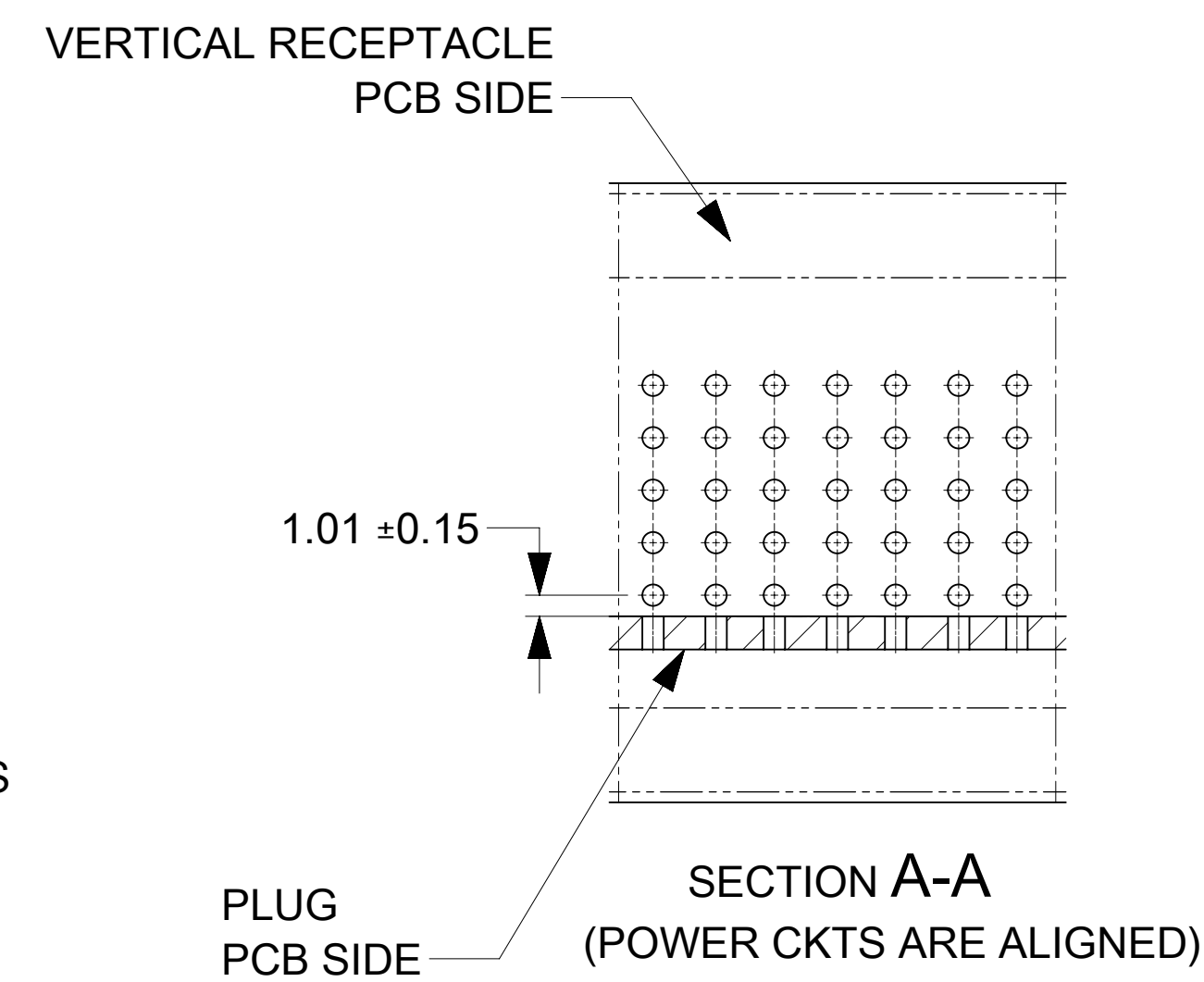
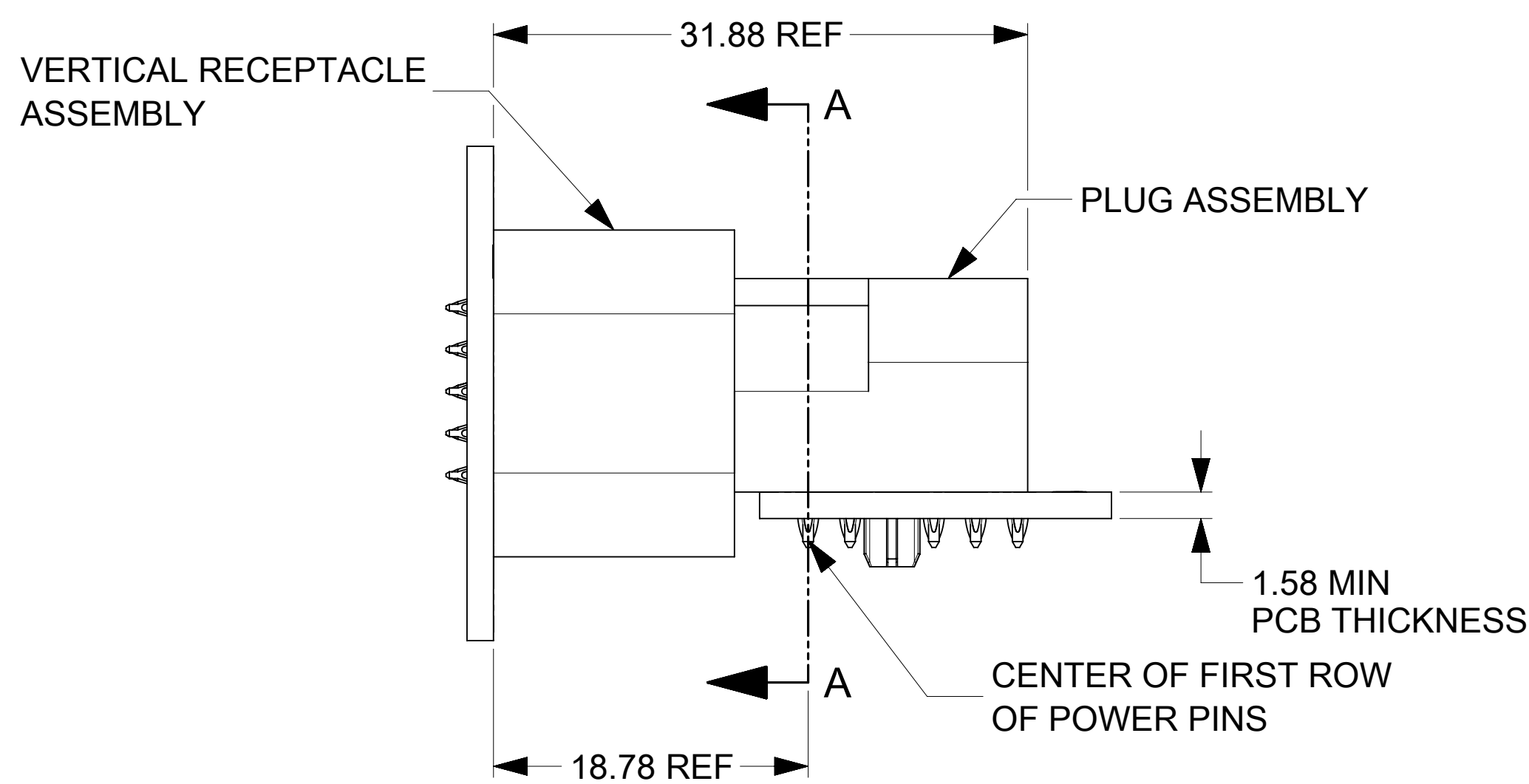
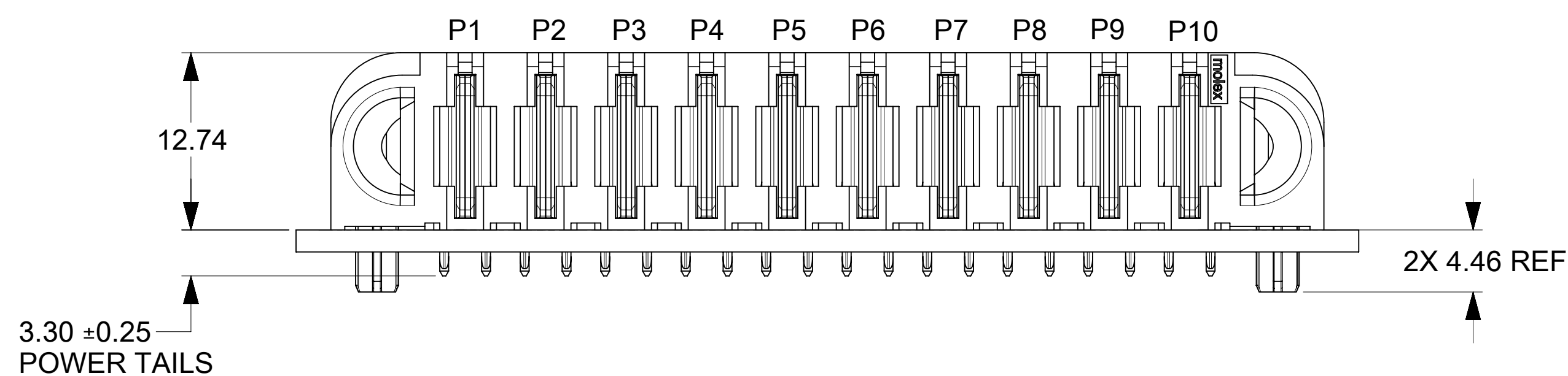
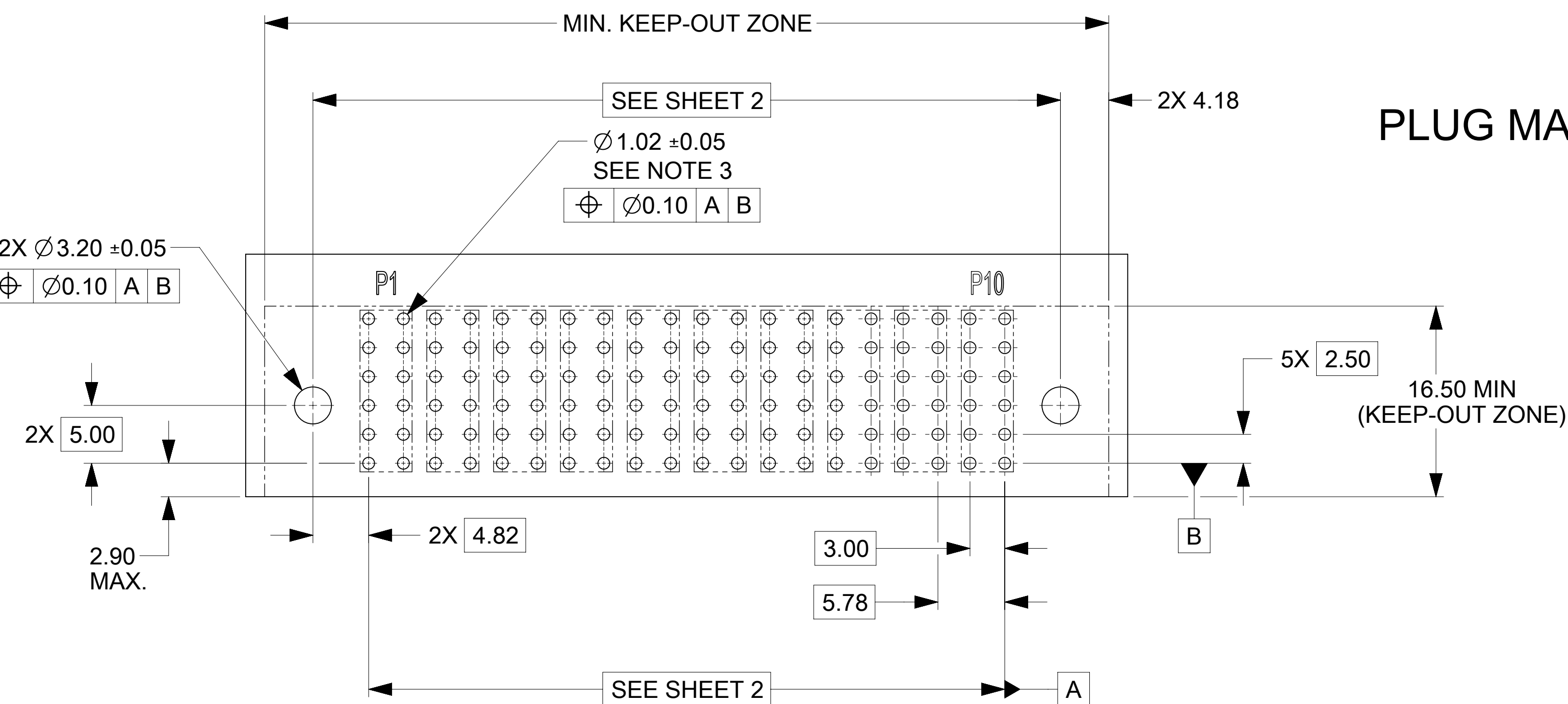


**PLUG MATED TO R/A RECEPTACLE
MATED PROFILE**



**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:							
