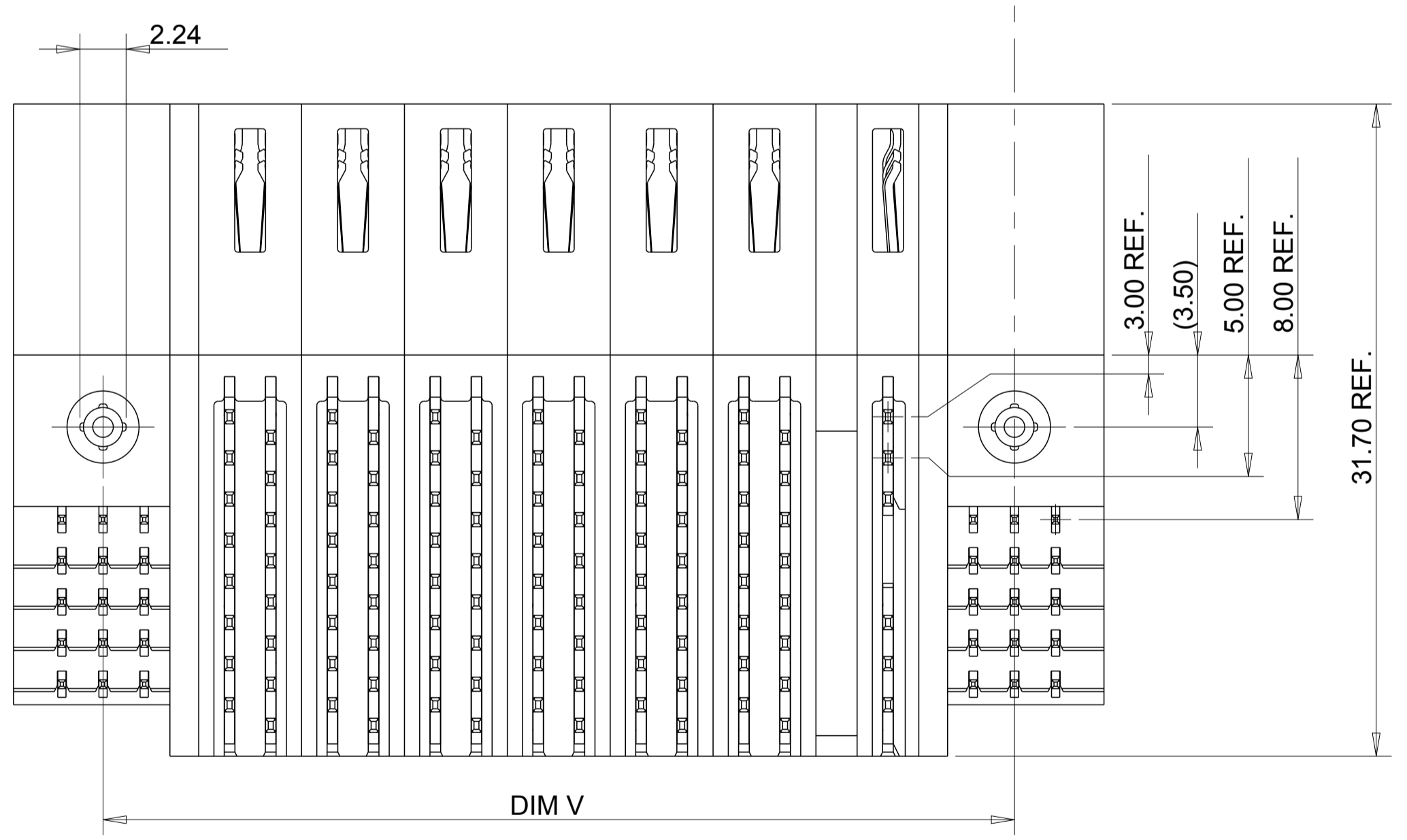
