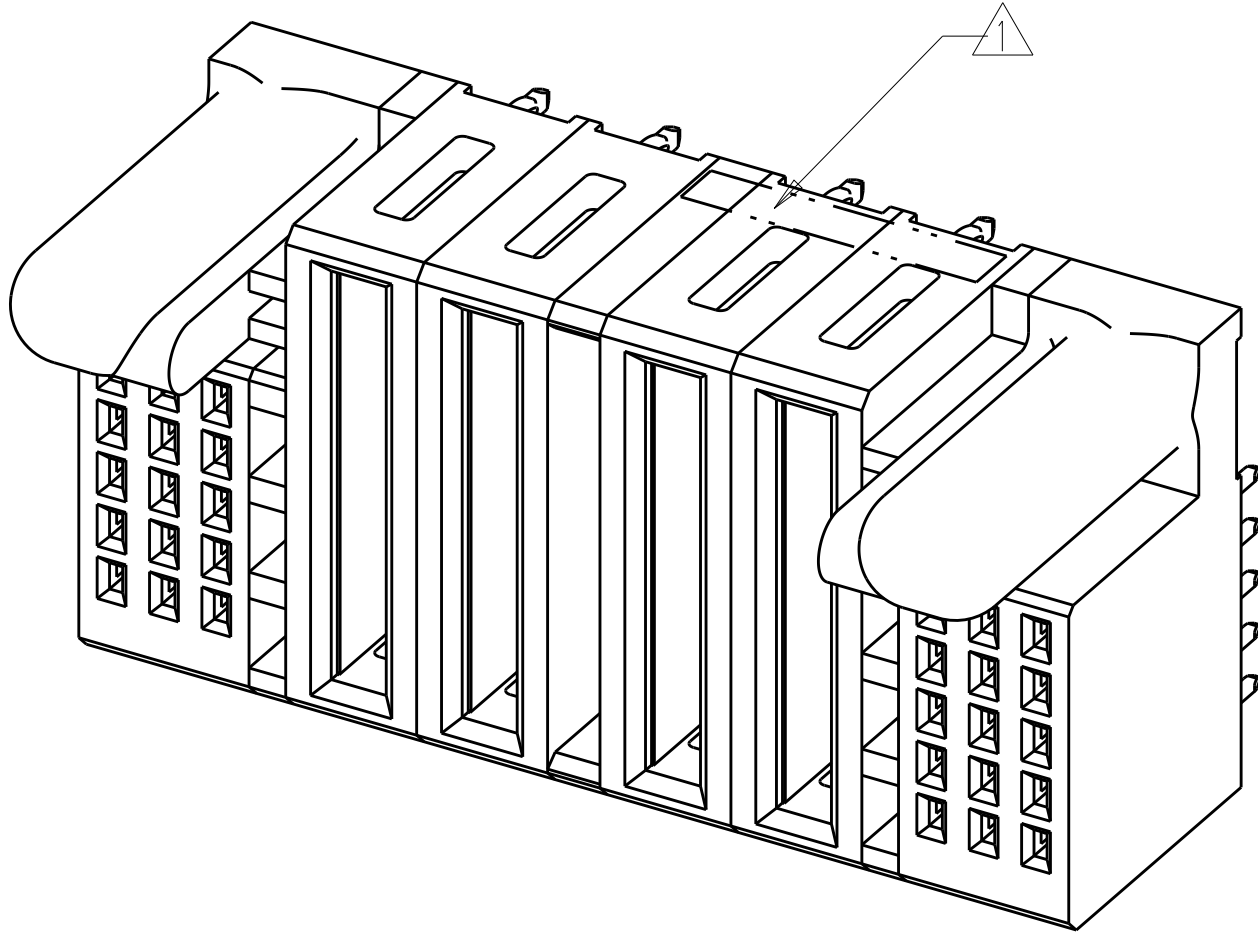
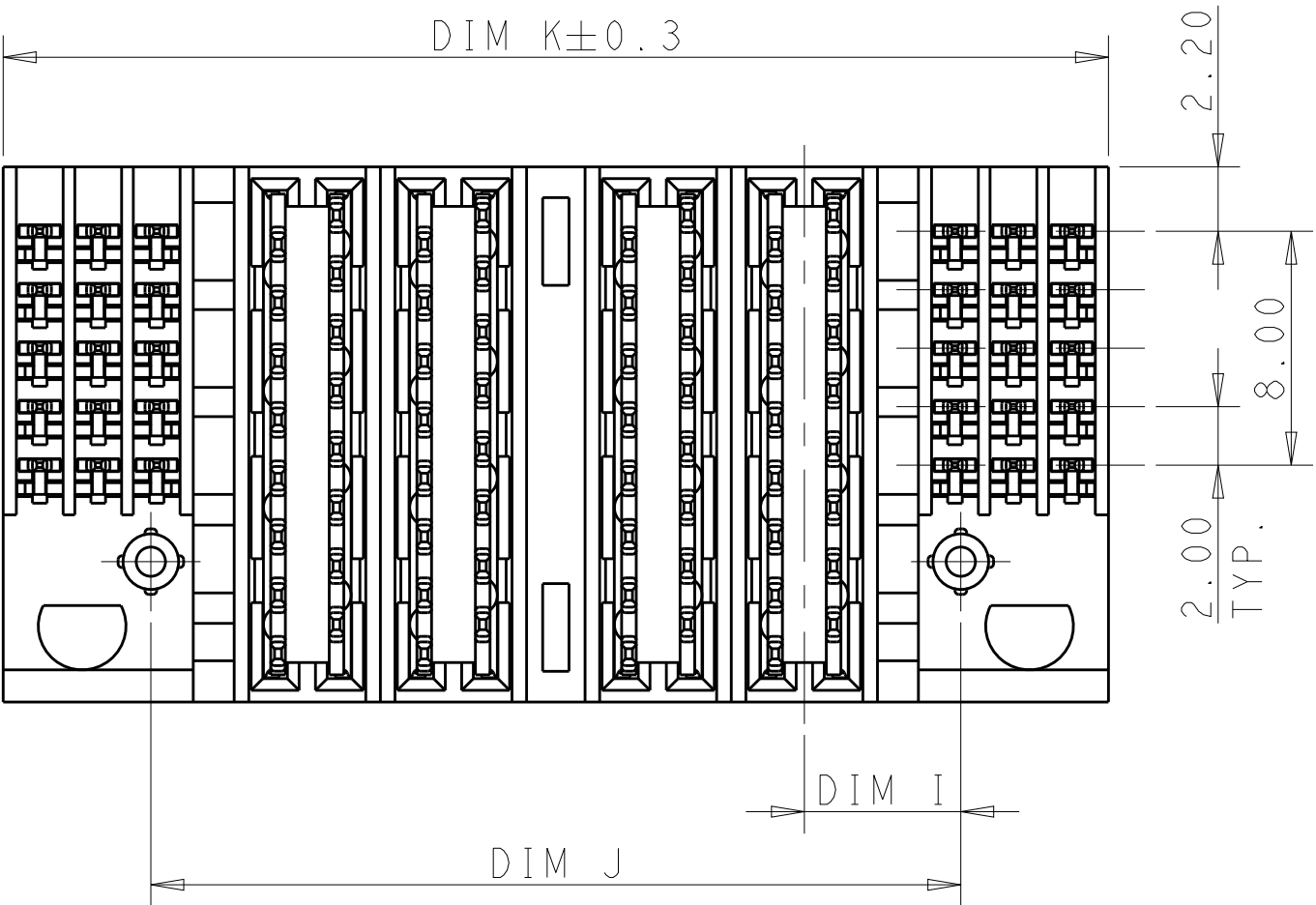
