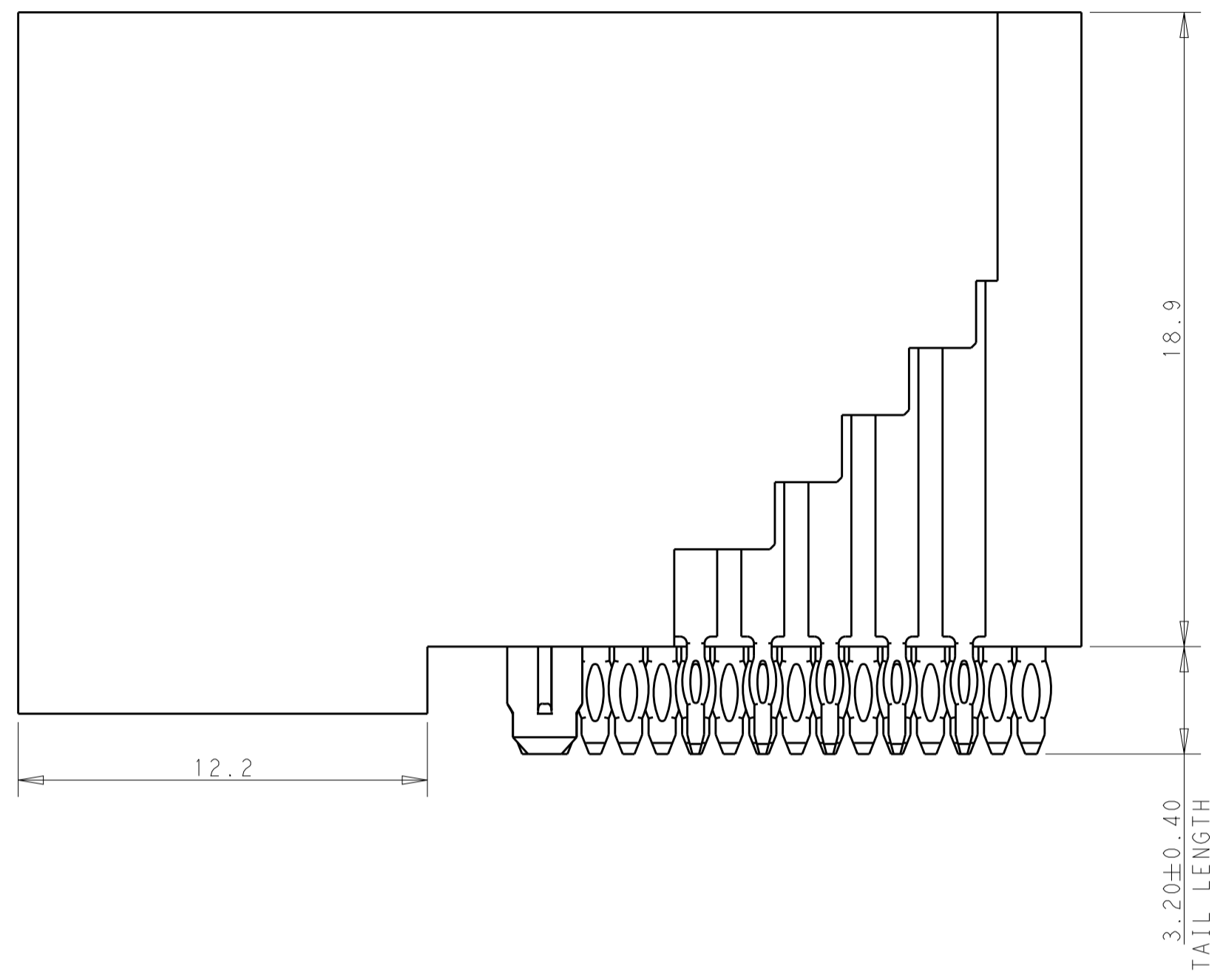
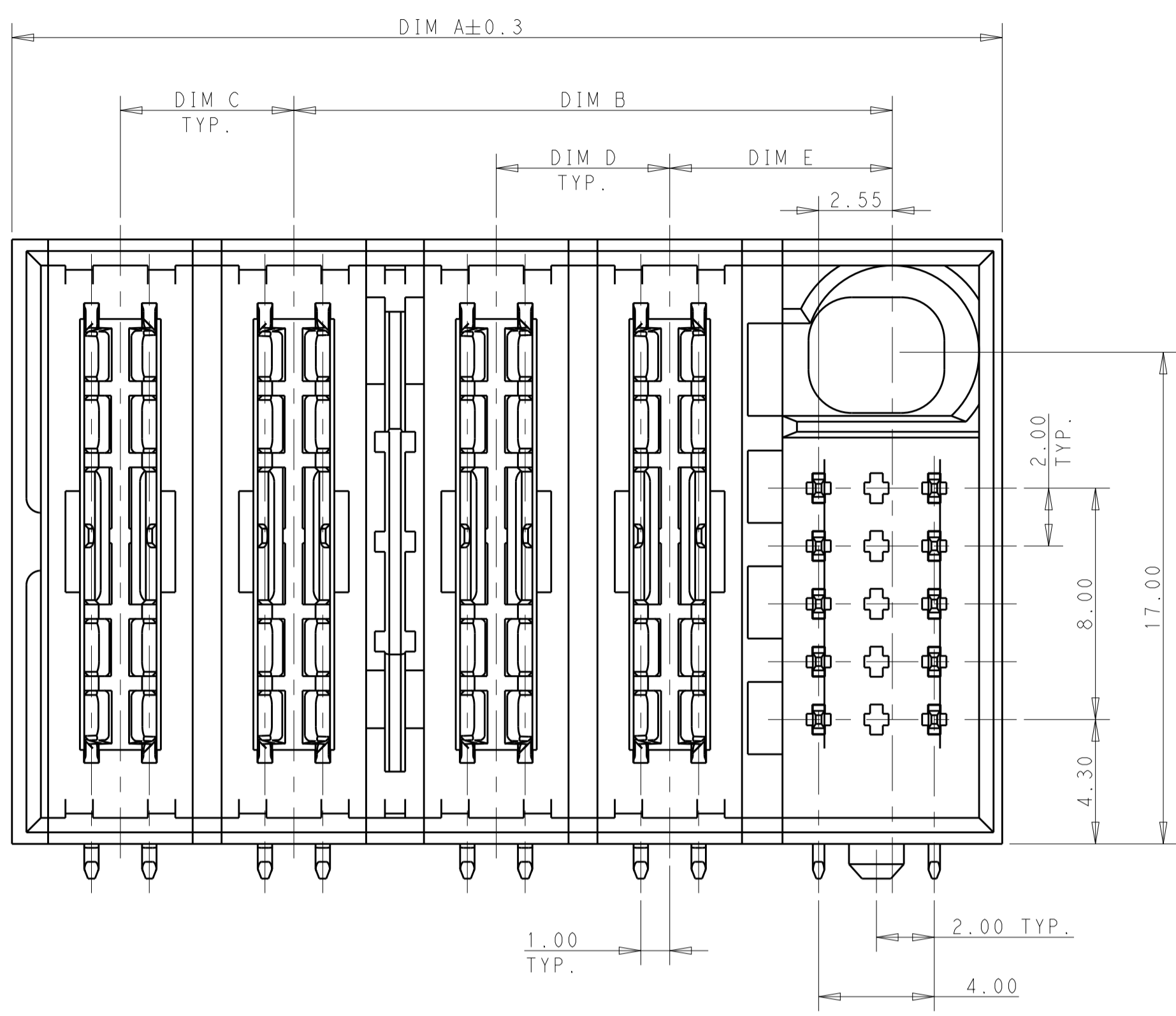