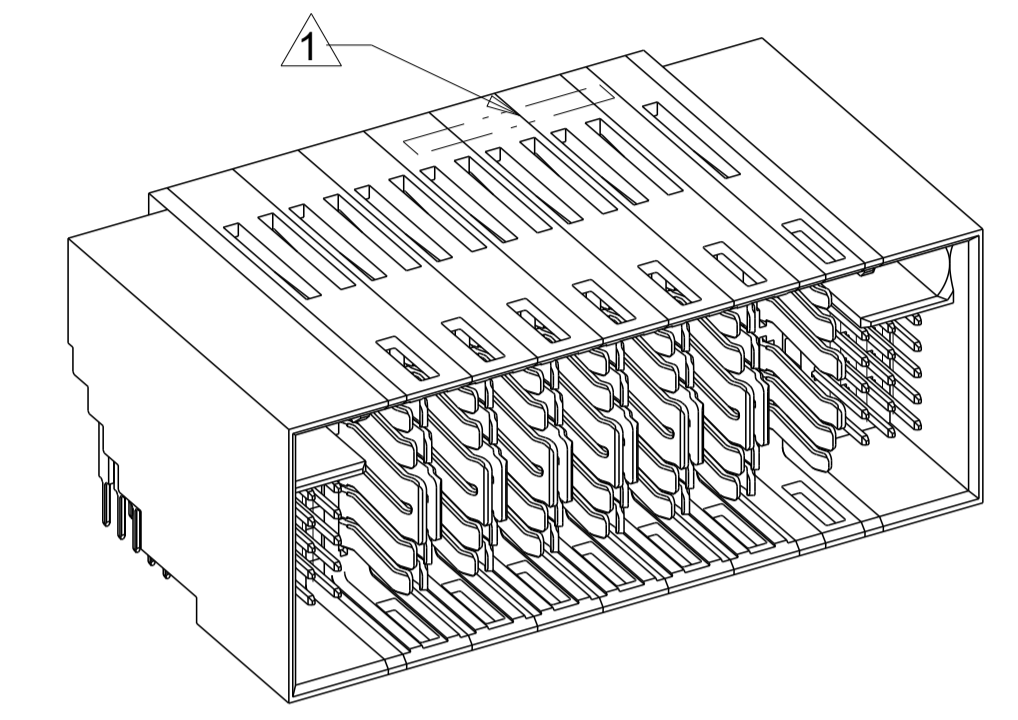
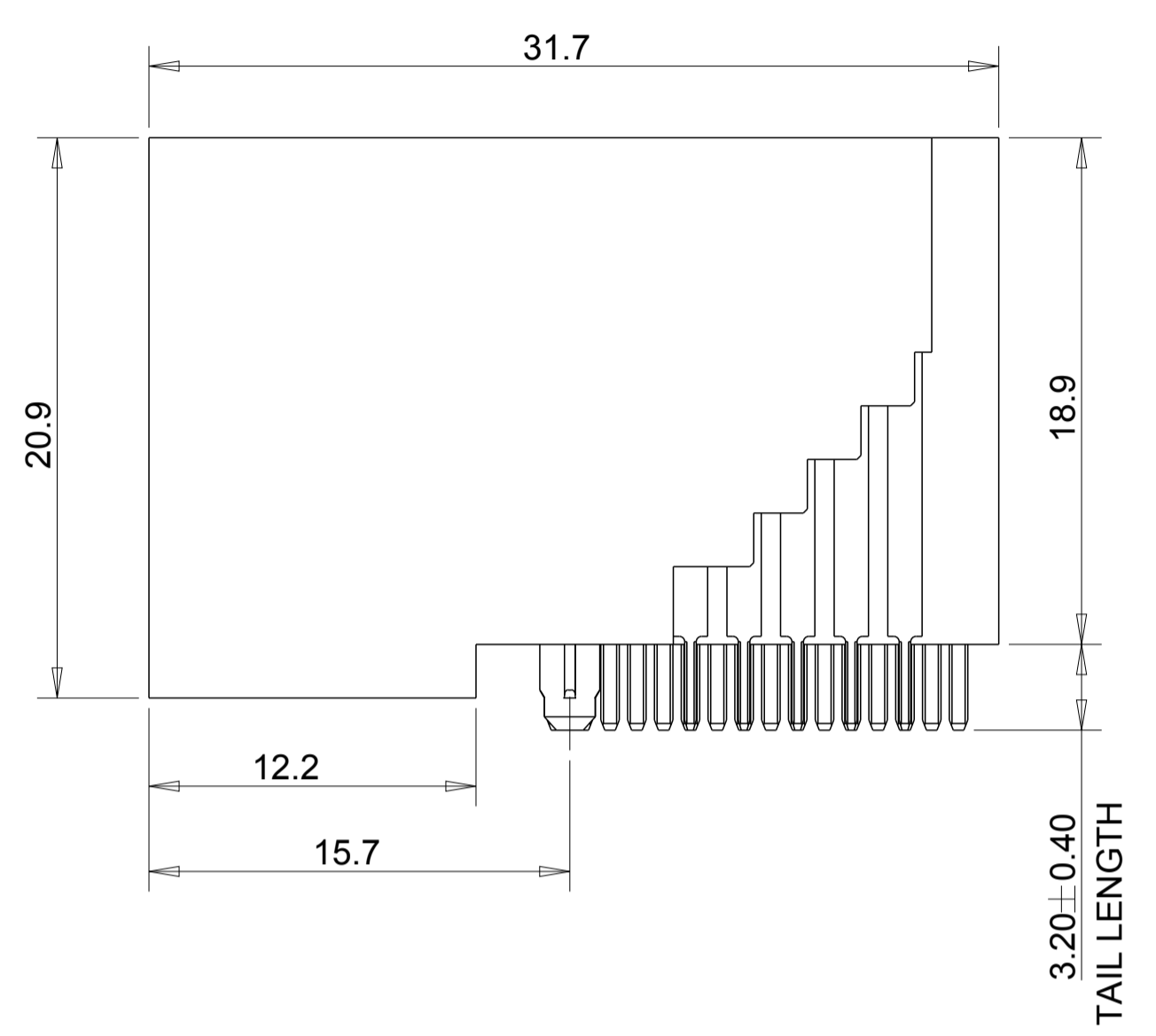