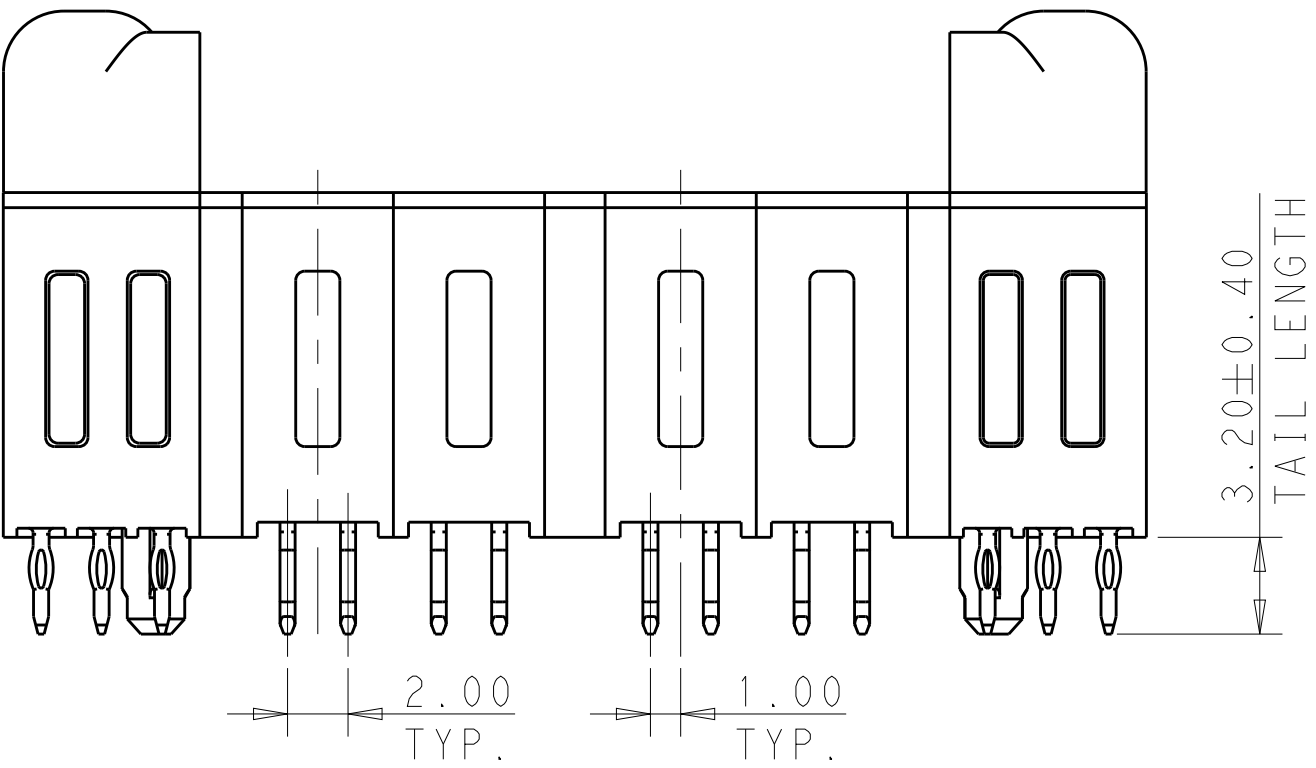
