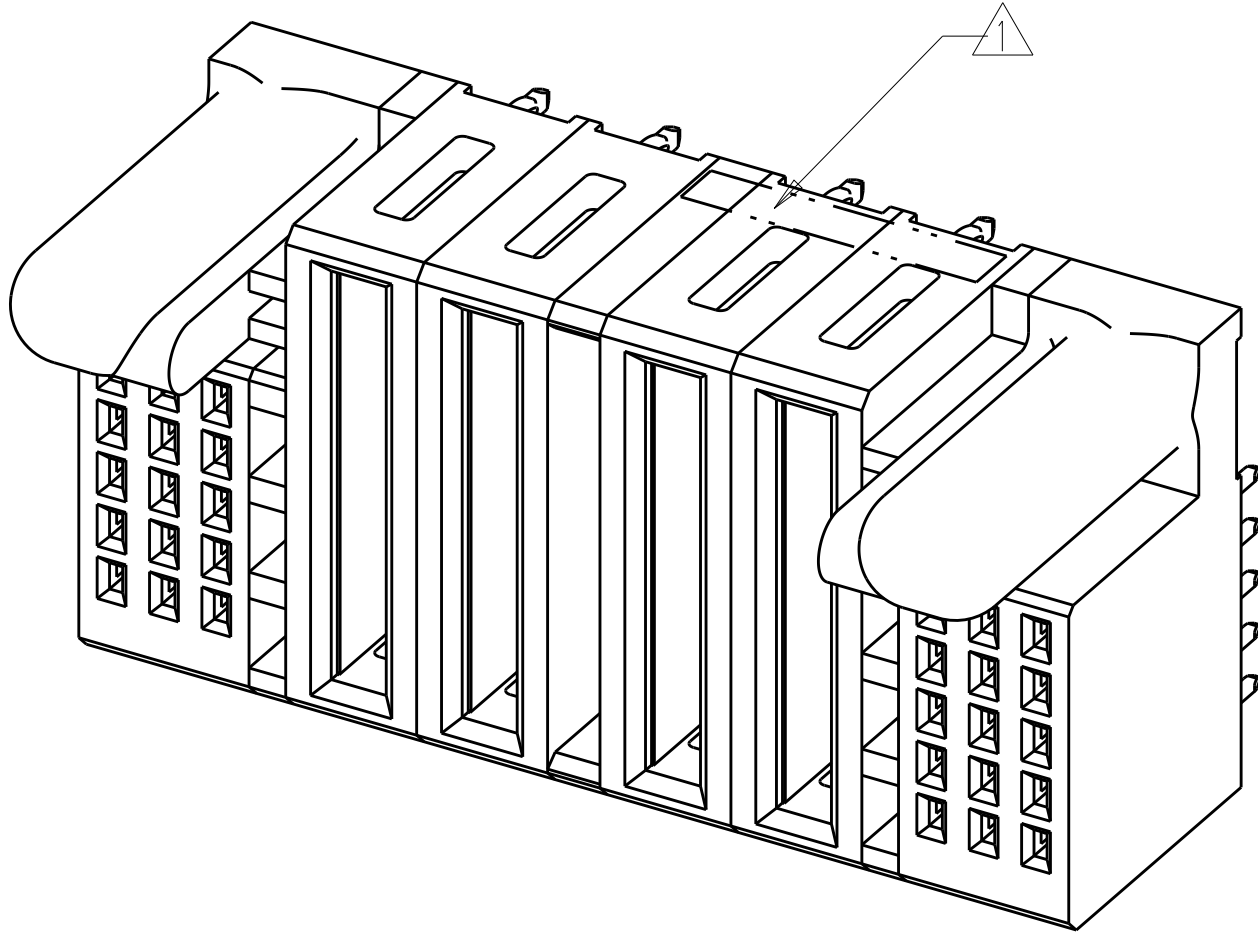
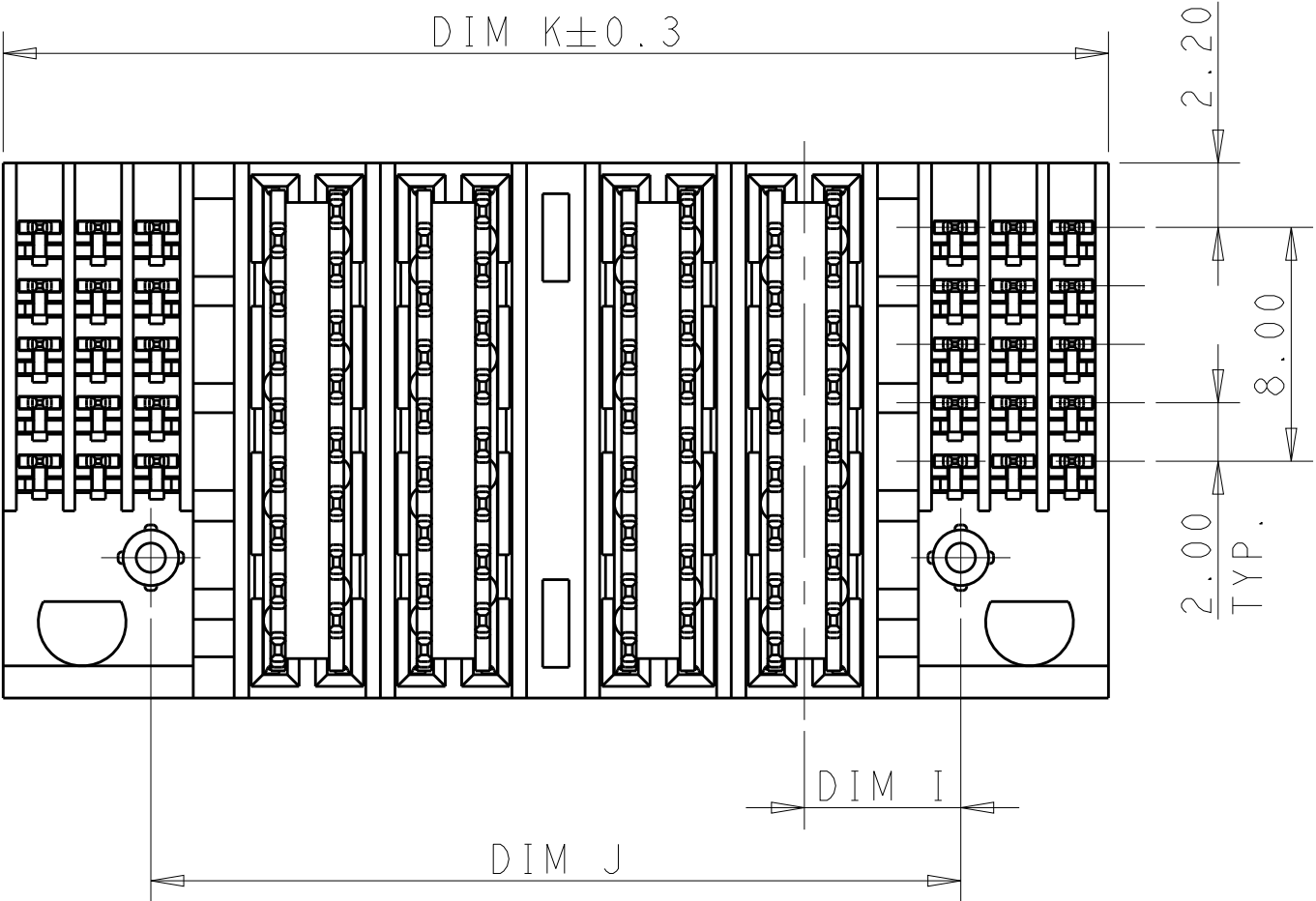
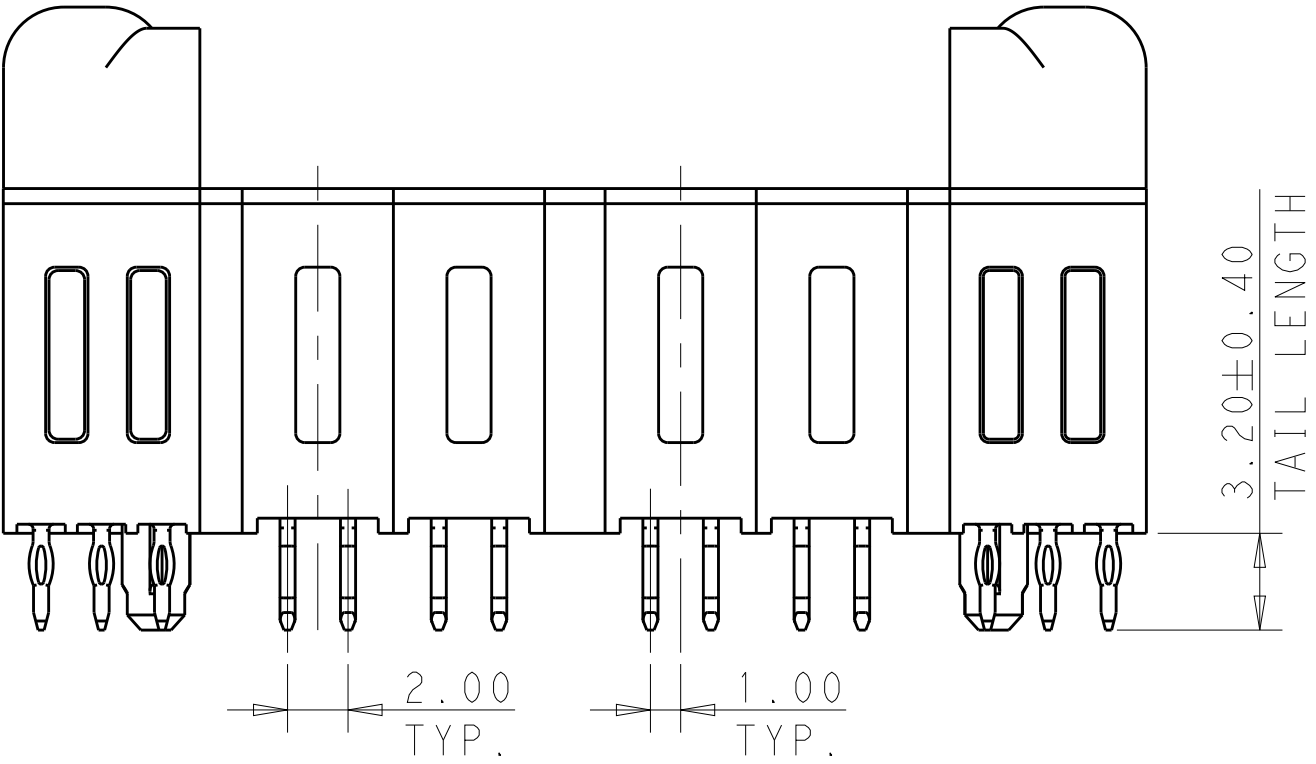
