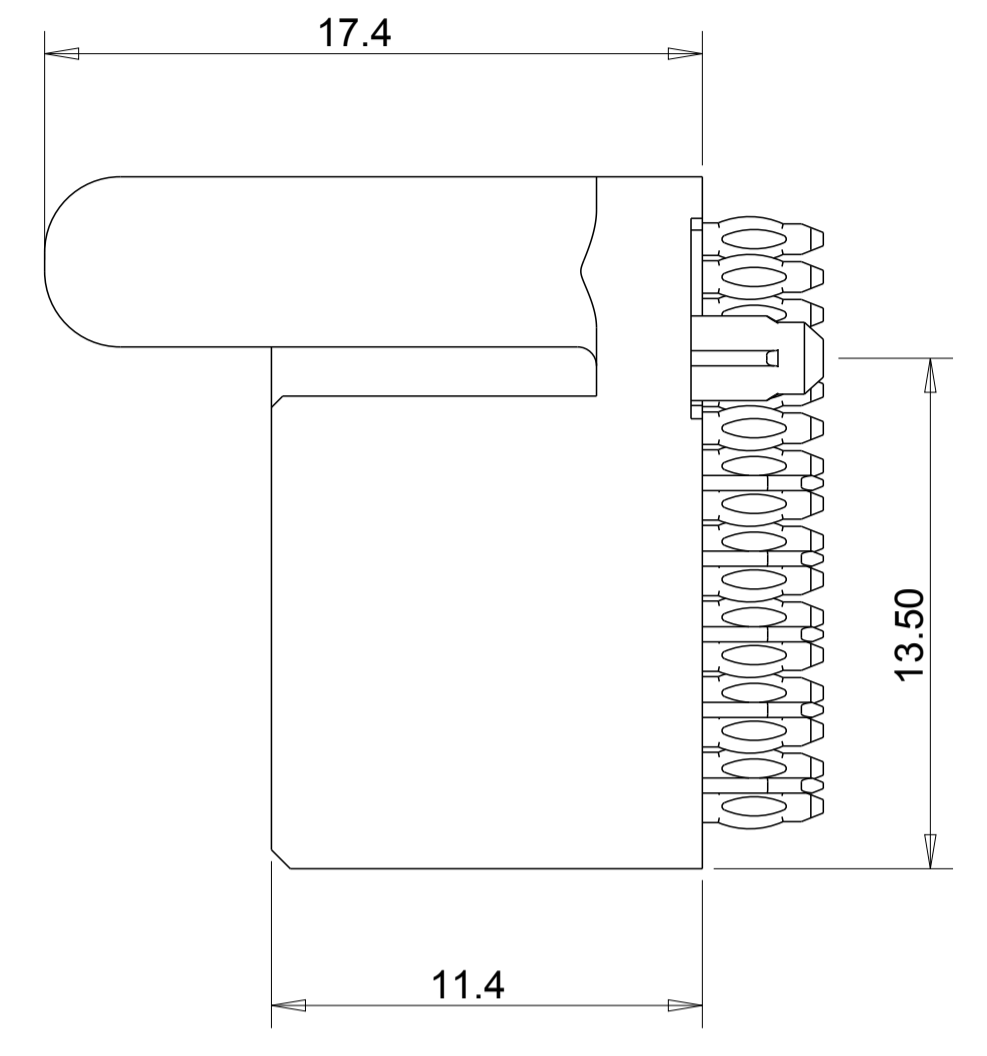
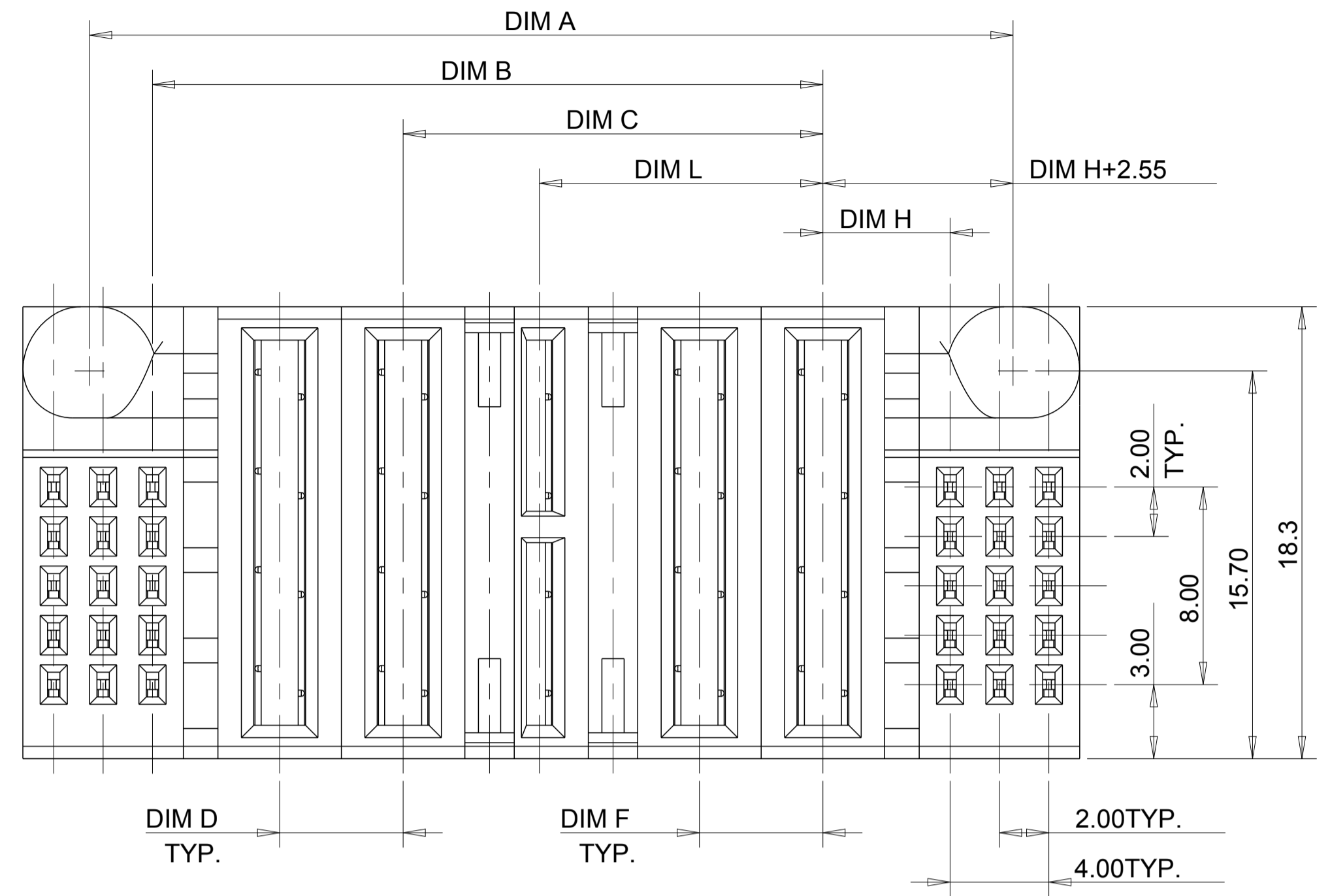
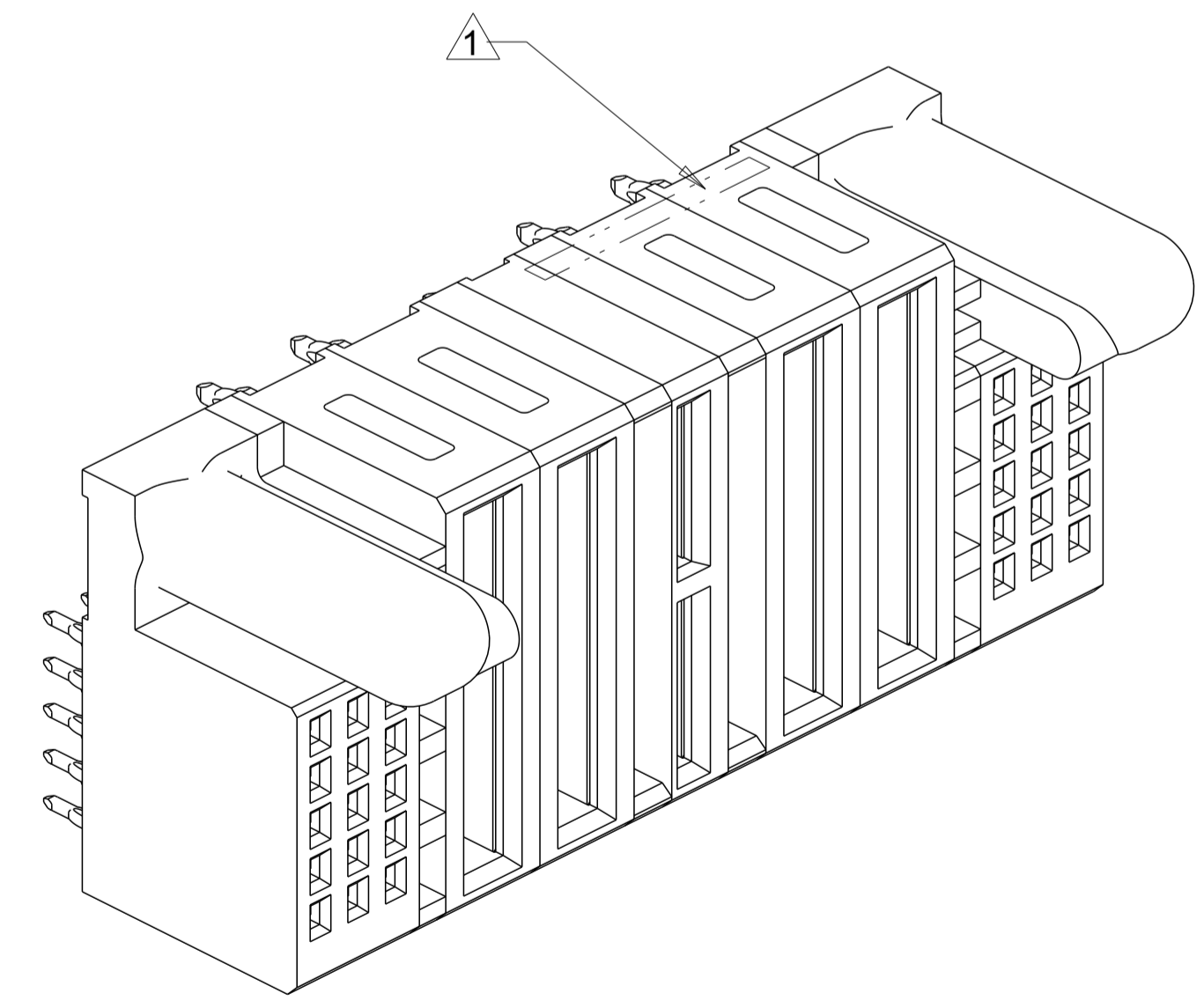