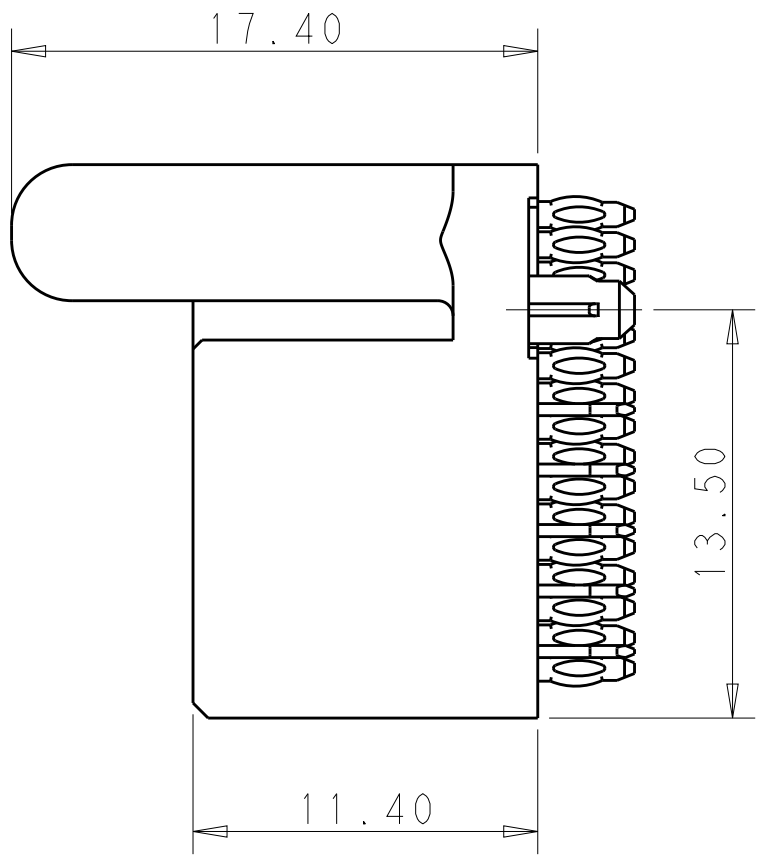
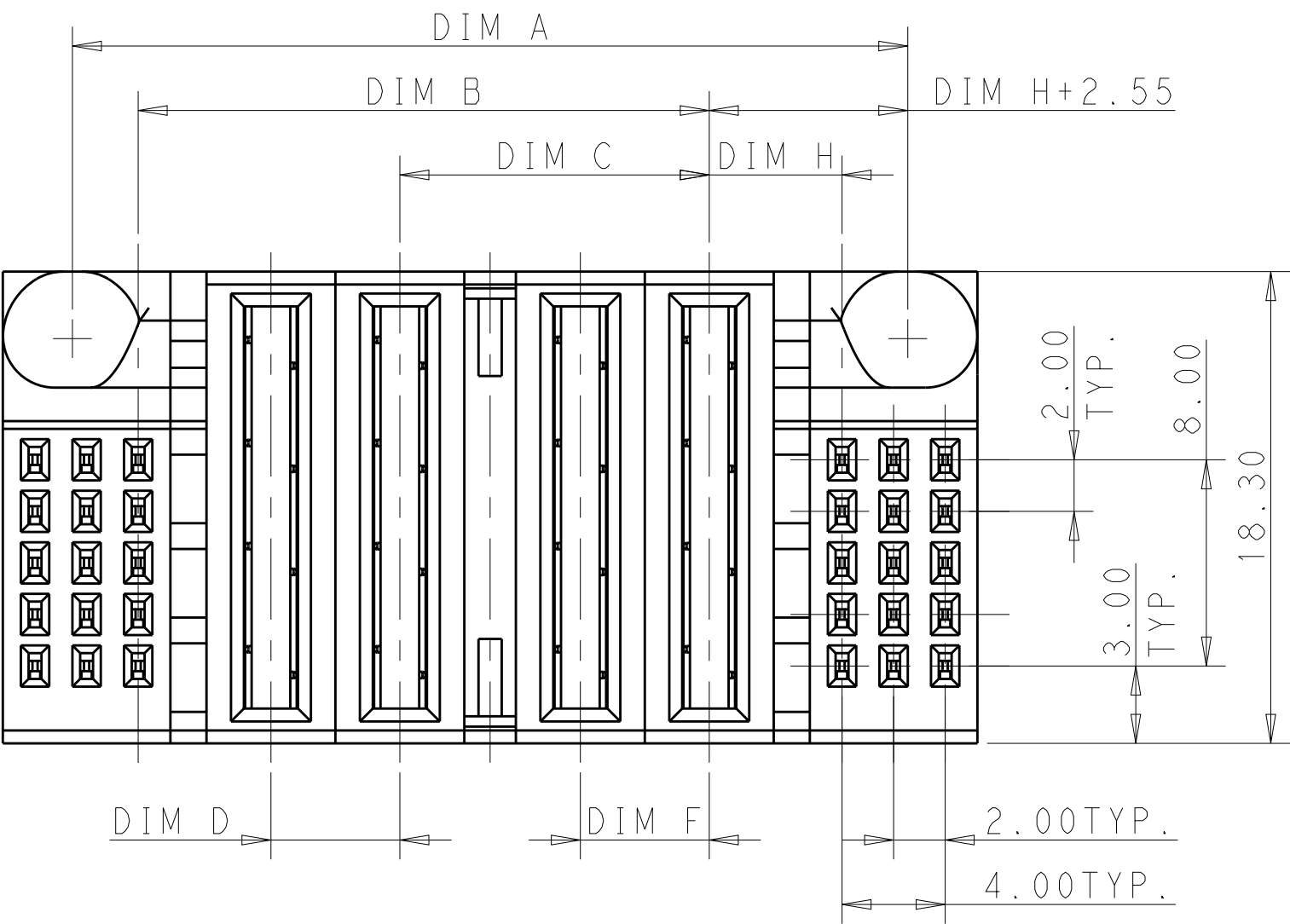


