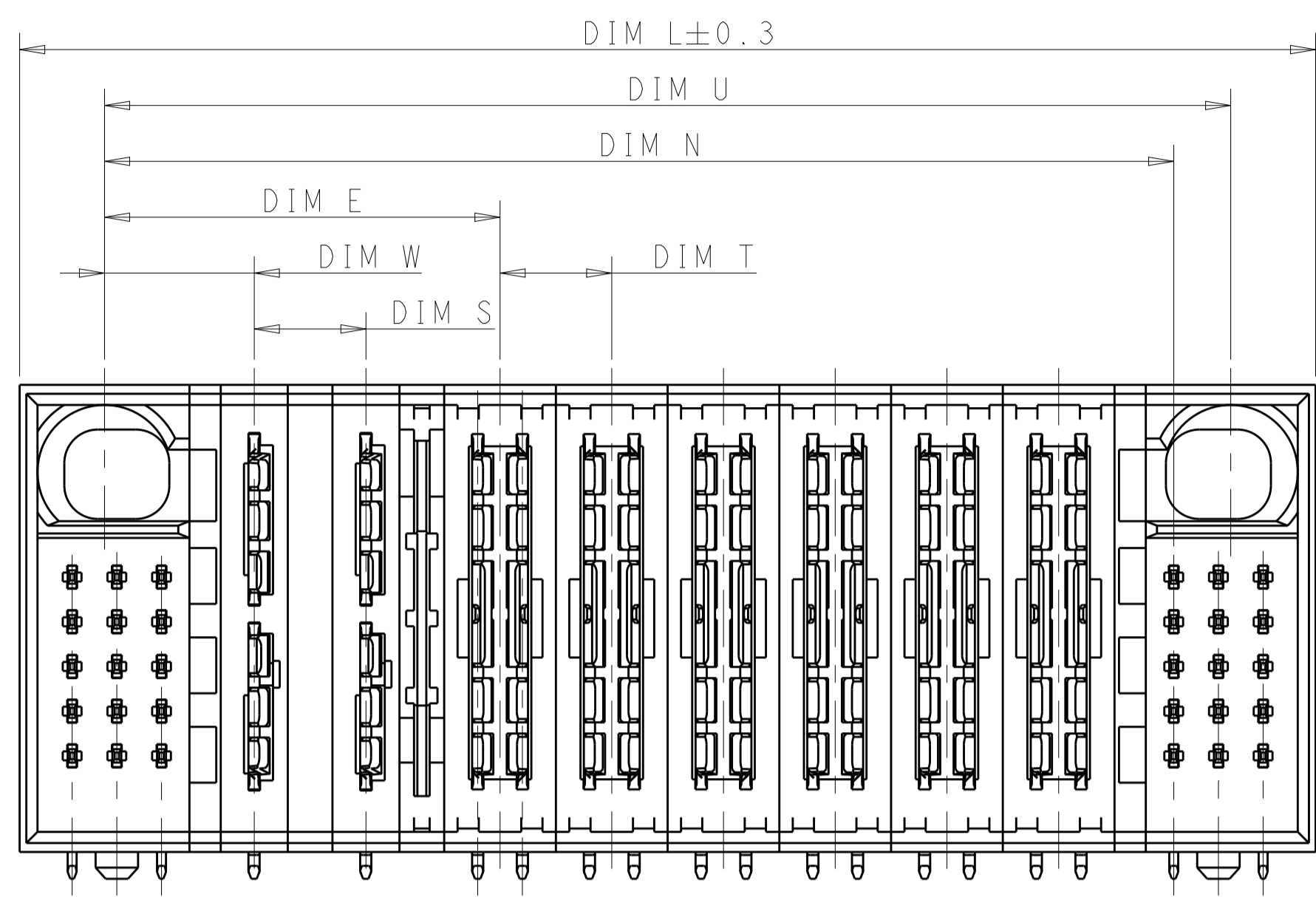
DATE: 19AUG2013  
 CHK: THOMAS\_ZHAO  
 SUNY\_ZHAO  
 APVD: SUNY\_ZHAO

NAME: CUSTOMER DRAWING PRESS FIT RIGHT ANGLE PLUG S+P+LP+S MULTI-BEAM HD CONNECTOR

