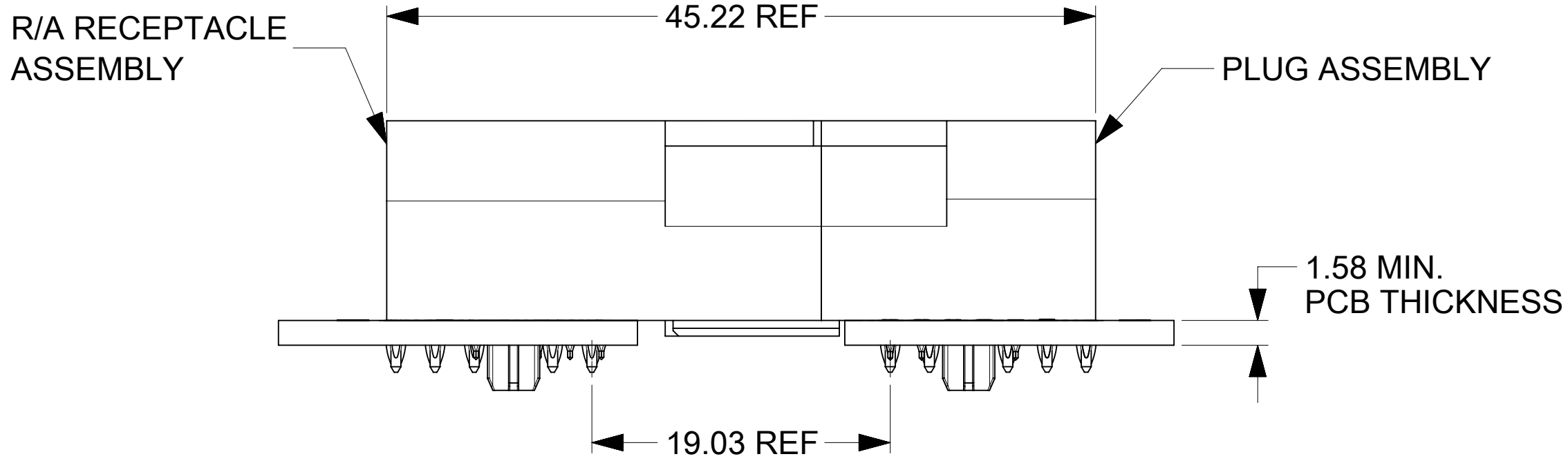
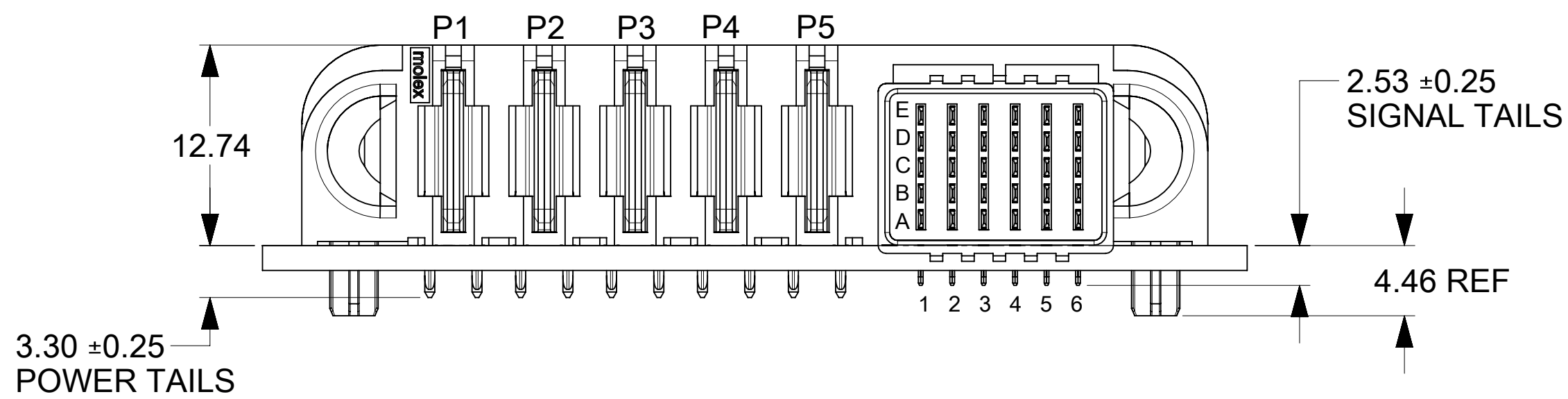
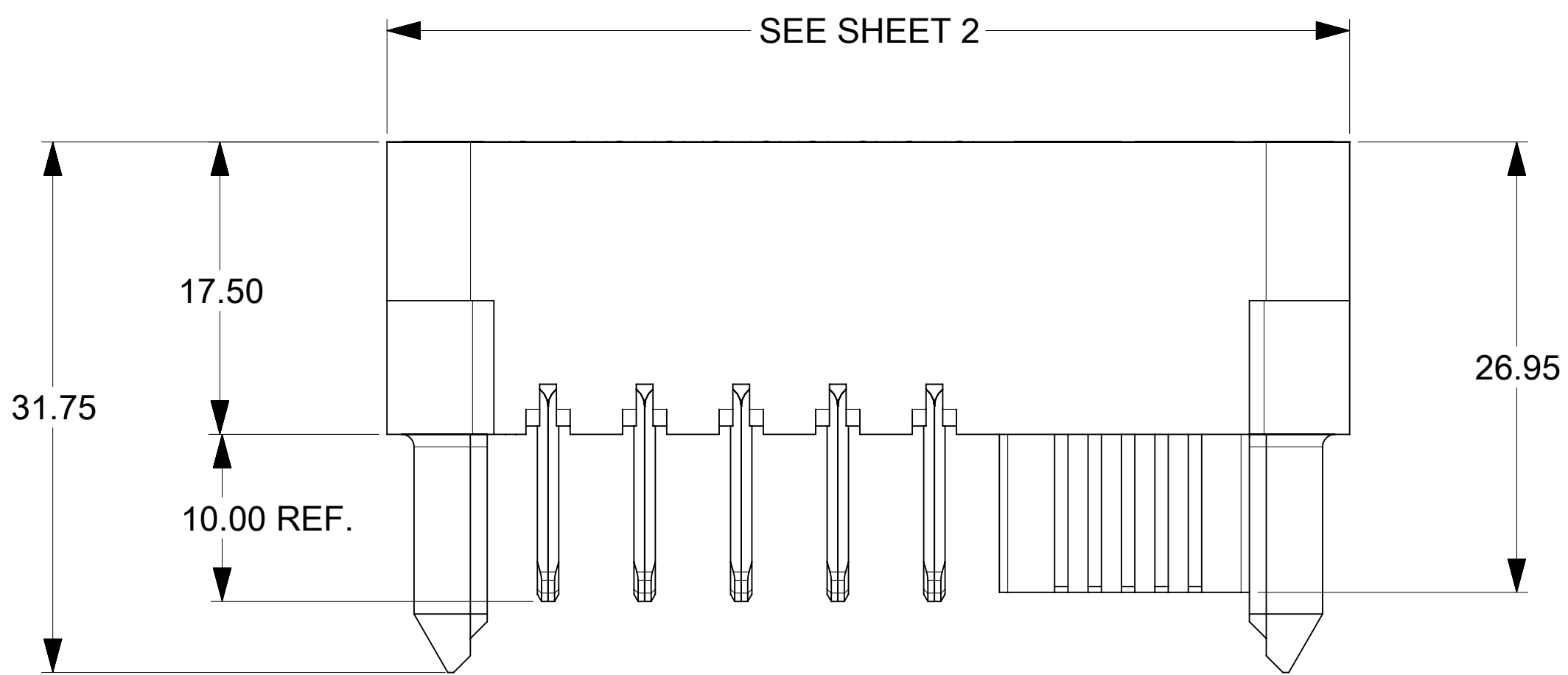
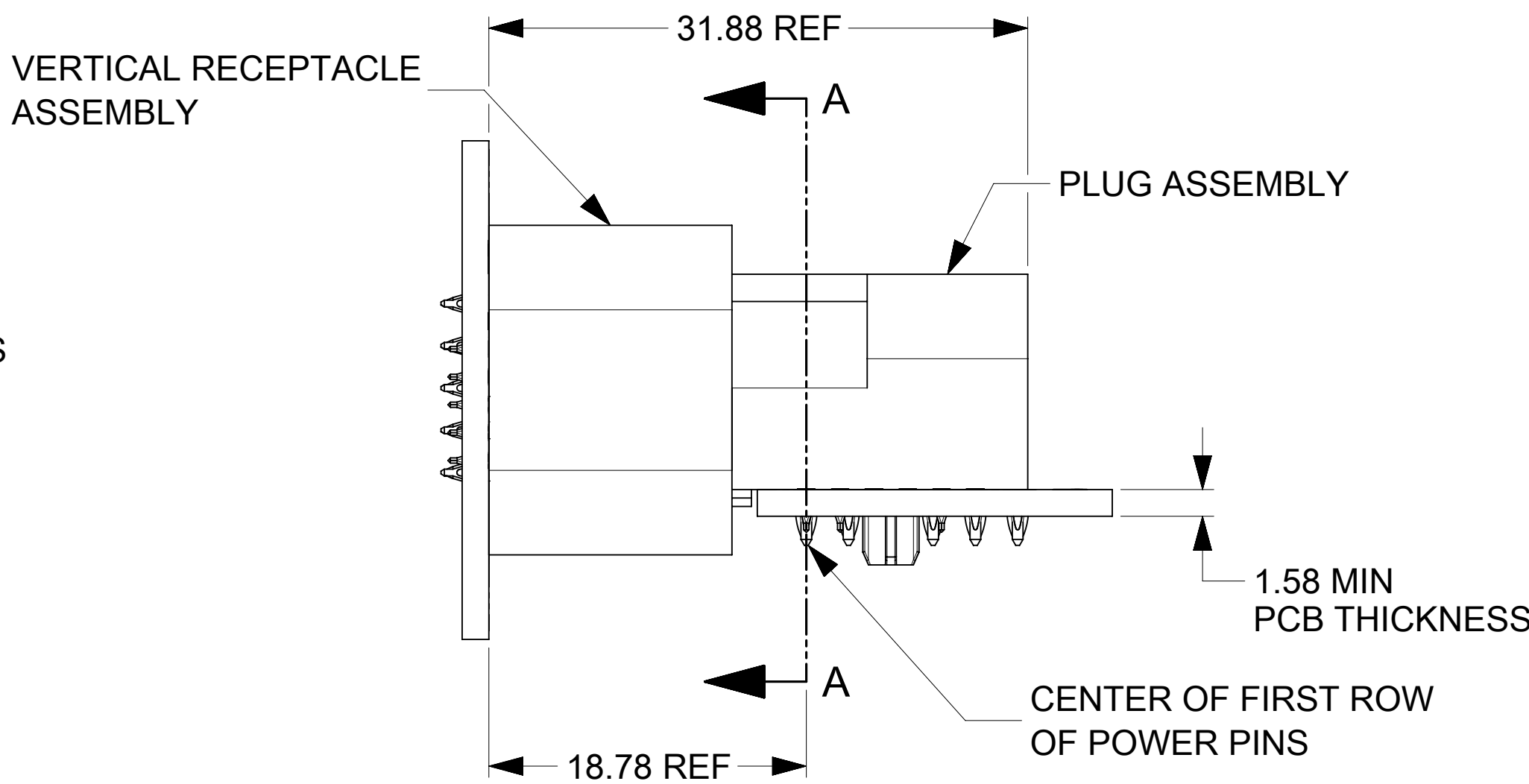
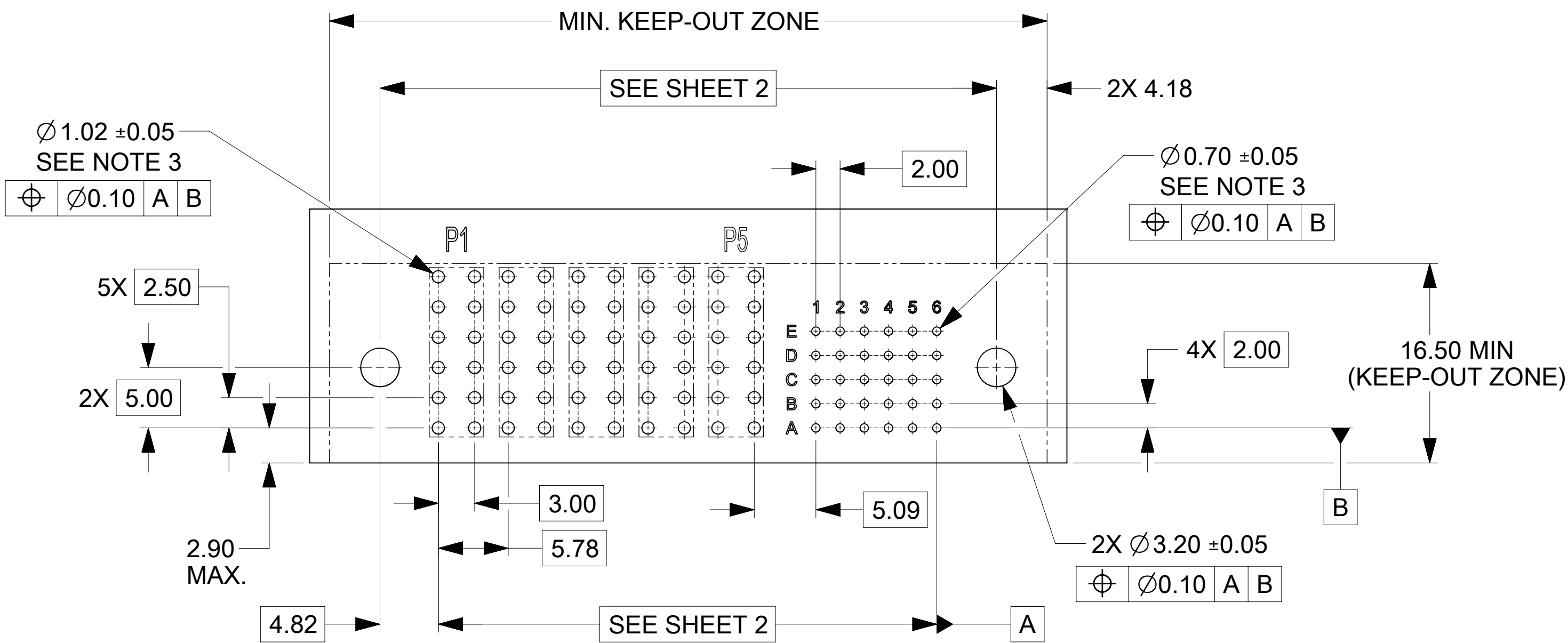
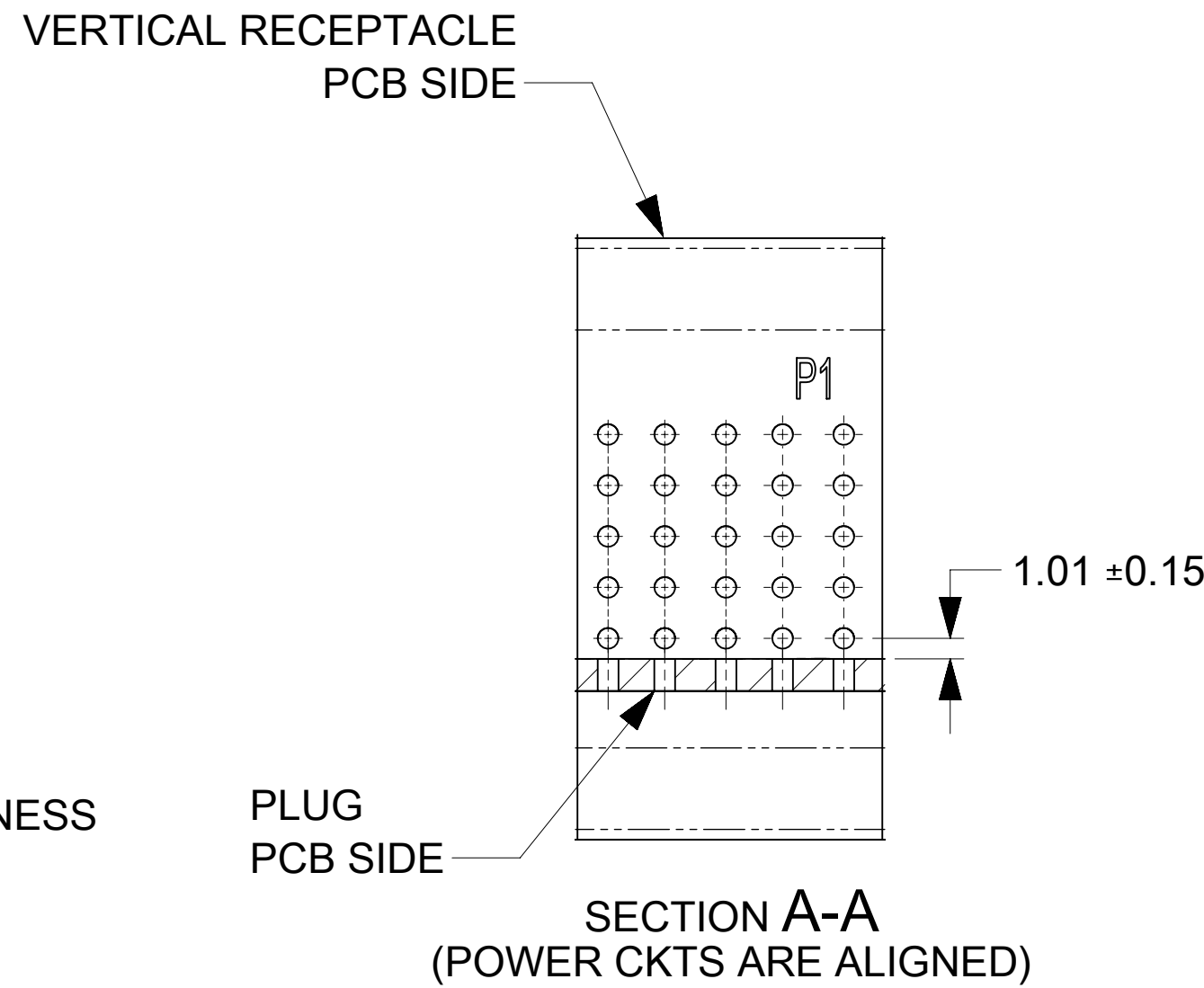
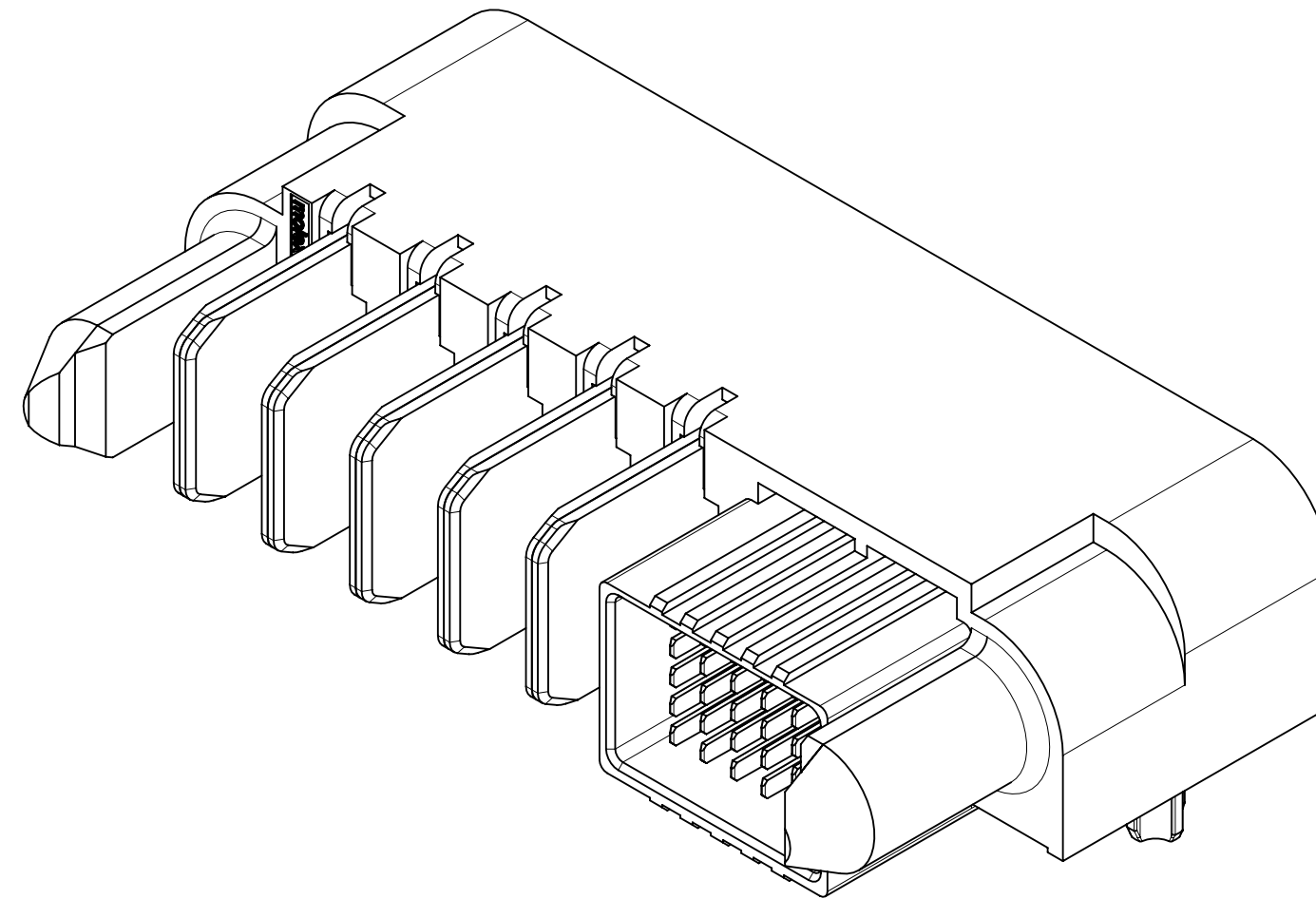




PLUG MATED TO R/A RECEPTACLE
MATED PROFILE



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:					