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
			A	RELEASED DRAWING	22DEC2015	TZ	SZ	
			A1	ECR-16-017528	20DEC2016	TZ	SZ	
			A2	ECR-17-003044	08MAR2017	TZ	SZ	



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.

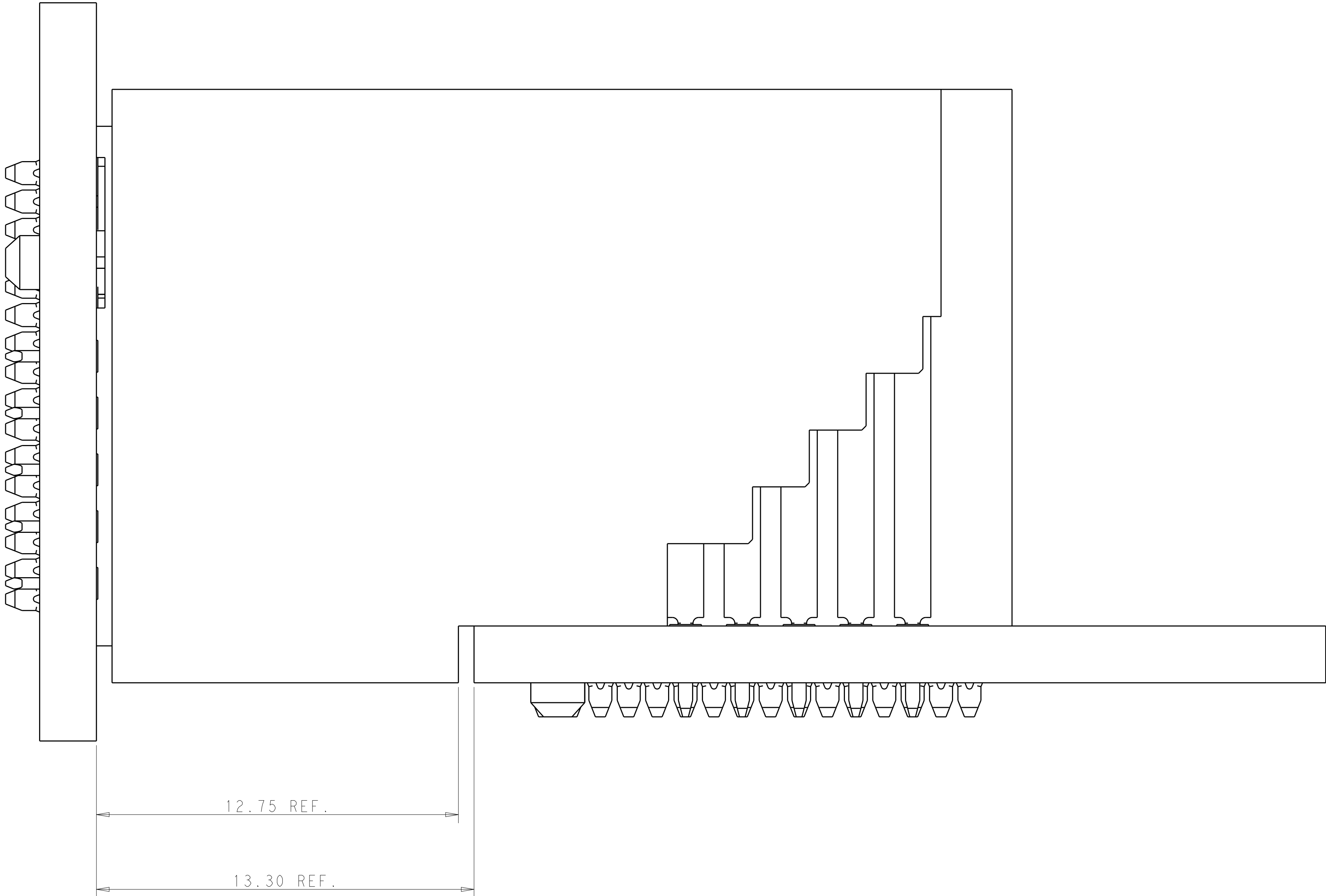
7 PCB HOLE:

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	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
	1 PLC ±0.4	APPLICATION SPEC		
	2 PLC ±0.25			
	3 PLC ±0.15			
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