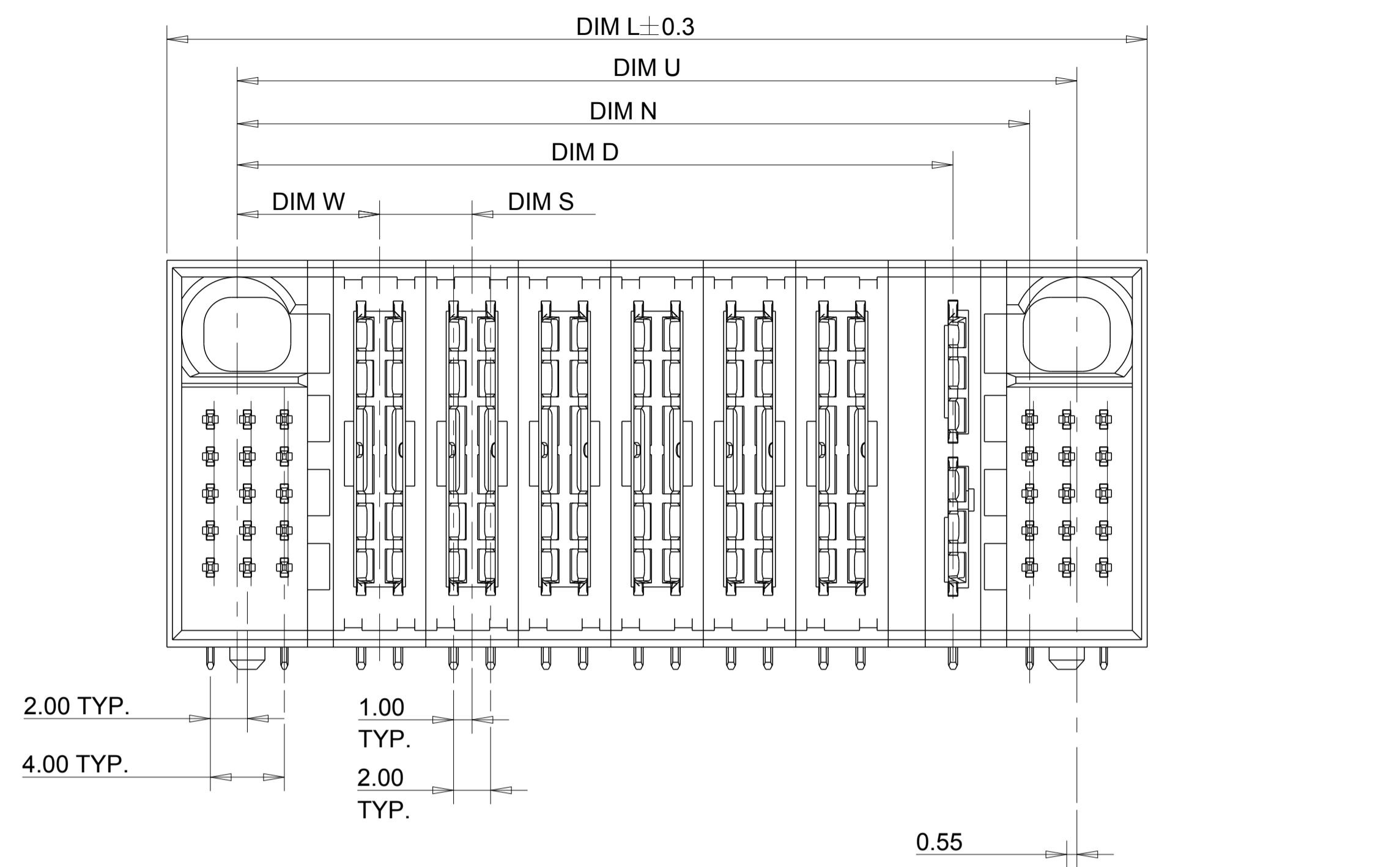


LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
A		RELEASED DRAWING	16MAR2016	TZ	SZ		
A1		ECR-16-005537	15APR2016	TZ	SZ		
A2		ECR-16-012726	03NOV2016	TZ	SZ		
A3		ECR-16-017006	01DEC2016	TZ	SZ		

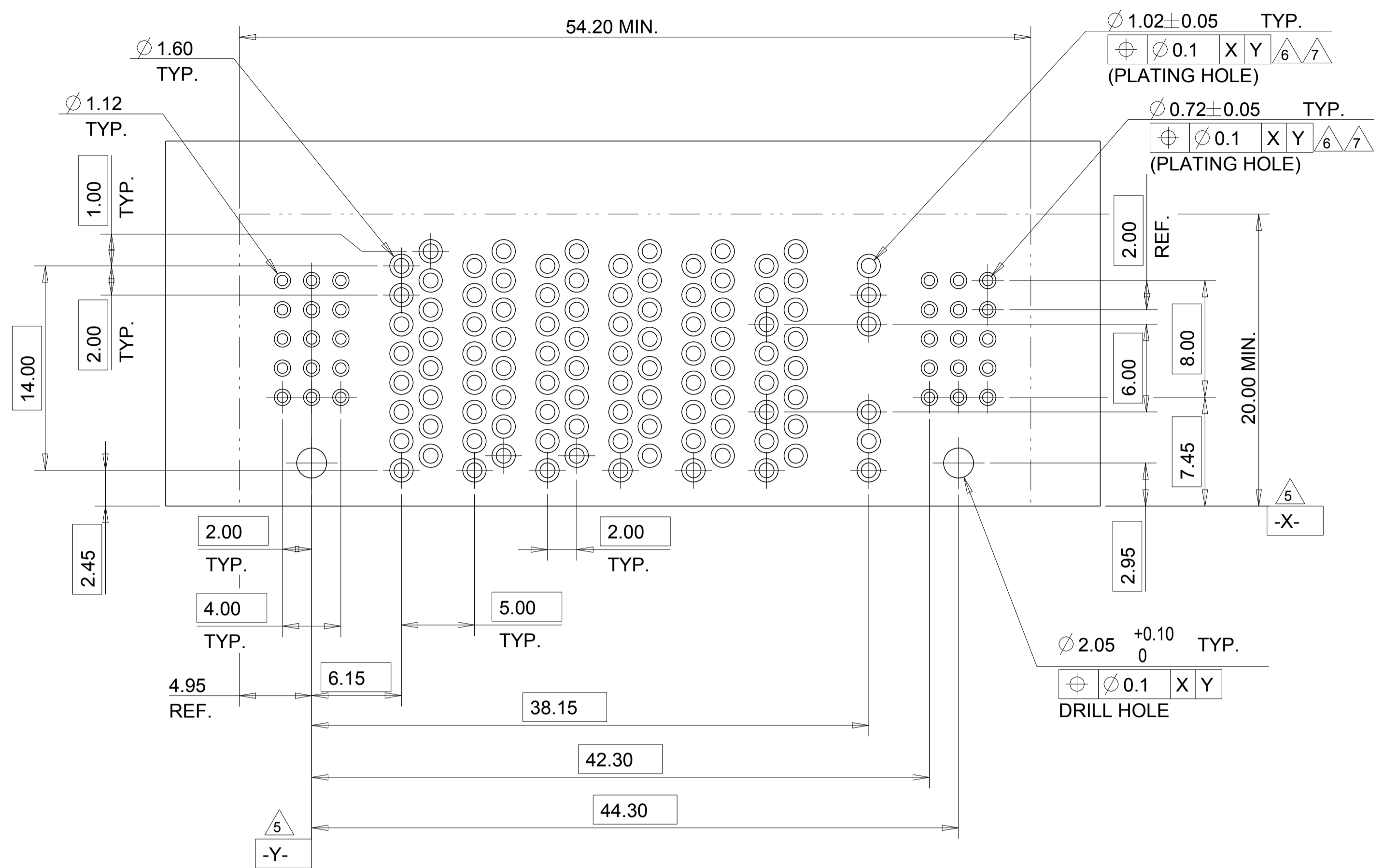


NOTES, UNLESS OTHERWISE SPECIFIED:

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 ± 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.
8. CONFIGURATION "S+LP+P+S" REFER TO THE VIEW OF SHEET 2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: T. ZHAO 16MAR2016	
DIMENSIONS: mm		CHK: S. ZHAO 16MAR2016	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: S. ZHAO 16MAR2016	NAME: CUSTOMER DRAWING SOLDER TYPE RIGHT ANGLE PLUG S+P+LP+S MULTI-BEAM HD CONNECTOR
0 PLC	±	PRODUCT SPEC	SIZE: A1
1 PLC	±0.4	APPLICATION SPEC	CAGE CODE: 2204452
2 PLC	±0.25	WEIGHT	SCALE: 4:1
3 PLC	±0.15	CUSTOMER DRAWING	SHEET 1 OF 3
4 PLC	±		REV: A3
ANGLES	±		
FINISH	±		

