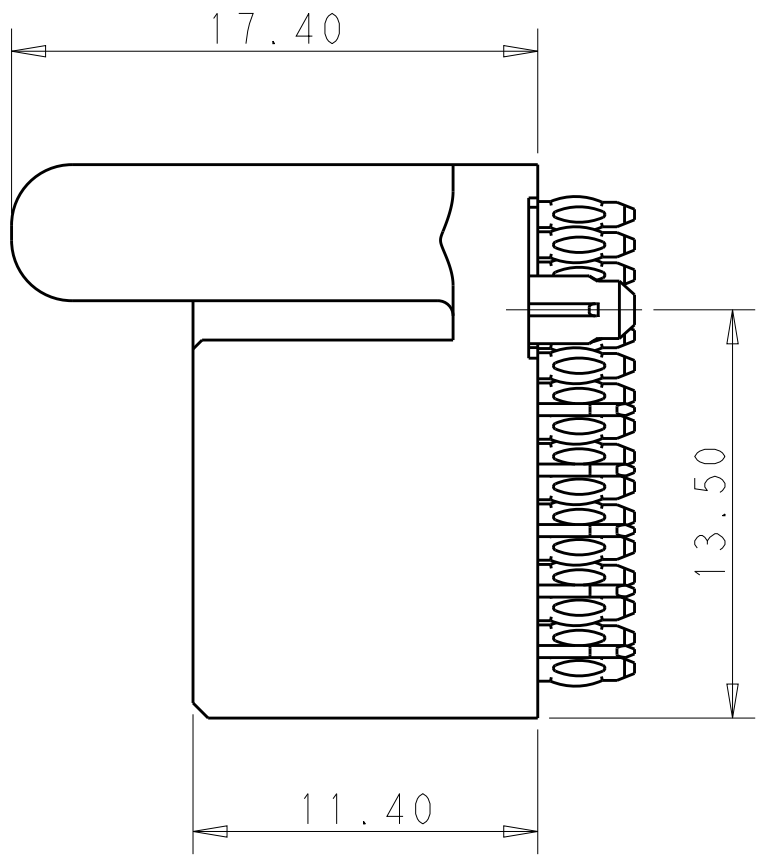
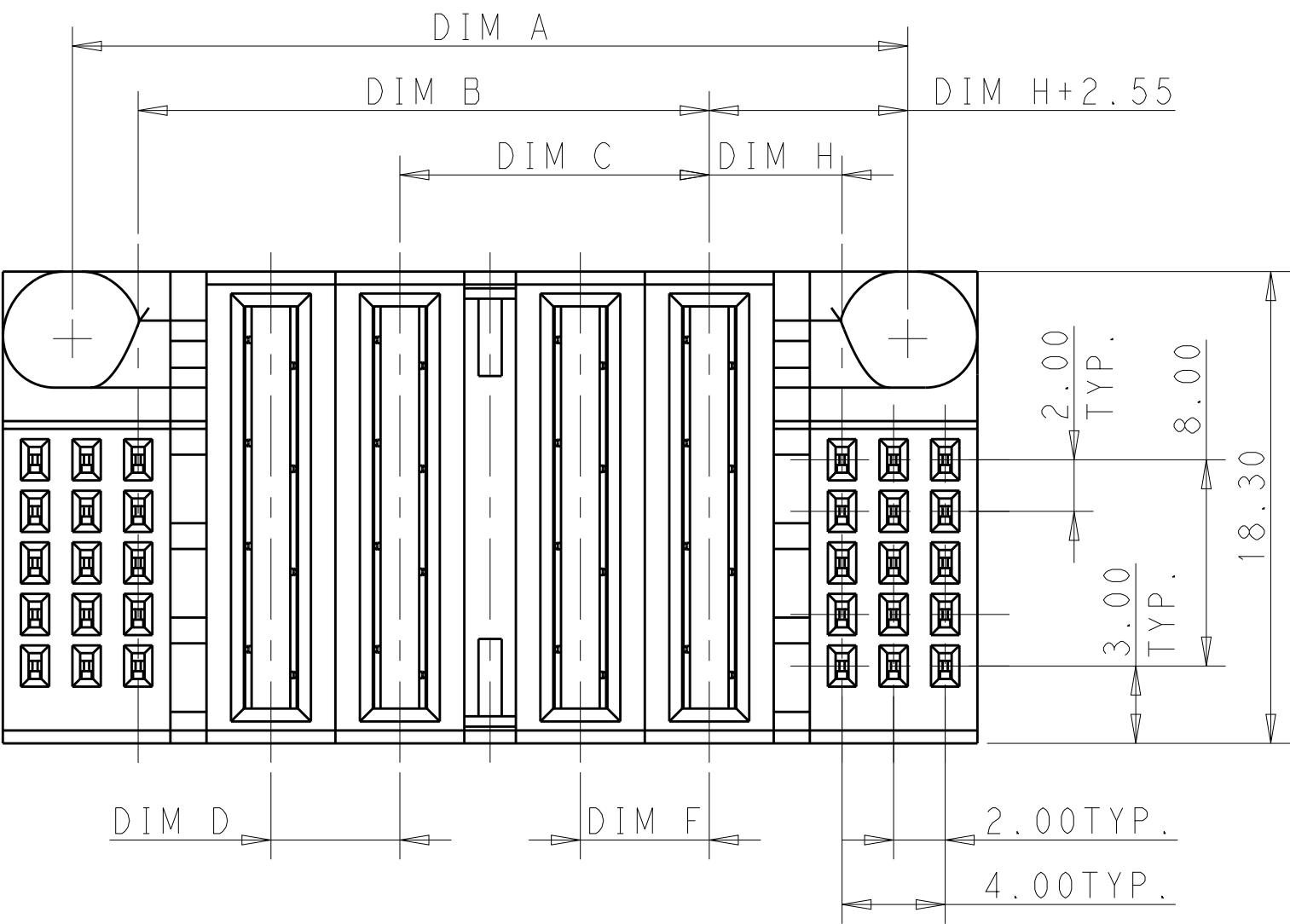