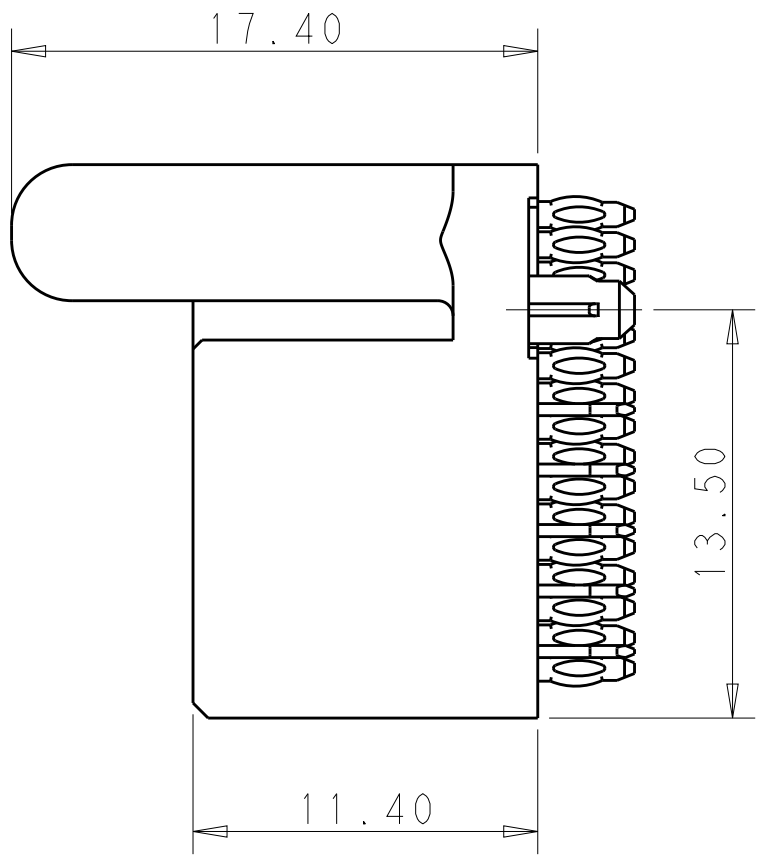
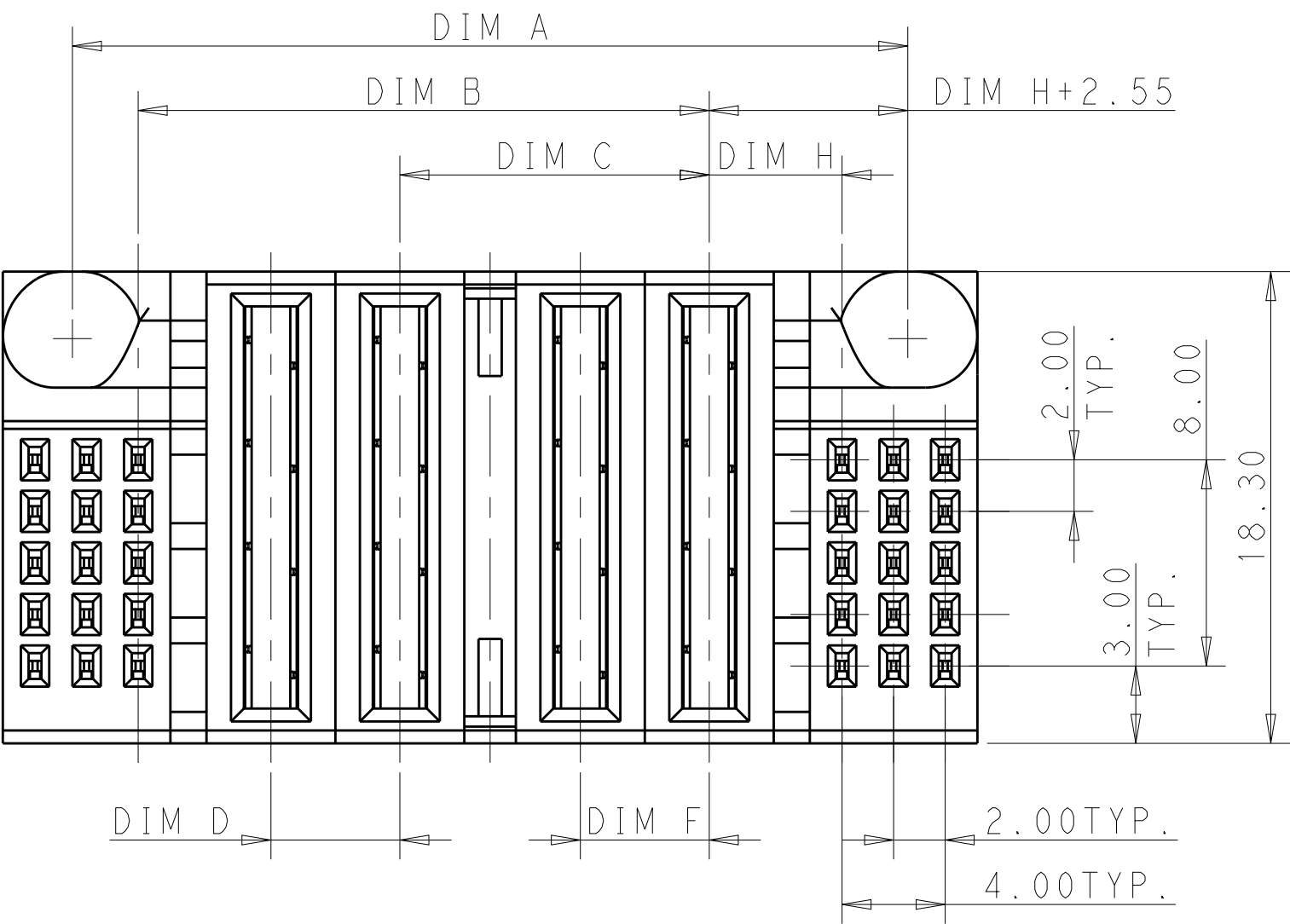