CHK

SUNY_ZHAO

ZODEC2012

APVD

SUNY_ZHAO

ZODEC2012

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.4

1 PLC ±0.4

2 PLC ±0.25

3 PLC ±0.15

4 PLC ±

ANGLES ±

FINISH -

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

Customer Drawing

VERTICAL RECEPTACLE

MULTI-BEAM HD S+P+P+S

SIZE

A1

CAGE CODE

00779

DRAWING NO

2204420

RESTRICTED TO

-

SCALE

4:1

SHEET

2

OF

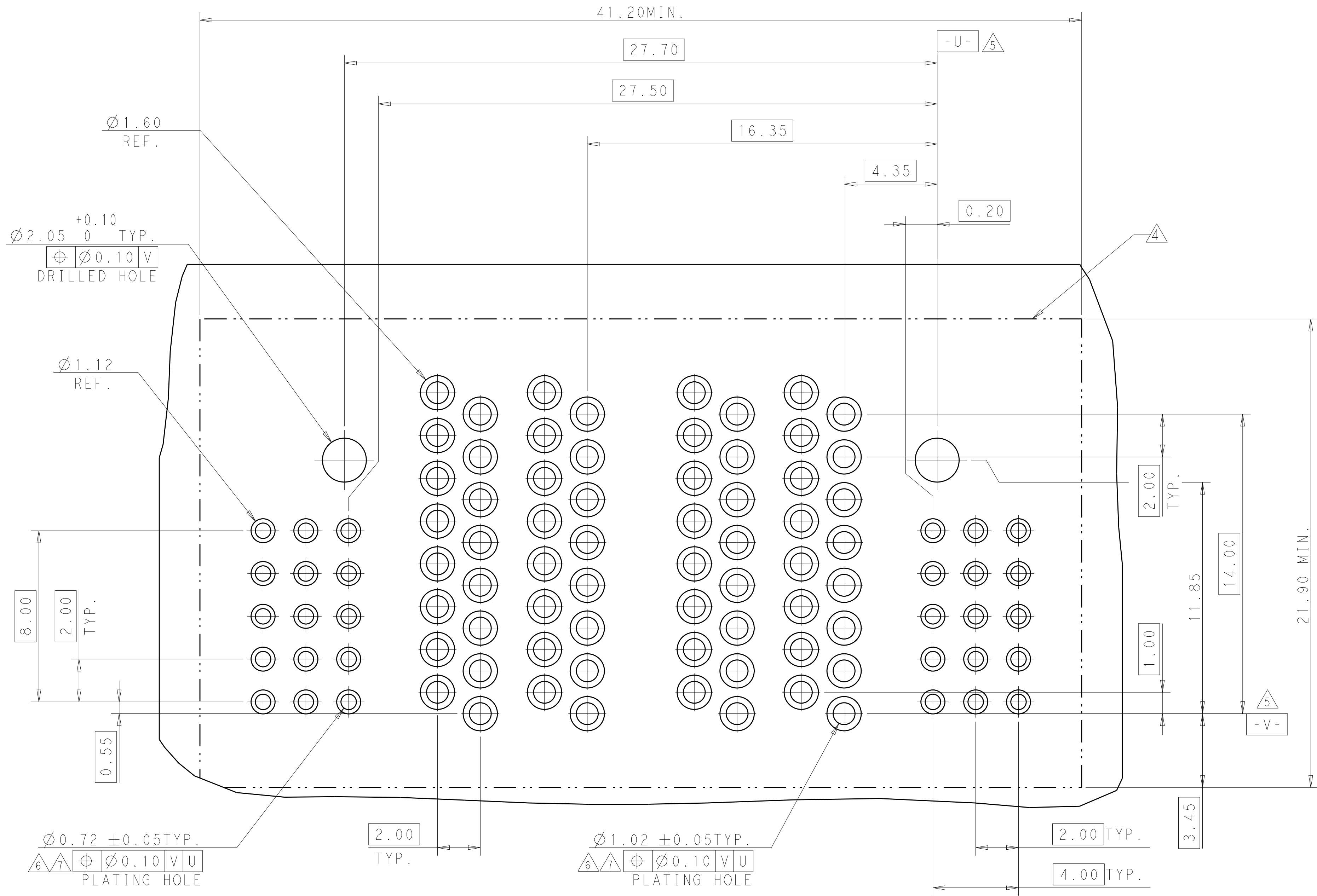
7

REV

A2



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	DIM J	DIM K	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 ±
ANGLES ±
FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