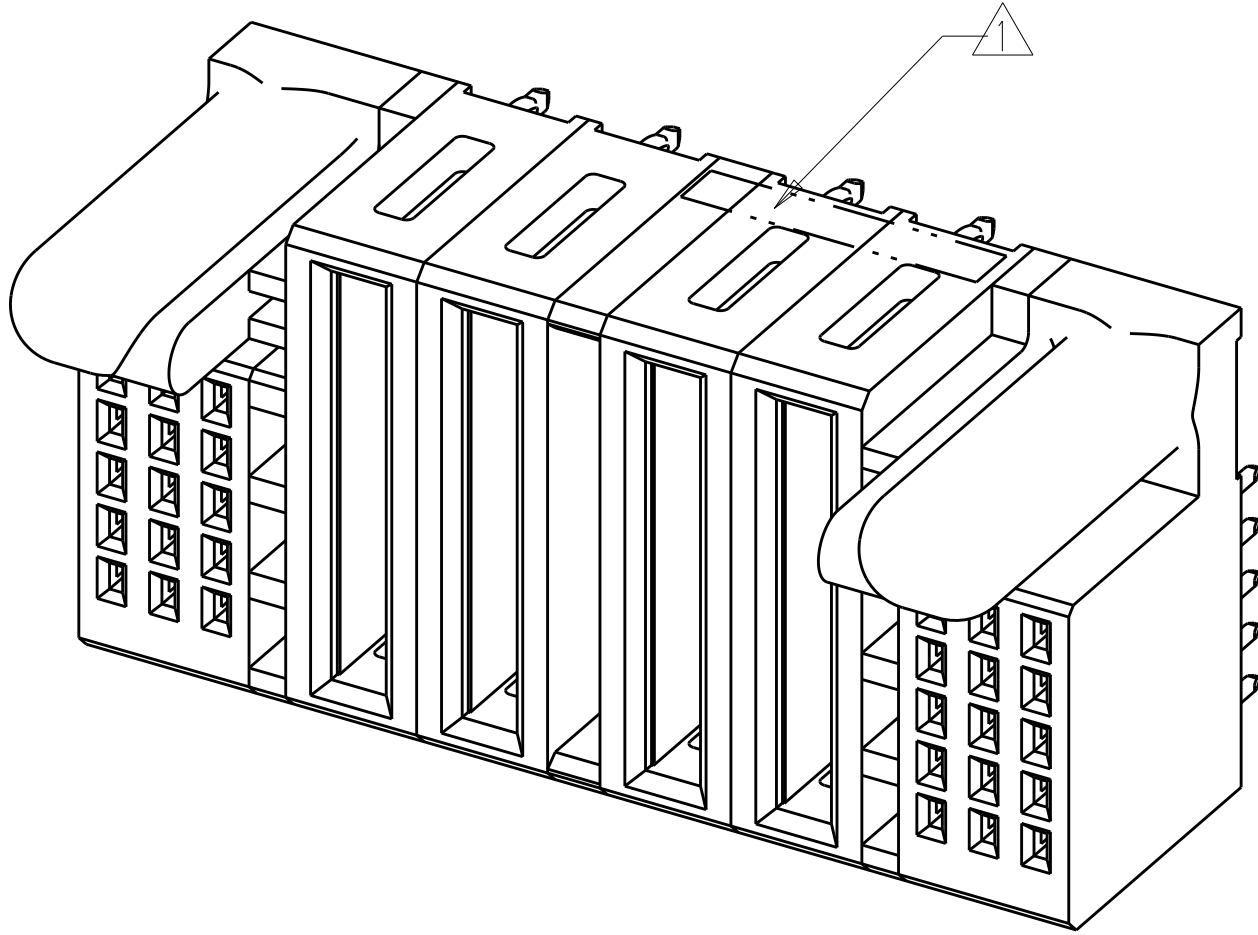