SIZE: A1 CAGE CODE: 2204442 DRAWING NO: 2204442

SCALE: 4:1 SHEET 1 OF 5 REV A

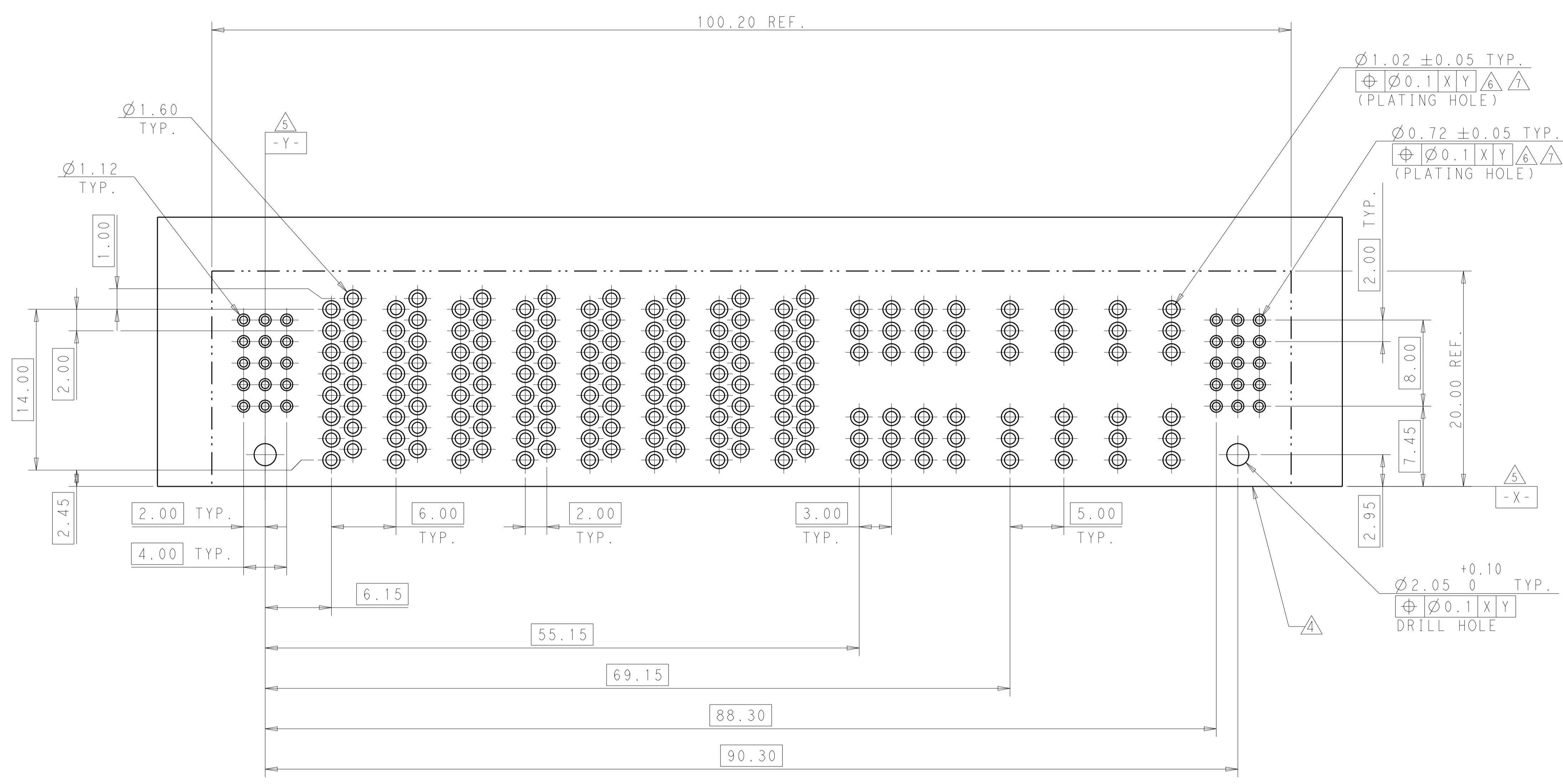
LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD		
-		SEE SHEET 1	-	-	-		



CONFIGURATION FOR "S+VLP+P+S"