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

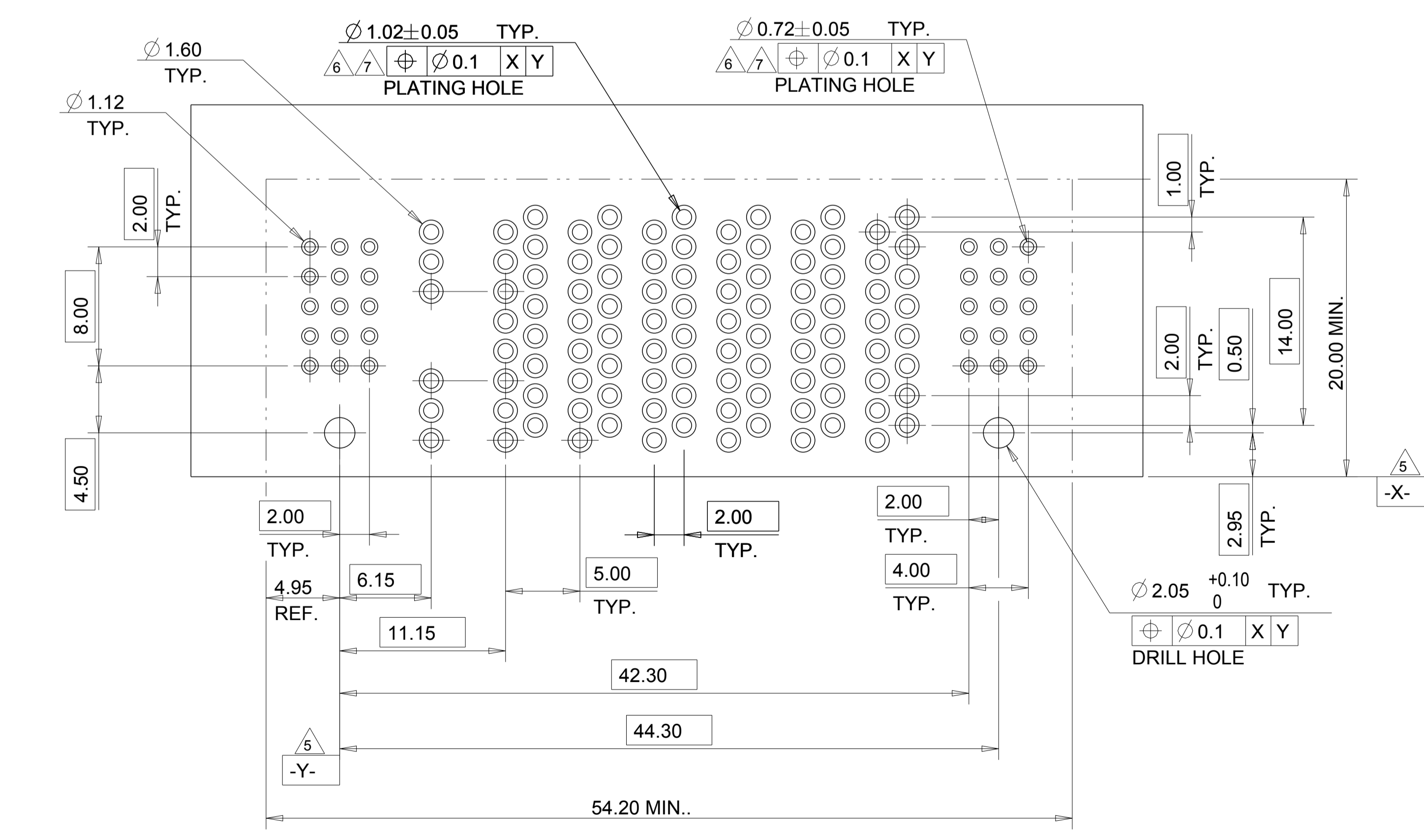
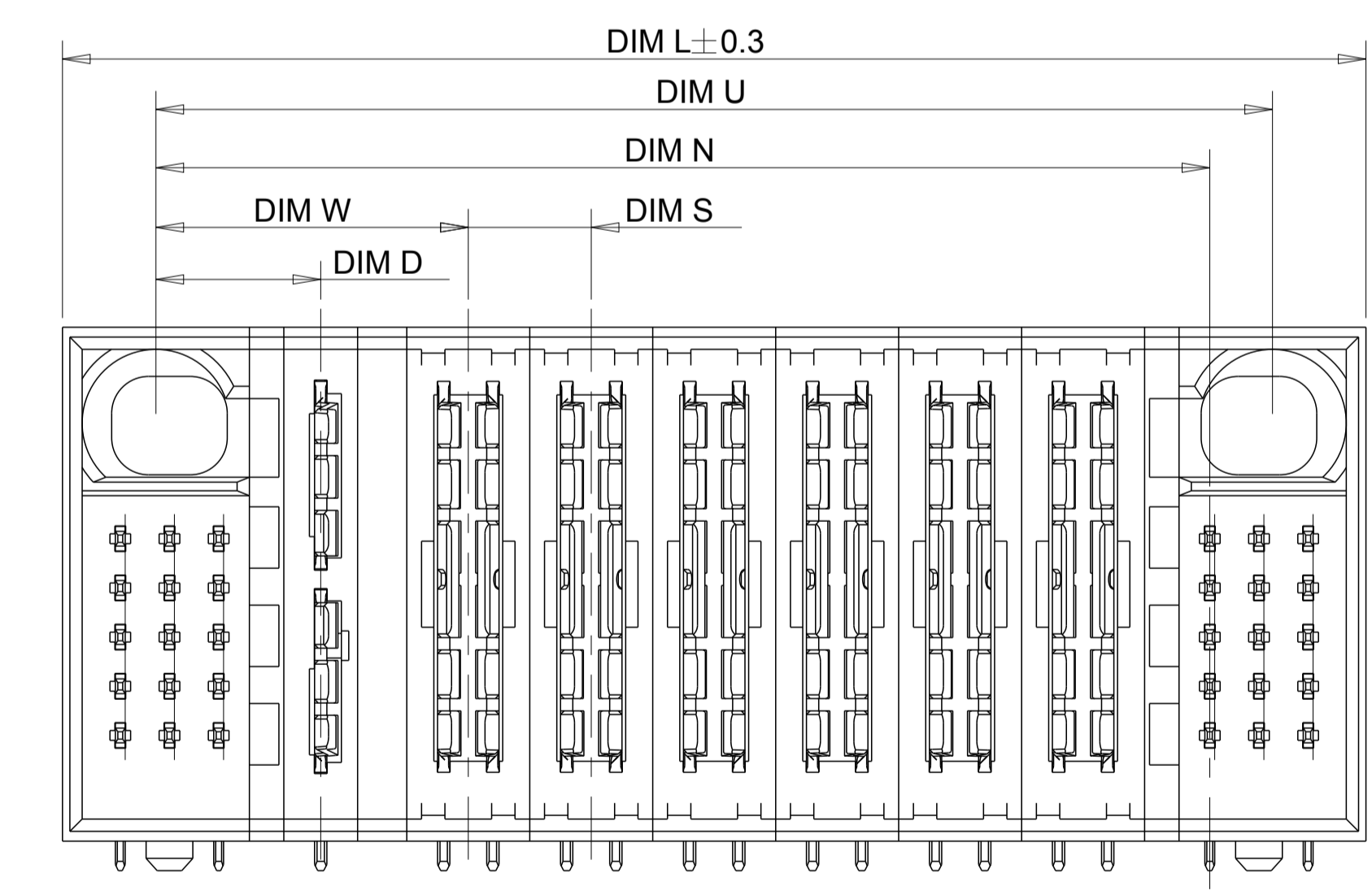