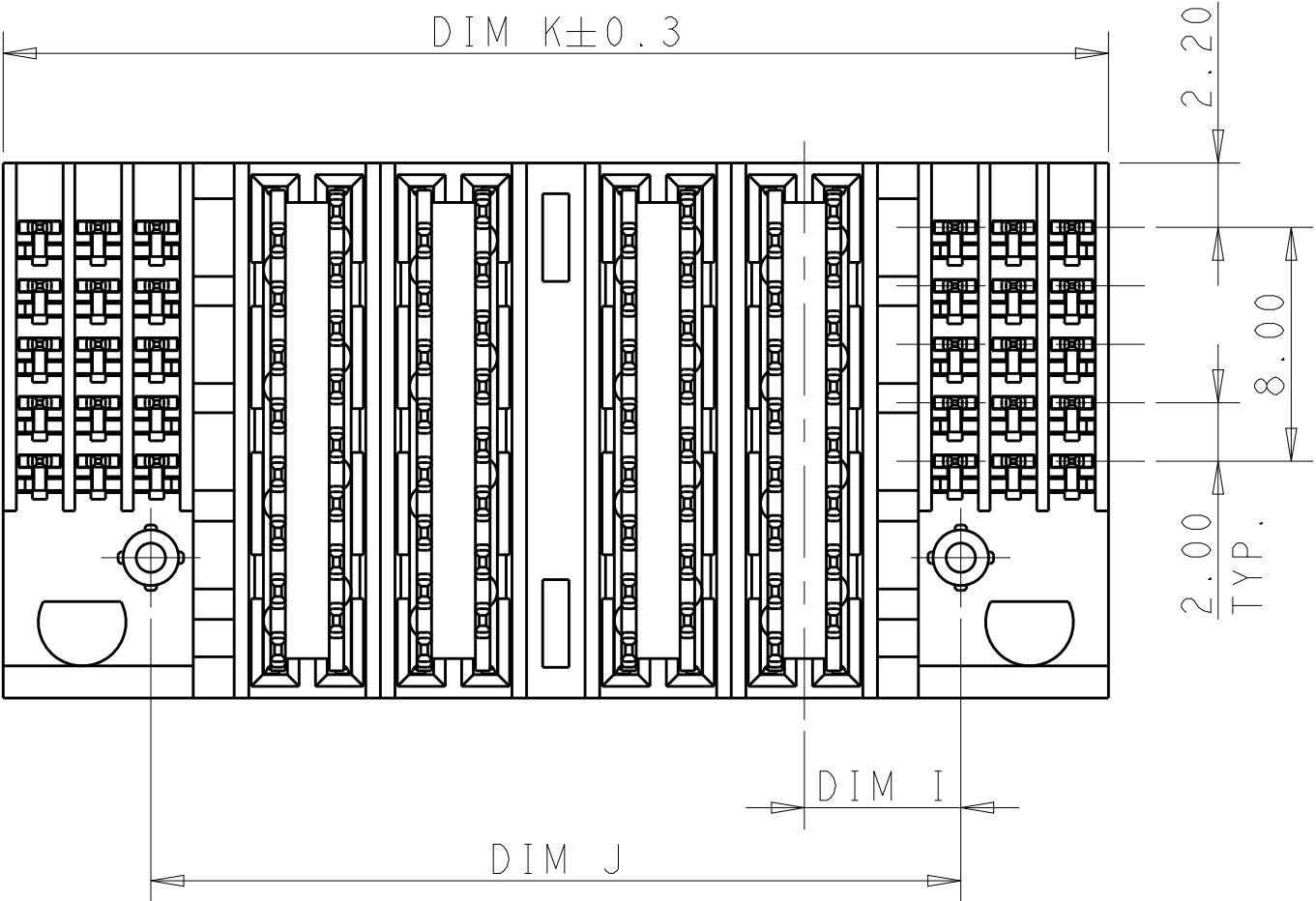
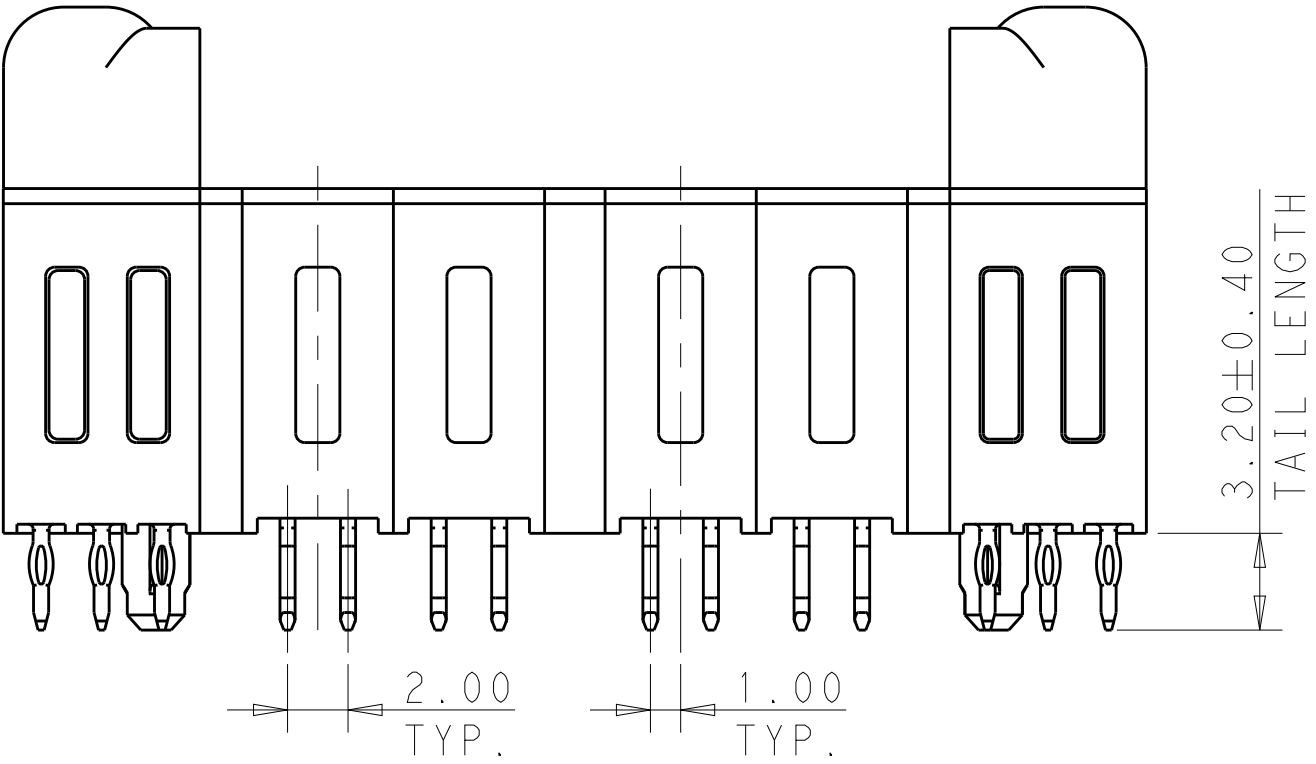


