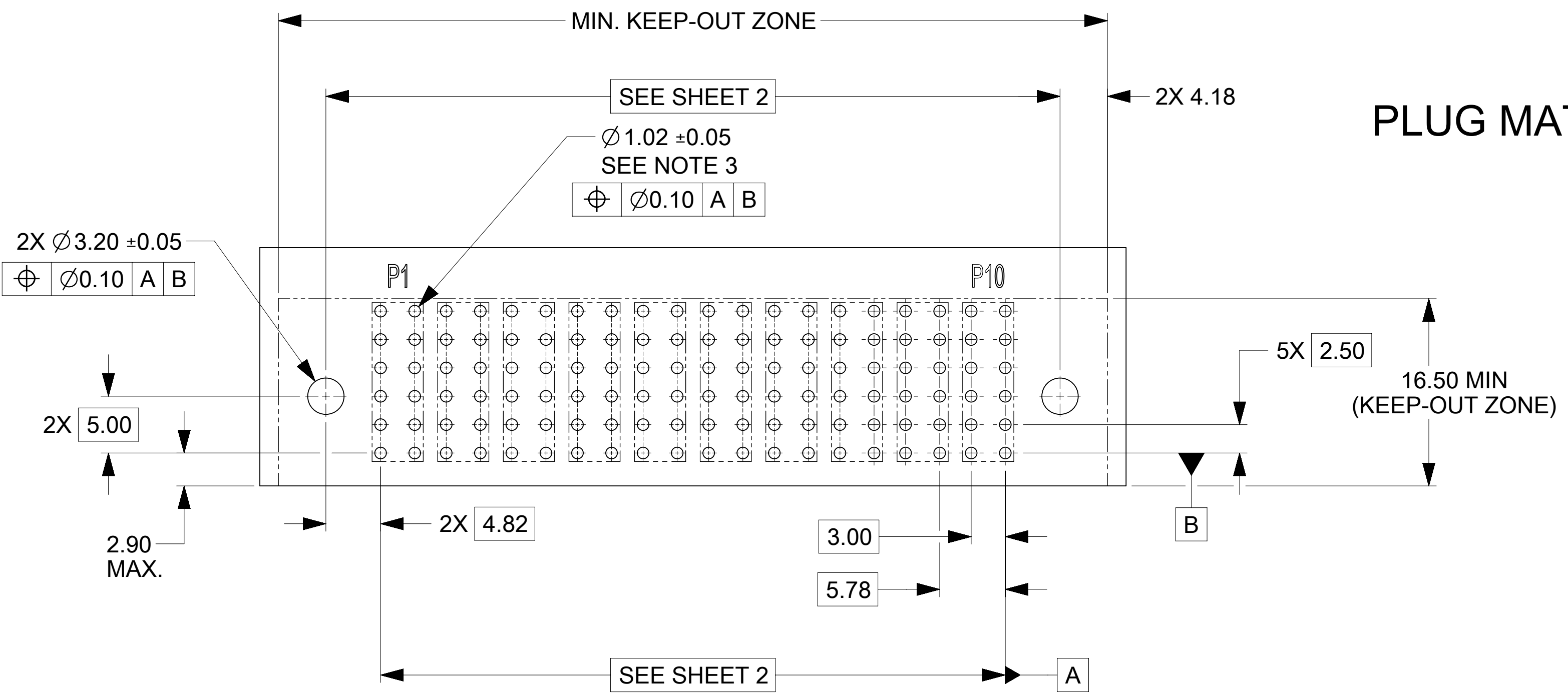
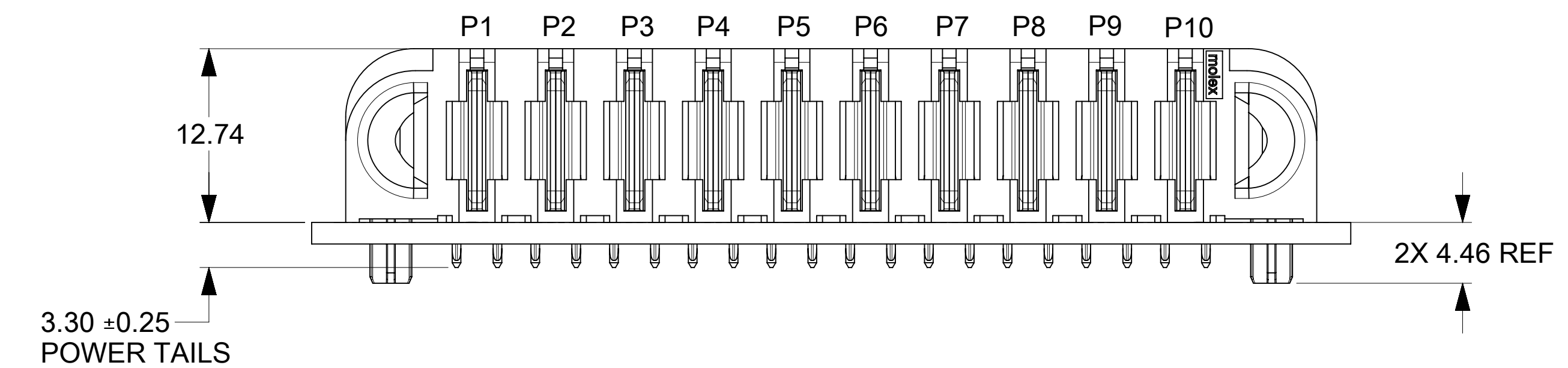
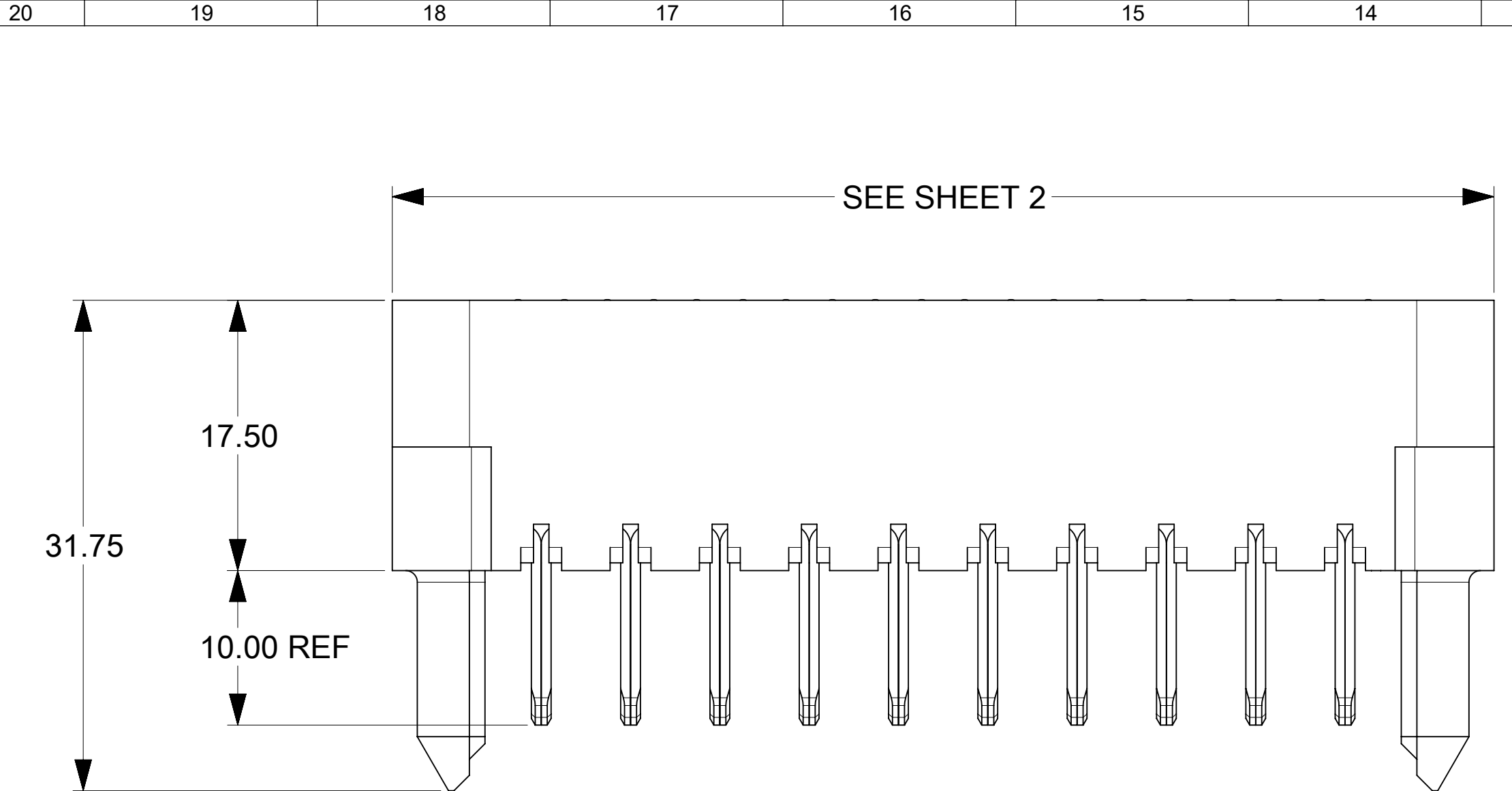
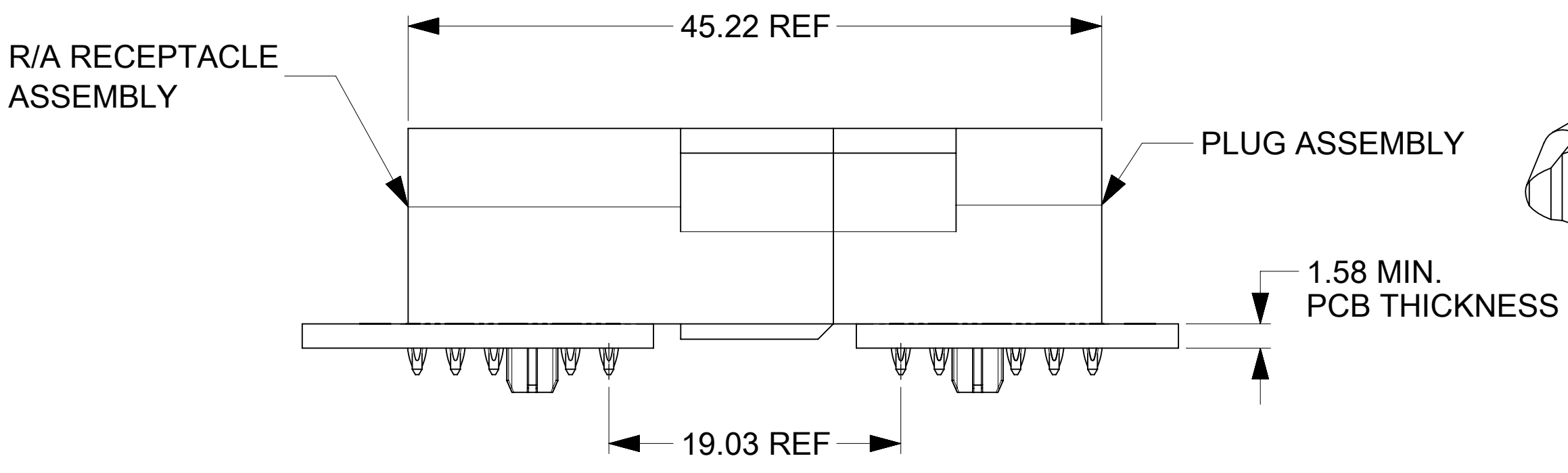
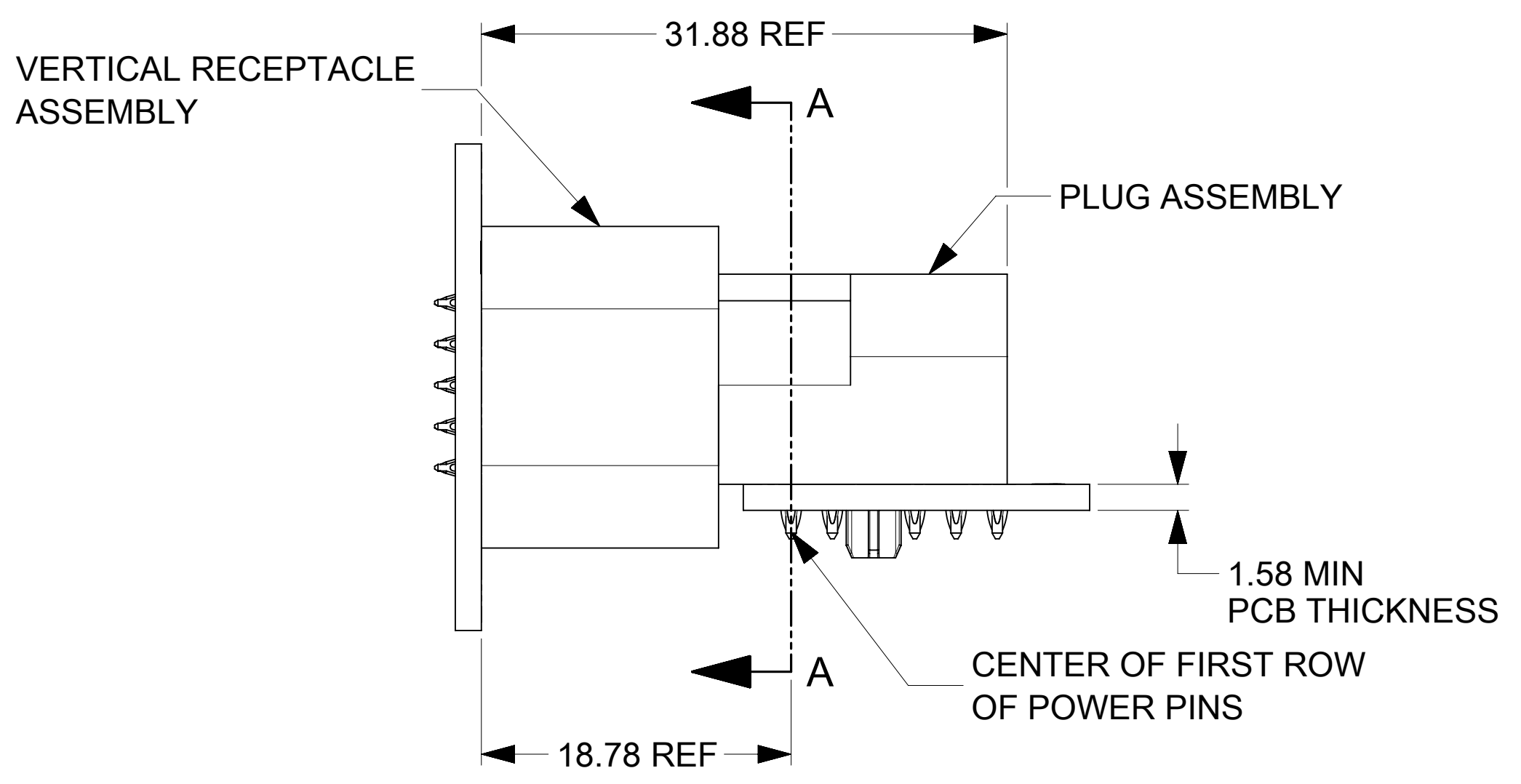




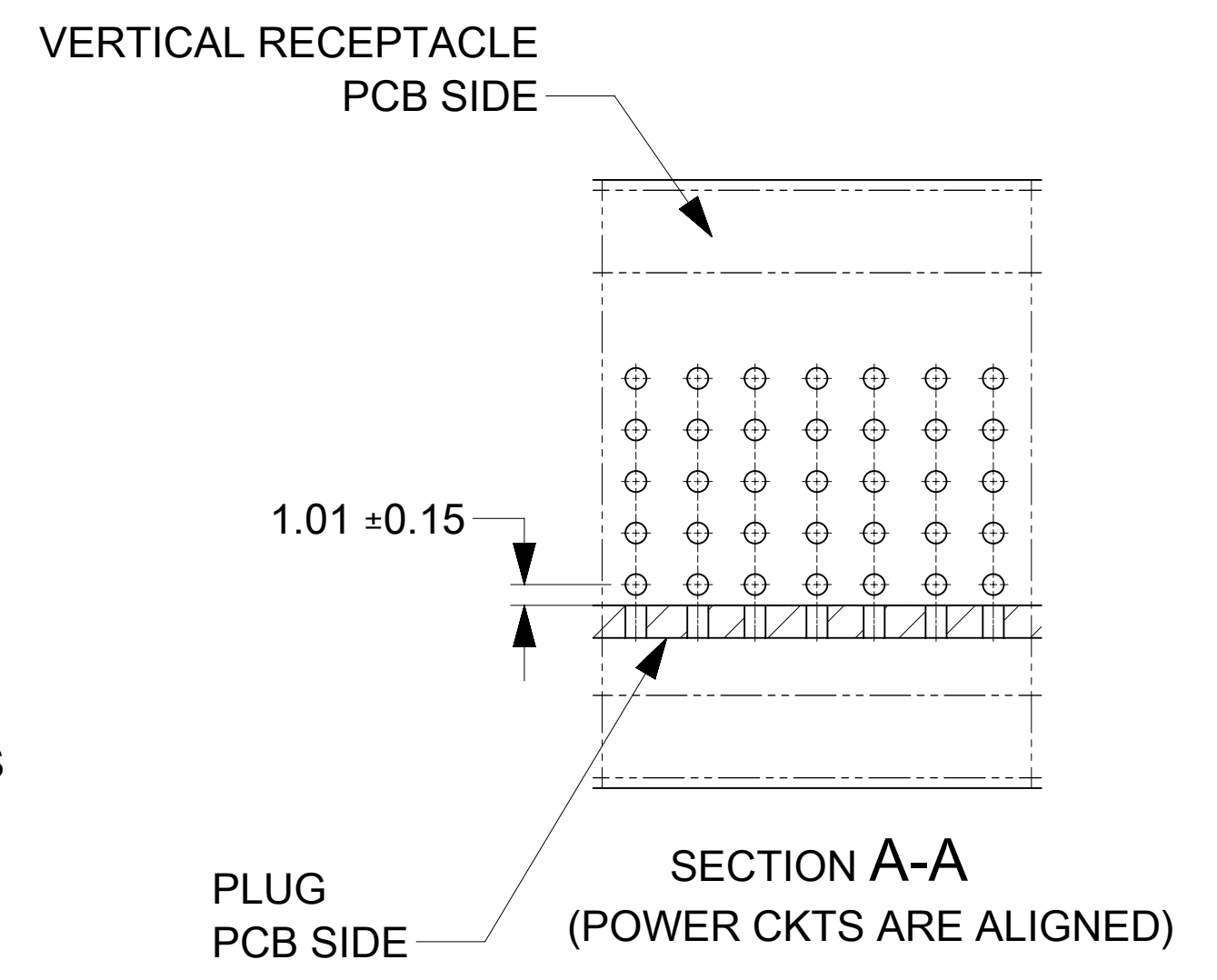
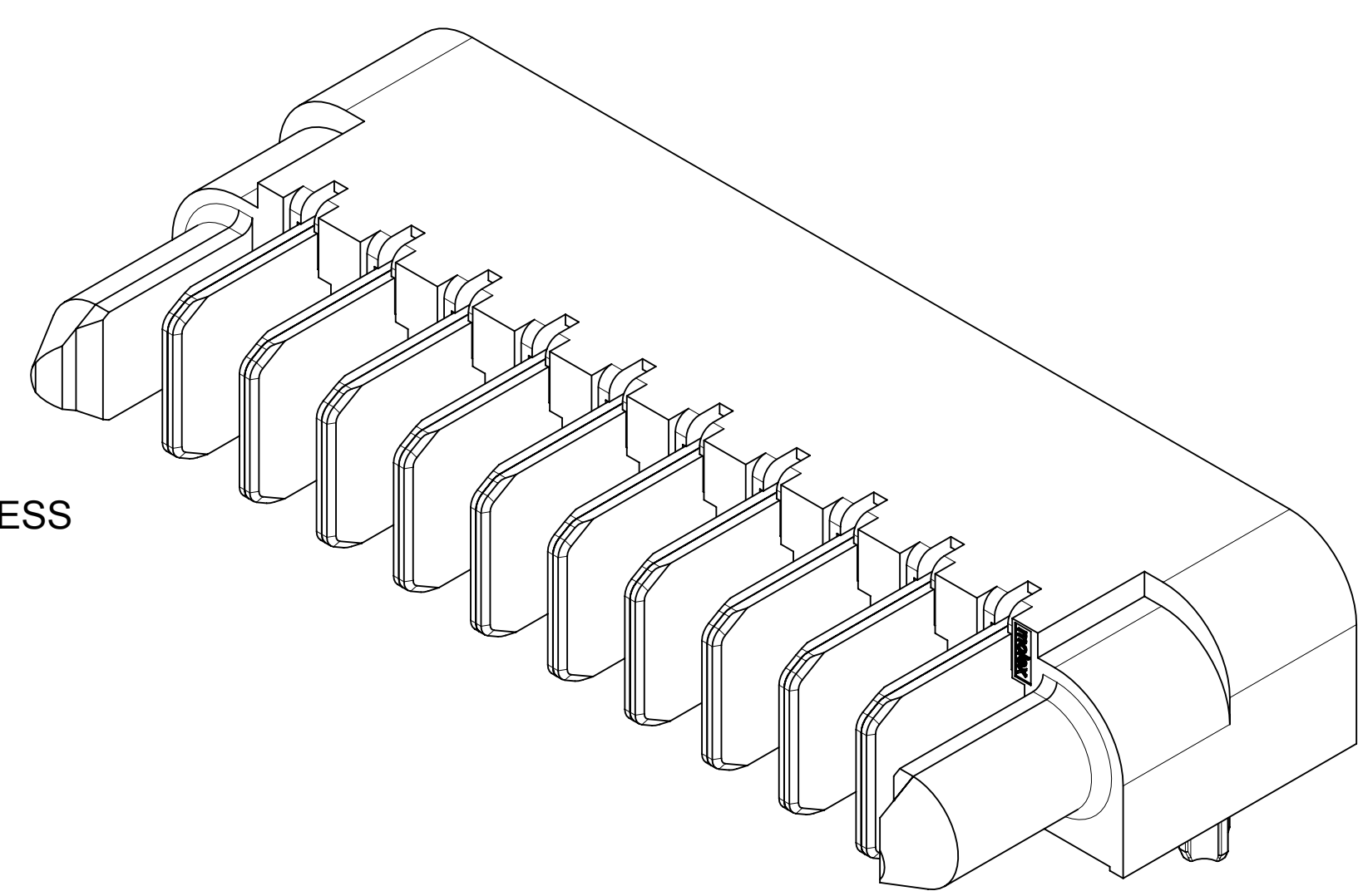