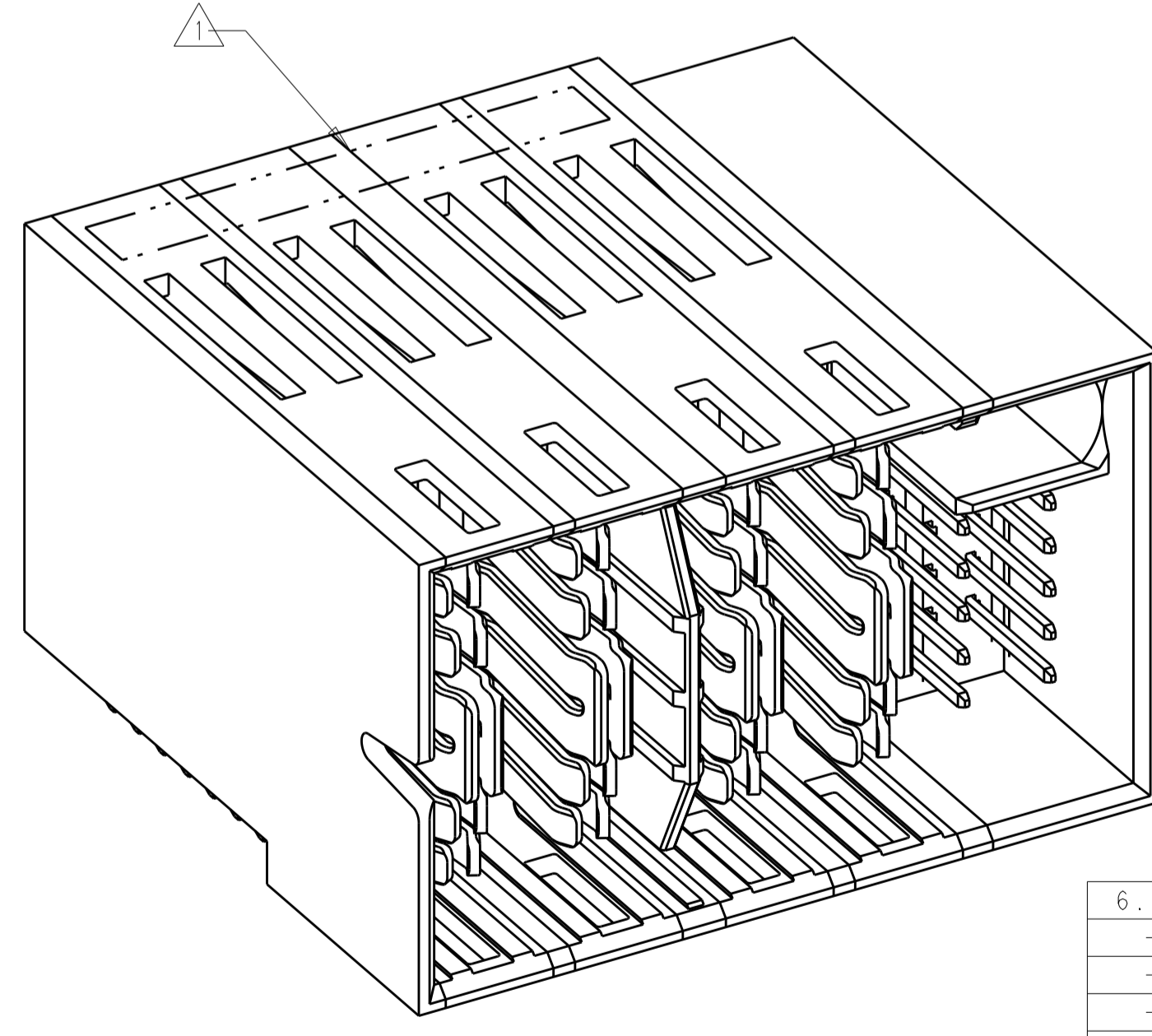
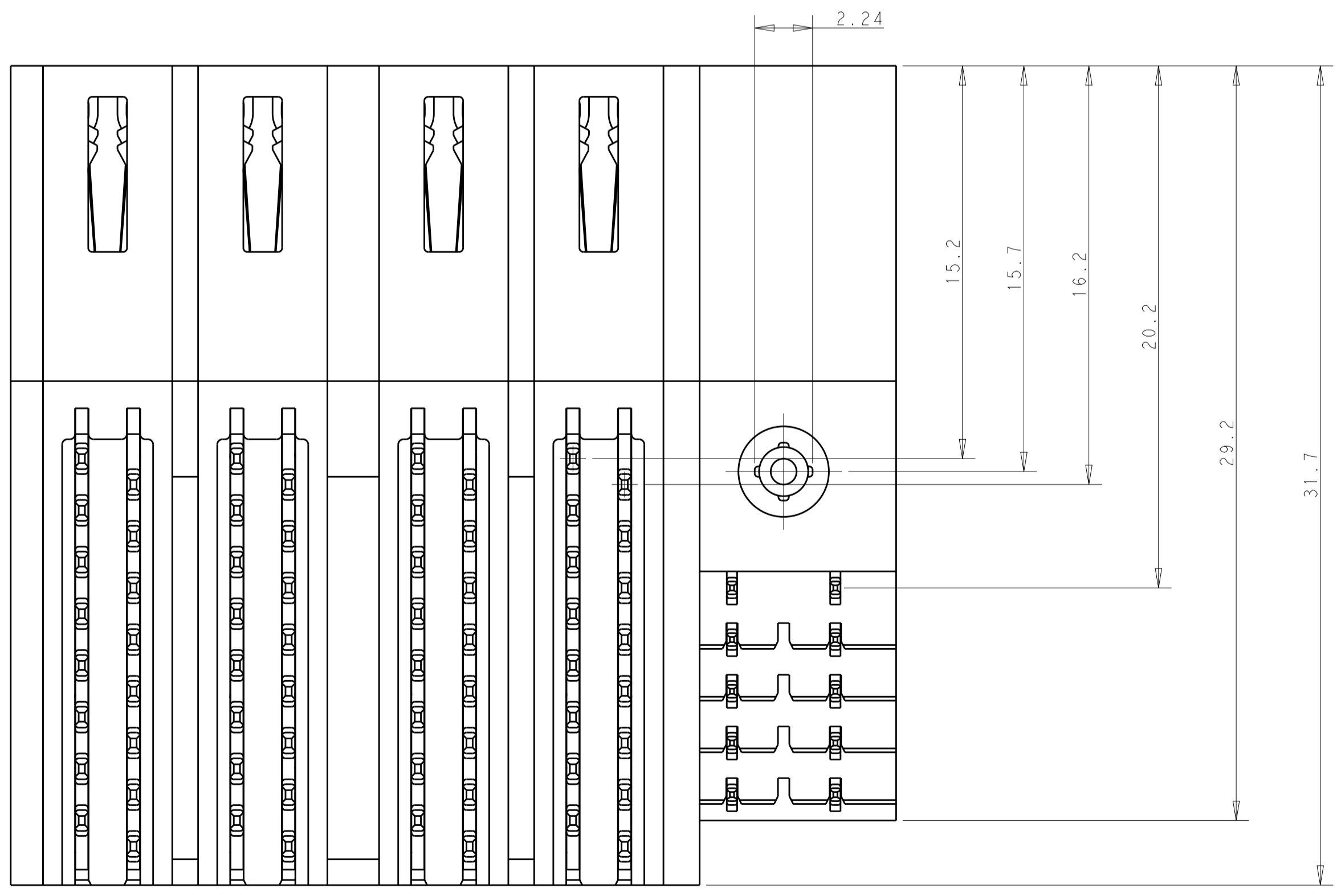