PART NUMBER	ROWS	SIGNAL			POWER						SIGNAL			
		1	2	3	P1	P2	P3	P4	P5	P6	LPI	4	5	6
2204452-1	E	SK1	SK2	SK3	PK	PK	PK	PK	PK	PK	LK1	SK4	SK5	SK6
	D	SK1	SK2	SK3								SK4	SK5	SK6
	C	SK1	SK2	SK3								SK4	SK5	SK6
	B	SK1	SK2	SK3								SK4	SK5	SK6
	A	SK2	SK1	SK3								SK4	SK5	SK6

15S+6P+2LP+15S

PART NUMBER	ROWS	SIGNAL			POWER						SIGNAL			
		1	2	3	LPI	P1	P2	P3	P4	P5	P6	4	5	6
2204452-2	E	SK1	SK2	SK3	LK1	PK	PK	PK	PK	PK	PK	SK4	SK5	SK6
	D	SK1	SK2	SK3								SK4	SK5	SK6
	C	SK1	SK2	SK3								SK4	SK5	SK6
	B	SK1	SK2	SK3								SK4	SK5	SK6
	A	SK2	SK1	SK3								SK4	SK5	SK6

15S+2LP+6P+15S



THIS PCB LAYOUT FOR P/N: 2204452-2

DIM L	DIM U	DIM N	DIM D	DIM W	DIM S	DIM V	DESCRIPTION	PART NUMBER
53.00	45.40	42.85	6.70	12.70	5.00	44.30	15S+2LP+4P+15S	2204452-4
53.00	45.40	42.85	/	/	/	/	15S+15S	2204452-3
53.00	45.40	42.85	6.70	12.70	5.00	44.30	15S+2LP+6P+15S	2204452-2
53.00	45.40	42.85	38.70	7.70	5.00	44.30	15S+6P+2LP+15S	2204452-1

LP BOTTOM CONTACT SOLDER TYPE	LK2
LP TOP CONTACT SOLDER TYPE	LK1
POWER CONTACT SOLDER TYPE	PK
SIGNAL CONTACT SOLDER TYPE MLBF	SK2
SIGNAL CONTACT SOLDER TYPE STANDARD	SK1
SIGNAL/HP/LP/SIGNAL WITH GUIDE	HOUSING
DESCRIPTION	CODE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL: . . .

FINISH: . . .

APPROVED: S. ZHAO

DATE: 16MAR2016

DESCRIPTION: CUSTOMER DRAWING

SCALE: 2:1

SHEET 2 OF 3

REV A3

TE Connectivity

CUSTOMER DRAWING SOLDER TYPE RIGHT ANGLE PLUG S+P+LP+S MULTI-BEAM HD CONNECTOR

SIZE: A1

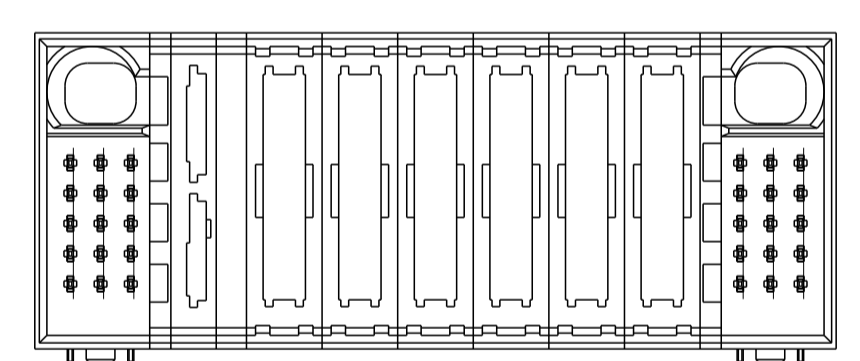
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DRAWING NO: 2204452