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN THOMAS_ZHAO 19AUG2013	TE Connectivity
		CHK SUNY_ZHAO 19AUG2013	
DIMENSIONS:		APVD SUNY_ZHAO 19AUG2013	NAME CUSTOMER DRAWING PRESS FIT
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	RIGHT ANGLE PLUG S+P+LP+S
	0 PLC ±	APPLICATION SPEC	MULTI-BEAM HD CONNECTOR
	1 PLC ±0.4	SIZE CAGE CODE DRAWING NO	RESTRICTED TO
	2 PLC ±0.4	WEIGHT	A100779C=2204442
	3 PLC ±0.75	MATERIAL	Customer Drawing
	4 PLC ±1.5	FINISH	SCALE 4:1 SHEET 2 OF 5 REV A
	ANGLES ±		

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



PART NUMBER	ROWS	SIGNAL			POWER																SIGNAL			
		1	2	3	P1	P2	P3	P4	P5	P6	P7	P8	LP1	LP2	LP3	LP4	LP1	LP2	LP3	LP4	4	5	6	
2204442-1	E	[Symbol]			PH	PH	PH	PH	PH	PH	PH	PH	LP1	LP1	LP1	LP1	LP1	LP1	LP1	LP1	LP1	[Symbol]		
	D	SH	SH	SH	PH	PH	PH	PH	PH	PH	PH	PH	LH2	LH2	LH2	LH2	LH2	LH2	LH2	LH2	SH	SH	SH	
	C	SH	SH	SH																		SH	SH	SH
	B	SH	SH	SH																		SH	SH	SH
	A	SH	SH	SH																		SH	SH	SH

15S+8VP+8LP+8VLP+15S

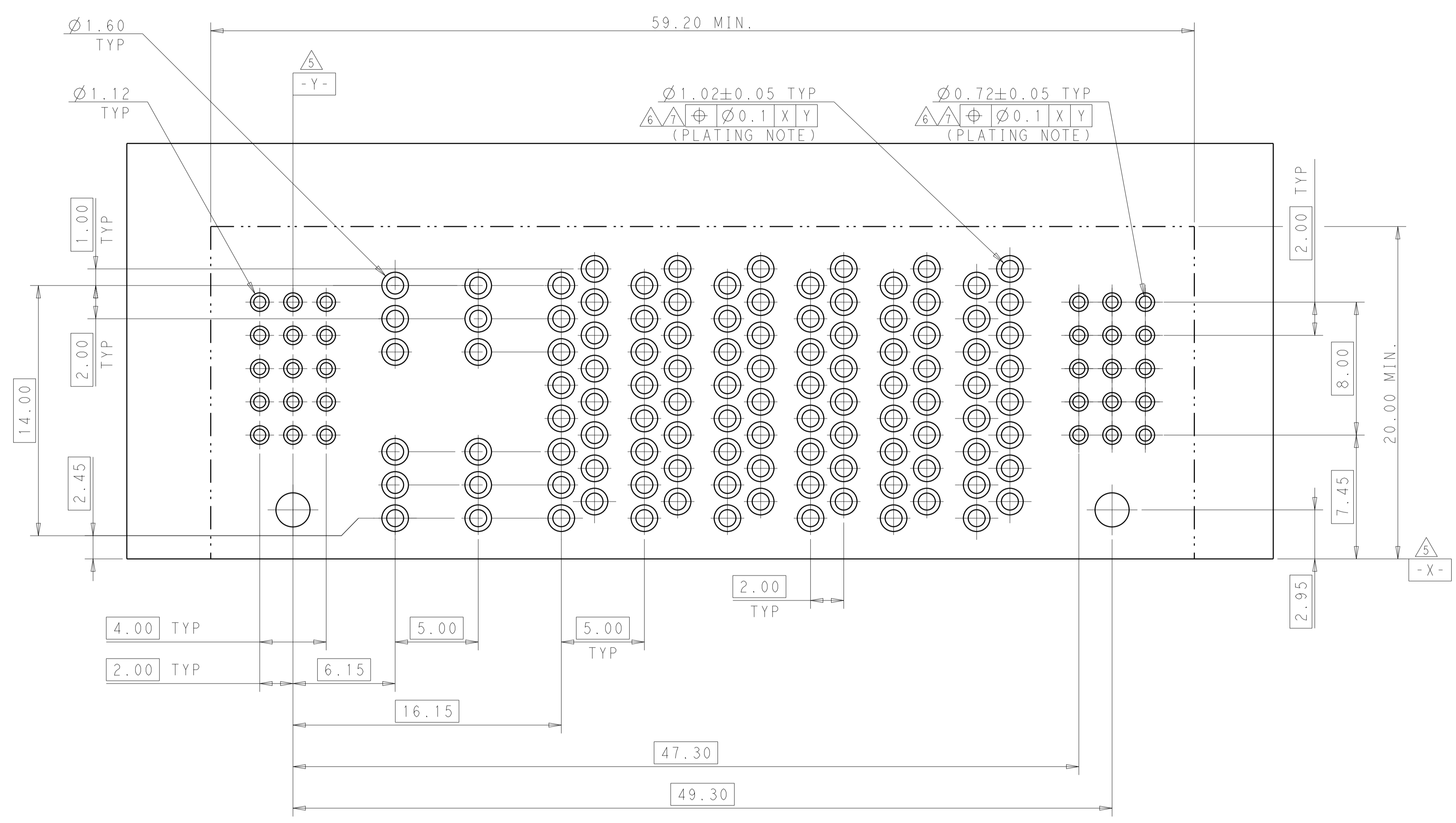
LP BOTTOM CONTACT PRESS-FIT	LH2
LP TOP CONTACT PRESS-FIT	LH1
POWER CONTACT PRESS-FIT	PH
SIGNAL CONTACT PRESS-FIT	SH1
SIGNAL/HP/SIGNAL WITH GUIDE	HOUSING
DESCRIPTION	CODE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: THOMAS ZHAO 19AUG2013	CHK: SUNY ZHAO 19AUG2013	APVD: SUNY ZHAO 19AUG2013
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.4 1 PLC ±0.4 2 PLC ±0.25 3 PLC ±0.15 4 PLC ±0.15 ANGLES ±°		
MATERIAL: -	FINISH: -	WEIGHT: -
Customer Drawing		