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
			A	RELEASED DRAWING	22DEC2015	TZ	SZ	
			A1	ECR-16-017528	20DEC2016	TZ	SZ	
			A2	ECR-17-003044	08MAR2017	TZ	SZ	



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.

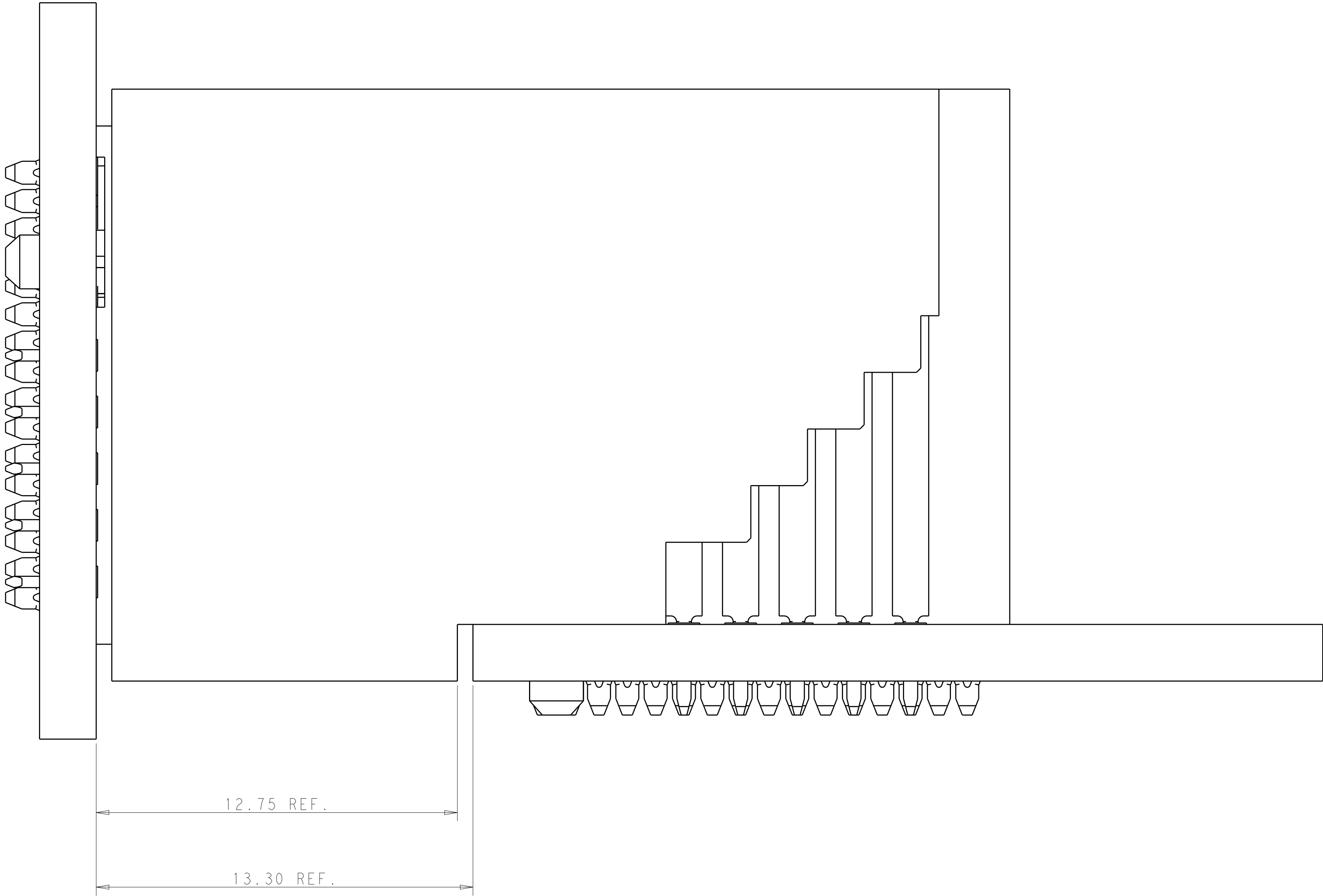
7 PCB HOLE:

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.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN THOMAS ZHAO Z0DEC2012	TE Connectivity	
DIMENSIONS:		CHK SUNY ZHAO Z0DEC2012		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SUNY ZHAO Z0DEC2012	NAME Customer Drawing	
	0 PLC	±0.4	PRODUCT SPEC	
	1 PLC	±0.4	APPLICATION SPEC	
	2 PLC	±0.25	SIZE	
	3 PLC	±0.15	CAGE CODE	
	4 PLC	±0.15	DRAWING NO	
	ANGLES	±0.15	RESTRICTED TO	
MATERIAL	FINISH	WEIGHT	A100779C=2204420	
2	3	CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 7 REV A2	

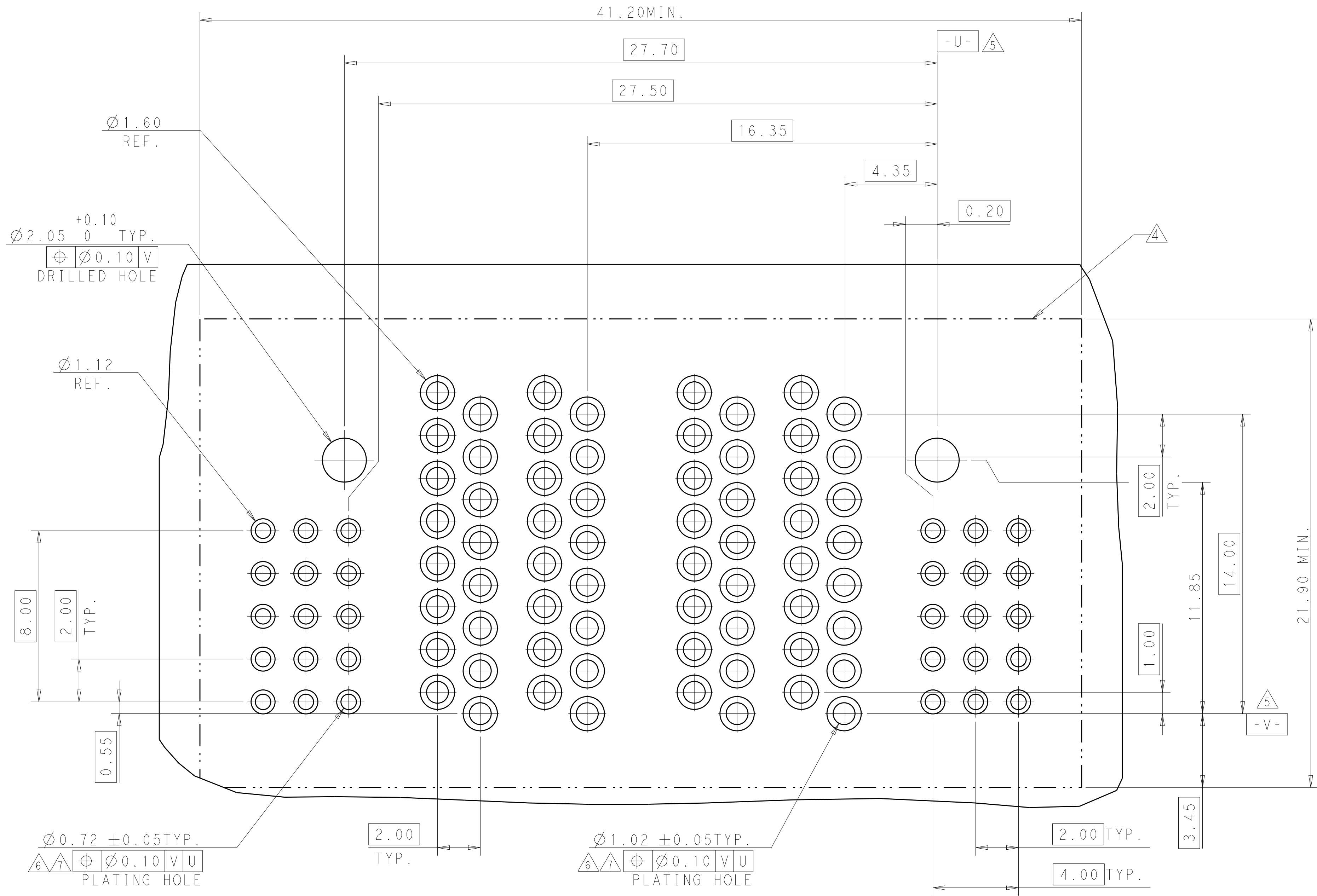
LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
			-	SEE SHEET 1		-	-	-

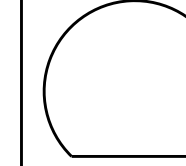
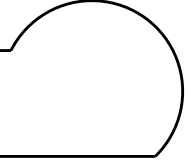


THE DISTANCE IS 0.05 MM MATING FACE
FROM R/A HEADER TO VERTICAL RECEPTACLE.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN THOMAS_ZHAO	ZODEC2012	TE Connectivity		
		CHK SUNY_ZHAO	ZODEC2012			
		APVD SUNY_ZHAO	ZODEC2012	NAME Customer Drawing		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
mm		0 PLC ±0.4		APPLICATION SPEC		
		1 PLC ±0.4		SIZE		
		2 PLC ±0.25		CAGE CODE		
		3 PLC ±0.15		DRAWING NO		
		4 PLC ±		RESTRICTED TO		
		ANGLES ±		A100779C=2204420		
		FINISH		REV A2		
MATERIAL		-		CUSTOMER DRAWING		
		--		SCALE 4:1 SHEET 2 OF 7		

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



PART NUMBER	ROWS	SIGNAL			POWER				SIGNAL						
		6	5	4	P4	P3	P2	P1	3	2	1				
2204420-1															
	E	SM	SM	SM					PM	PM	PM	PM	SM	SM	SM
	D	SM	SM	SM									SM	SM	SM
	C	SM	SM	SM									SM	SM	SM
	B	SM	SM	SM									SM	SM	SM
	A	SM	SM	SM									SM	SM	SM
15S+2P+2P+15S															

42.40	32.15	17.00	5.00	5.00	5.15	5.35	37.70	47.80	15S+3P+3P+15S	1-2204420-1
50.40	40.15	21.00	7.00	7.00	5.15	5.35	45.70	55.80	15S+3HVP+3HVP+15S	1-2204420-0
42.40	32.15	17.00	5.00	5.00	5.15	5.35	37.70	47.80	15S+3P+3P+15S	2204420-9
19.40	15.15	-	-	5.00	5.15	5.35	20.70	30.80	15S+3P+12S	2204420-8
22.40	12.15	7.00	-	-	5.15	5.35	17.70	27.80	15S+1P+1P+15S	2204420-6/7
62.40	52.15	27.00	5.00	5.00	5.15	5.35	57.70	67.80	10S+5P+5P+10S	2204420-5
92.40	82.15	42.00	5.00	5.00	5.15	5.35	87.70	97.80	15S+8P+8P+15S	2204420-3
78.40	68.15	42.00	7.00	5.00	5.15	5.35	73.70	83.80	15S+8P+4P+15S	2204420-2
32.40	22.15	12.00	5.00	5.00	5.15	5.35	27.70	37.80	15S+2P+2P+15S	2204420-1
DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN THOMAS ZHAO ZODEC2012
CHK SUNY ZHAO ZODEC2012
APVD SUNY ZHAO ZODEC2012