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

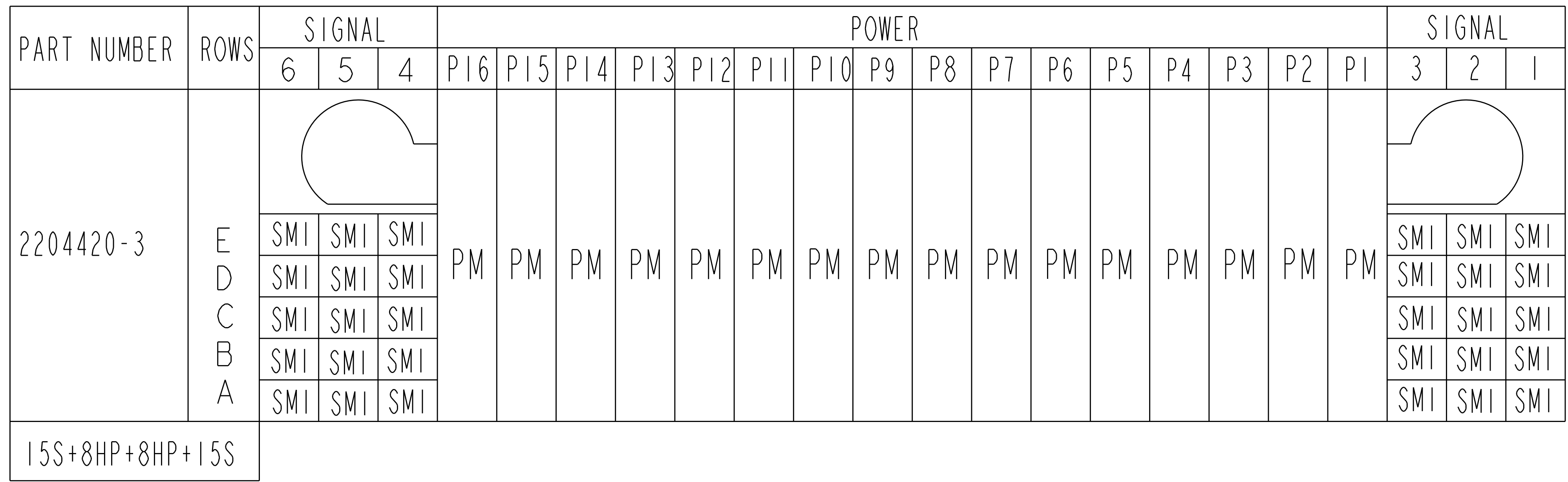
SIZE
A100779

SCALE
4:1

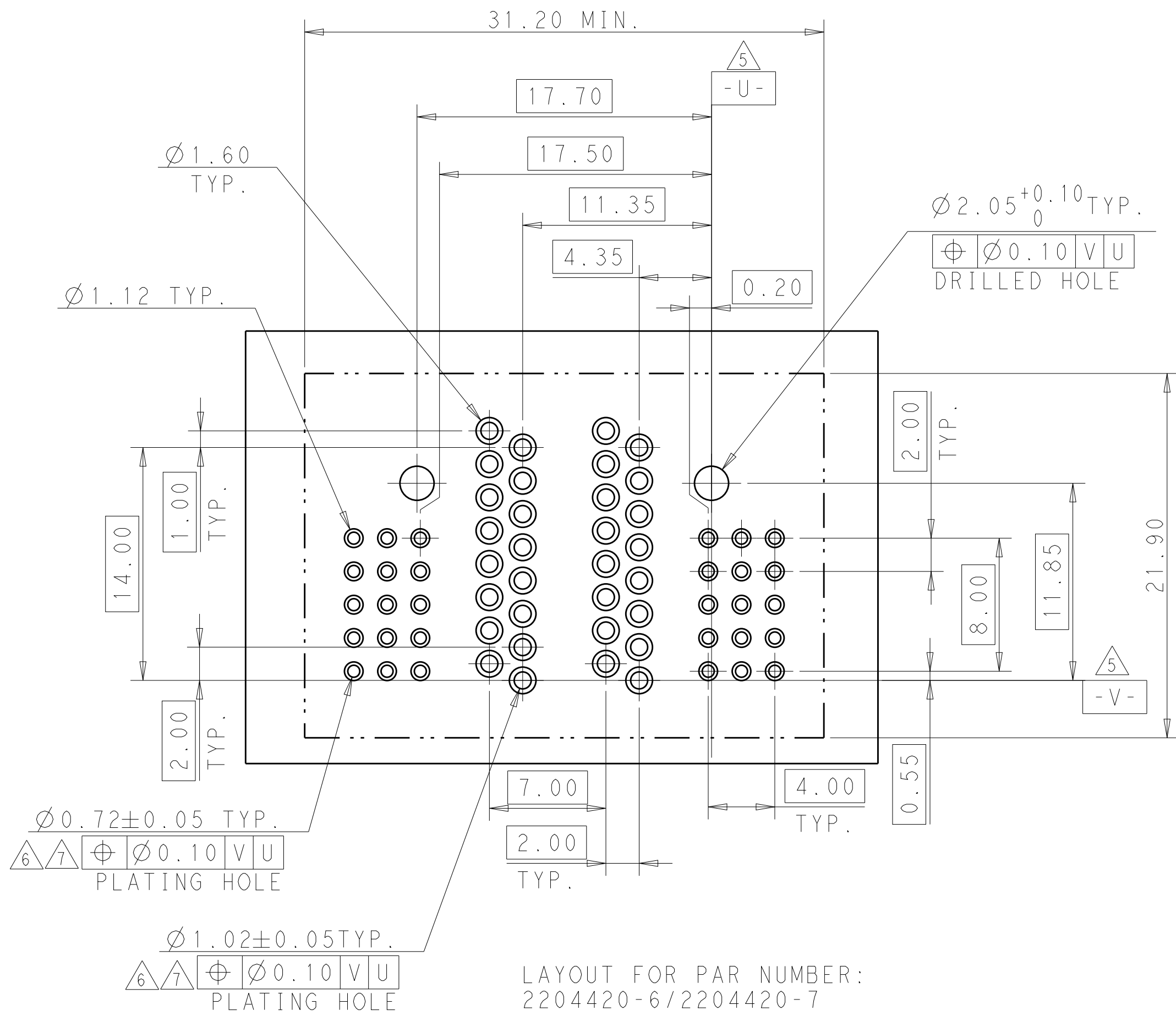
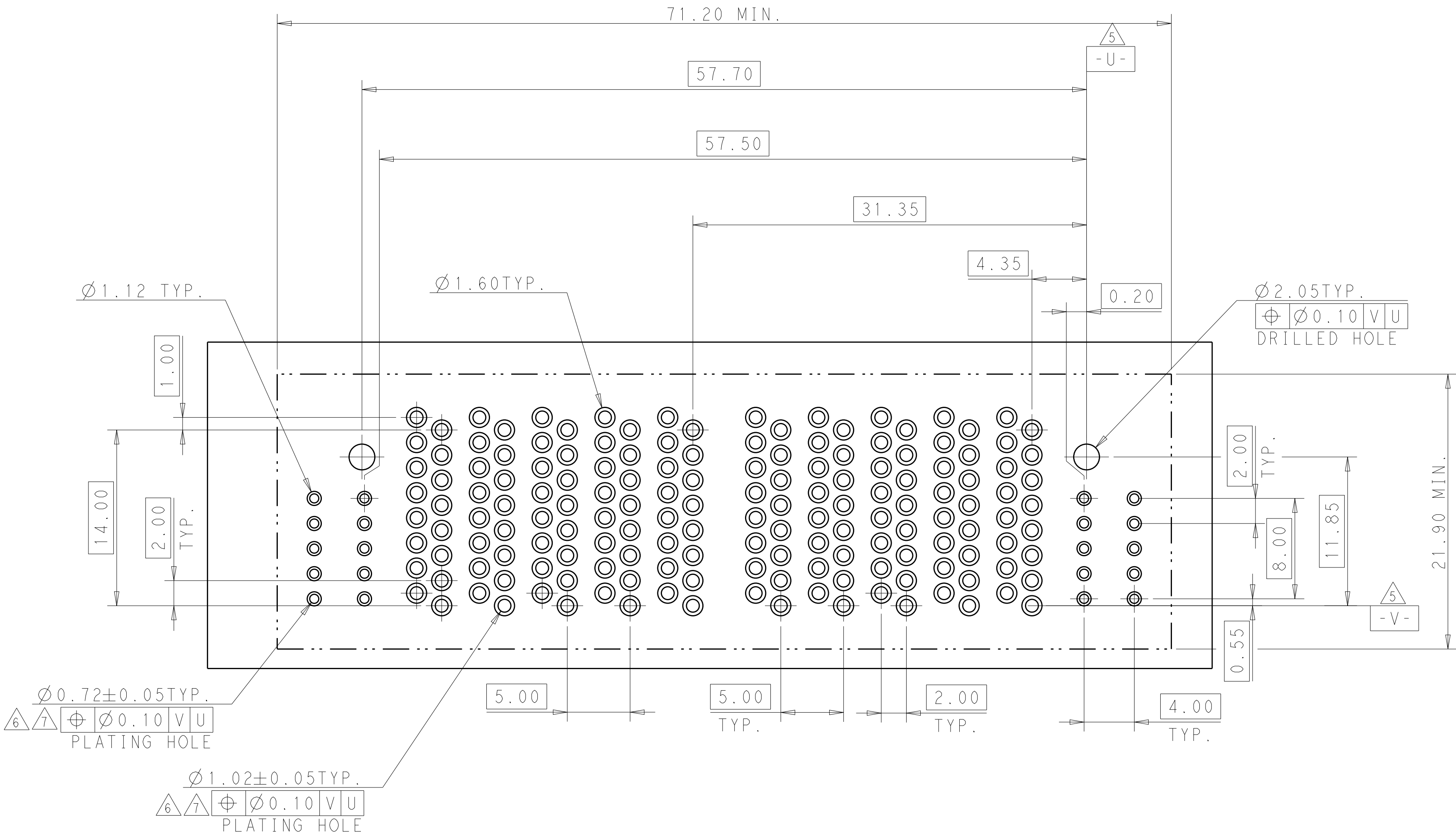
SHEET
3