**STE** TE Connectivity  
 NAME: CUSTOMER DRAWING PRESS FIT RIGHT ANGLE PLUG S+P+LP+S MULTI-BEAM HD CONNECTOR  
 SIZE: A100779 C=2204442  
 SCALE: 4:1 SHEET 3 OF 5 REV A

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



PART NUMBER	ROWS	SIGNAL			POWER						SIGNAL				
		1	2	3	LP1	LP2	PI	P2	P3	P4	P5	P6	4	5	6
2204442-2	E	SH	SH	SH	LH1	LH1	PH	PH	PH	PH	PH	PH	SH	SH	SH
	D	SH	SH	SH									LH2	LH2	PH
	C	SH	SH	SH	LH2	LH2	PH	PH	PH	PH	PH	PH			
	B	SH	SH	SH									LH2	LH2	PH
	A	SH	SH	SH	LH2	LH2	PH	PH	PH	PH	PH	PH			
15S+4VLP+6P+15S															

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: THOMAS\_ZHAO 19AUG2013  
 CHK: SUNY\_ZHAO 19AUG2013  
 APVD: SUNY\_ZHAO 19AUG2013

**STE** TE Connectivity

NAME: CUSTOMER DRAWING PRESS FIT RIGHT ANGLE PLUG S+P+LP+S MULTI-BEAM HD CONNECTOR

PRODUCT SPEC: -  
 APPLICATION SPEC: -

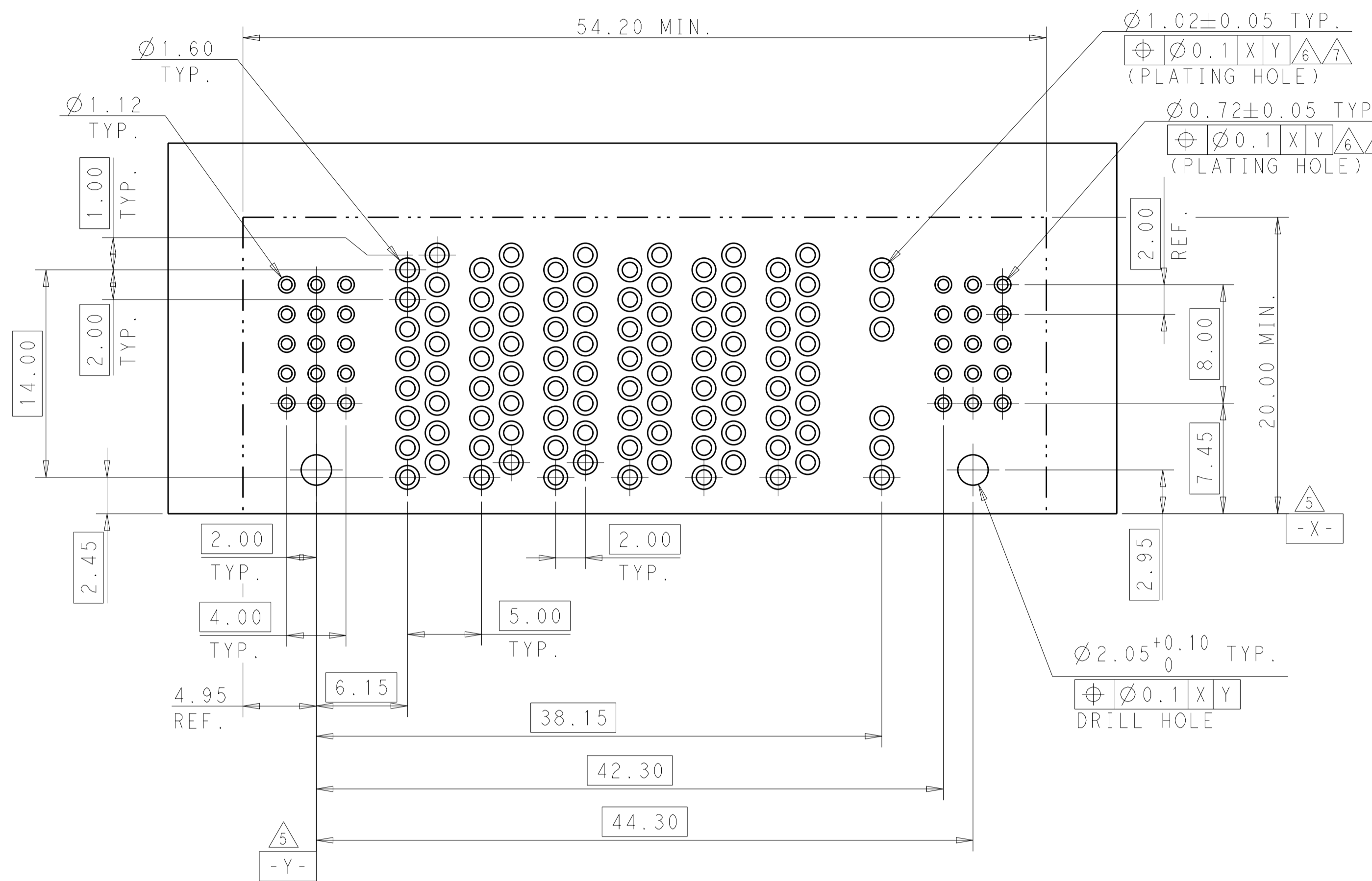
SIZE: A1 CAGE CODE: 2204442 DRAWING NO: 2204442

RESTRICTED TO: -