DIMENSIONS:
mm

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

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 ±0.15

FINISH

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

Customer Drawing
VERTICAL RECEPTACLE
MULTI-BEAM HD S+P+P+S

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

SCALE

4:1

SHEET

3

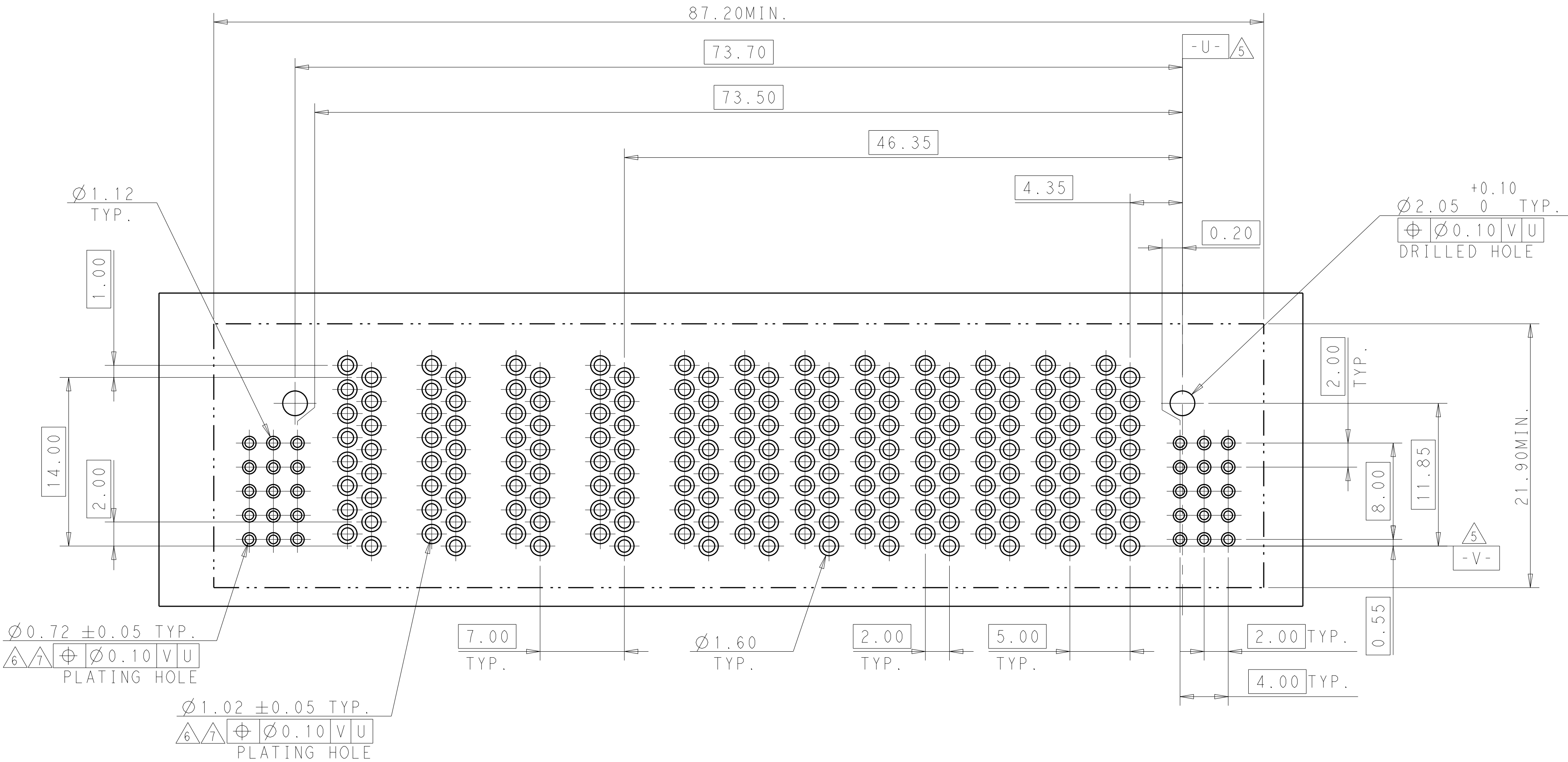
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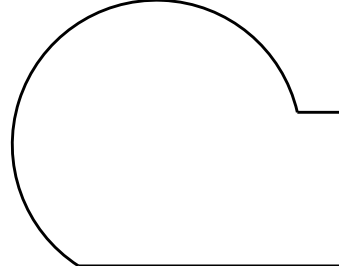
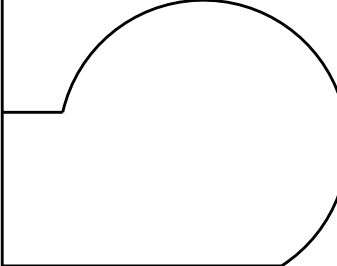
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REV

A2

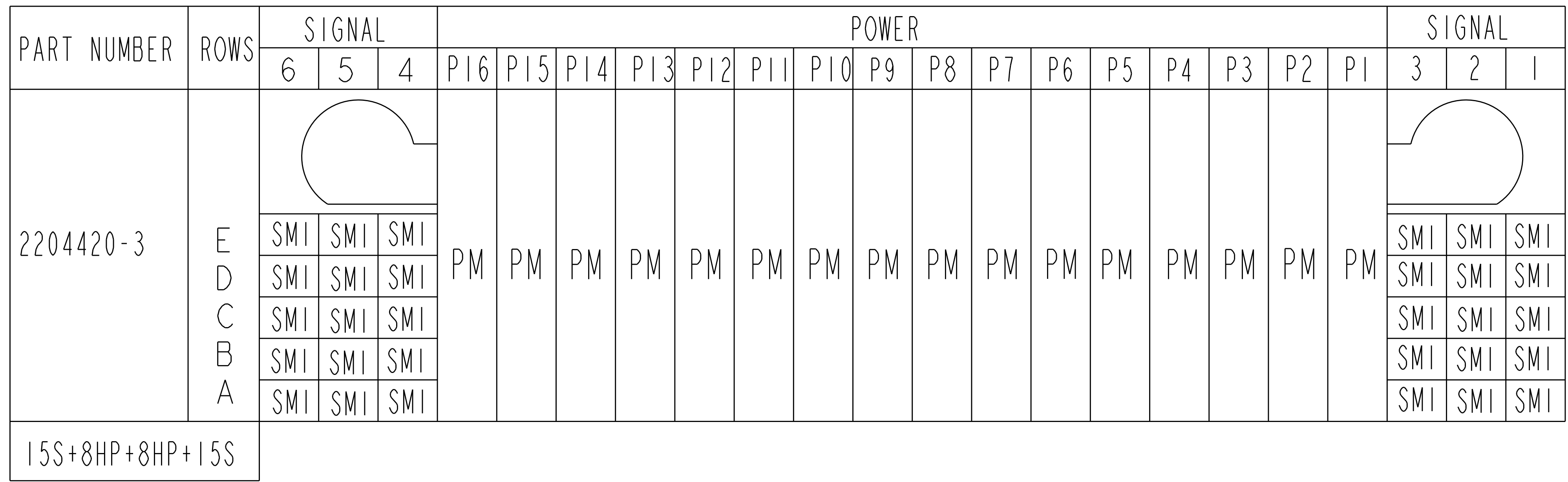
LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
			-	SEE SHEET 1		-	-	-