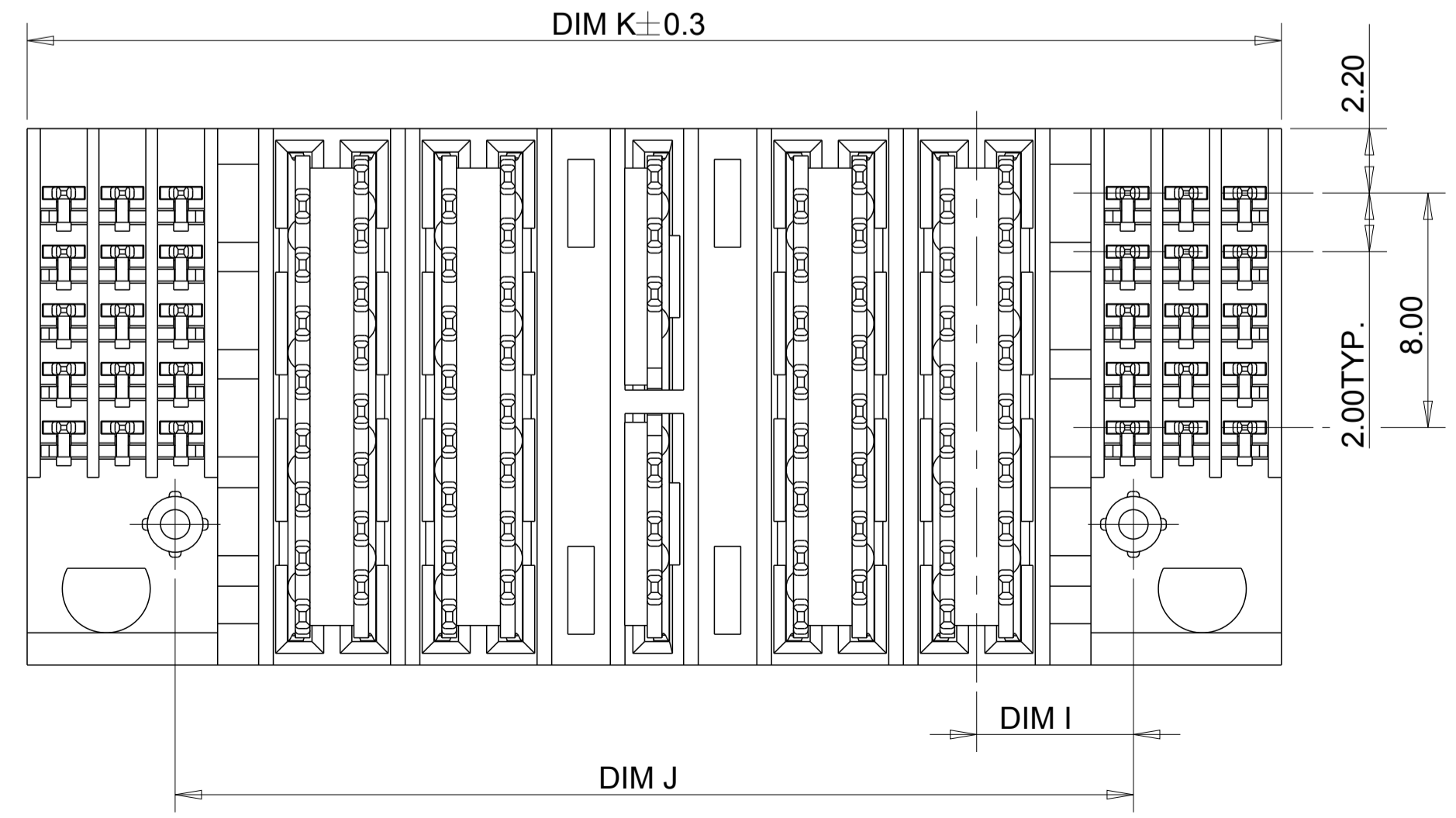
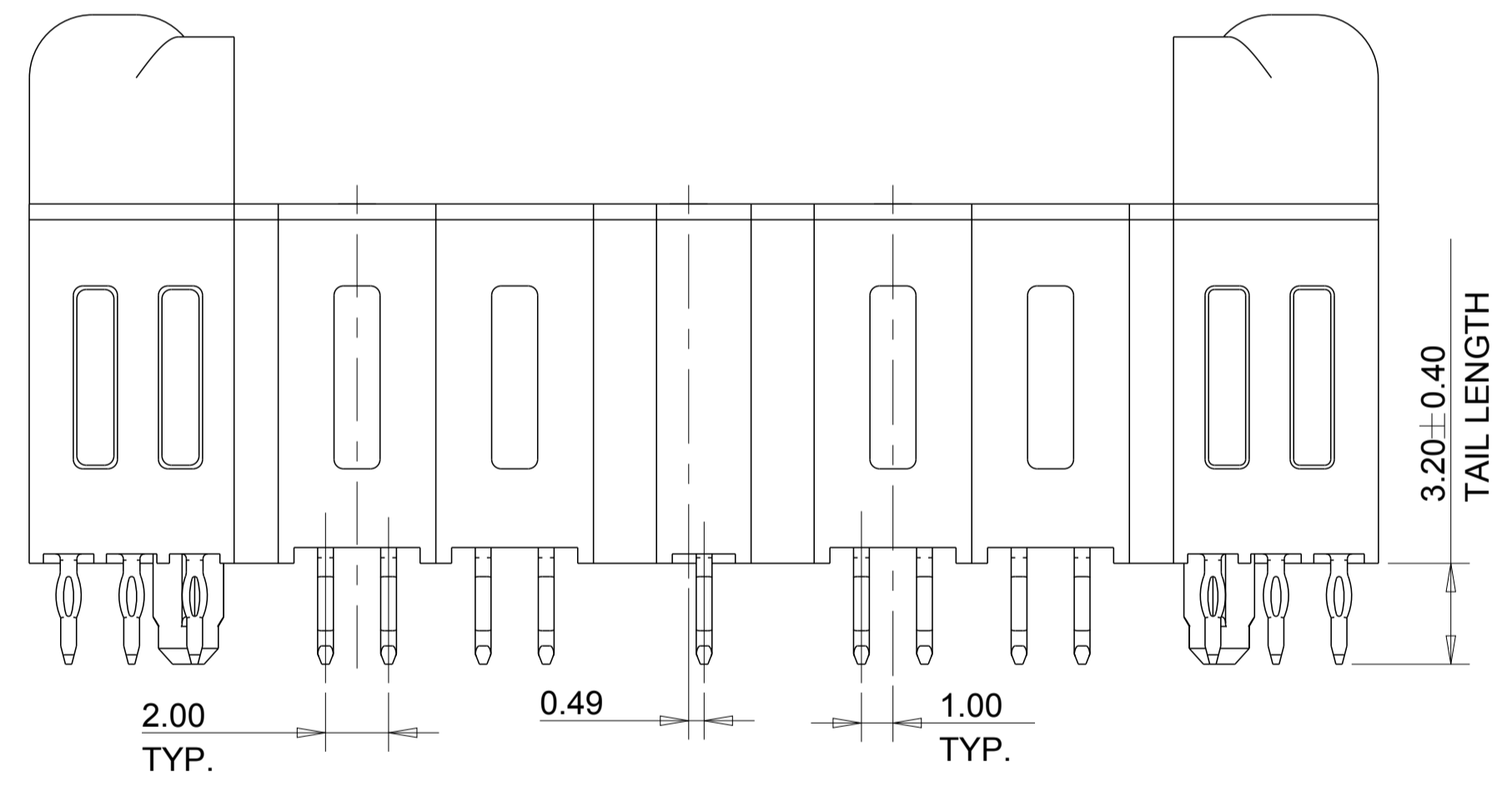


LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