REVISIONS					
P.	LTM	DESCRIPTION	DATE	DMN	APVD
A1		ECR-16-006244	11MAY2016	TZ	SZ



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.  
 4. 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.



DIM F.	DIM E.	DIM D.	DIM C.	DIM B.	DIM A.	DESCRIPTION	PART NUMBER
6.20	10.70	6.00	-	-	36.25	4VP+20S	2204446-8
-	7.70	5.00	-	-	30.25	4P+15S	2204446-7
-	7.70	5.00	-	-	67.25	10S+1P+2P+2P+2P+2P	2204446-6
-	7.70	6.00	6.00	32.70	58.25	4VP++4VP+15S	2204446-4
-	7.70	5.00	-	-	20.25	2P+15S	2204446-3
-	7.70	6.00	6.00	32.70	58.25	15S+4VP+4VP	2204446-2
-	7.70	6.00	6.00	20.70	34.25	2VP+2VP+10S	2204446-1

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 CHK: SUNY ZHAO 17NOV2014  
 APVD: SUNY ZHAO 17NOV2014

**STE** TE Connectivity

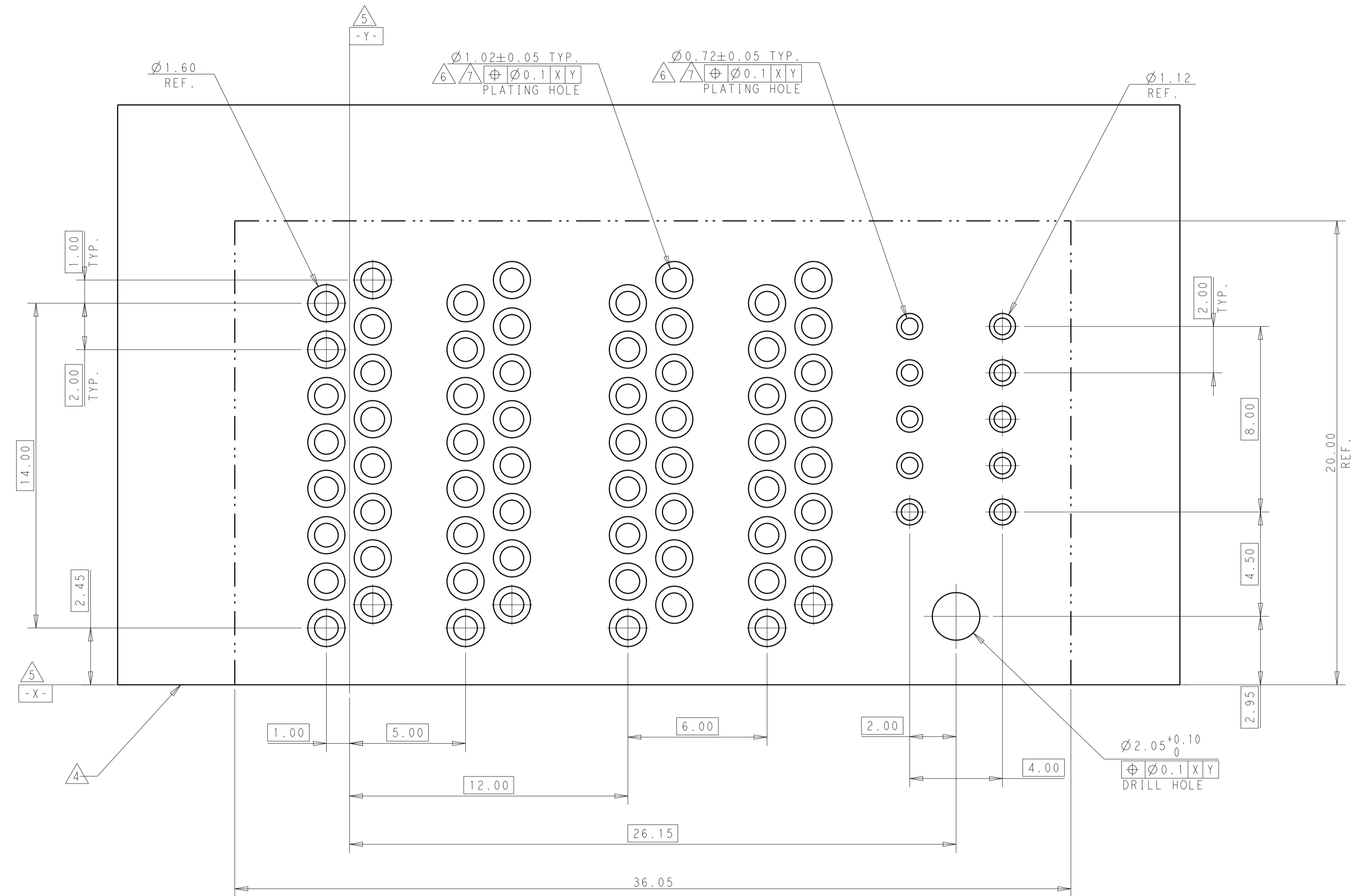
CUSTOMER DRAWING  
 R/A PLUG WITH SINGAL GIDE  
 MULTI-BEAM HD

SIZE: A1 CAGE CODE: - DRAWING NO: C=2204446 RESTRICTED TO: -  
 WEIGHT: - SCALE: 6:1 SHEET 1 OF 5 REV: A1

DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PLC ±0.4  
 1 PLC ±0.4  
 2 PLC ±0.25  
 3 PLC ±0.15  
 4 PLC ±0.0001  
 ANGLES ±0.0001

MATERIAL: 2 FINISH: 3

REVISIONS				
P.	LTN	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-

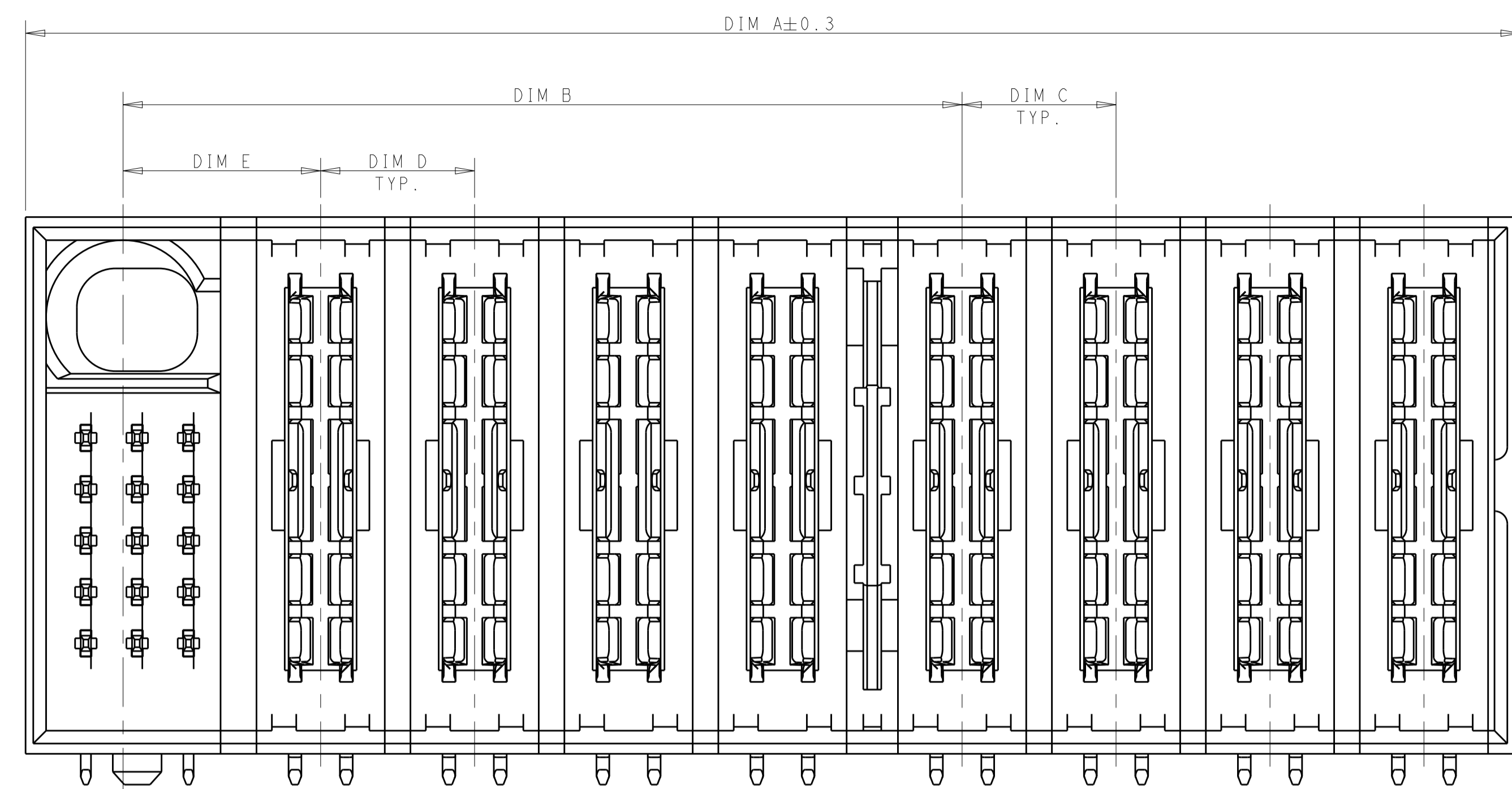


PART NUMBER	POWER				SIGNAL		ROWS
	P1	P2	P3	P4	1	2	
2204446-1	PH	PH	PH	PH			E D C B A
					SH1	SH1	
					SH1	SH1	
					SH1	SH1	