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																	

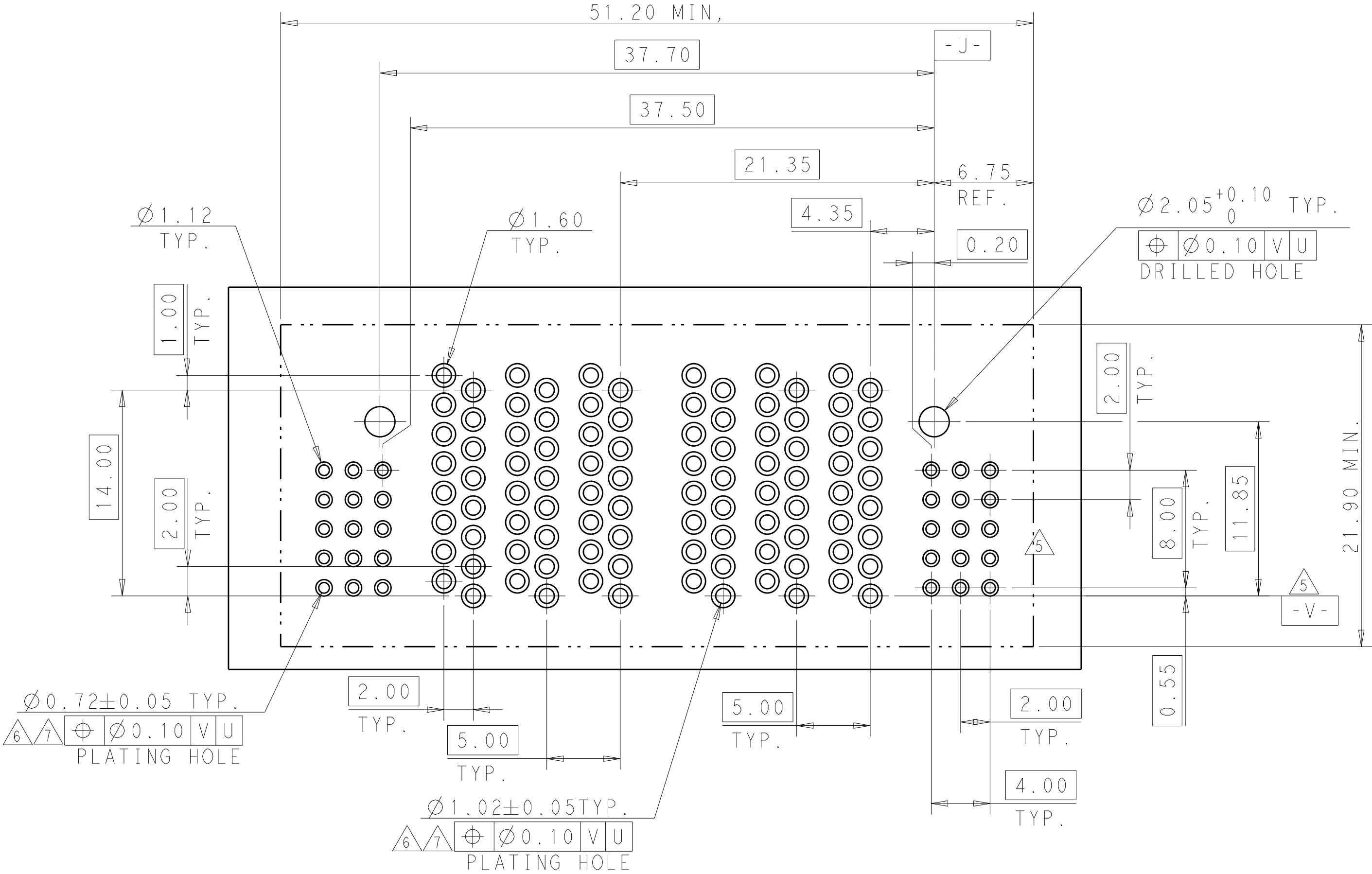
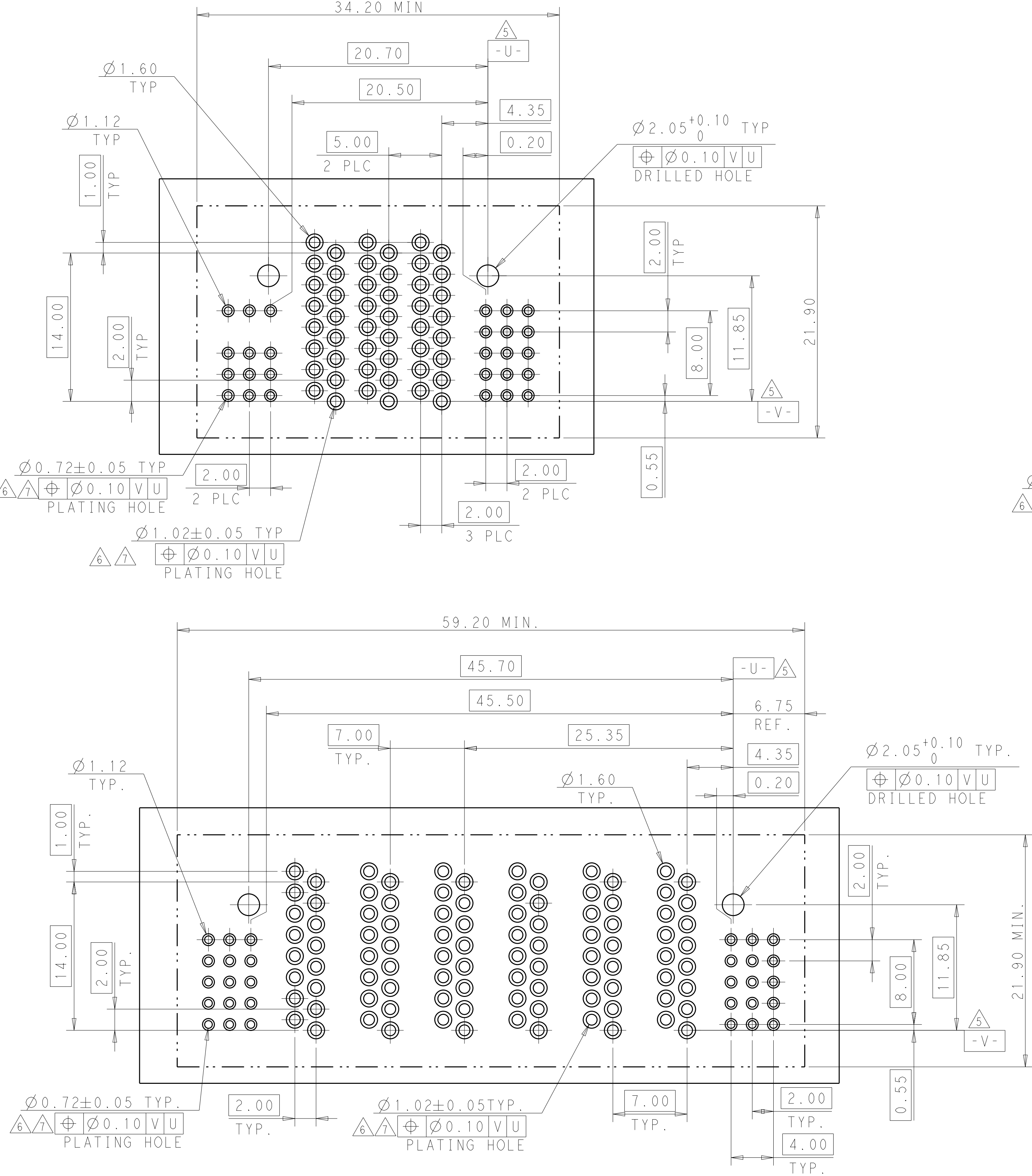
PART NUMBER	ROWS	SIGNAL			POWER		SIGNAL		
		6	5	4	P2	P1	3	2	1
2204420-6	E				PM	PM			
	D	SMI	SMI	SMI			SMI	SMI	SMI
	C	SMI	SMI	SMI			SMI	SMI	SMI
	B	SMI	SMI	SMI			SMI	SMI	SMI
	A	SMI	SMI	SMI			SMI	SMI	SMI
15S+1P+1P+15S									