A		RELEASED DRAWING	10AUG2016	TZ	SZ		

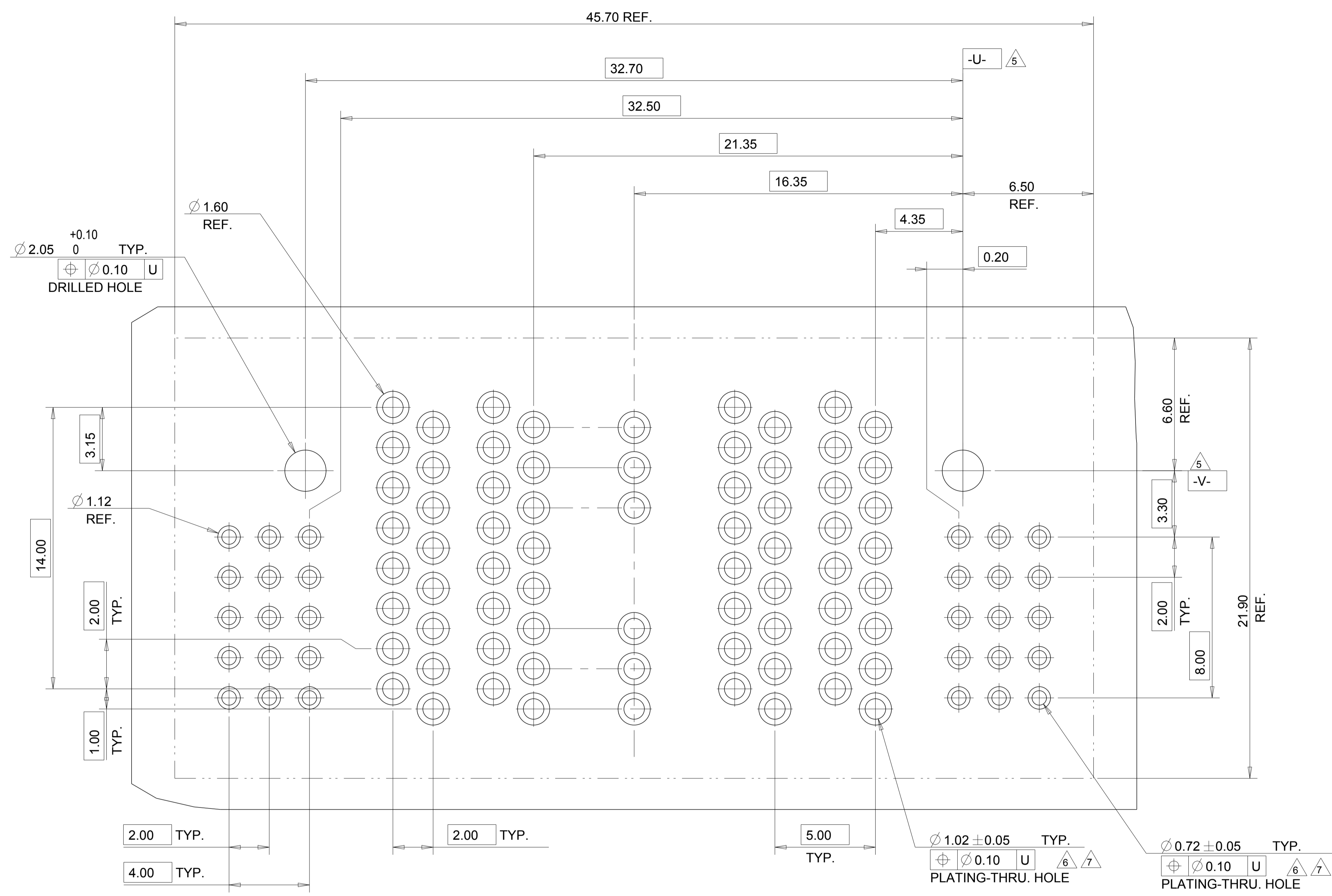


- NOTES, UNLESS OTHERWISE SPECIFIED:
1. "TE" PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN.
  2. MATERIAL:
    - HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, COLOR: BLACK, UL94 V-0.
    - SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
    - POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
  3. CONTACT PLATING:
    - MATING AREA - NOBLE METAL OVERALL NICKEL
    - TAIL SIDE AREA - MATTE TIN OVERALL NICKEL.