mm		3:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex GUARDIAN HD RA PLUG RIGHT SIGNAL WITH POWER PF PRODUCT CUSTOMER DRAWING					
ANGULAR TOL ± °									
4 PLACES		±							
3 PLACES		±							
2 PLACES		± 0.25							
1 PLACE		± 0.3							
0 PLACES		±							
INITIAL REVISION:				DOCUMENT NUMBER					
DRWN: LZABJANOVSKI		2022/03/14		2195629001-SD					
APPR: BPISZCZOR		2022/08/04							
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER	
				D-SIZE		219562		SEE CHART	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						CUSTOMER		SHEET NUMBER	
								1 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11 17:04:40
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18

17

16

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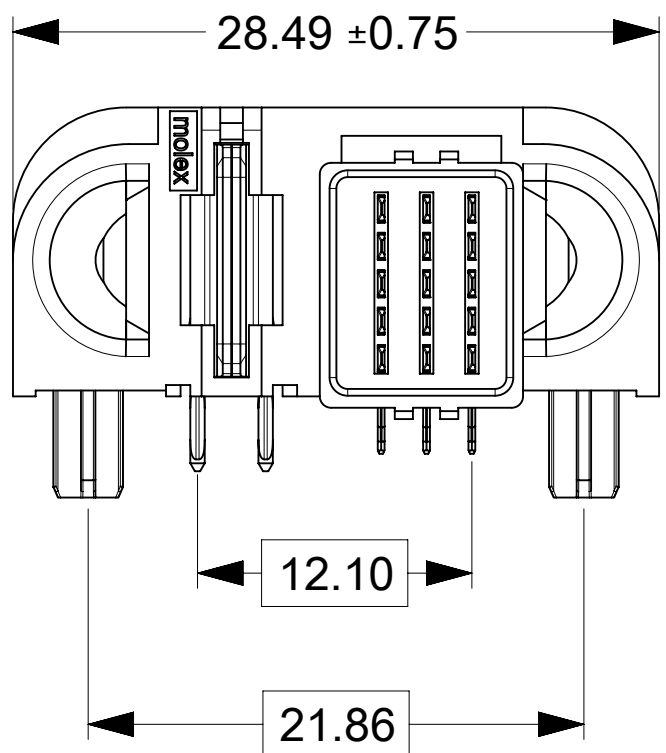
