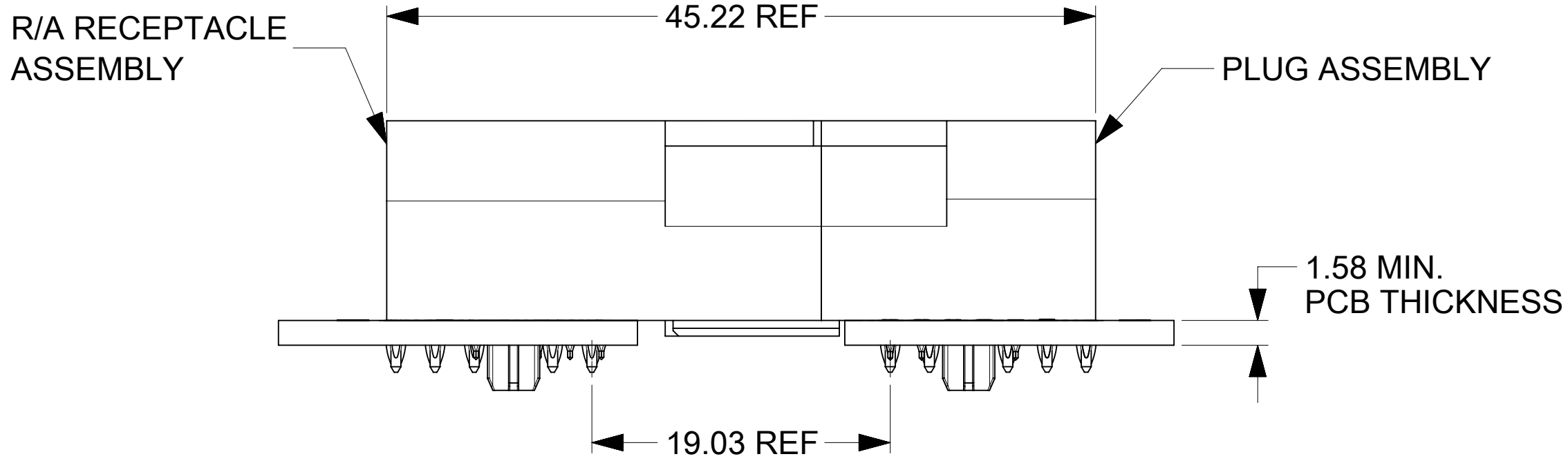
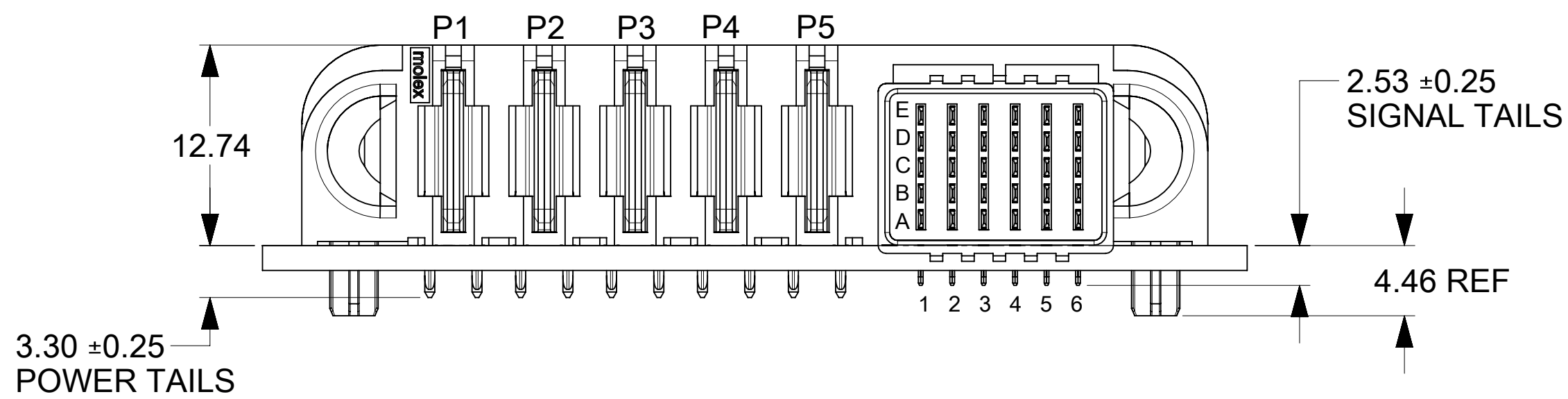
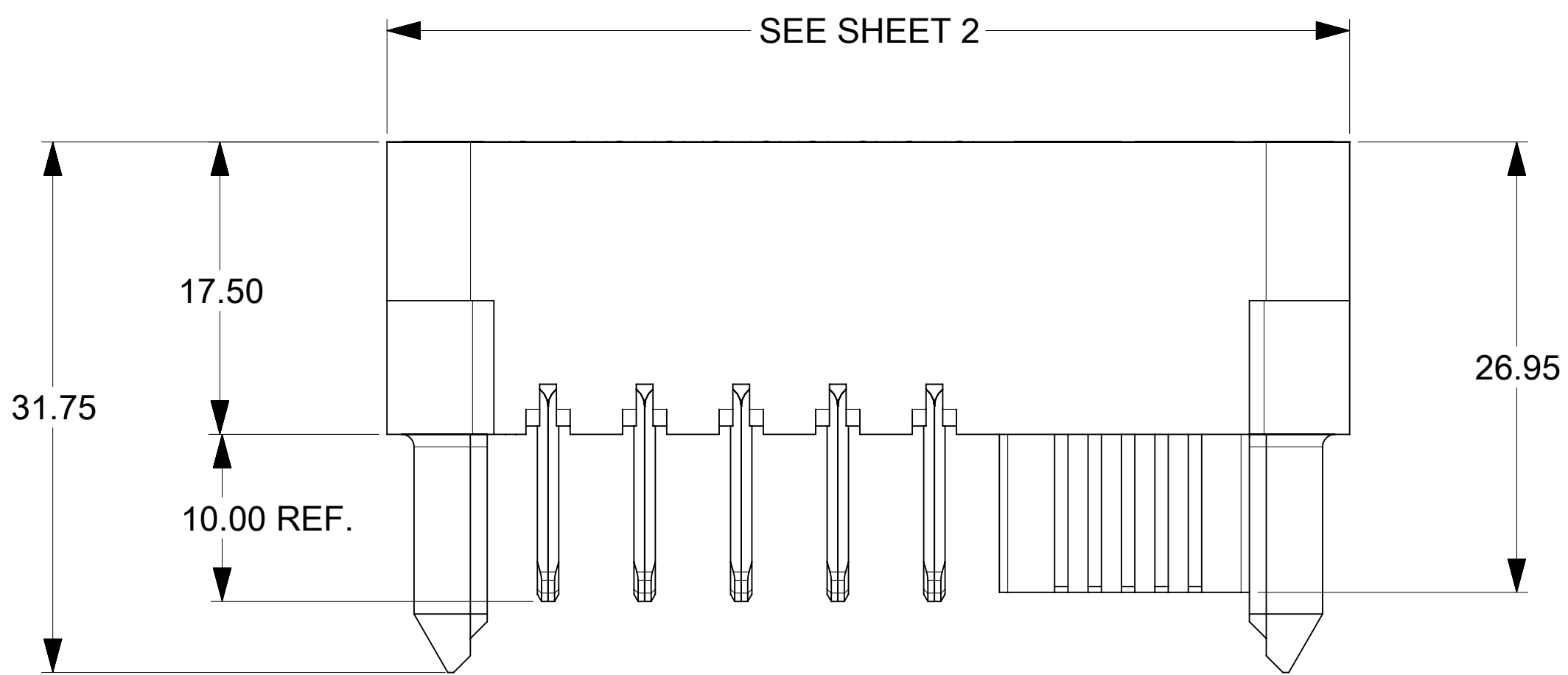
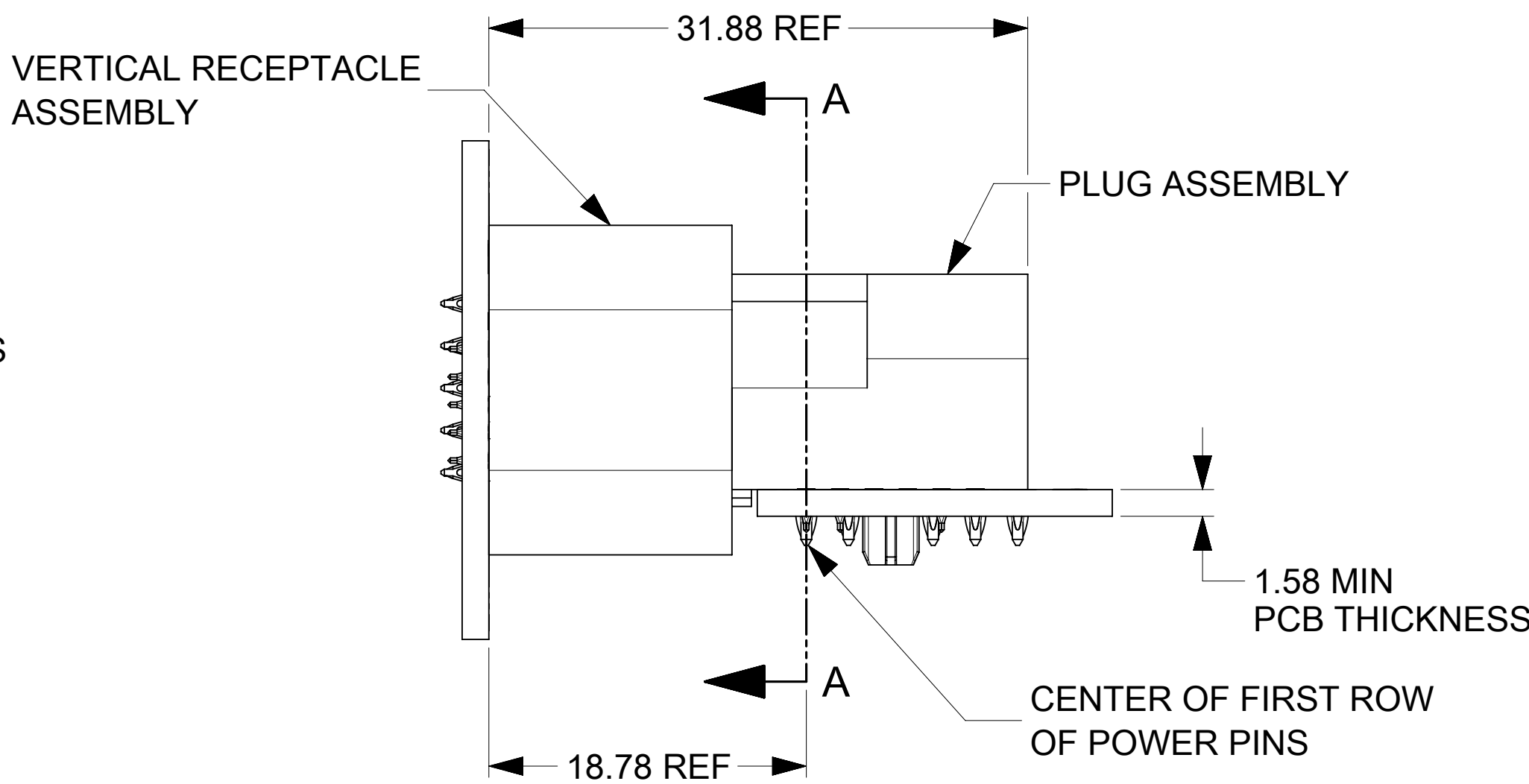
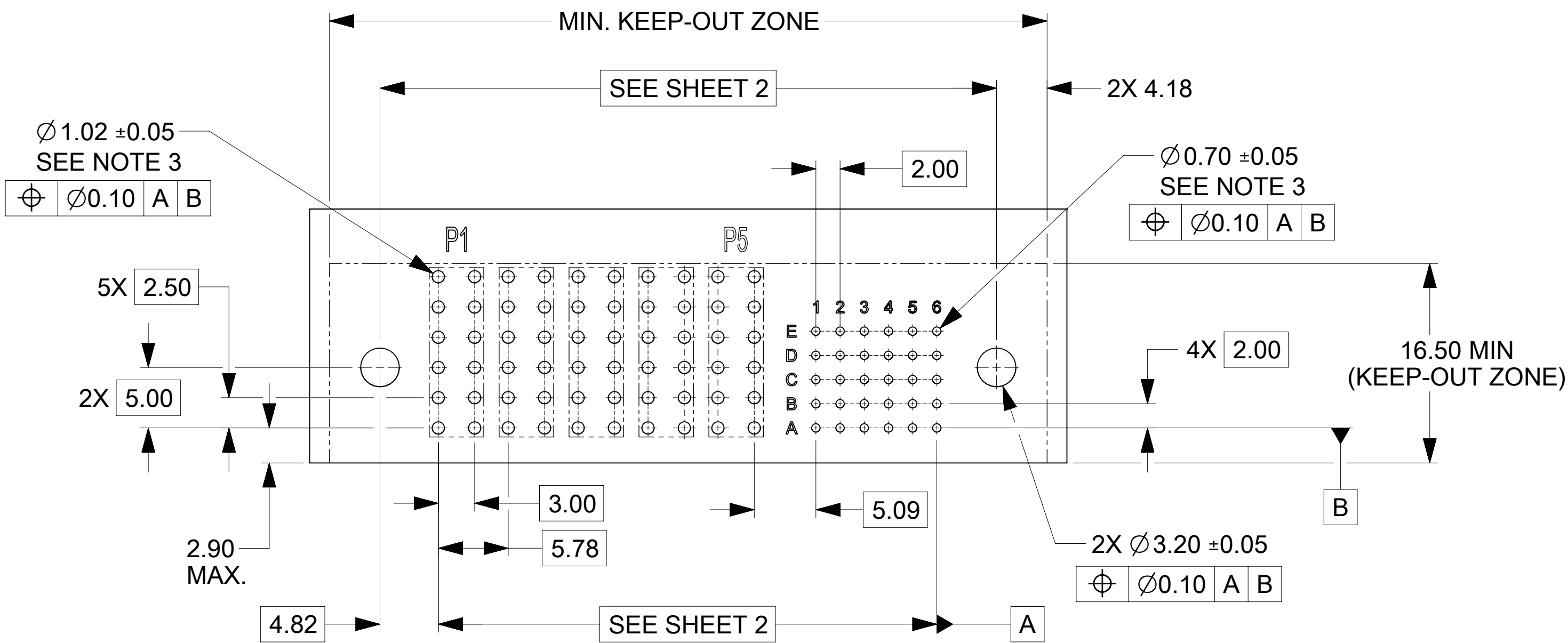