  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 HOLE:
    - POWER -  $1.15 \pm 0.025$  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 -  $0.835 \pm 0.025$  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.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: THOMAS ZHAO 09JAN2013	
DIMENSIONS: mm		CHK: SUNY ZHAO 09JAN2013	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SUNY ZHAO 09JAN2013	NAME: Customer Drawing
0 PLC ±		PRODUCT SPEC	VERTICAL RECEPTACLE CONNECTOR
1 PLC ±0.5		APPLICATION SPEC	MULTI-BEAM HD S+P+LP+P+S
2 PLC ±0.25		SIZE: A1	RESTRICTED TO
3 PLC ±0.15		CAGE CODE: -	DRAWING NO: 2204421
4 PLC ±		WEIGHT: -	SCALE: 5:1
FINISH: ANGLE		CUSTOMER DRAWING	SHEET 1 OF 3
MATERIAL: 2			REV A

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APP'D		
-	-	SEE SHEET 1	-	-	-	-	-



TOP LP CONTACT MFBL PRESS FIT	LM1
BOTTOM LP CONTACT MFBL PRESS FIT	LM2
SIGNAL CONTACT PRESS FIT	SM1
POWER CONTACT MFBL PRESS FIT	PM
DESCRIPTION	IDENTIFIER

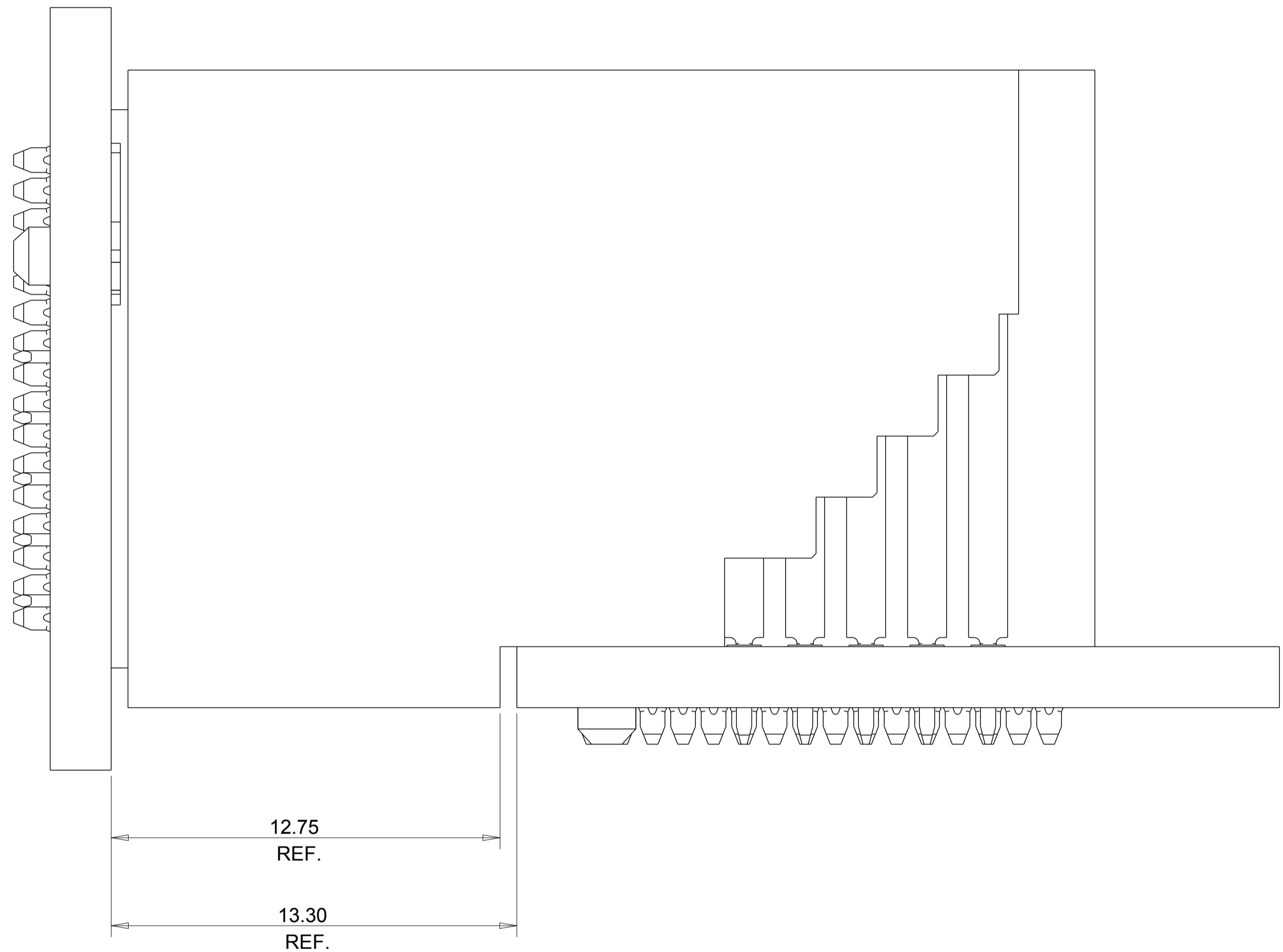
PART NUMBER	ROWS	SIGNAL			POWER					SIGNAL		
		6	5	4	P4	P3	LP	P2	PI	3	2	1
2204421-1	E	SM	SM	SM	PM	PM	LM1	PM	PM	SM	SM	SM
	D	SM	SM	SM	PM	PM		PM	PM	SM	SM	SM
	C	SM	SM	SM			LM2			SM	SM	SM
	B	SM	SM	SM						SM	SM	SM
	A	SM	SM	SM						SM	SM	SM

DIM A	DIM B	DIM C	DIM D	DIM F	DIM H	DIM I	DIM J	DIM K	DIM L	DESCRIPTION	PART NUMBER