mm	3:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± °								
4 PLACES	±	EC NO: 745288							
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:							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: LZABJANOVSKI		2022/03/14					
		APPR: BPISZCZOR		2022/08/04					
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
D-SIZE		219562		SEE CHART					



GUARDIAN HD RA PLUG POWER ONLY PF

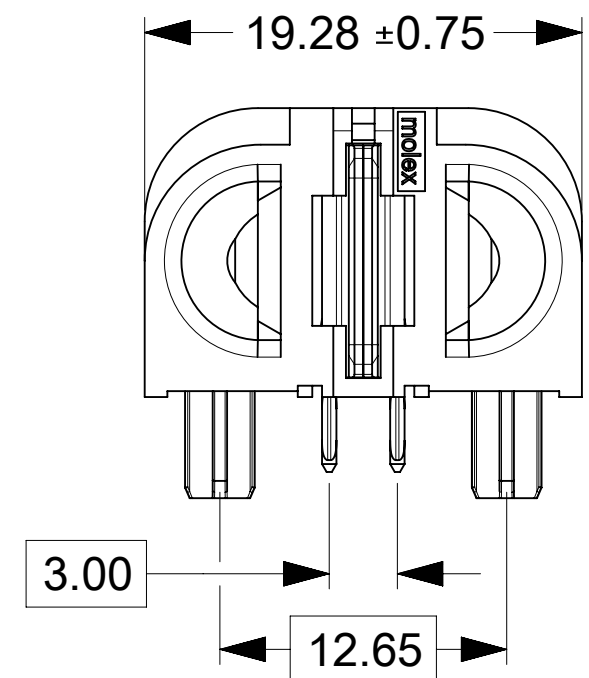
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195629000-SD	PSD	000	A1