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
			A	RELEASED DRAWING	22DEC2015	TZ	SZ	
			A1	ECR-16-017528	20DEC2016	TZ	SZ	
			A2	ECR-17-003044	08MAR2017	TZ	SZ	

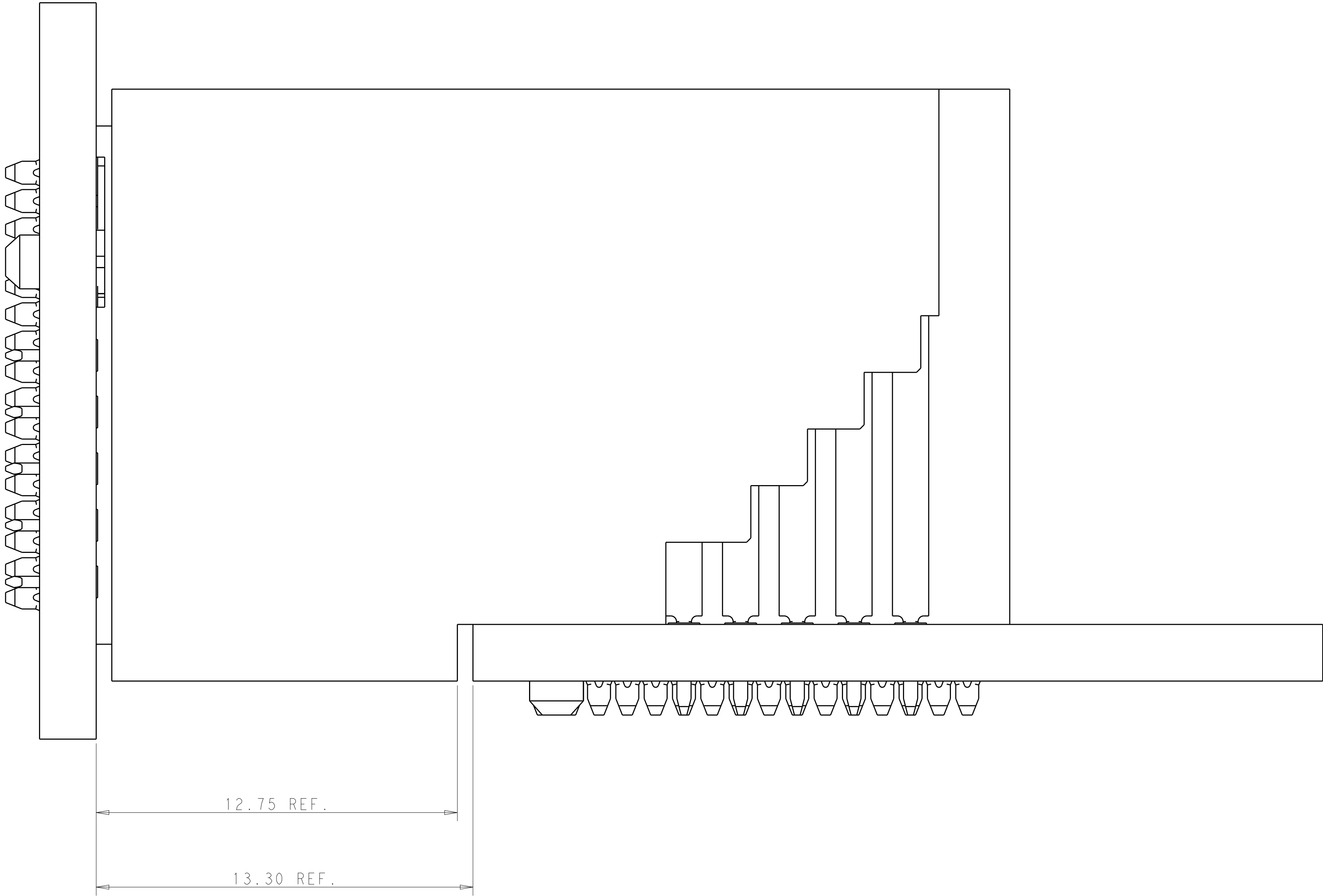


- NOTES, UNLESS OTHERWISE SPECIFIED:
- 1 "TE", PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN.
- 2 MATERIAL:
- HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC,
COLOR: BLACK, UL94 V- 0.
- SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
- POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
- 3 CONTACT 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.
- 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	
		CHK SUNY ZHAO Z0DEC2012		
DIMENSIONS:		APVD SUNY ZHAO Z0DEC2012	NAME Customer Drawing VERTICAL RECEPTACLE MULTI-BEAM HD S+P+P+S	
mm		PRODUCT SPEC		
		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO	
MATERIAL		WEIGHT	A100779C=2204420	
		CUSTOMER DRAWING		
		SCALE 4:1	SHEET 1 OF 7	
				REV A2

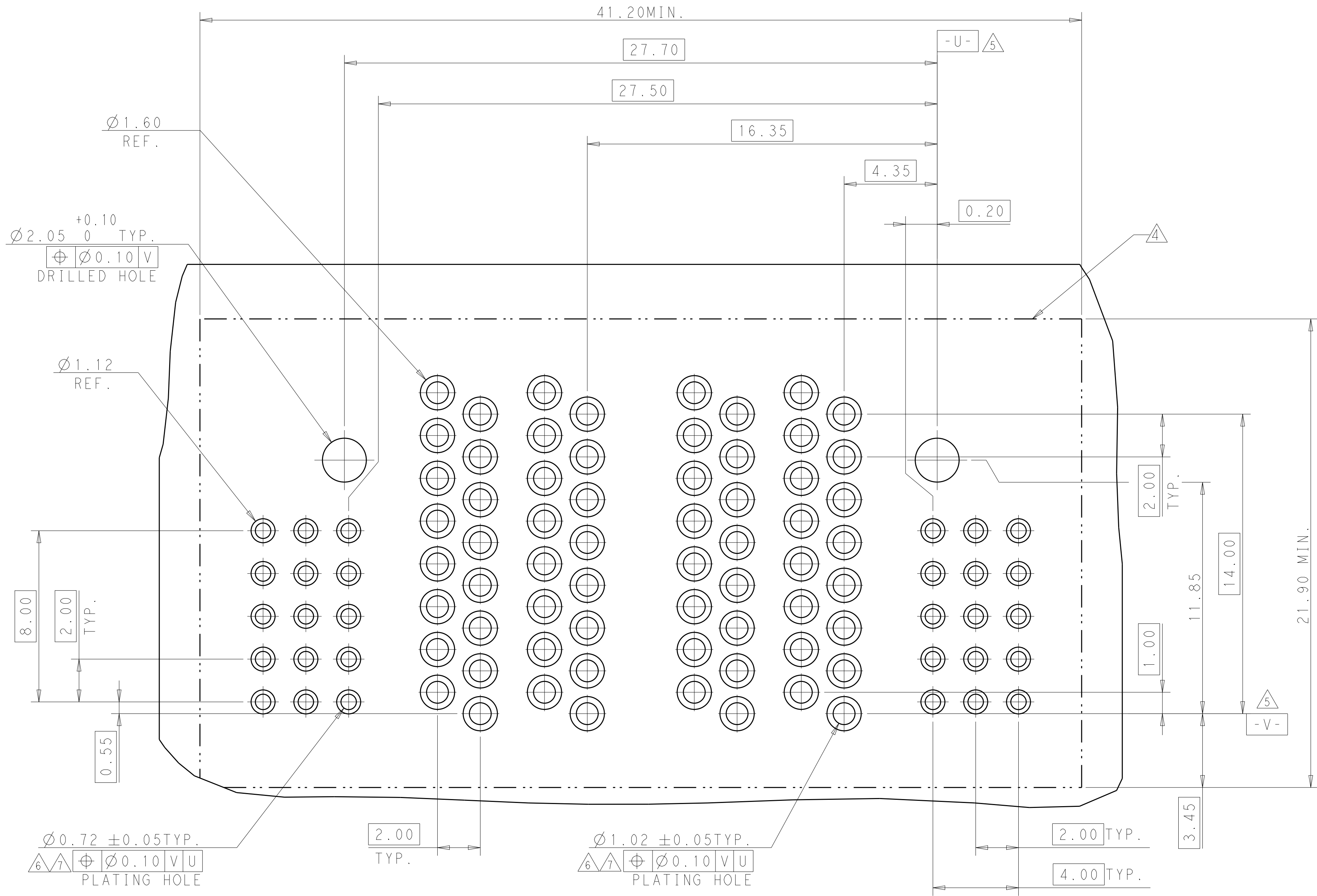
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1		-	-