37.40	27.15	17.00	5.00	5.00	5.15	5.35	32.70	42.80	11.48	15S+2P+2LP+2P+15S	2204421-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: THOMAS ZHAO 09JAN2013	TE Connectivity Customer Drawing VERTICAL RECEPTACLE CONNECTOR MULTI-BEAM HD S+P+LP+P+S
DIMENSIONS: mm		CHK: SUNY ZHAO 09JAN2013	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D: SUNY ZHAO 09JAN2013	
0 PLC ± 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.15 4 PLC ± FINISH ±		NAME: SUNY ZHAO	
MATERIAL:		WEIGHT:	RESTRICTED TO:
CUSTOMER DRAWING		SCALE: 3:1	SHEET 2 OF 3

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



THE DISTANCE IS 0.05 MM MATING FACE FROM R/A HEADER TO VERTICAL RECEPTACLE.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN THOMAS ZHAO 08JAN2013											
DIMENSIONS: mm		CHK SUNY ZHAO 08JAN2013											
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APD SUNY ZHAO 08JAN2013	NAME Customer Drawing VERTICAL RECEPTACLE CONNECTOR MULTI-BEAM HD S+P+LP+P+S										
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±0.5</td></tr> <tr><td>2 PLC</td><td>±0.25</td></tr> <tr><td>3 PLC</td><td>±0.15</td></tr> <tr><td>4 PLC</td><td>±</td></tr> </table>		0 PLC	±	1 PLC	±0.5	2 PLC	±0.25	3 PLC	±0.15	4 PLC	±	PRODUCT SPEC	RESTRICTED TO
0 PLC	±												
1 PLC	±0.5												
2 PLC	±0.25												
3 PLC	±0.15												
4 PLC	±												
MATERIAL		APPLICATION SPEC	SIZE A1										
FINISH		WEIGHT	CAGE CODE 2204421										
ANGLES		CUSTOMER DRAWING	SCALE 3:1										
			SHEET 3 OF 3										
			REV A										