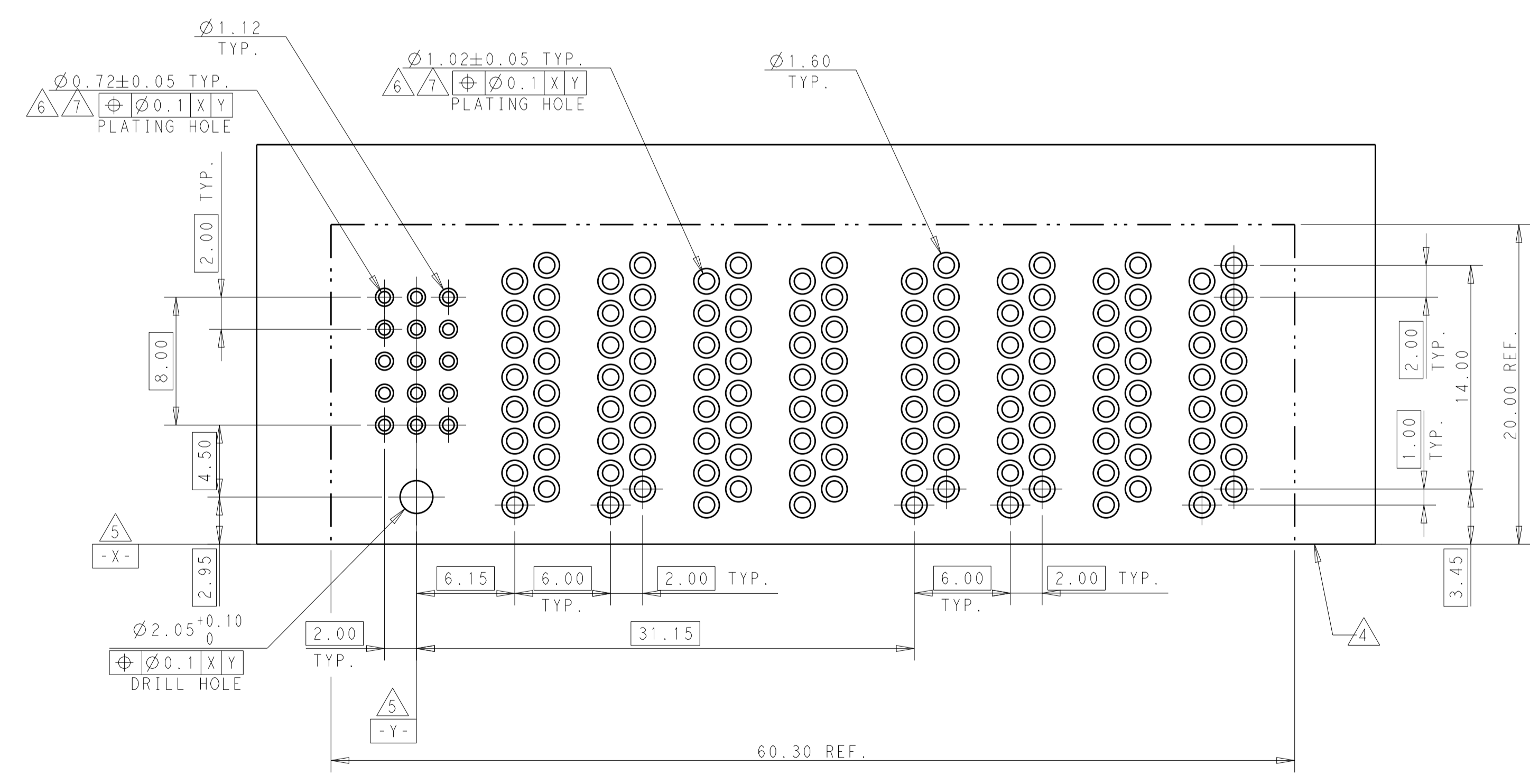
POWER CONTACT PRESS FIT	PH
SIGNAL CONTACT STANDARD PRESS FIT	SH1
SIGNAL CONTACT MLBF PRESS FIT	SH2
SIGNAL CONTACT SPECIAL PRESS FIT	SH3
HP/SIGNAL WITH SINGAL GUIDE	HOUSING
DESCRIPTION	CODE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN THOMAS ZHAO 17NOV2014 CHK SUNY ZHAO 17NOV2014 APVD SUNY ZHAO 17NOV2014	TE Connectivity
DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.4 2 PLC ±0.25 3 PLC ±0.15 4 PLC ±0.0001 ANGLES ±0.0001	NAME CUSTOMER DRAWING R/A PLUG WITH SINGAL GUIDE MULTI-BEAM HD	SIZE A1 CAGE CODE DRAWING NO. C=2204446 RESTRICTED TO
MATERIAL	FINISH	WEIGHT	SCALE 6:1 SHEET 2 OF 5 REV A1
CUSTOMER DRAWING			