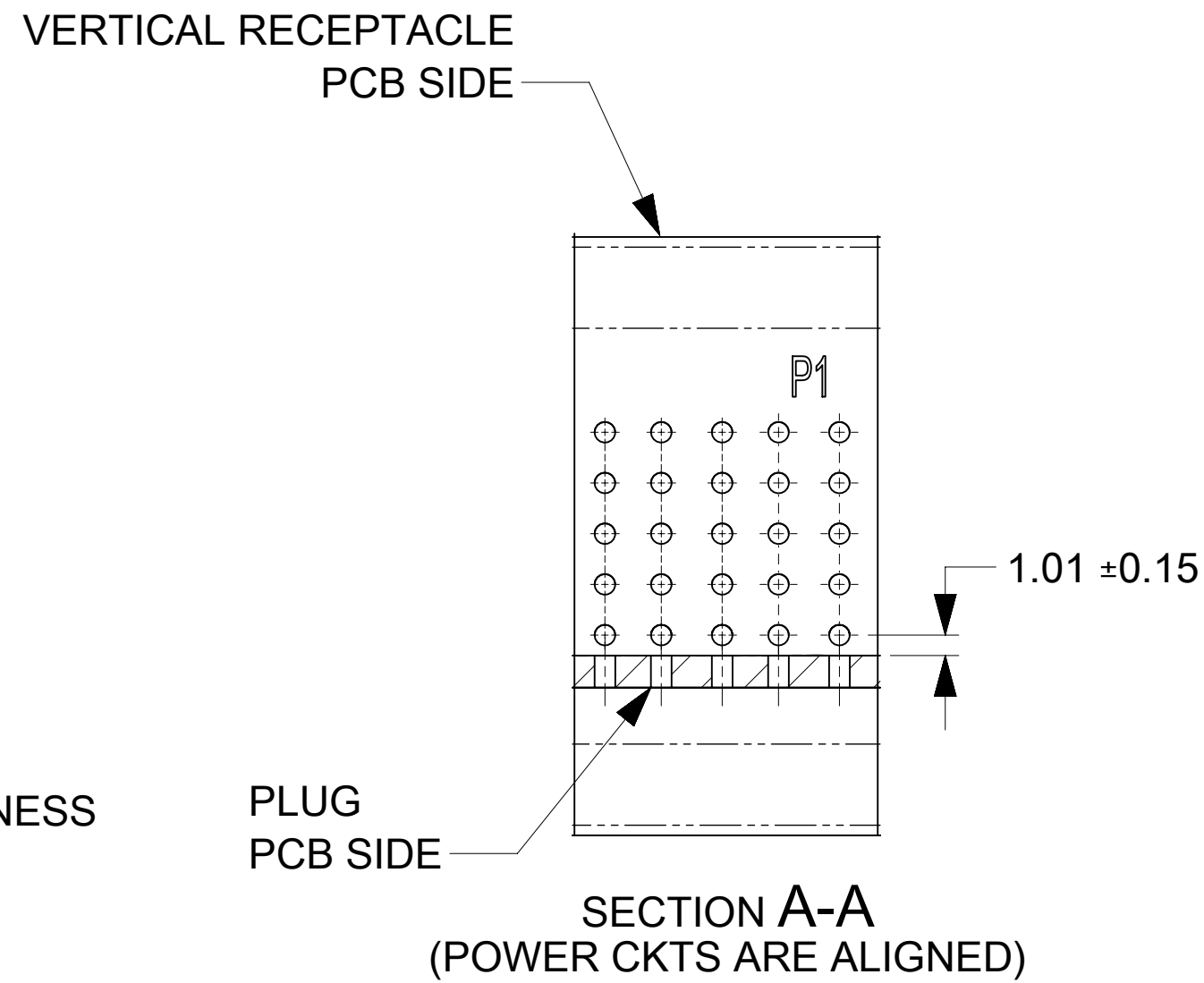
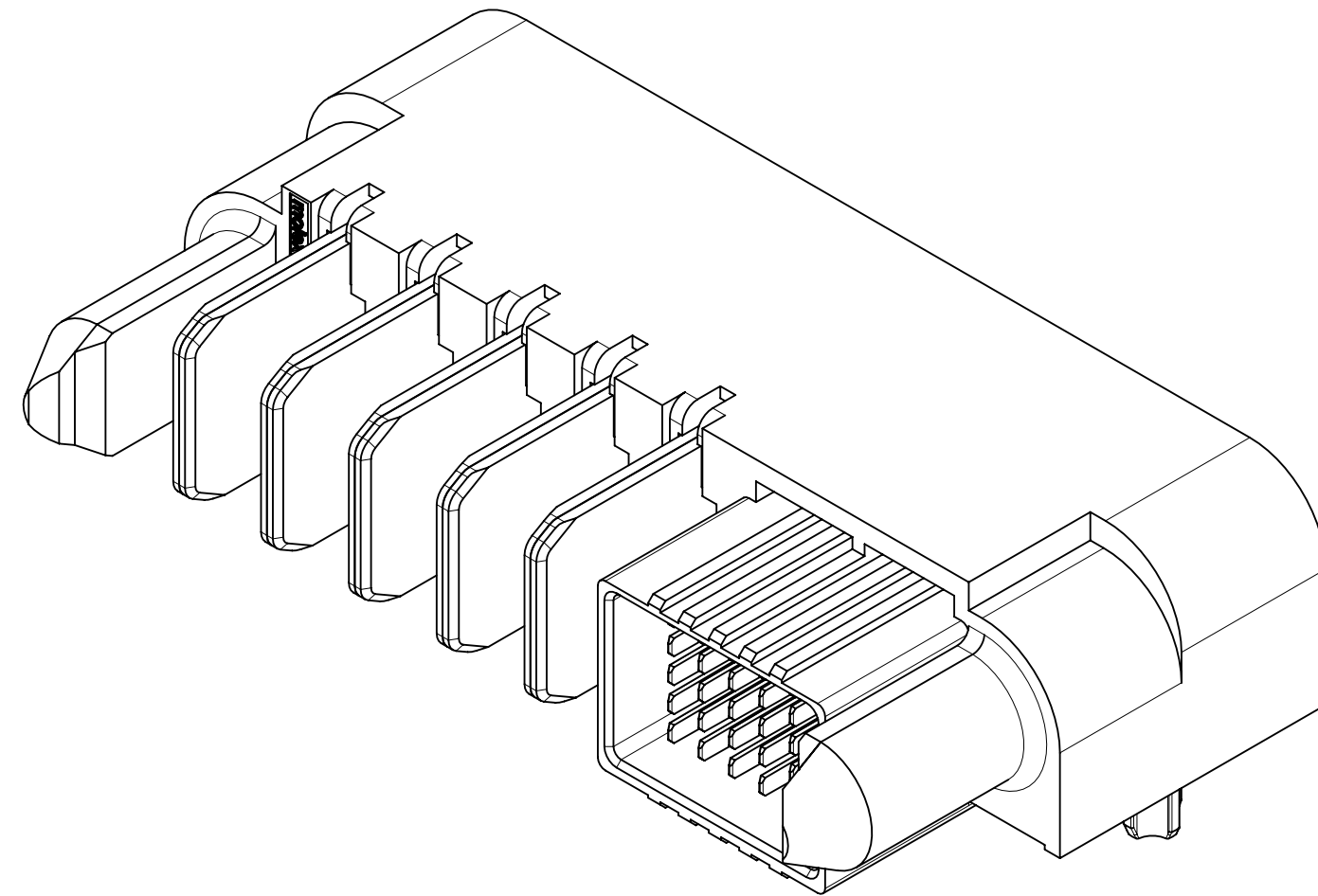




PLUG MATED TO R/A RECEPTACLE
MATED PROFILE



PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE



RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

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 AND SIGNALS 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)				EC NO: 745288 DRWN: LZABJANOVSKI 2023/03/09 CHK'D: JAYK1 2023/04/10 APPR: JAYK1 2023/04/10				GUARDIAN HD RA PLUG RIGHT SIGNAL WITH POWER PF		
ANGULAR TOL ± °										
4 PLACES		±								
3 PLACES		±		INITIAL REVISION: DRWN: LZABJANOVSKI 2022/03/14 APPR: BPISZCZOR 2022/08/04				PRODUCT CUSTOMER DRAWING		
2 PLACES		± 0.25								
1 PLACE		± 0.3								
0 PLACES		±		DOCUMENT NUMBER 2195629001-SD				DOC TYPE	DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								THIRD ANGLE PROJECTION	DRAWING	SERIES
 				D-SIZE	219562	SEE CHART		1 OF 2		

