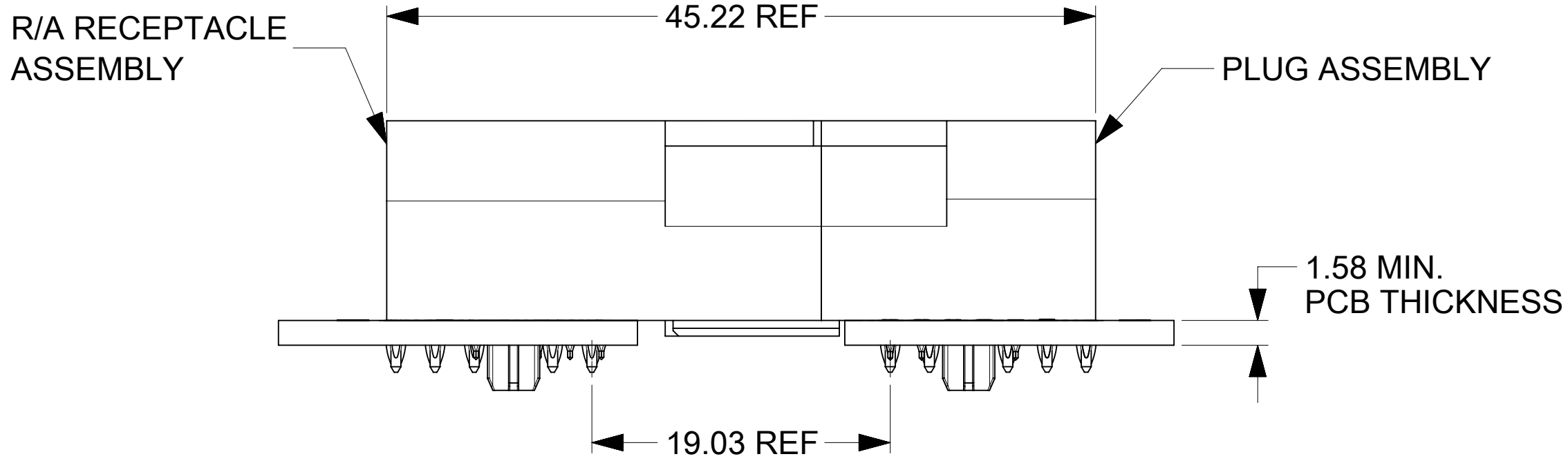
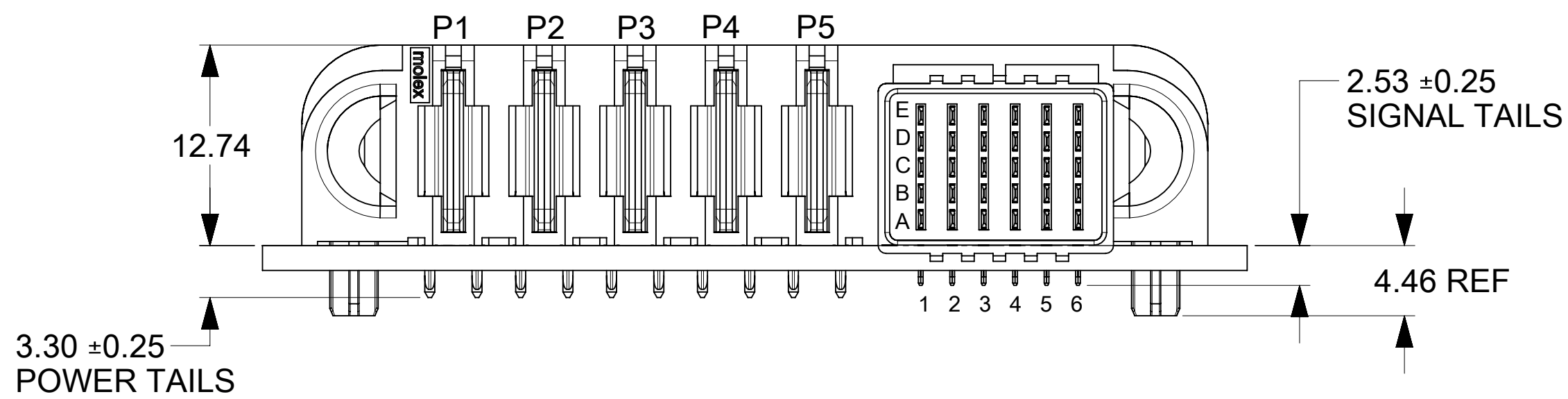