REVISIONS				
P.	LTN.	DESCRIPTION	DATE	APPD.
-	-	SEE SHEET 1	-	-

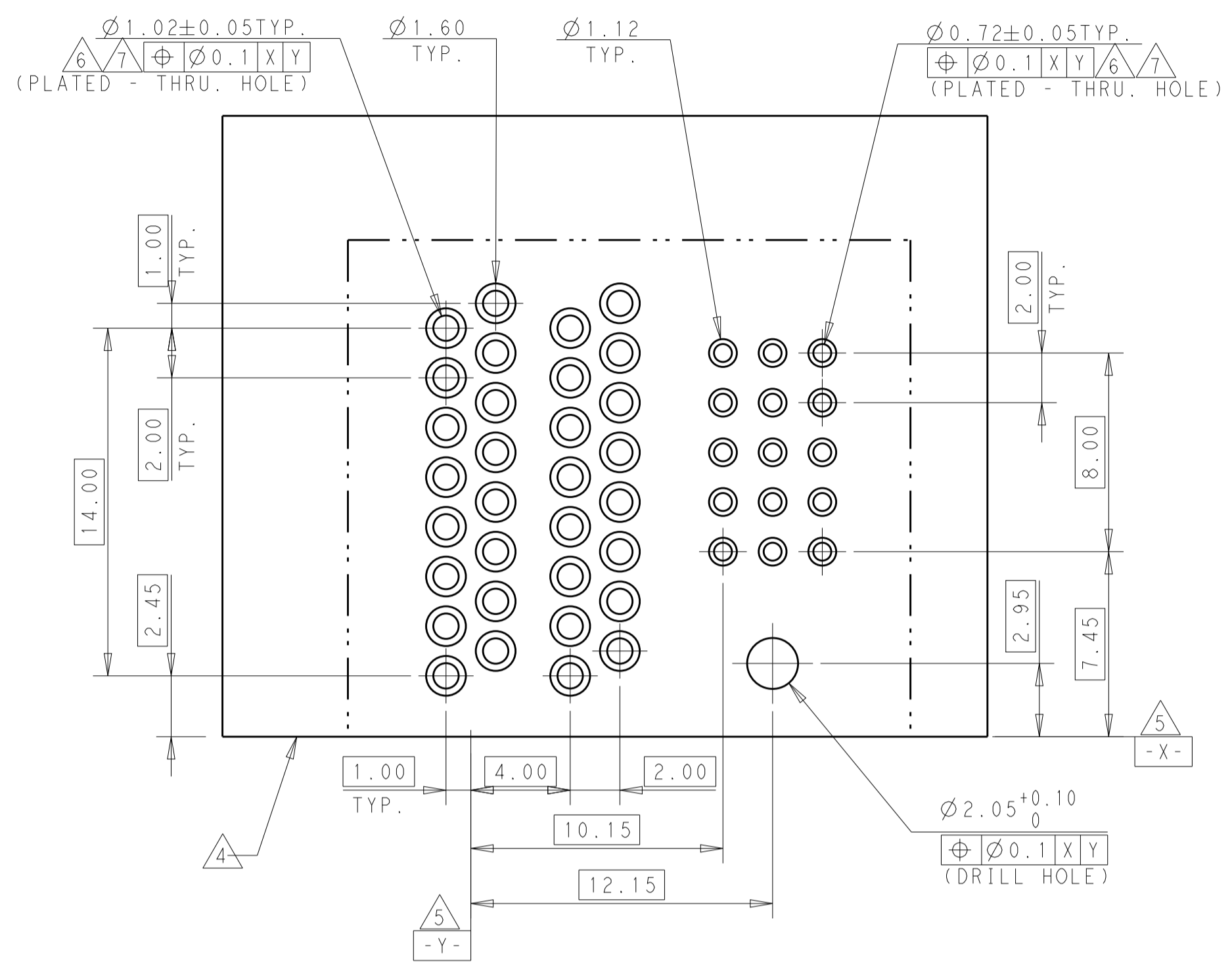


PART NUMBER	ROWS	SIGNAL			POWER							
		1	2	3	P1	P2	P3	P4	P5	P6	P7	P8
2204446-2	E	SH	SH	SH	PH	PH	PH	PH	PH	PH	PH	PH
	D	SH	SH	SH								
	C	SH	SH	SH								
	B	SH	SH	SH								
	A	SH	SH	SH								
15S+4VP+4VP												



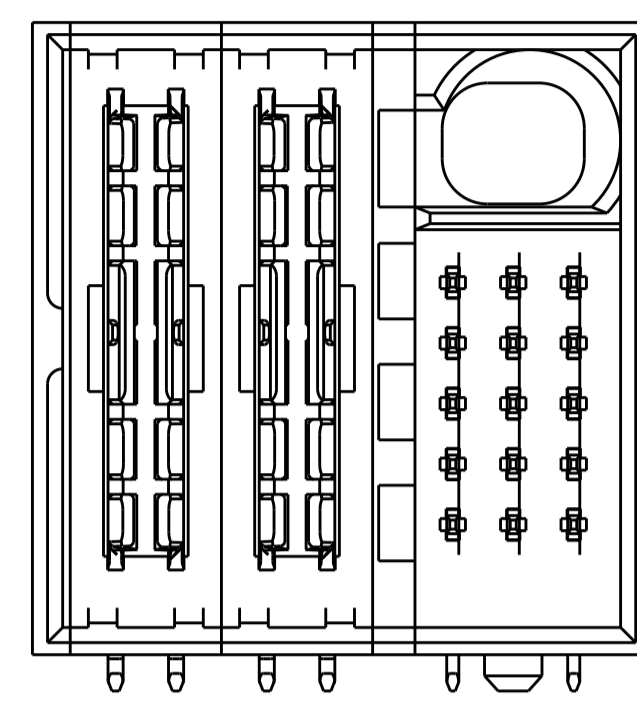
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN THOMAS_ZHAO 17NOV2014	TE Connectivity
DIMENSIONS: mm		CHK SUNY_ZHAO 17NOV2014	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SUNY_ZHAO 17NOV2014	NAME CUSTOMER DRAWING
0 PLC ±0.4	1 PLC ±0.4	PRODUCT SPEC	R/A PLUG WITH SINGAL GIDE
2 PLC ±0.25	3 PLC ±0.15	APPLICATION SPEC	MULTI-BEAM HD
4 PLC ±0.0001	ANGLES ±	WEIGHT	SIZE A1
MATERIAL	FINISH	CUSTOMER DRAWING	CAGE CODE DRAWING NO. C=2204446
4805 (3/13)		SCALE 6:1	SHEET 3 OF 5