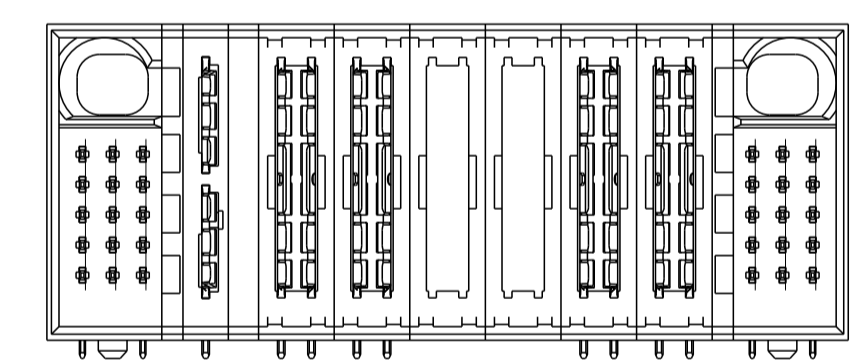
LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	SIGNAL						SIGNAL			
		1	2	3				4	5	6	
2204452-3	E	SK	SK	SK	SK				SK	SK	SK
	D	SK	SK	SK	SK				SK	SK	SK
	C	SK	SK	SK	SK				SK	SK	SK
	B	SK	SK	SK	SK				SK	SK	SK
	A	SK2	SK	SK	SK				SK	SK	SK
15S+15S											

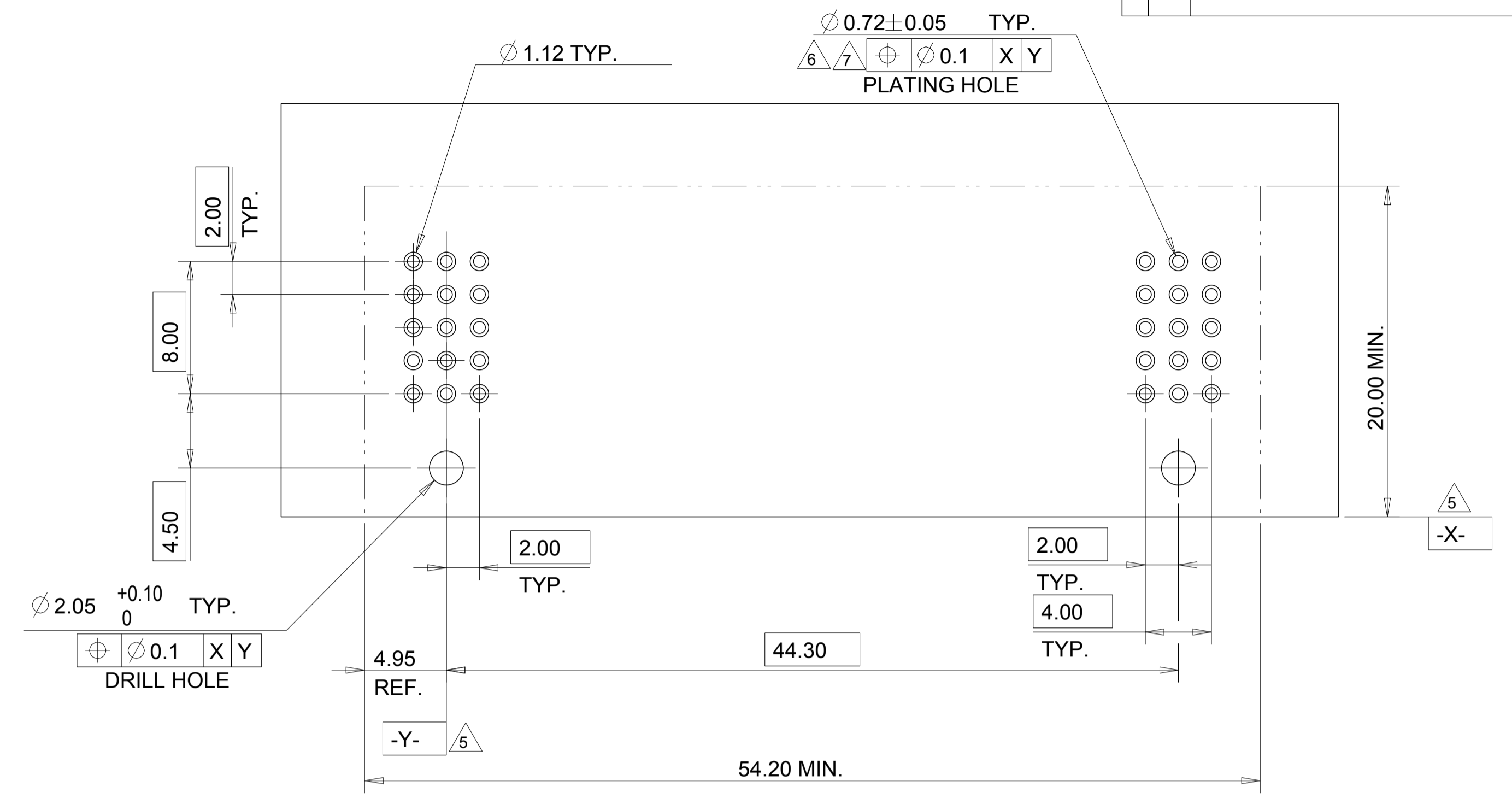
PART NUMBER	ROWS	SIGNAL			POWER						SIGNAL			
		1	2	3	LP1	PI	P2	P3	P4	P5	P6	4	5	6
2204452-4	E	SK	SK	SK	LK1		PK	PK				SK	SK	SK
	D	SK	SK	SK								SK	SK	SK
	C	SK	SK	SK	LK2							SK	SK	SK
	B	SK	SK	SK								SK	SK	SK
	A	SK2	SK	SK								SK	SK	SK
15S+2LP+4P+15S														