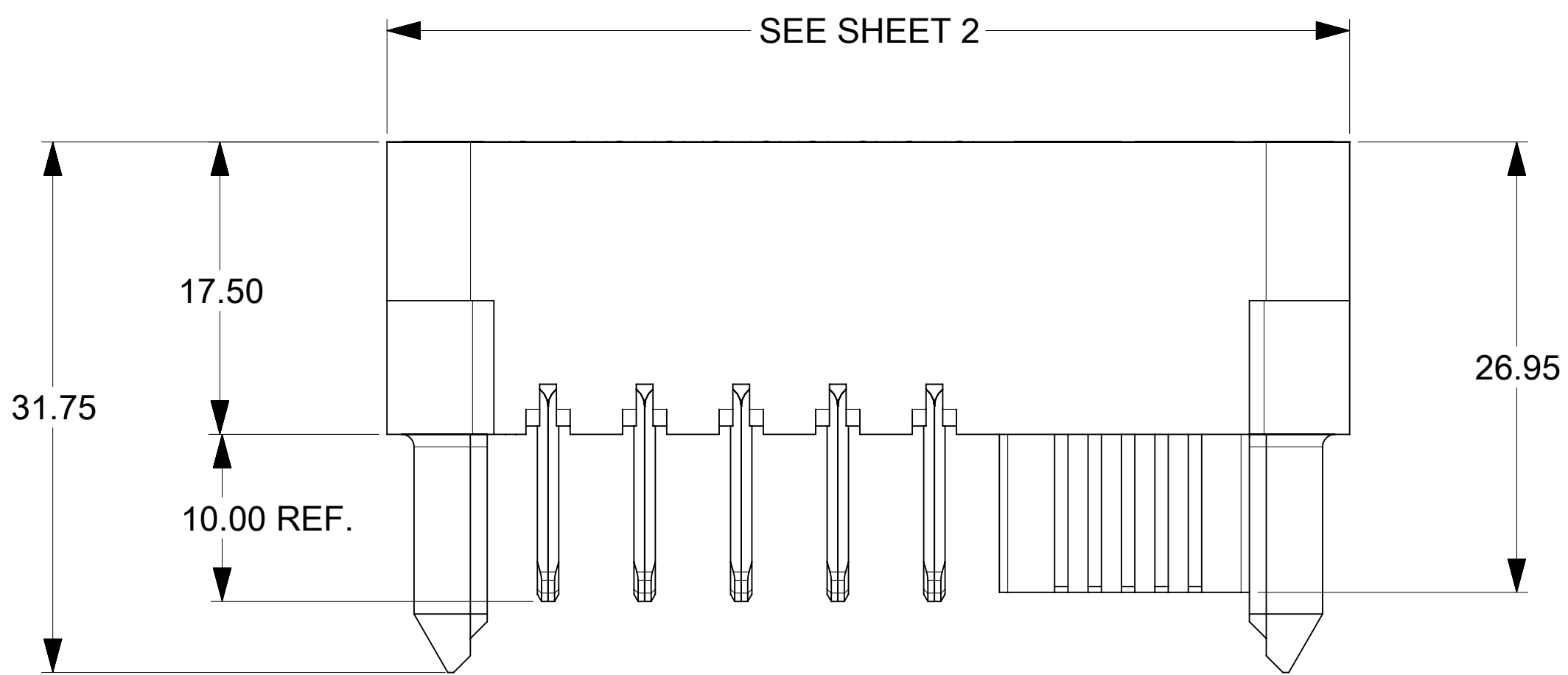
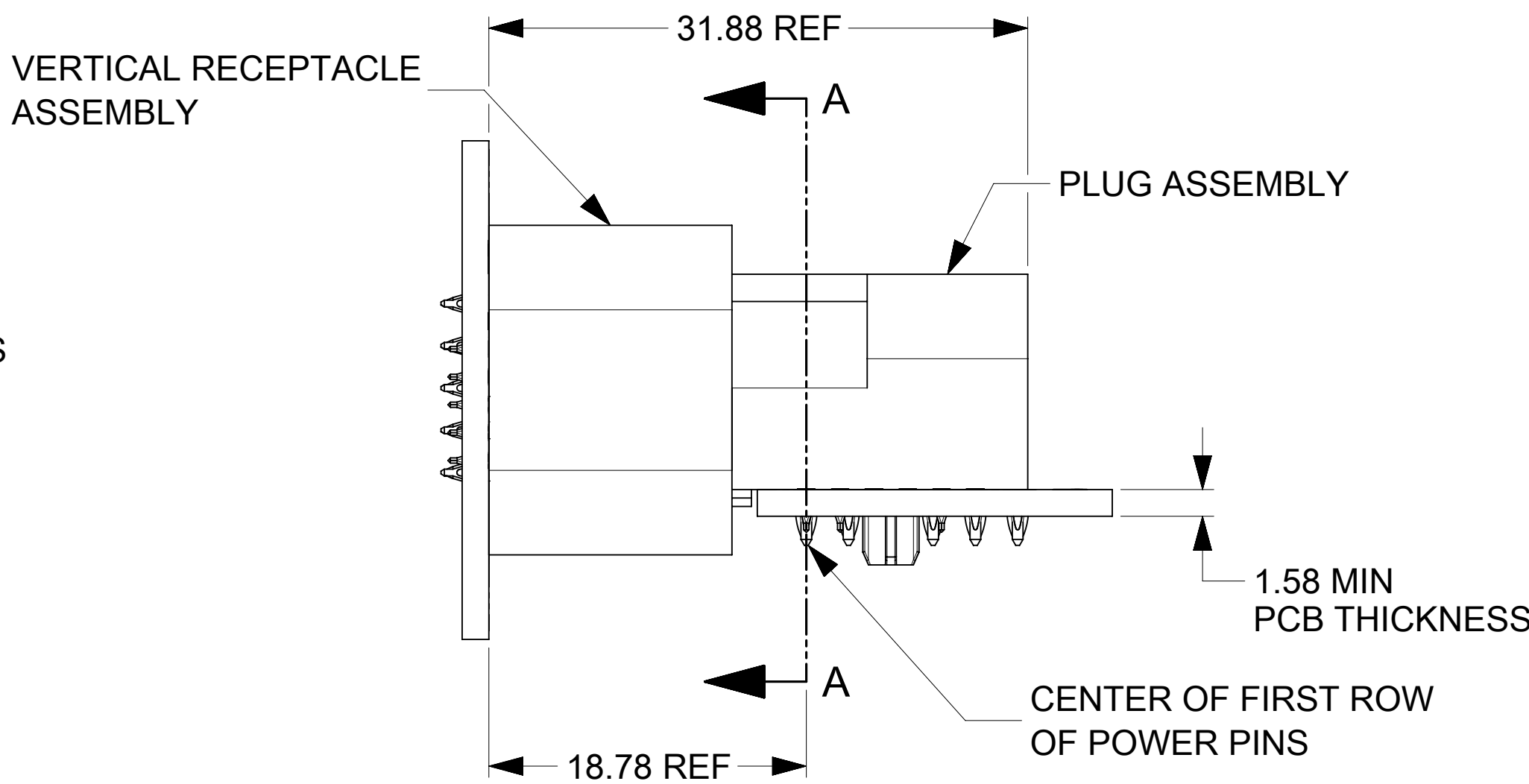
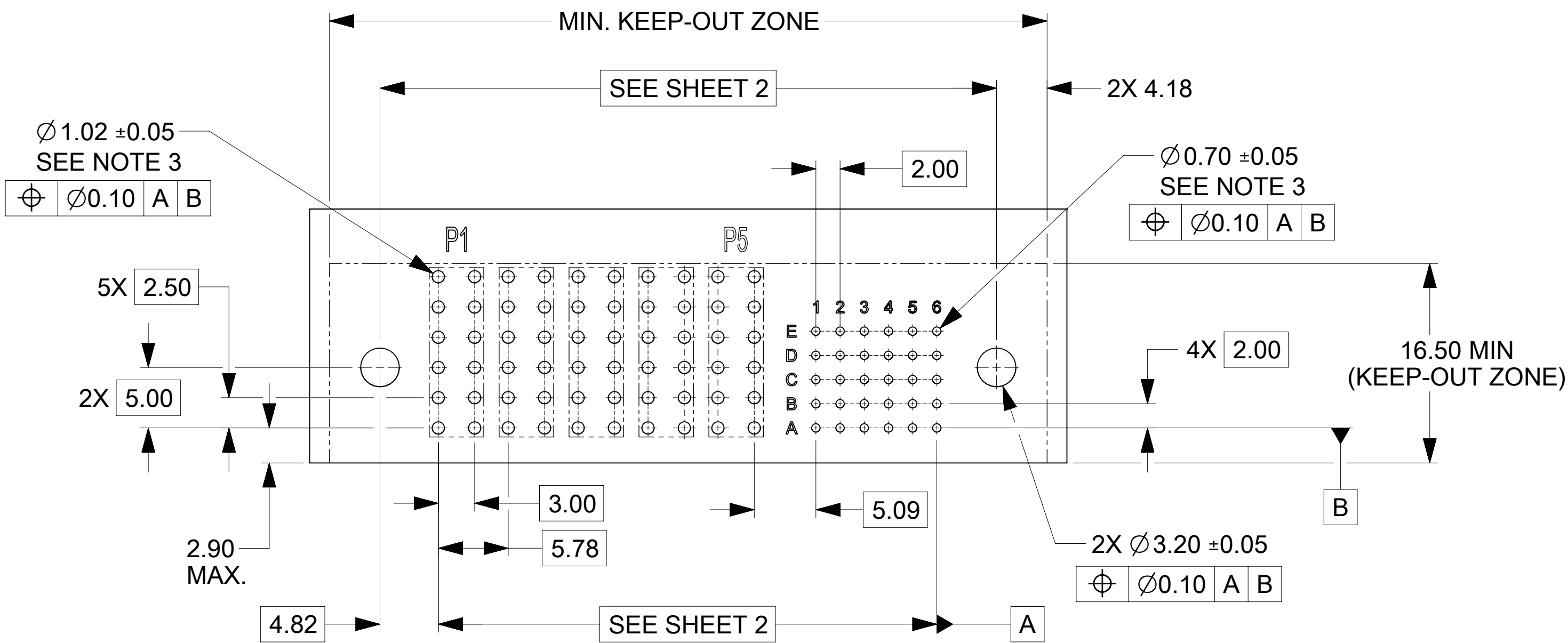