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									

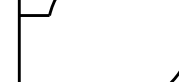
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
		-		SEE SHEET 1	-	-

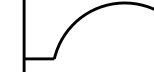
PART NUMBER	ROWS	SIGNAL			POWER			SIGNAL		
		6	5	4	P3	P2	P1	3	2	1
2204420-8										
	E	SMI	SMI	SMI				SMI	SMI	SMI
	D							SMI	SMI	SMI
	C	SMI	SMI	SMI				SMI	SMI	SMI
	B	SMI	SMI	SMI				SMI	SMI	SMI
	A	SMI	SMI	SMI				SMI	SMI	SMI
15S+3P+12S										

PART NUMBER	ROWS	SIGNAL			POWER						SIGNAL		
		6	5	4	P6	P5	P4	P3	P2	P1	3	2	1
2204420-9	E D C B A				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+3P+3P+15S													



PCB LAYOUT PART NUMBER: 2204420-9/1-2204420-1

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				
		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	SMI							SMI	SMI	SMI	SMI
15S+3HVP+3HVP+15S														

PART NUMBER	ROWS	SIGNAL			POWER						SIGNAL		
		6	5	4	P6	P5	P4	P3	P2	P1	3	2	1
1-2204420-1					PM	PM	PM	PN	PN	PN			
	E	SMI	SMI	SMI							SMI	SMI	SMI
	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+3P+3P+15S													

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN THOMAS ZHAO Z0DEC2012
CHK SUNY ZHAO Z0DEC2012
APVD SUNY ZHAO Z0DEC2012

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±.4
1 PLC ±0.25
2 PLC ±0.25
3 PLC ±0.15
4 PLC ±.4
ANGLES ±.4
FINISH

MATERIAL

WEIGHT

CUSTOMER DRAWING

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

SIZE CAGE CODE DRAWING NO
A100779C=2204420

RESTRICTED TO

SCALE 4:1

SHEET 7 OF 7

REV A2