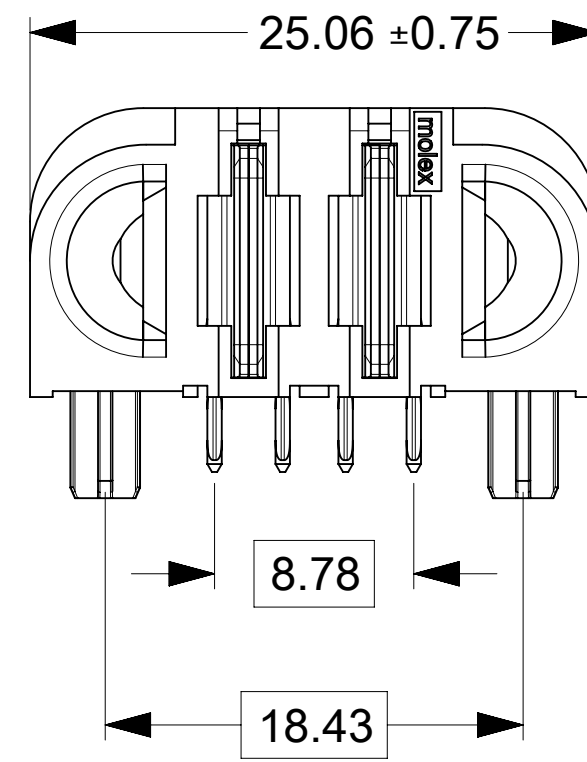
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11	17:04:40
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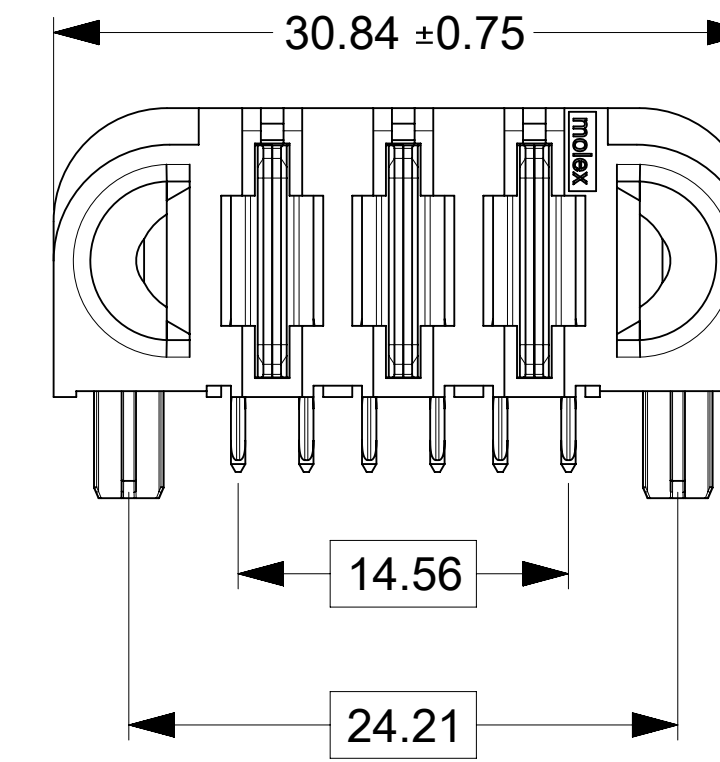
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0001	G+1P+G	195