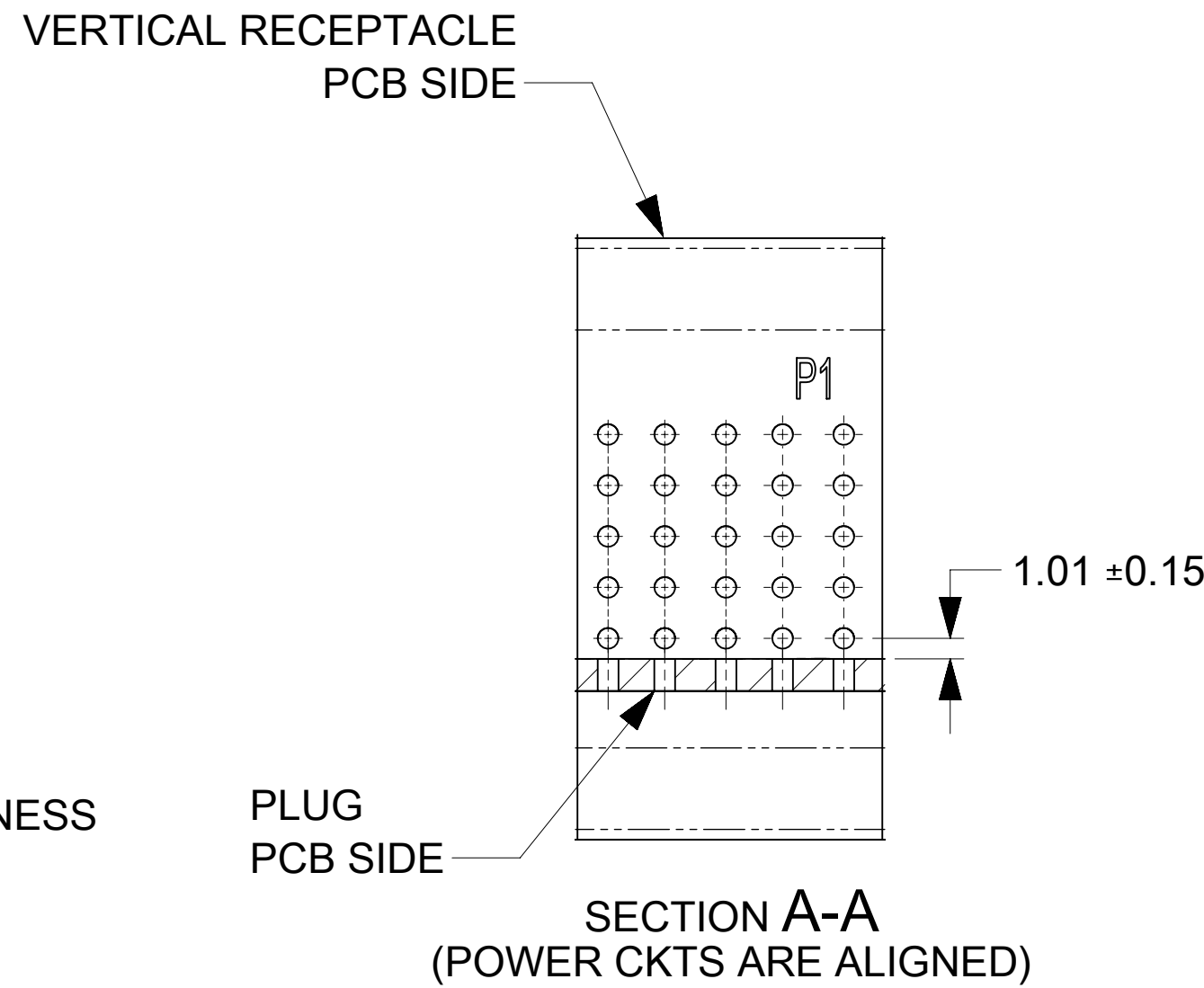
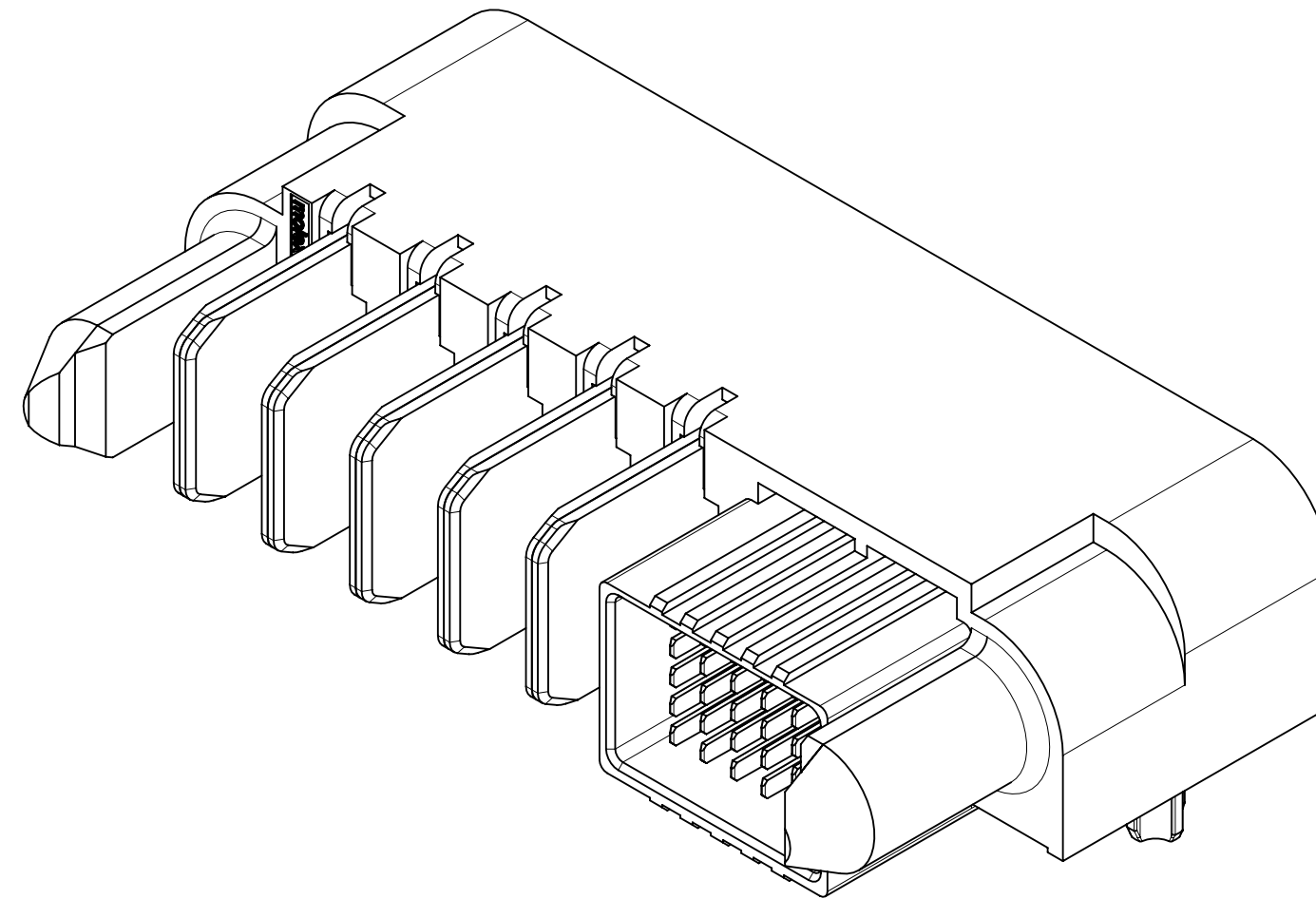