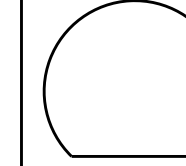
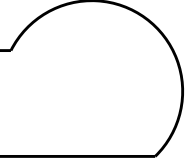


THE DISTANCE IS 0.05 MM MATING FACE
FROM R/A HEADER TO VERTICAL RECEPTACLE.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN THOMAS_ZHAO	ZODEC2012	 TE Connectivity		
		CHK SUNY_ZHAO	ZODEC2012			
DIMENSIONS:		APVD SUNY_ZHAO	ZODEC2012	NAME Customer Drawing		
mm		PRODUCT SPEC		VERTICAL RECEPTACLE		
		APPLICATION SPEC		MULTI-BEAM HD S+P+P+S		
		WEIGHT		SIZE		
MATERIAL		CUSTOMER DRAWING		CAGE CODE		
				DRAWING NO		
				RESTRICTED TO		
				A100779		
				C=2204420		
				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 F	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 ±0.25
2 PLC ±0.15
3 PLC ±0.15
4 PLC ±0.15
ANGLES ±0.15
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

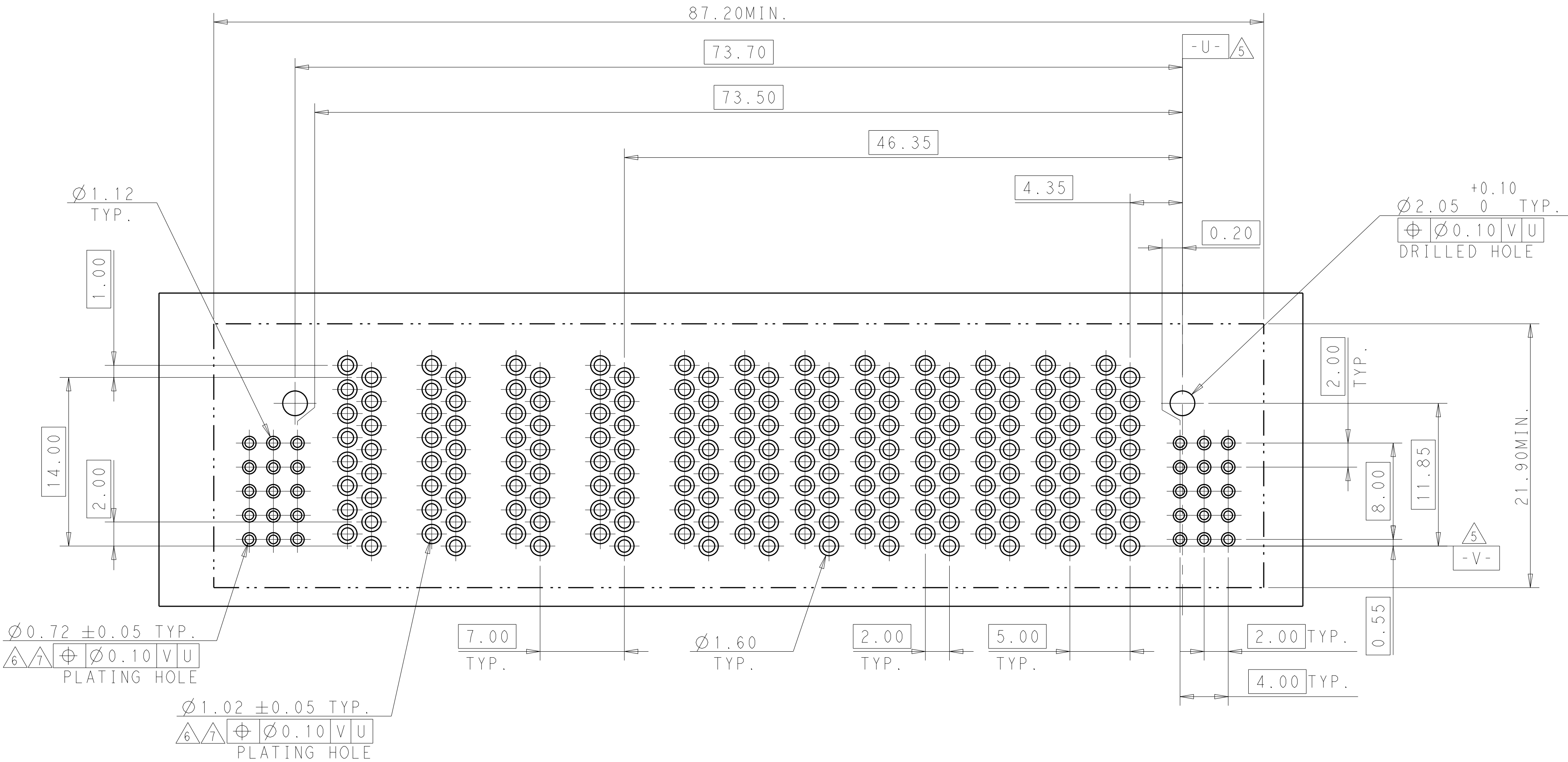
SCALE
4:1

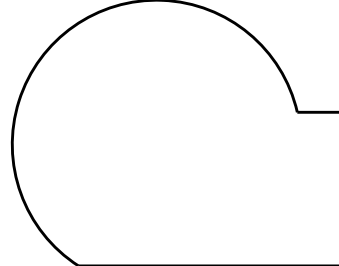
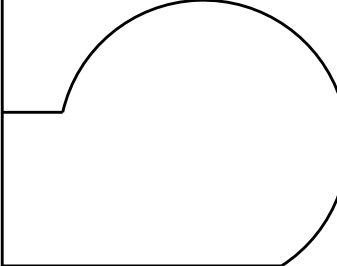
SHEET
3