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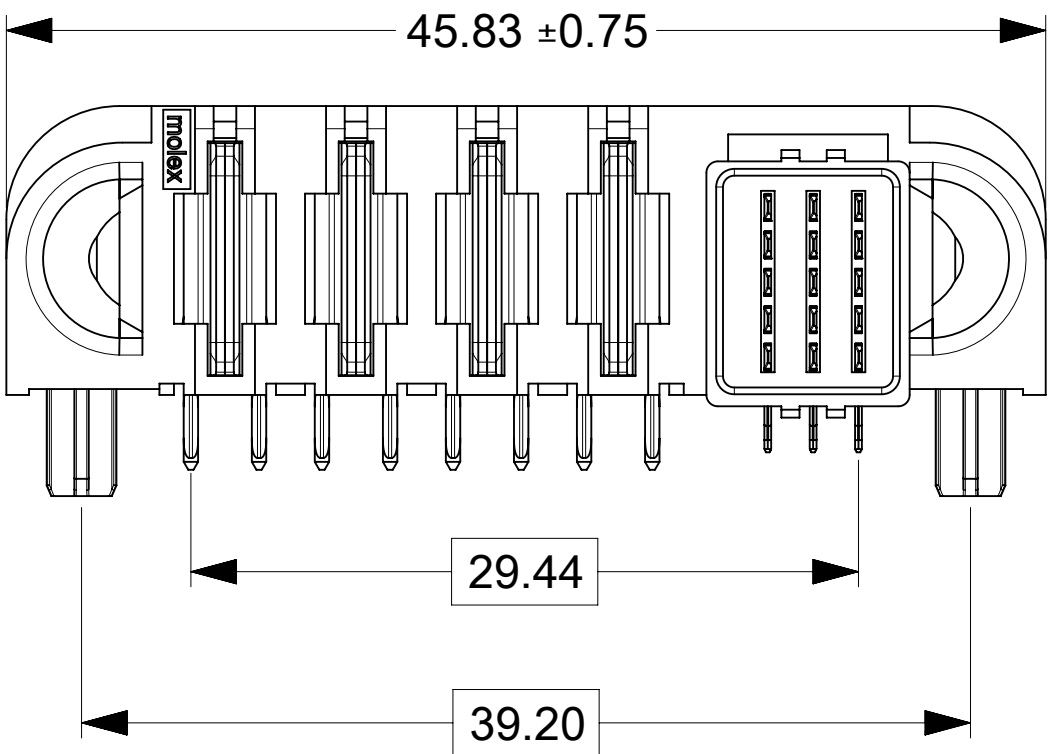
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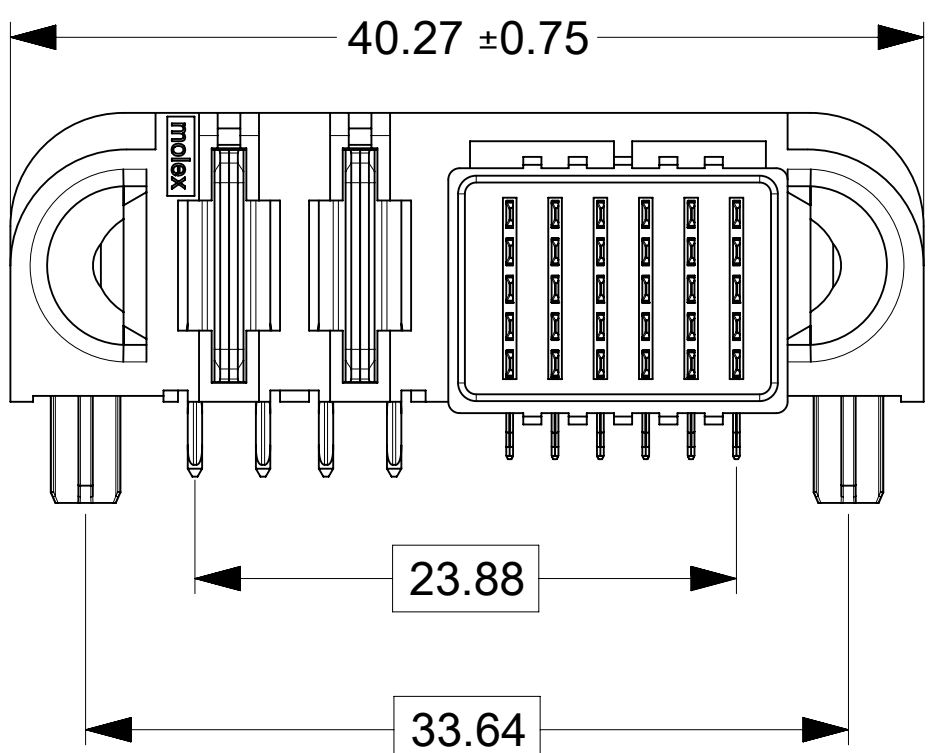
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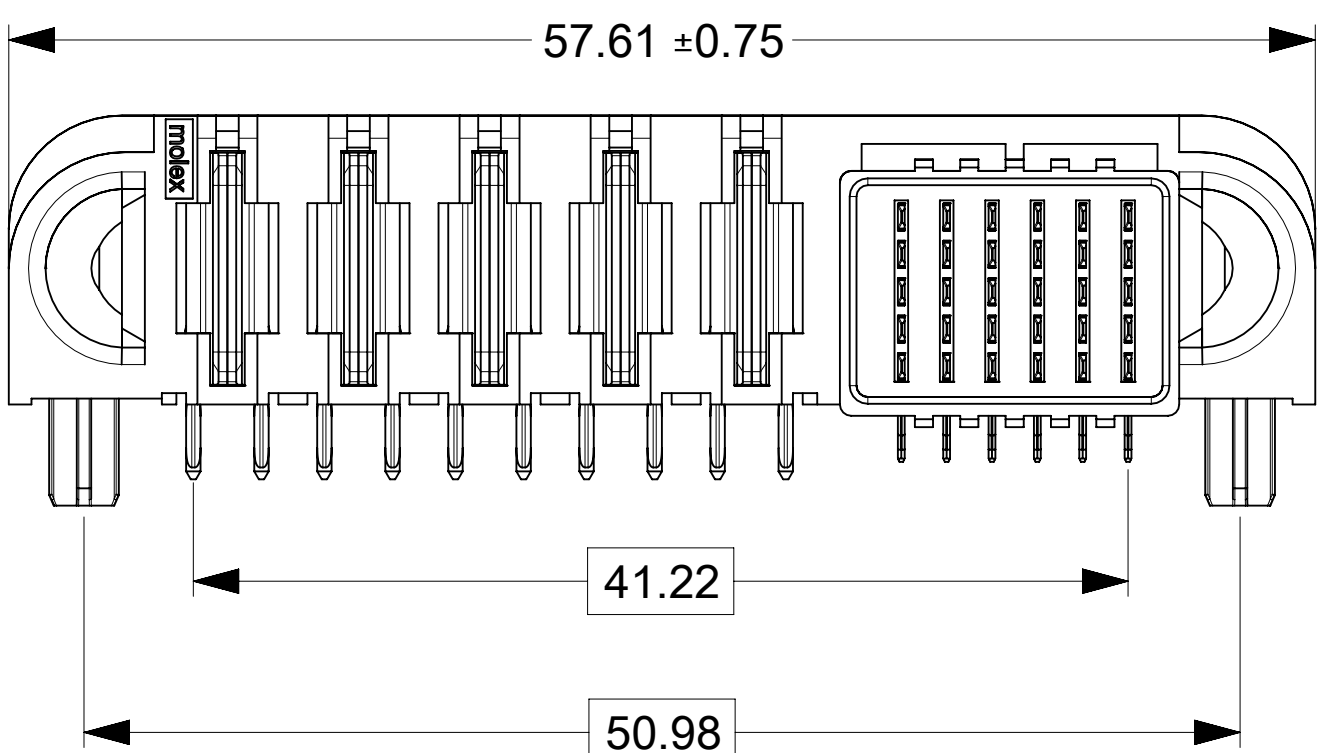
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PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