PLUG MATED TO R/A RECEPTACLE
MATED PROFILE



PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE



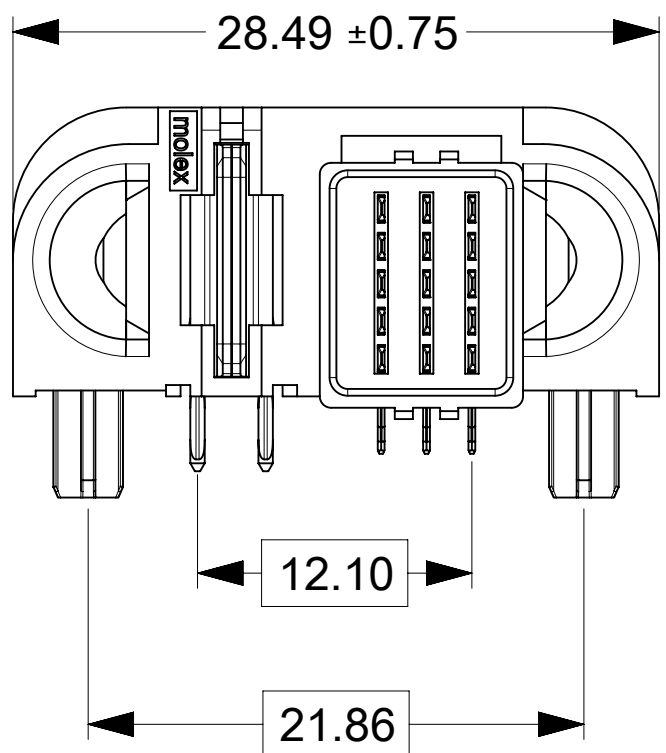
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