REVISIONS				
P.	LTN	DESCRIPTION	DATE	APP'D
-	-	SEE SHEET 1	-	-

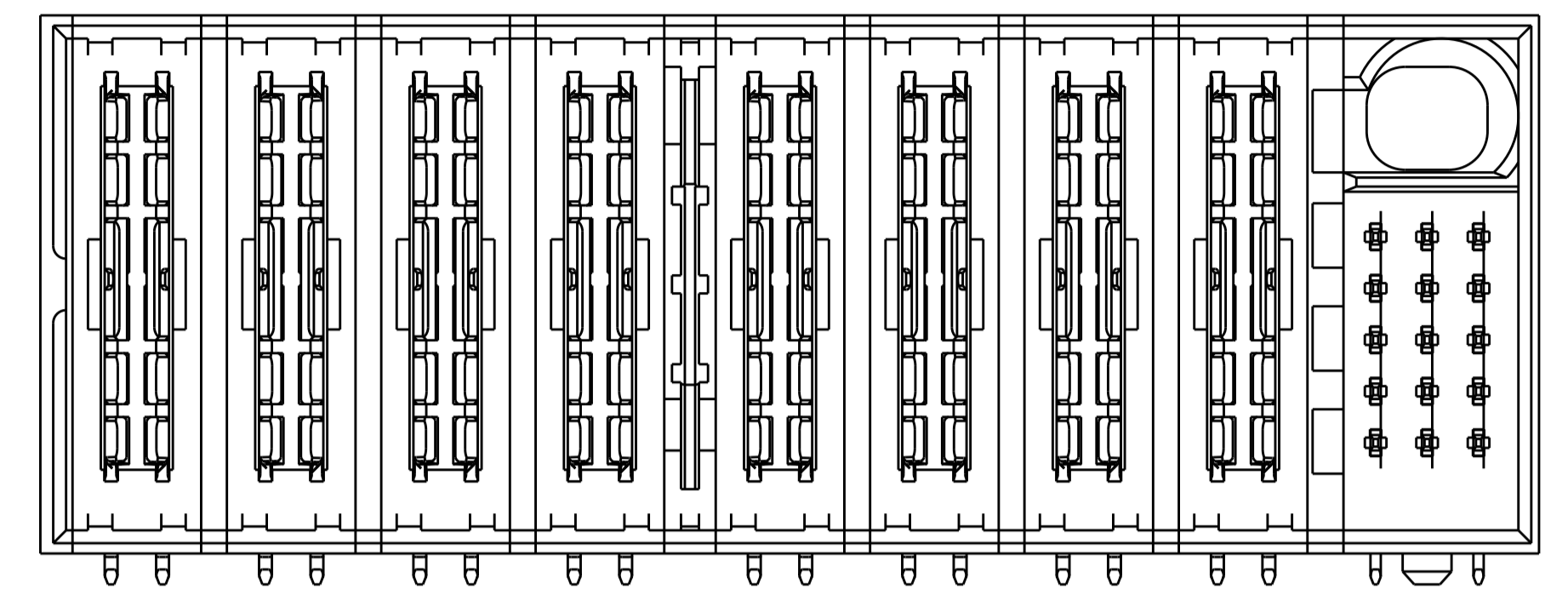


LAYOUT FOR P/N: 2204446-3

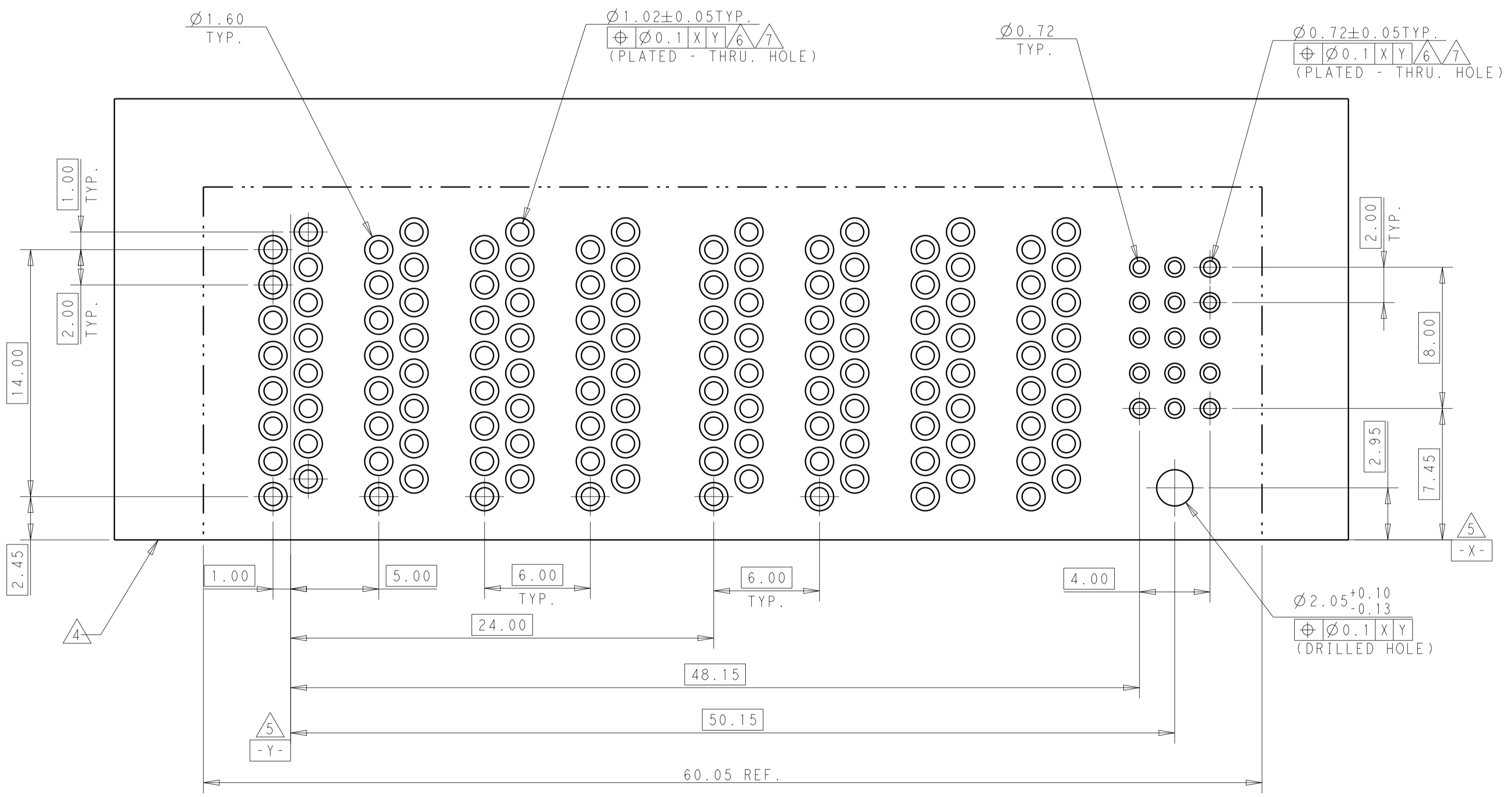
PART NUMBER	POWER		SIGNAL			ROWS
	P1	P2	1	2	3	
2204446-3	PH	PH	SH	SH	SH	E D C B A
2P+15S						



P/N: 2204446-3



P/N: 2204446-4



PART NUMBER	POWER								SIGNAL			ROWS