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE



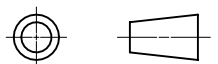
PLUG MATED TO R/A RECEPTACLE MATED PROFILE



PLUG MATED TO VERTICAL RECEPTACLE MATED PROFILE



- NOTES:
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH 2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND 0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 2141130010-PK.
 - PLATED THRU HOLE SIZE, REFER TO PRODUCT SPEC. FOR DETAILS.
 - PRODUCT SPEC: 2141130000-PS.
 - PRODUCT TO MEET RoHS REQUIREMENTS.
 - PLUG ASSEMBLY MATES TO MOLEX RECEPTACLES 219563XXXX-SD AND 219564XXXX-SD, SEE DRAWINGS FOR DETAILS.
 - TAIL DESIGN: COMPLIANT PIN.
 - POWER TERMINALS ARE LUBRICATED.
 - APPLICATION SPECIFICATION: 2141130000-AS (FOR COMPLIANT TAILS ONLY).

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm		3:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				GUARDIAN HD RA PLUG POWER ONLY PF					
ANGULAR TOL ± °									
4 PLACES		±		EC NO: 745288				PRODUCT CUSTOMER DRAWING	
3 PLACES		±		DRWN: LZABJANOVSKI 2023/03/09					
2 PLACES		± 0.25		CHK'D: JAYK1 2023/04/10					
1 PLACE		± 0.3		APPR: JAYK1 2023/04/10					
0 PLACES		±		INITIAL REVISION:				DOCUMENT NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: LZABJANOVSKI 2022/03/14				2195629000-SD	
				APPR: BPISZCZOR 2022/08/04				DOC TYPE	
THIRD ANGLE PROJECTION				DRAWING		SERIES		DOC PART	
				D-SIZE		219562		REVISION	
								A1	
								PSD 000	
								SHEET NUMBER	
								1 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11	17:04:40
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