NOTES:

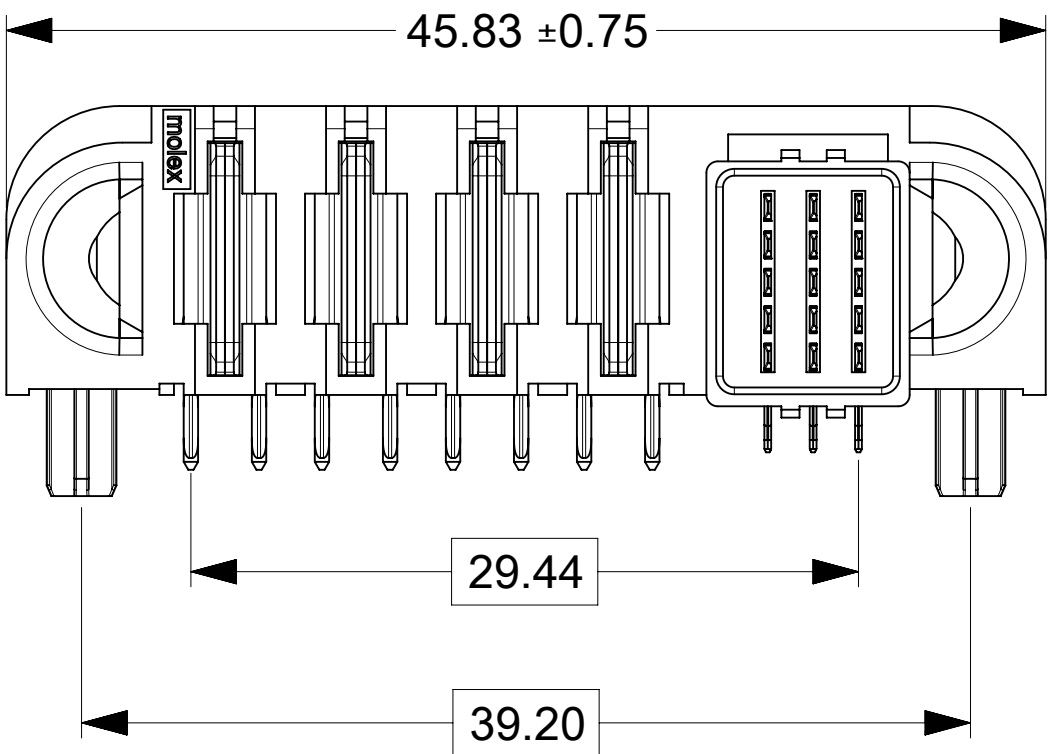
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH 2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND 0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
- PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 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										
ANGULAR TOL ± °														
4 PLACES		±												
3 PLACES		±												
2 PLACES		± 0.25		PRODUCT CUSTOMER DRAWING										
1 PLACE		± 0.3												
0 PLACES		±		DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		2195629001-SD		PSD	000	A1
										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						D-SIZE		219562		SEE CHART		1 OF 2		

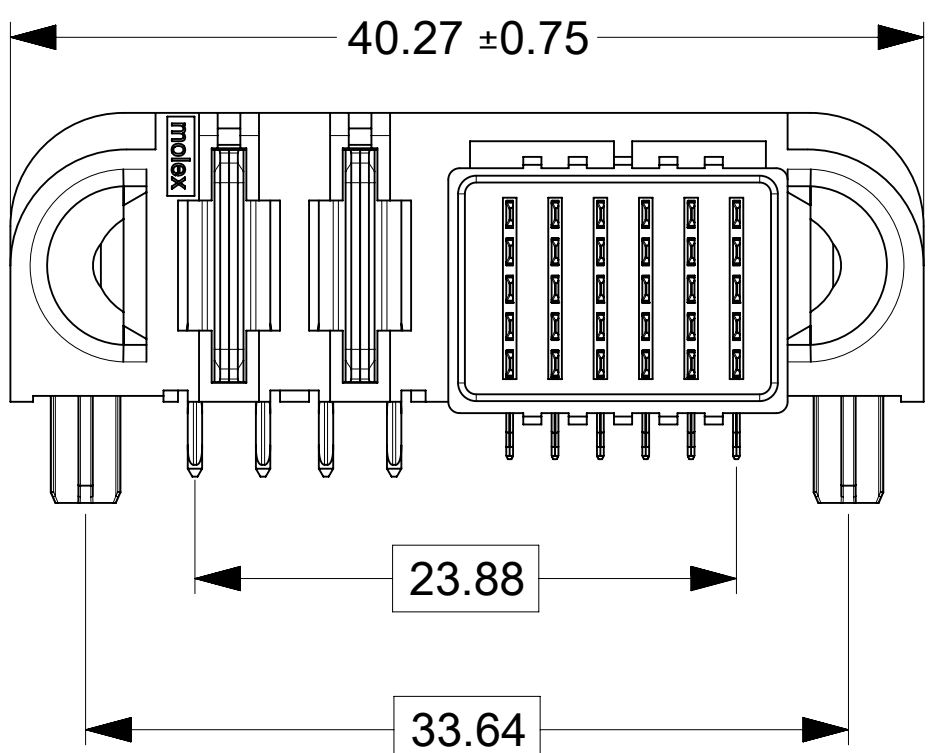
20	19	18	17	16	15
PART NUMBER		CONFIGURATION	QUANTITY PER CARTON (DU)		
219562-0011		G+1P+15S+G	135		