OF
7

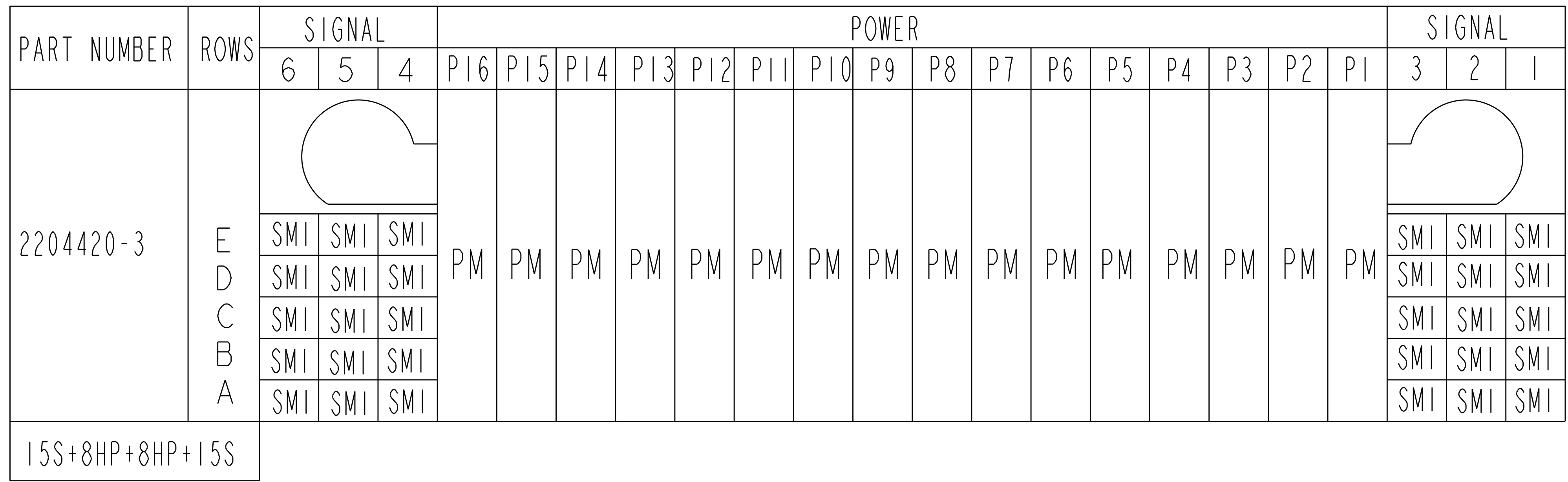
REV
A2

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

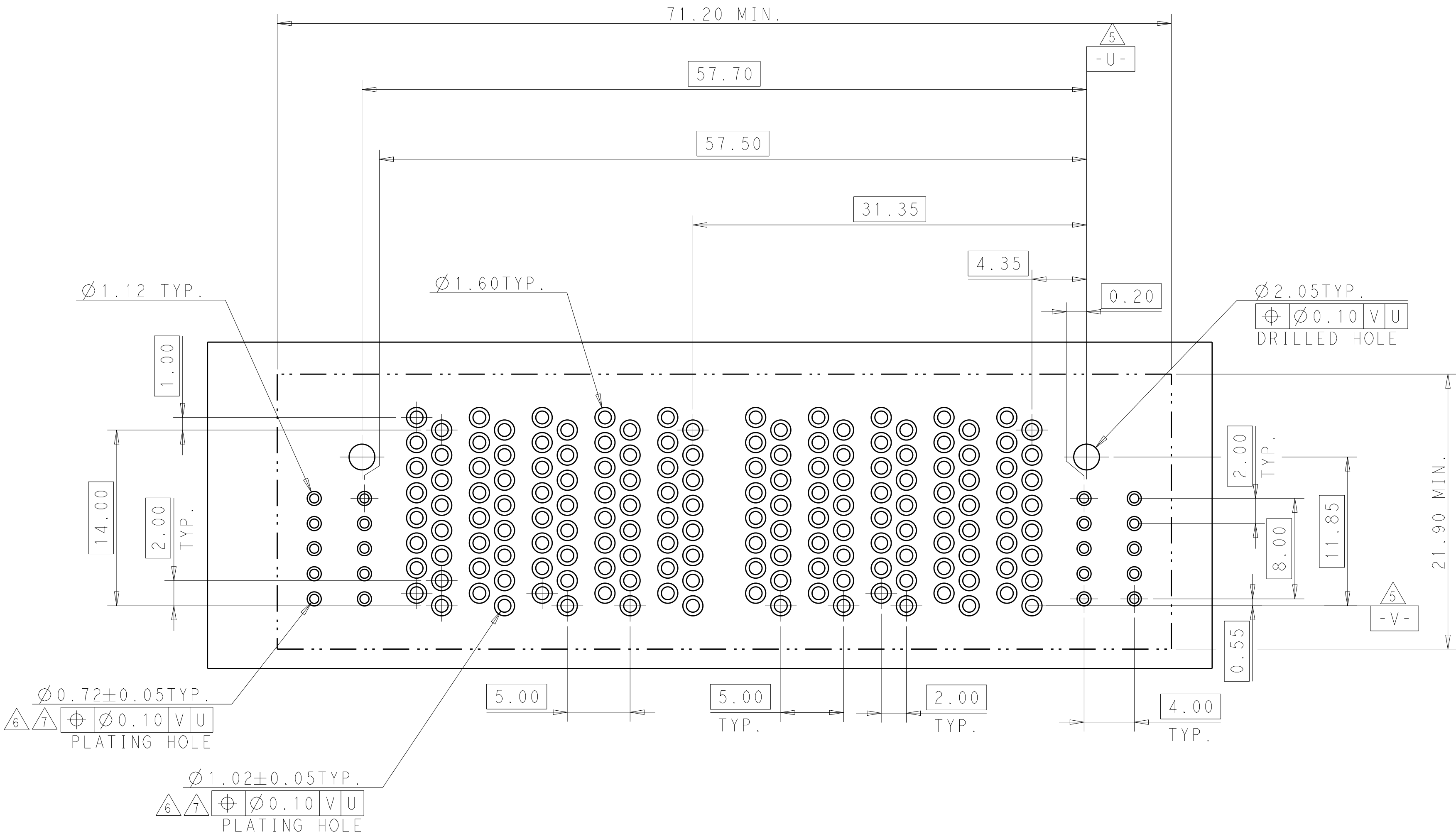


PART NUMBER	ROWS	SIGNAL			POWER											SIGNAL			
		6	5	4	PI2	PI1	PI0	P9	P8	P7	P6	P5	P4	P3	P2	PI	3	2	1
2204420-2	E D C B A				PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM			
		SMI	SMI	SMI													SMI	SMI	SMI
		SMI	SMI	SMI													SMI	SMI	SMI
		SMI	SMI	SMI													SMI	SMI	SMI
		SMI	SMI	SMI						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