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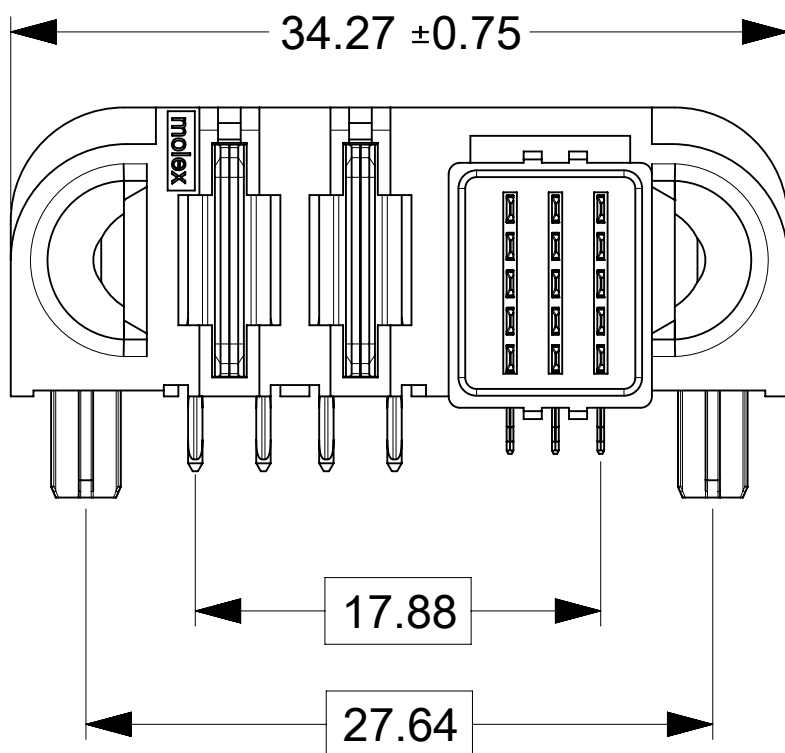


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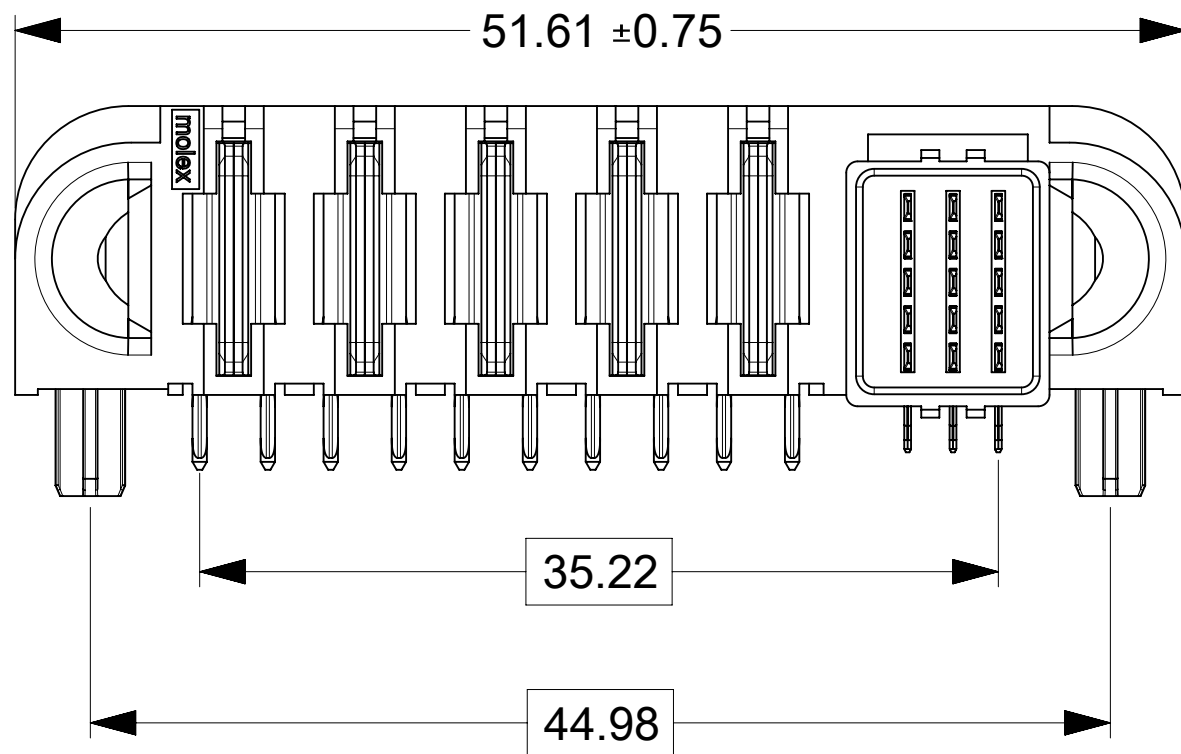


DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11	17:04:40
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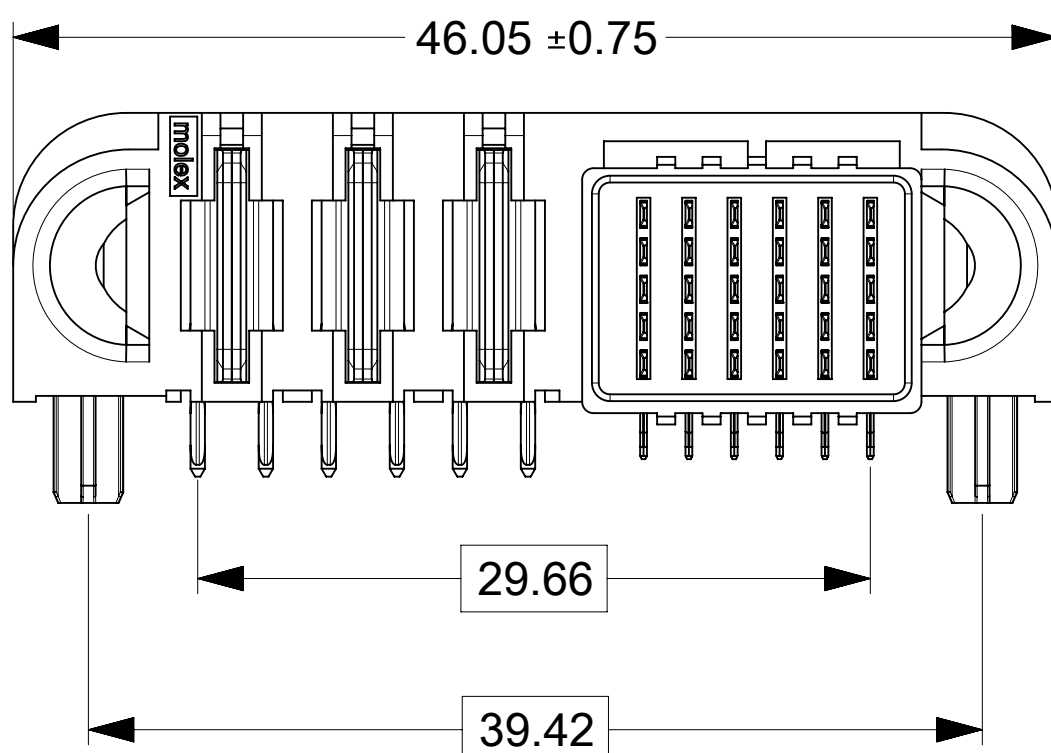
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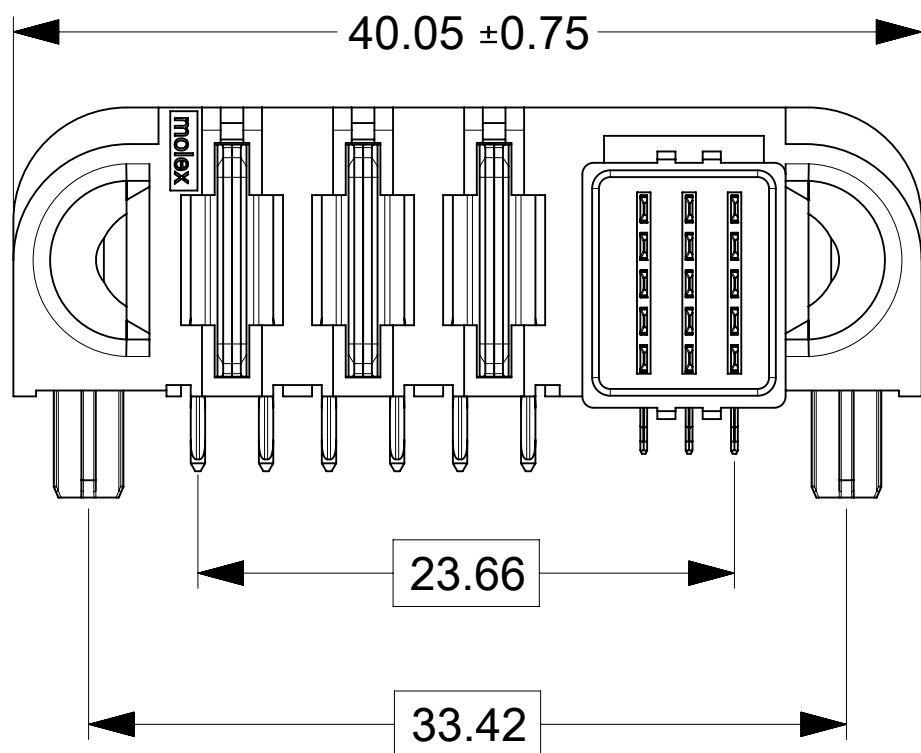