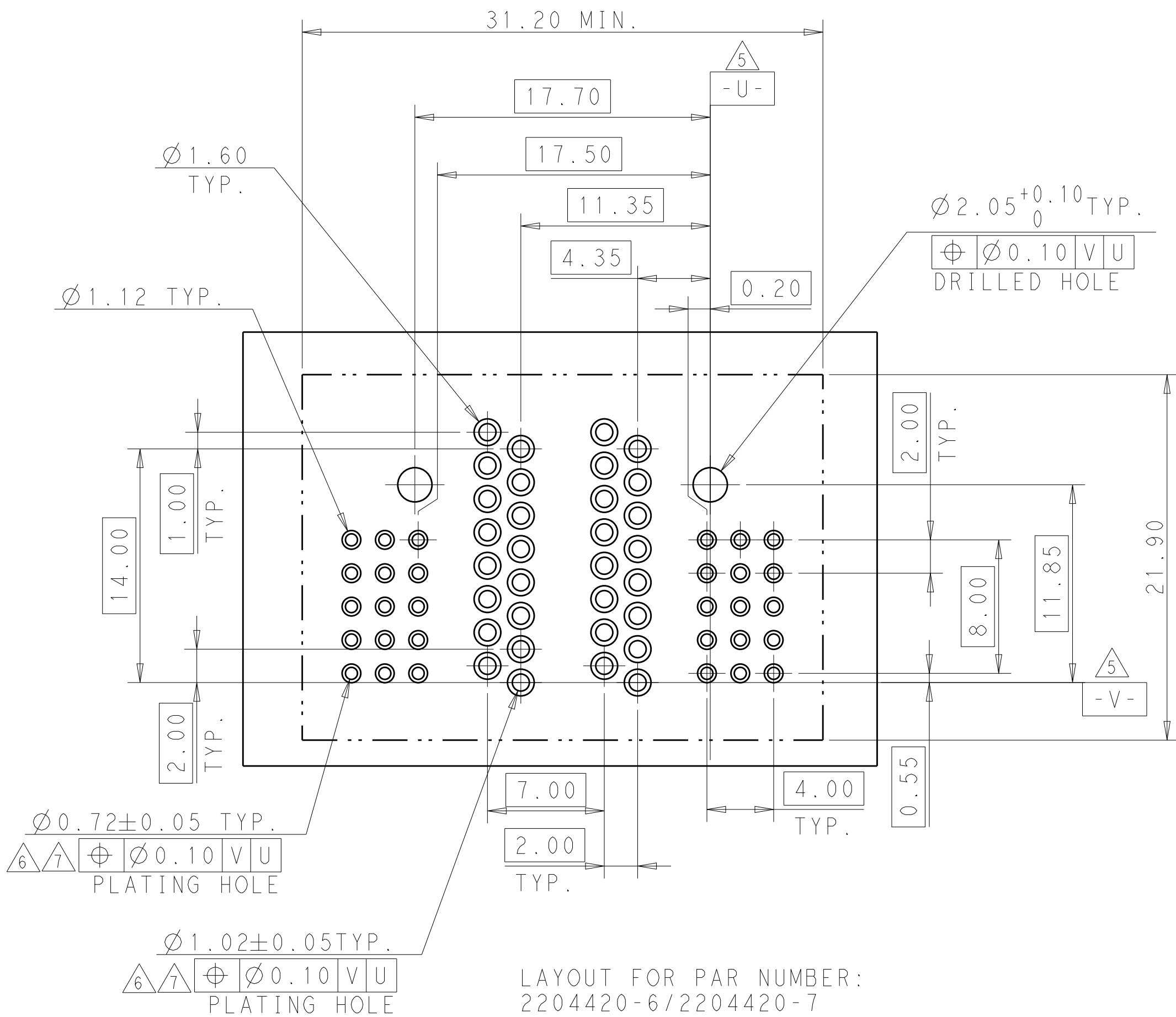
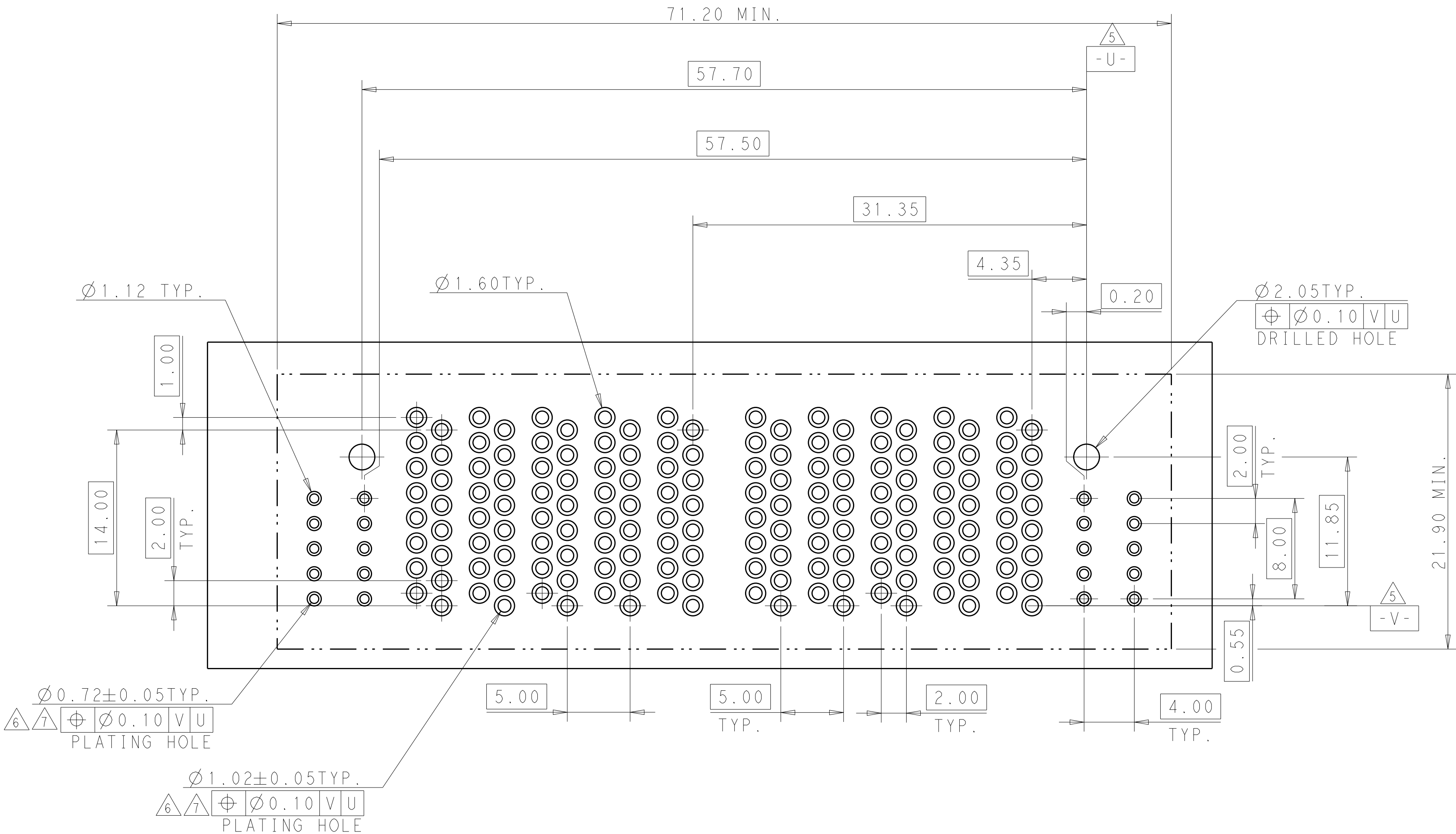
PART NUMBER	ROWS	SIGNAL			POWER											SIGNAL			
		6	5	4	PI2	PI1	PI0	P9	P8	P7	P6	P5	P4	P3	P2	PI	3	2	1
2204420-2	E D C B A				PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM			
		SMI	SMI	SMI													SMI	SMI	SMI
		SMI	SMI	SMI													SMI	SMI	SMI
		SMI	SMI	SMI													SMI	SMI	SMI
		SMI	SMI	SMI													SMI	SMI	SMI
		SMI	SMI	SMI													SMI	SMI	SMI
15S+8HP+4HP+15S																			