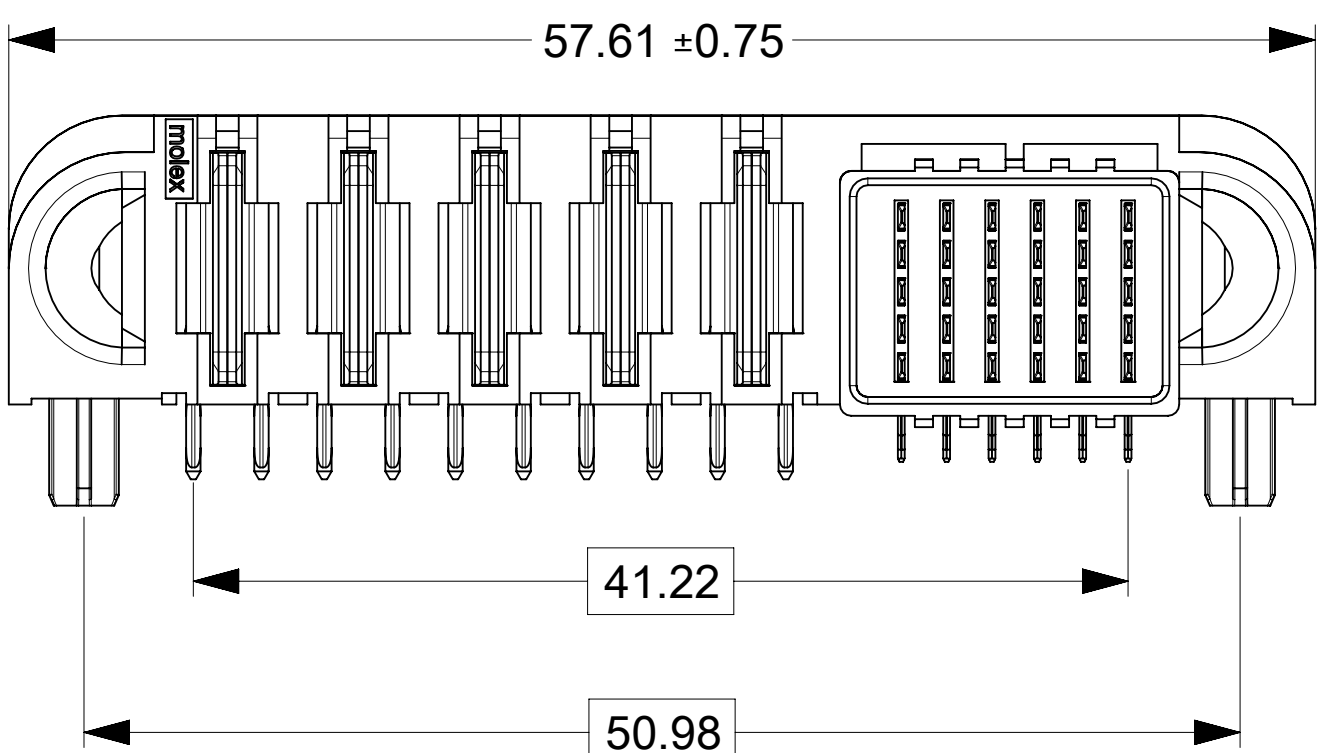
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0014	G+4P+15S+G	75