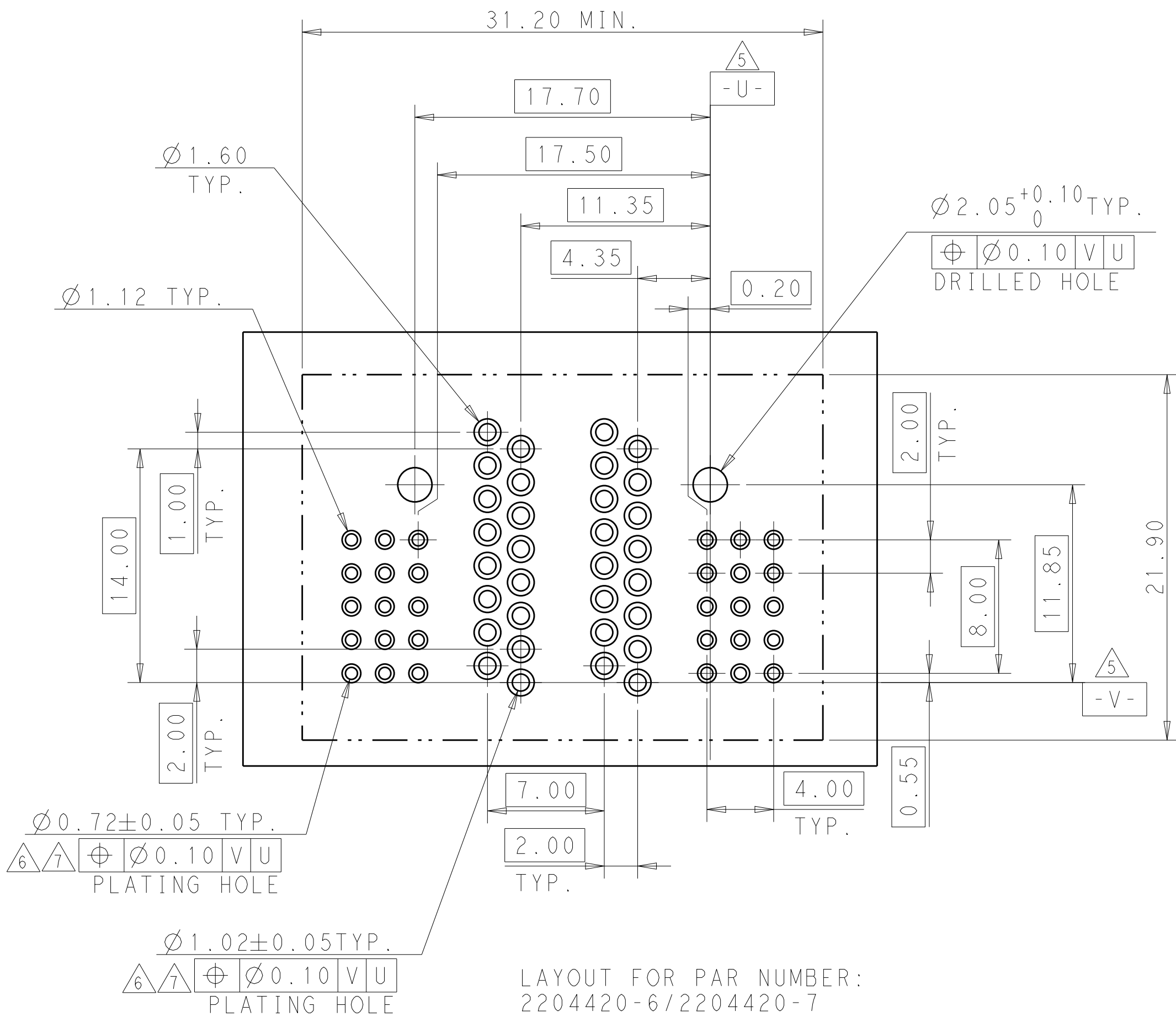
SIGNAL CONTACT	SM1
POWER CONTACT STANDARD	PN
POWER CONTACT MFBL	PM
DESCRIPTION	IDENTIFIER