SIGNAL CONTACT	SM1
POWER CONTACT STANDARD	PN
POWER CONTACT MFBL	PM
DESCRIPTION	IDENTIFIER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN THOMAS_ZHAO Z0DEC2012	 TE Connectivity		
		CHK SUNY_ZHAO Z0DEC2012			
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APD SUNY_ZHAO Z0DEC2012	NAME	Customer Drawing	
mm				VERTICAL RECEPTACLE	
	0 PLC ±0.4	PRODUCT SPEC		MULTI-BEAM HD S+P+P+S	
	1 PLC ±0.4	APPLICATION SPEC			
	2 PLC ±0.25				
	3 PLC ±0.15				
	4 PLC ±0.15	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
	ANGLES ±	A1	00779	C2204420	-
MATERIAL	FINISH	WEIGHT			
-	-	-			
CUSTOMER DRAWING		SCALE	4:1	SHEET	4 OF 7
				REV	A2



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

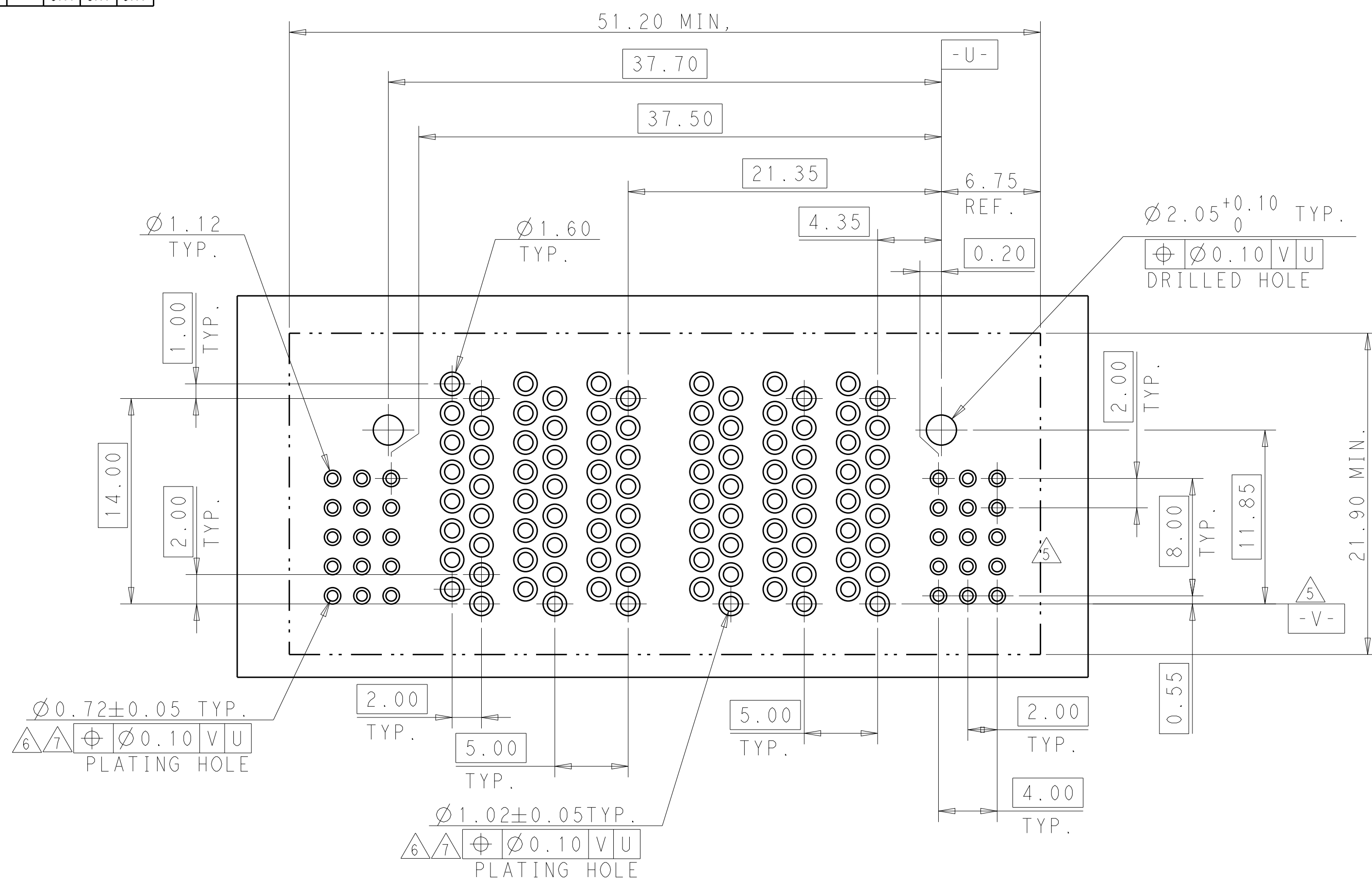


LAYOUT FOR PAR NUMBER:
2204420-6/2204420-7

PART NUMBER	ROWS	SIGNAL			POWER										SIGNAL		
		4		3	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	2		1
2204420-5	E																
	D																
	C	SMI		SMI	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	SMI		SMI
	B	SMI		SMI											SMI		SMI
	A	SMI		SMI											SMI		SMI
		SMI		SMI											SMI		SMI
10S+5HP+5HP+10S																	