MATERIAL: - FINISH: - WEIGHT: -

Customer Drawing SCALE: 4:1 SHEET: 4 OF 5 REV: A

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



PART NUMBER	ROWS	SIGNAL			POWER						SIGNAL			
		1	2	3	P1	P2	P3	P4	P5	P6	LP1	4	5	6
2204442-3	E	SH	SH	SH	PH	PH	PH	PH	PH	PH	LPI	SH	SH	SH
	D	SH	SH	SH								SH	SH	SH
	C	SH	SH	SH								SH	SH	SH
	B	SH	SH	SH								SH	SH	SH
	A	SH	SH	SH								SH	SH	SH
I5S+6P+2LP+I5S														

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DMN THOMAS_ZHAO 19AUG2013	TE Connectivity
mm	0 PLC ±0.4	CHK SUNY_ZHAO 19AUG2013	
	1 PLC ±0.4	APVD SUNY_ZHAO 19AUG2013	
	2 PLC ±0.75		
	3 PLC ±0.15		NAME CUSTOMER DRAWING PRESS FIT
	4 PLC ±		PRODUCT SPEC RIGHT ANGLE PLUG S+P+LP+S
	ANGLES ±		APPLICATION SPEC MULTI-BEAM HD CONNECTOR
MATERIAL	FINISH	WEIGHT	SIZE CAGE CODE DRAWING NO. RESTRICTED TO
-	-	-	A100779C=2204442
Customer Drawing			SCALE 4:1 SHEET 5 OF 5 REV A

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