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



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																	

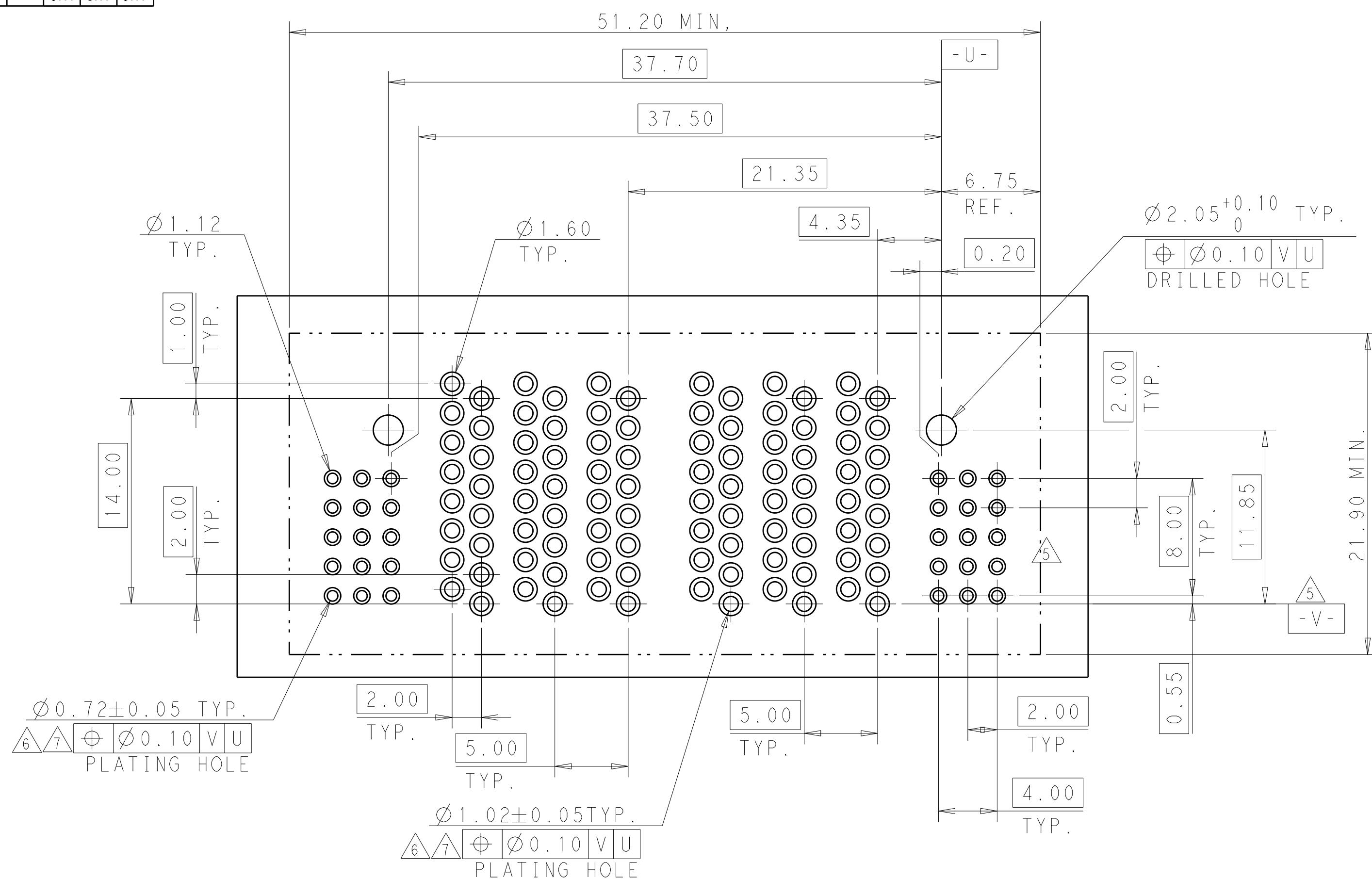


LAYOUT FOR PAR NUMBER:
2204420-6/2204420-7

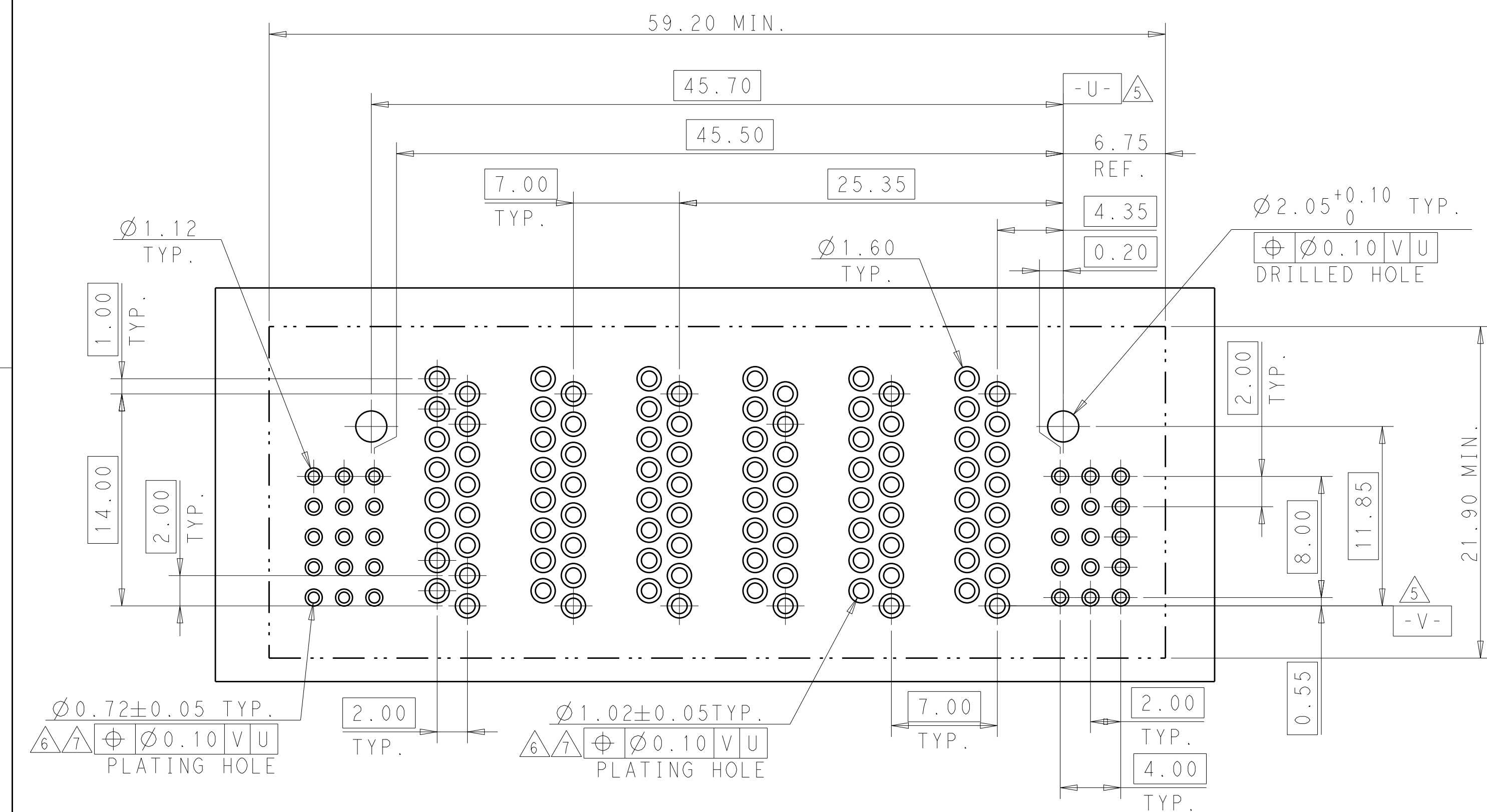
PART NUMBER	ROWS	SIGNAL			POWER		SIGNAL		
		6	5	4	P2	P1	3	2	1
2204420-6	E				PM	PM			
	D	SMI	SMI	SMI			SMI	SMI	SMI
	C	SMI	SMI	SMI			SMI	SMI	SMI
	B	SMI	SMI	SMI			SMI	SMI	SMI
	A	SMI	SMI	SMI			SMI	SMI	SMI
15S+1P+1P+15S									

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									

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				
		SMT	SMT	SMT							SMT	SMT	SMT	SMT
		SMT	SMT	SMT							SMT	SMT	SMT	SMT
		SMT	SMT	SMT							SMT	SMT	SMT	SMT
		SMT	SMT	SMT							SMT	SMT	SMT	SMT
		SMT	SMT	SMT							SMT	SMT	SMT	SMT
15S+3P+3P+15S														



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

[illegible]

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