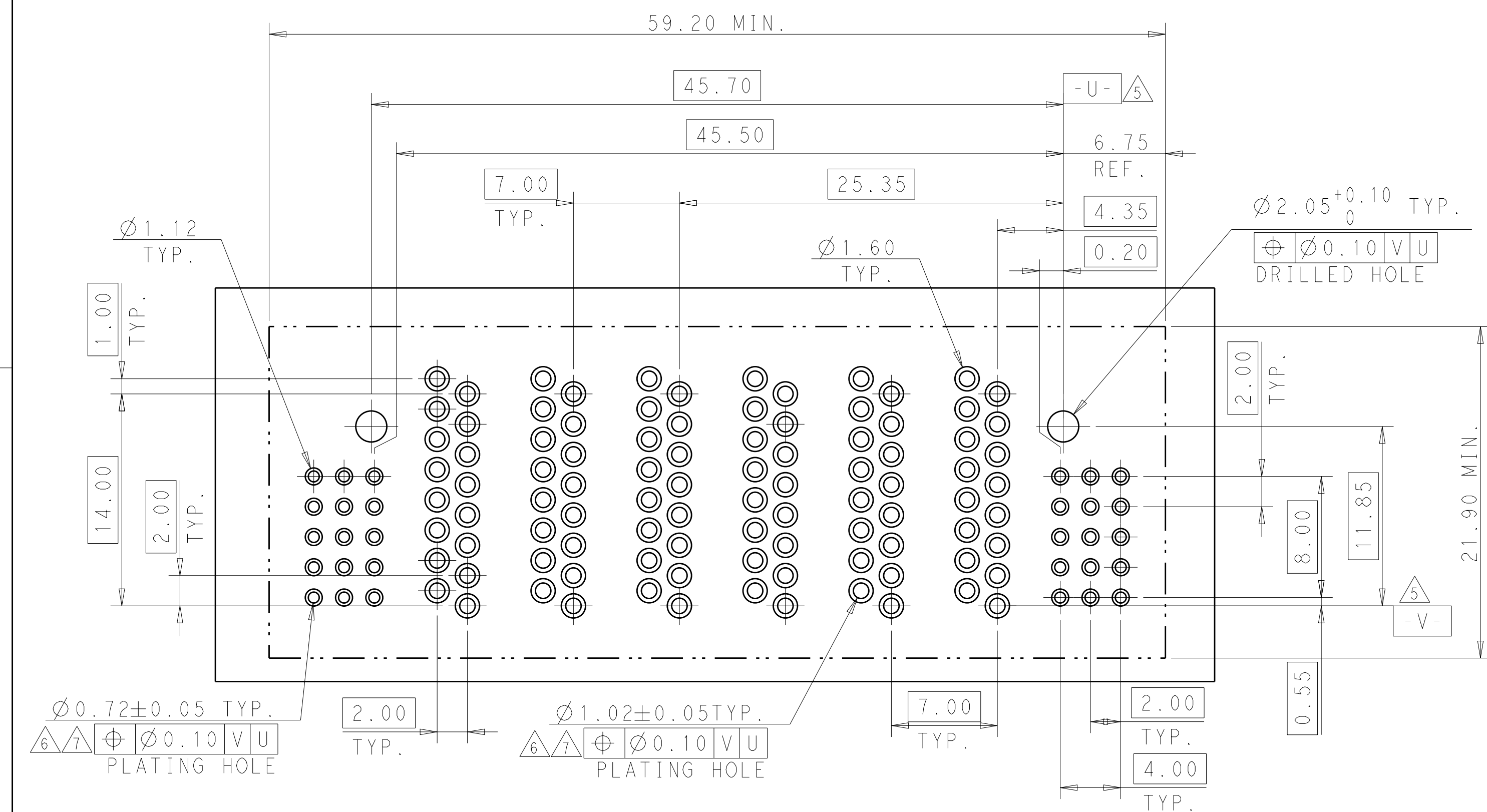
PART NUMBER	ROWS	SIGNAL			POWER		SIGNAL		
		6	5	4	P2	P1	3	2	1
2204420-6	E				PM	PM			
	D	SMI	SMI	SMI			SMI	SMI	SMI
	C	SMI	SMI	SMI			SMI	SMI	SMI
	B	SMI	SMI	SMI			SMI	SMI	SMI
	A	SMI	SMI	SMI			SMI	SMI	SMI
15S+1P+1P+15S									

PART NUMBER	ROWS	SIGNAL			POWER		SIGNAL		
		6	5	4	P2	P1	3	2	1
2204420-7	E				PM	PM			
	D	SMI	SMI	SMI			SMI	SMI	SMI
	C	SMI	SMI	SMI			SMI	SMI	SMI
	B	SMI	SMI	SMI			SMI	SMI	SMI
	A	SMI	SMI	SMI			SMI	SMI	SMI
15S+1P+1P+12S									

[illegible]

PART NUMBER	ROWS	SIGNAL			POWER						SIGNAL			
		6	5	4	P6	P5	P4	P3	P2	P1	3	2	1	
1-2204420-0	E D C B A				PM	PM	PM	PM	PM	PM				
		SM1	SM1	SM1							SM1	SM1	SM1	SM1
		SM1	SM1	SM1							SM1	SM1	SM1	SM1
		SM1	SM1	SM1							SM1	SM1	SM1	SM1
		SM1	SM1	SM1							SM1	SM1	SM1	SM1
		SM1	SM1	SM1							SM1	SM1	SM1	SM1
15S+3HVP+3HVP+15S														

PART NUMBER	ROWS	SIGNAL			POWER						SIGNAL			
		6	5	4	P6	P5	P4	P3	P2	P1	3	2	1	
I-2204420-1	E D C B A				PM	PM	PM	PN	PN	PN				
		SM1	SM1	SM1							SM1	SM1	SM1	SM1
		SM1	SM1	SM1							SM1	SM1	SM1	SM1
		SM1	SM1	SM1							SM1	SM1	SM1	SM1
		SM1	SM1	SM1							SM1	SM1	SM1	SM1
		SM1	SM1	SM1							SM1	SM1	SM1	SM1
15S+3P+3P+15S														



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