	P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	
2204446-4	PH	PH	PH	PH	PH	PH	PH	PH	SH	SH	SH	E D C B A
4VP+4VP+15S												

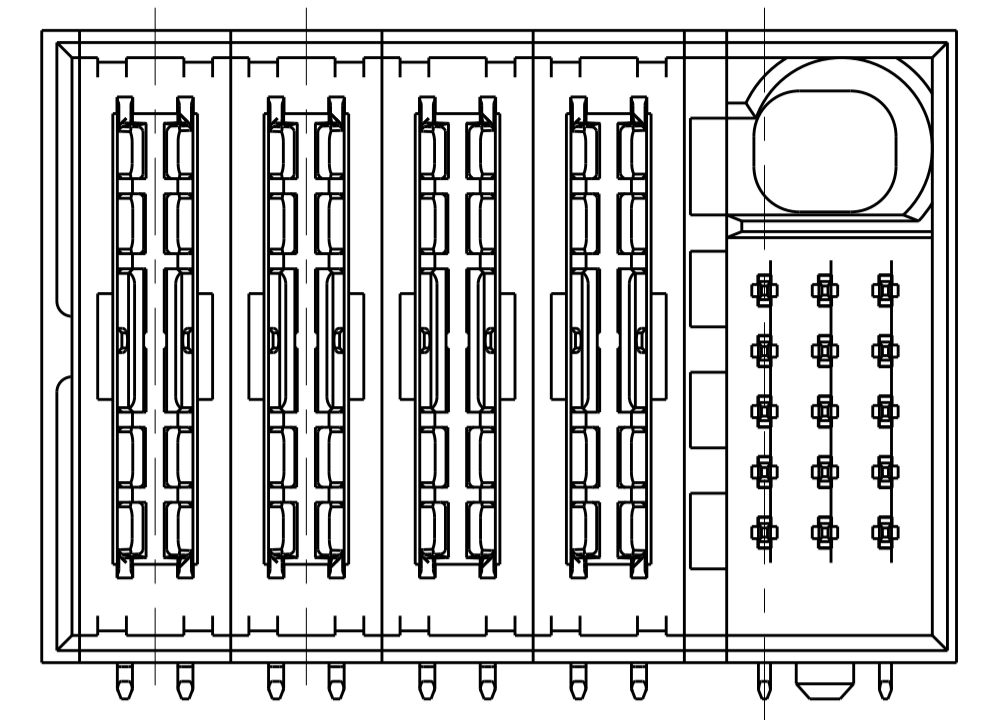
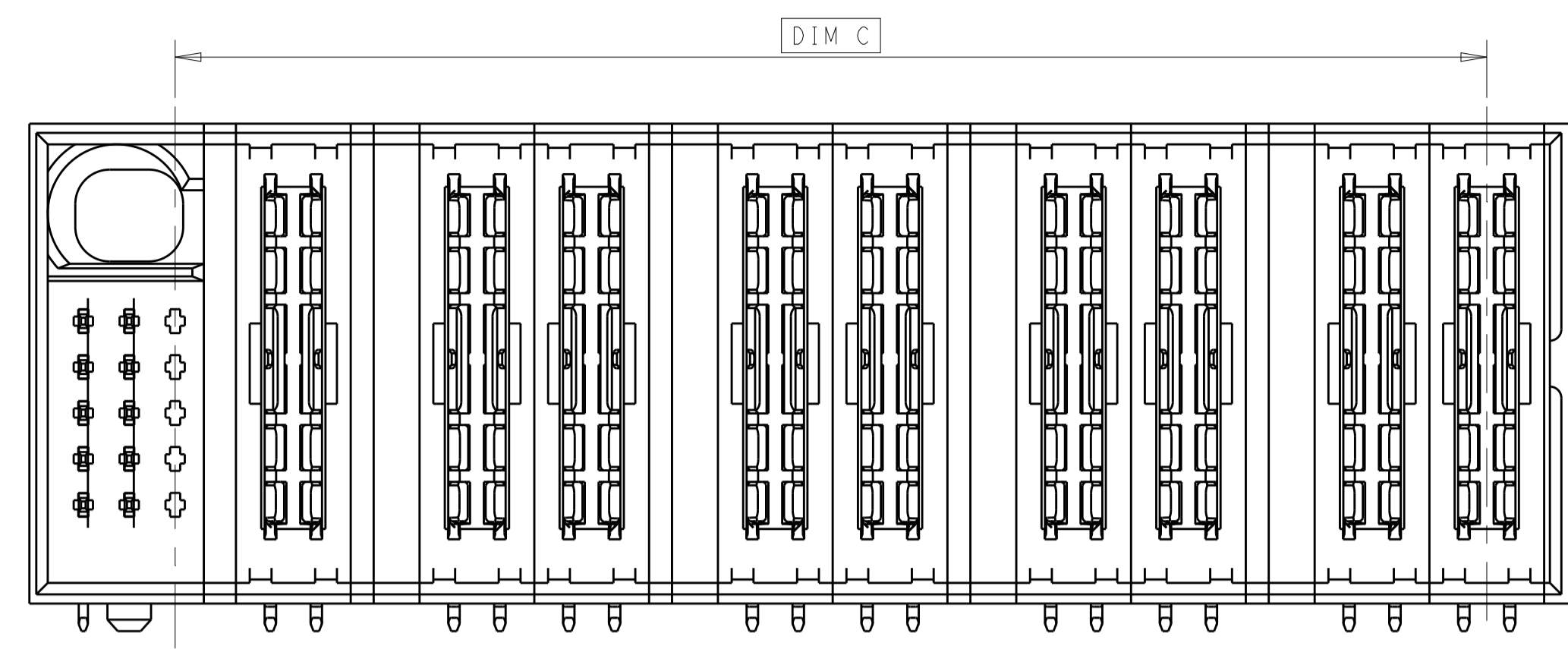
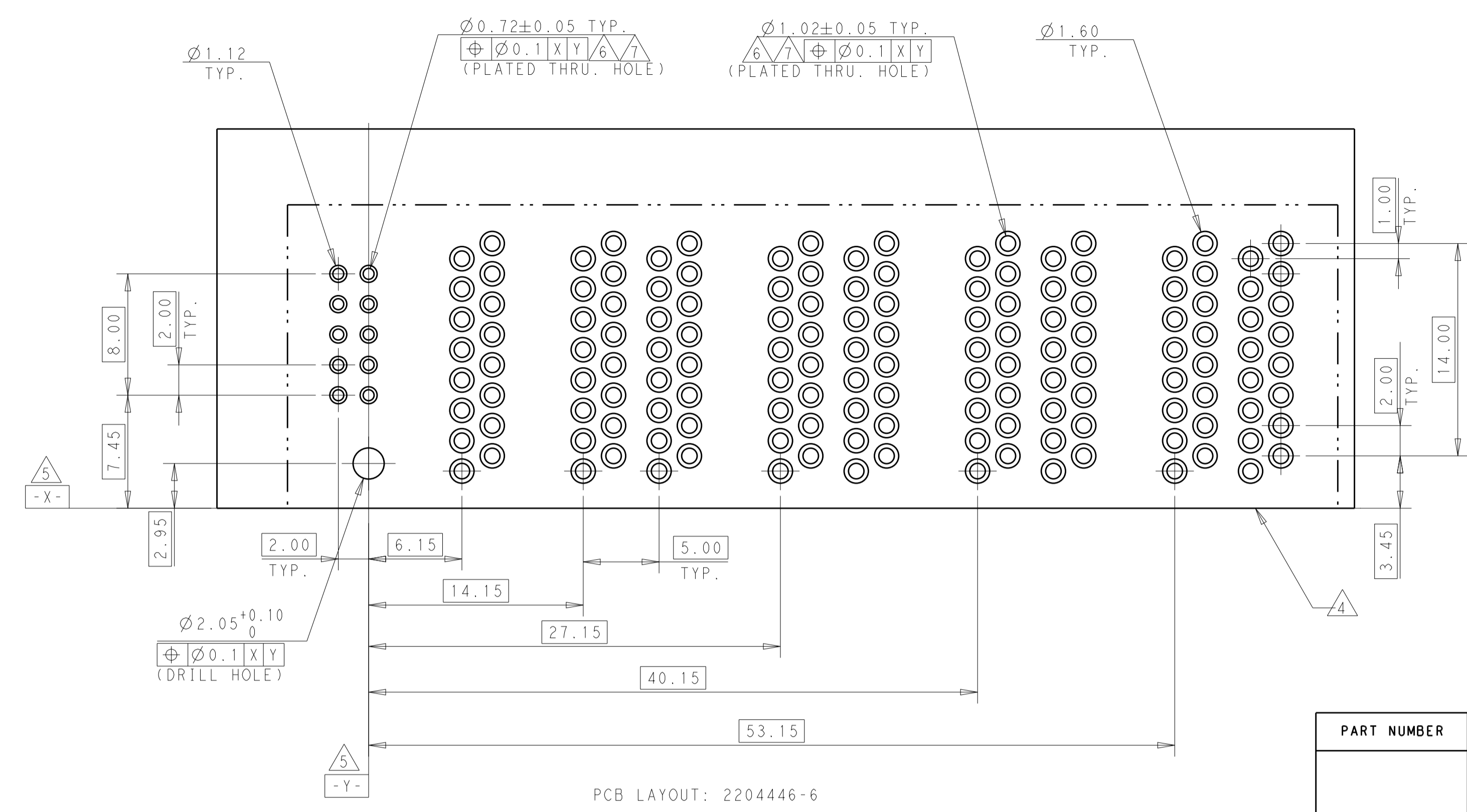
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 CHK: SUNY\_ZHAO 17NOV2014  
 APVD: SUNY\_ZHAO 17NOV2014