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0017	G+2P+30S+G	90

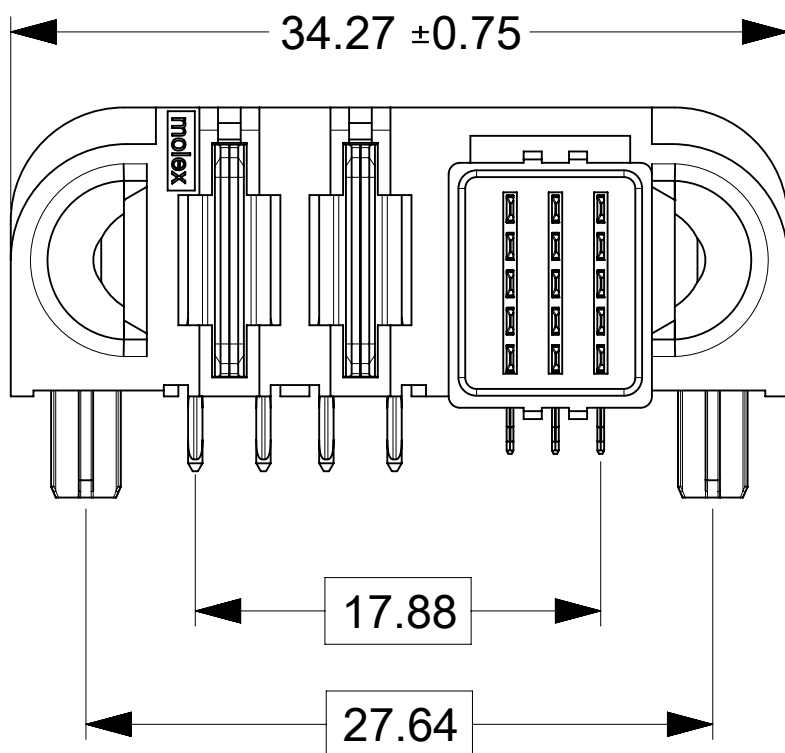


PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0020	G+5P+30S+G	60

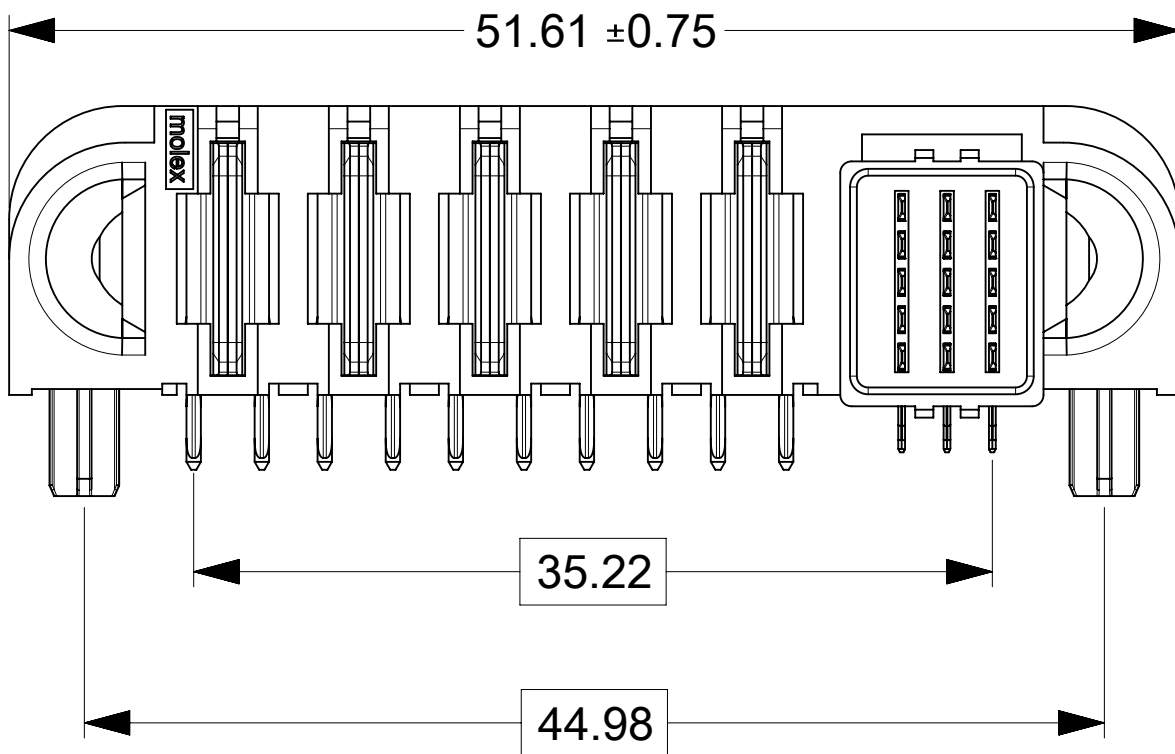


DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11	17:04:40
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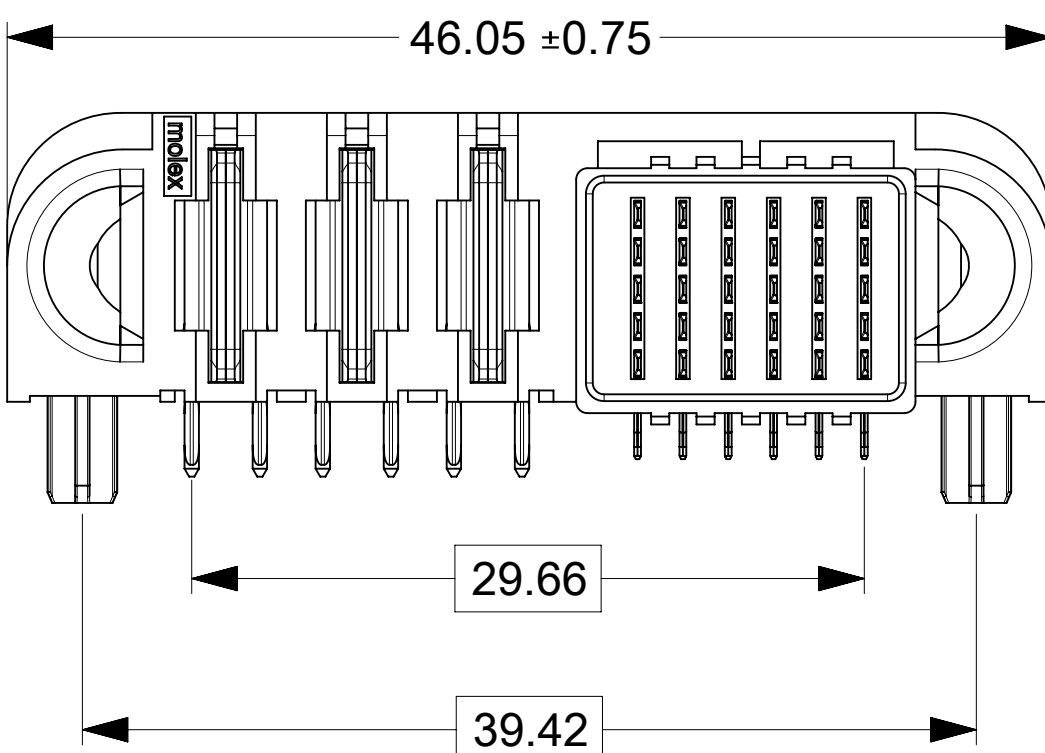
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PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)		
219562-0012	G+2P+15S+G	105		



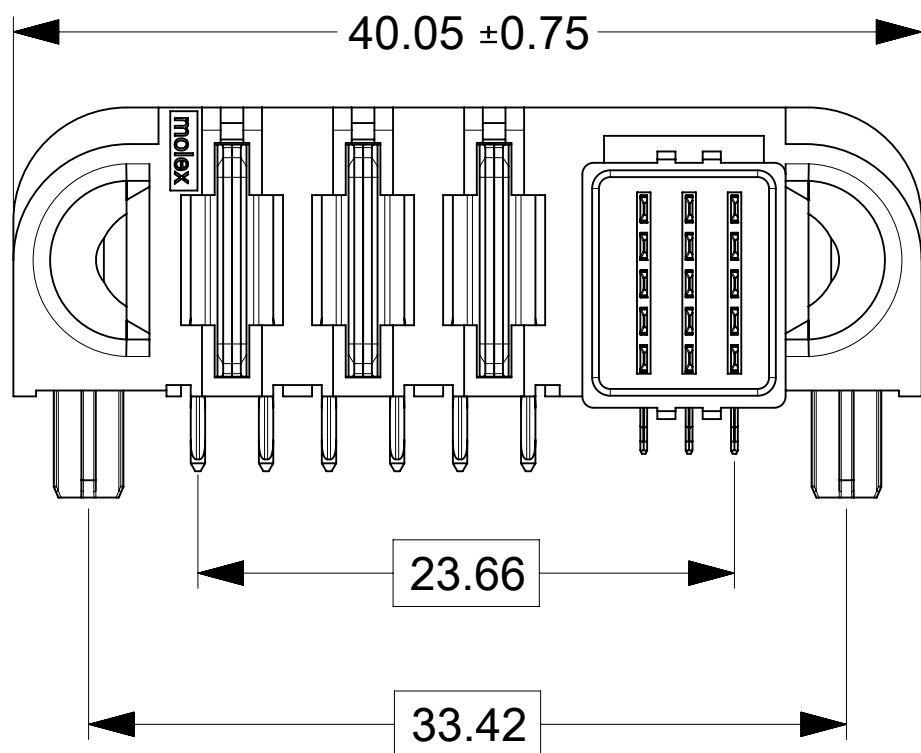
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0015	G+5P+15S+G	75