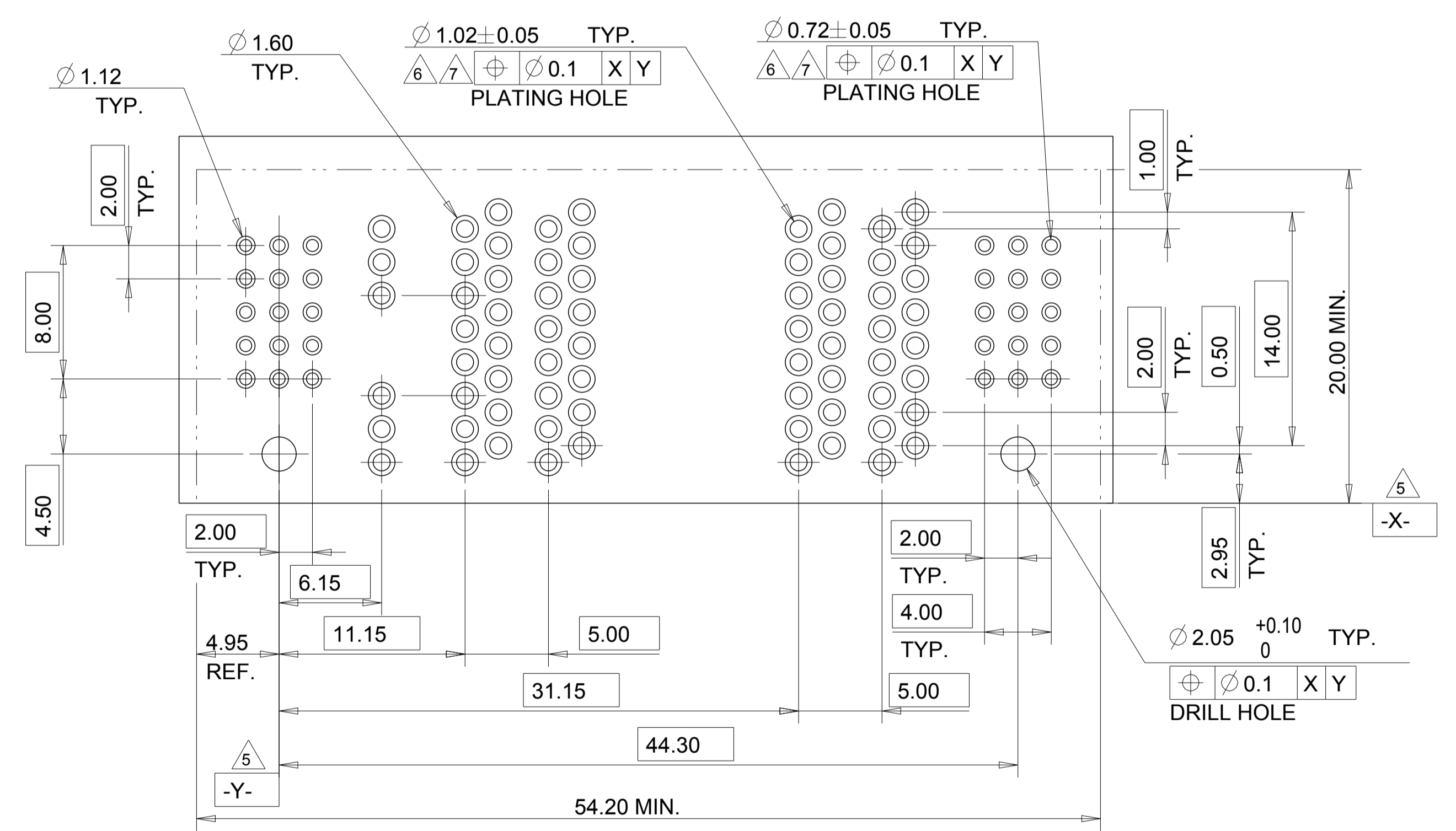
P/N: 2204452-3



P/N: 2204452-4



THIS PCB LAYOUT FOR P/N: 2204452-3



THIS PCB LAYOUT FOR P/N: 2204452-4

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN T. ZHAO 16MAR2016	TE Connectivity									
DIMENSIONS:		CHK S. ZHAO 16MAR2016										
min	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD S. ZHAO 16MAR2016	NAME CUSTOMER DRAWING SOLDER TYPE RIGHT ANGLE PLUG S+P+LP+S MULTI-BEAM HD CONNECTOR									
<table border="1"> <tr><td>0 PLG</td><td>±</td></tr> <tr><td>1 PLG</td><td>±0.4</td></tr> <tr><td>2 PLG</td><td>±0.25</td></tr> <tr><td>3 PLG</td><td>±0.15</td></tr> <tr><td>4 PLG</td><td>±</td></tr> </table>	0 PLG	±		1 PLG	±0.4	2 PLG	±0.25	3 PLG	±0.15	4 PLG	±	PRODUCT SPEC APPLICATION SPEC
0 PLG	±											
1 PLG	±0.4											
2 PLG	±0.25											
3 PLG	±0.15											
4 PLG	±											
MATERIAL	FINISH	WEIGHT	RESTRICTED TO CUSTOMER DRAWING									
		SCALE 4:1	SHEET 3 OF 3									
		REV A3										

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