**STE** TE Connectivity

CUSTOMER DRAWING  
 R/A PLUG WITH SINGAL GIDE  
 MULTI-BEAM HD

SCALE: 6:1 SHEET 4 OF 5 REV: A1

REVISIONS				
P.	LTN.	DESCRIPTION	DATE	OWN. APVD.
-	-	SEE SHEET 1	-	-

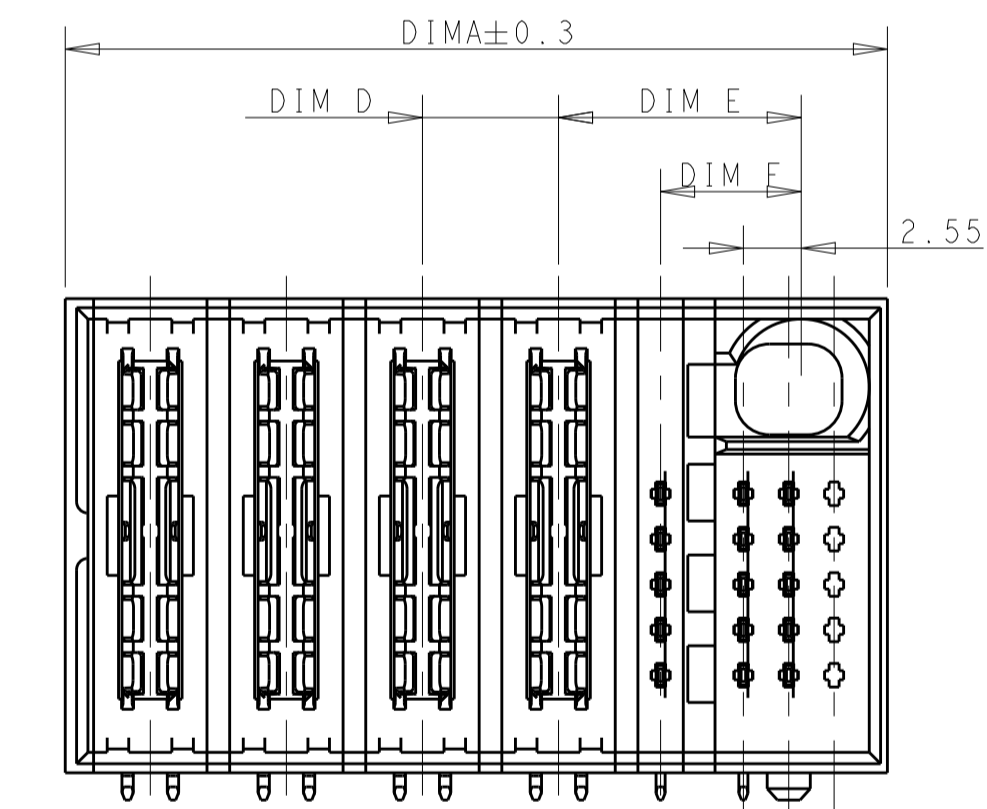
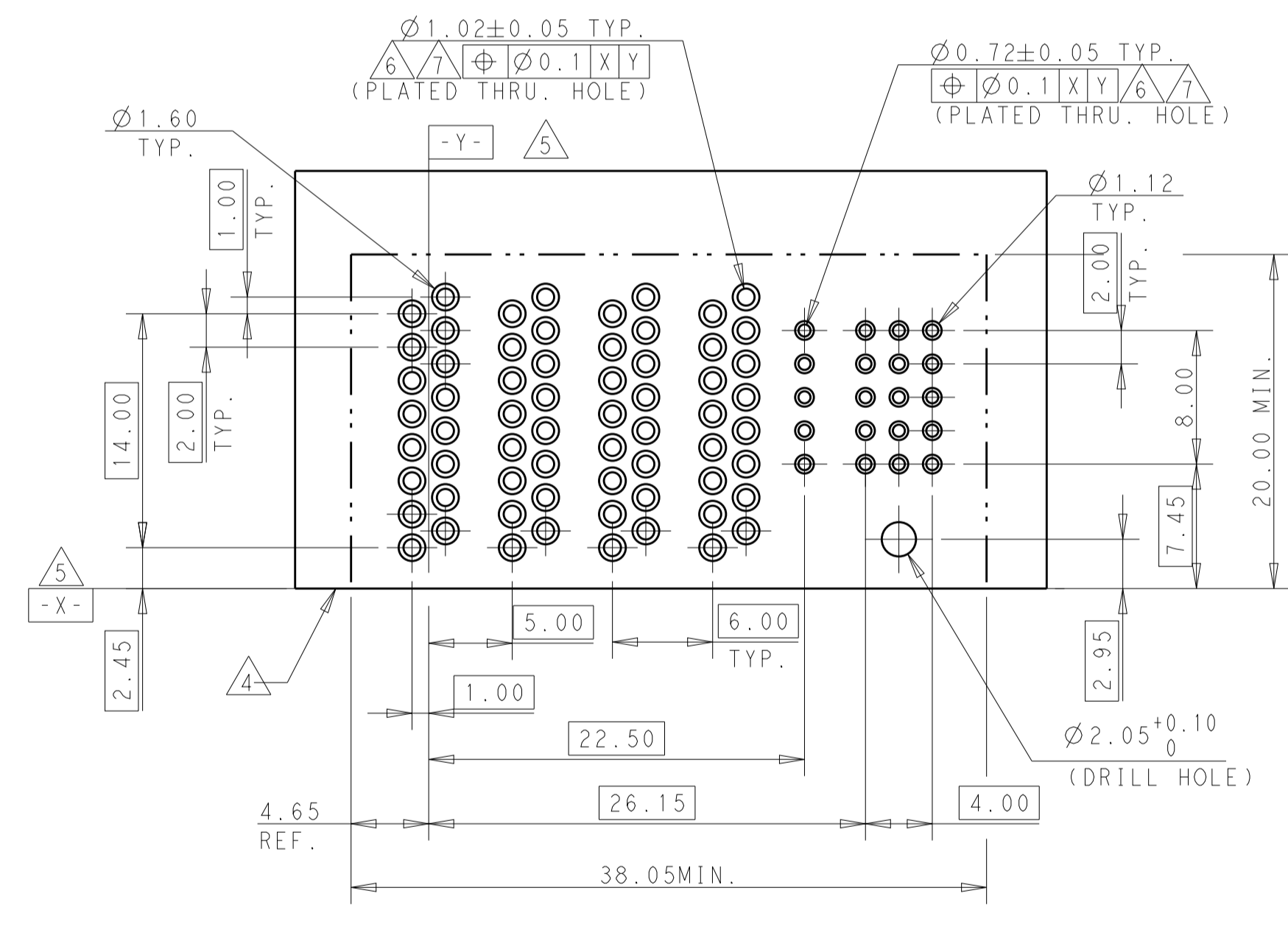
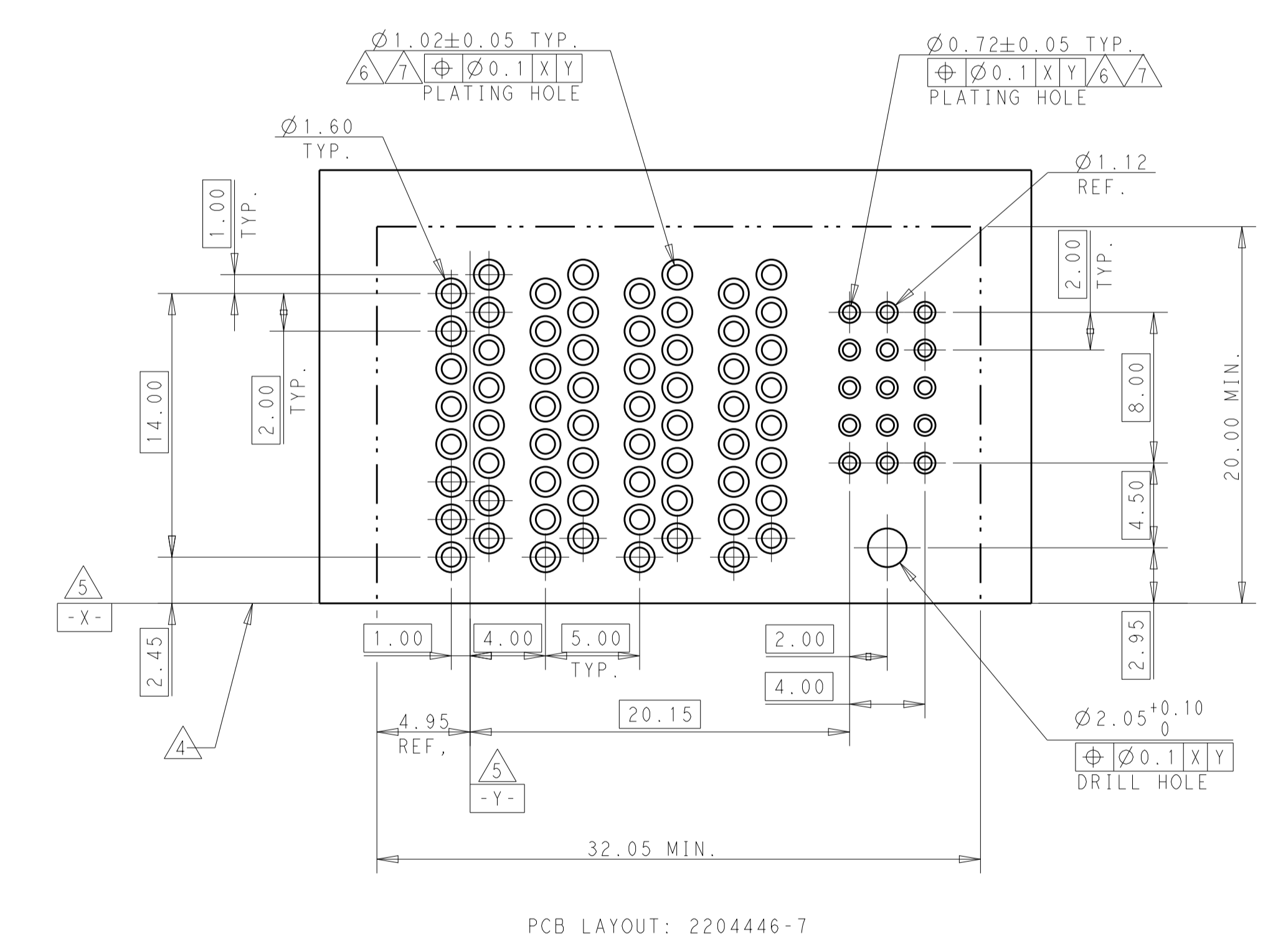


PART NUMBER: 2204446-6

PART NUMBER: 2204446-7

PART NUMBER	ROWS	SIGNAL		POWER										
		1	2	P1	P2	P3	P4	P5	P6	P7	P8	P9		
2204446-6	E	SH	SH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH
	D	SH	SH											
	C	SH	SH											
	B	SH	SH											
		10S+1P+2P+2P+2P+2P												

PART NUMBER	POWER				SIGNAL			ROWS
	P1	P2	P3	P4	1	2	3	
2204446-7	PH	PH	PH	PH	SH	SH	SH	
					SH	SH	SH	
					SH	SH	SH	
					SH	SH	SH	
		4P+15S						



PART NUMBER: 2204446-8

PART NUMBER	POWER				SIGNAL				ROWS
	P1	P2	P3	P4	1	2	3	4	
2204446-8	PH	PH	PH	PH	SH	SH	SH	SH	
					SH	SH	SH	SH	
					SH	SH	SH	SH	
					SH	SH	SH	SH	
		4VP+20S							

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: THOMAS\_ZHAO 17NOV2014  
 CHK: SUNY\_ZHAO 17NOV2014  
 APVD: SUNY\_ZHAO 17NOV2014

**STE** TE Connectivity

CUSTOMER DRAWING  
 R/A PLUG WITH SINGAL GIDE  
 MULTI-BEAM HD

SIZE: A1 CAGE CODE: - DRAWING NO: C=2204446 SHEET 5 OF 5 REV A1

SCALE: 6:1

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