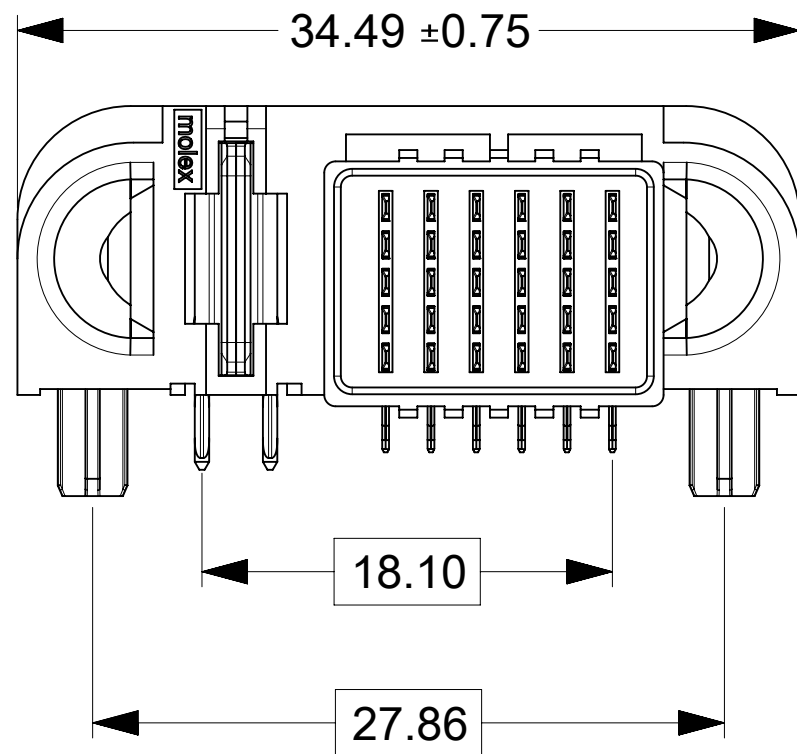
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0018	G+3P+30S+G	75



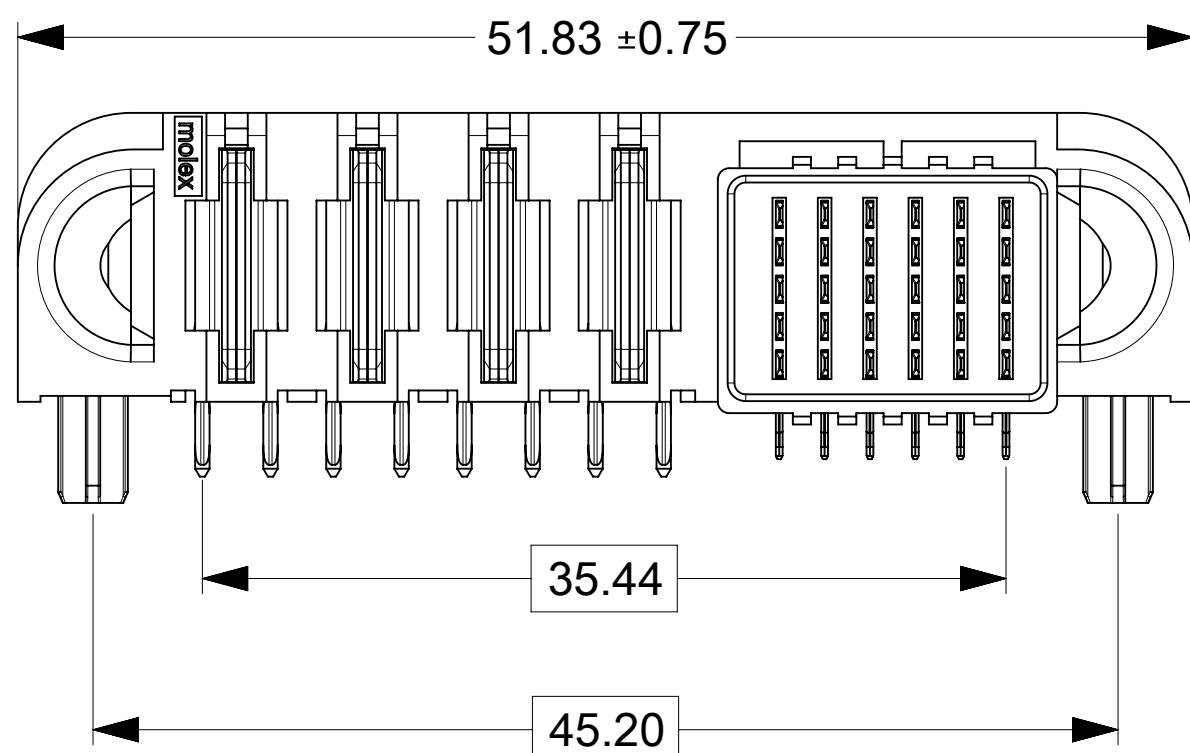
7	6	5	4	3	
PART NUMBER		CONFIGURATION	QUANTITY PER CARTON (DU)		
219562-0013		G+3P+15S+G	90		



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



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