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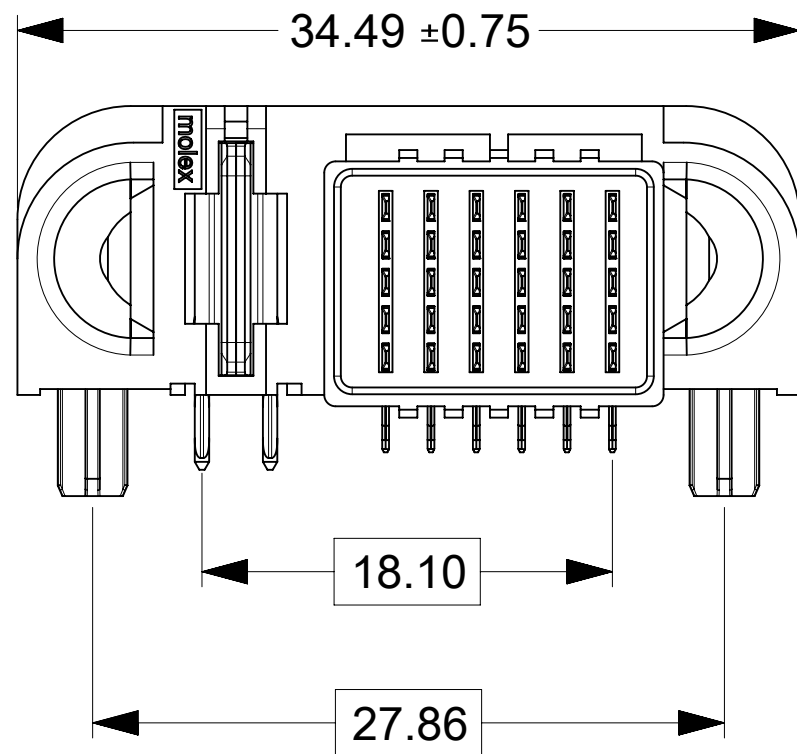
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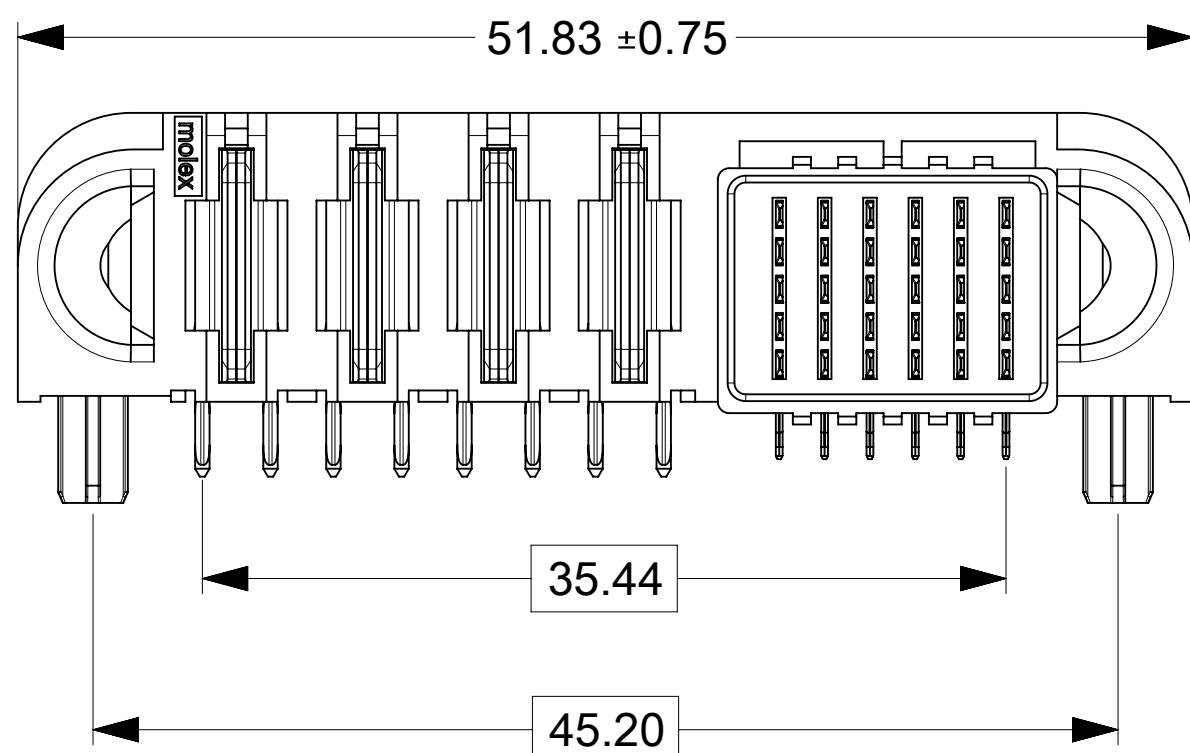
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PART NUMBER		CONFIGURATION	QUANTITY PER CARTON (DU)		
219562-0013		G+3P+15S+G	90		



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0016	G+1P+30S+G	105



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0019	G+4P+30S+G	75



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DIMENSION UNITS		SCALE	CURRENT REV DESC:				molex				
mm		3:1	EC NO: 745288 DRWN: LZABJANOVSKI 2023/03/09 CHK'D: JAYK1 2023/04/10 APPR: JAYK1 2023/04/10 INITIAL REVISION: DRWN: LZABJANOVSKI 2022/03/14 APPR: BPISZCZOR 2022/08/04				GUARDIAN HD RA PLUG RIGHT SIGNAL WITH POWER PF				
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL		±					°				
4 PLACES		±									
3 PLACES		±									
2 PLACES		±	0.25	PRODUCT CUSTOMER DRAWING							
1 PLACE		±	0.3								
0 PLACES		±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
			D-SIZE		219562	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER		
						SEE CHART			2 OF 2		
						2195629001-SD		PSD	000	A1	