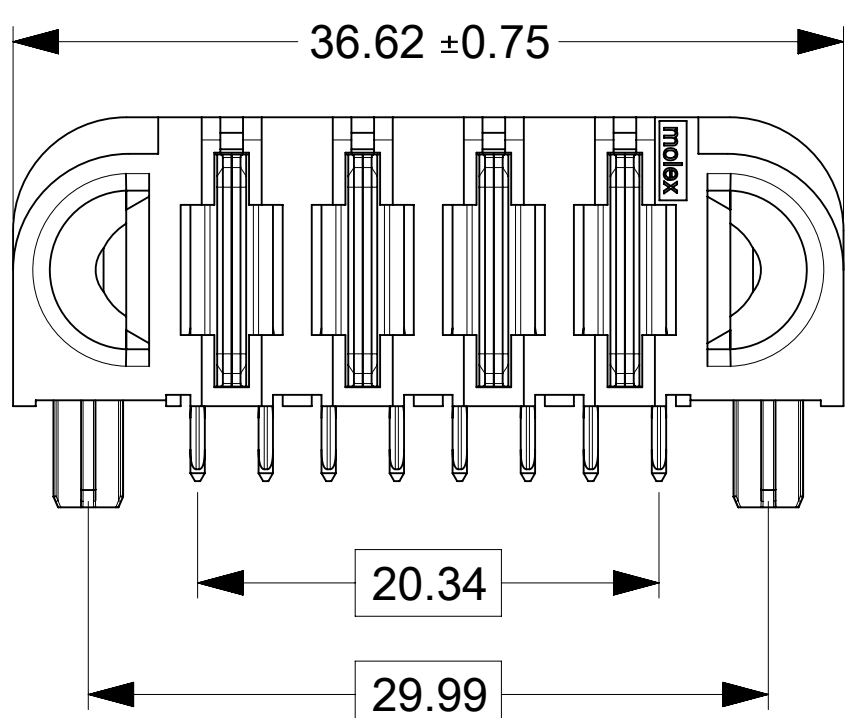
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219562-0002	G+2P+G	150



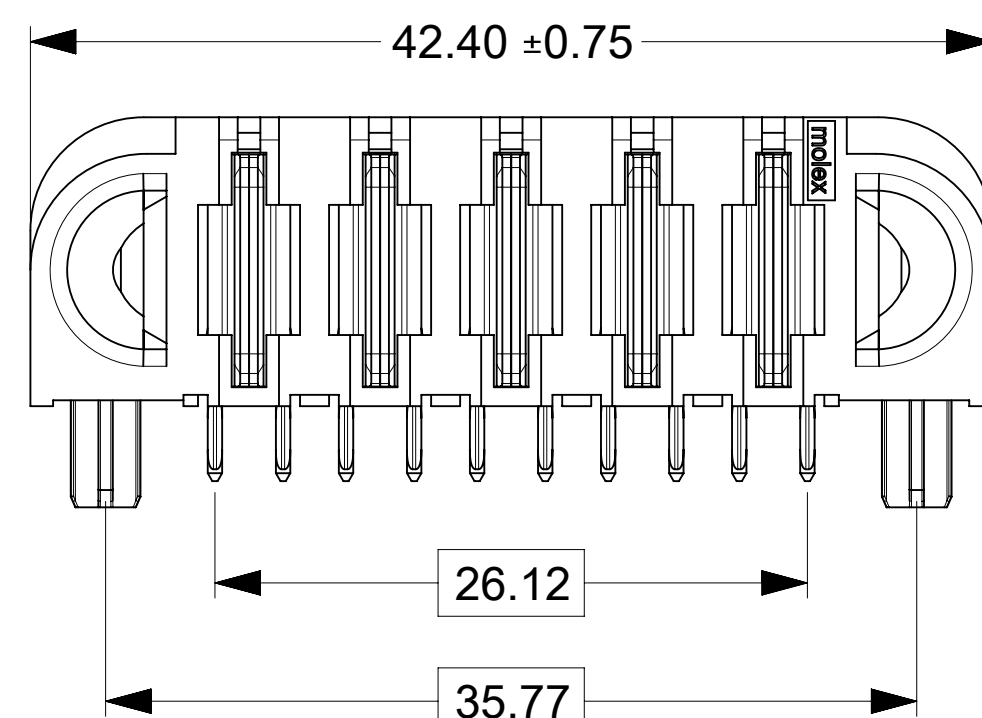
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219562-0003	G+3P+G	120



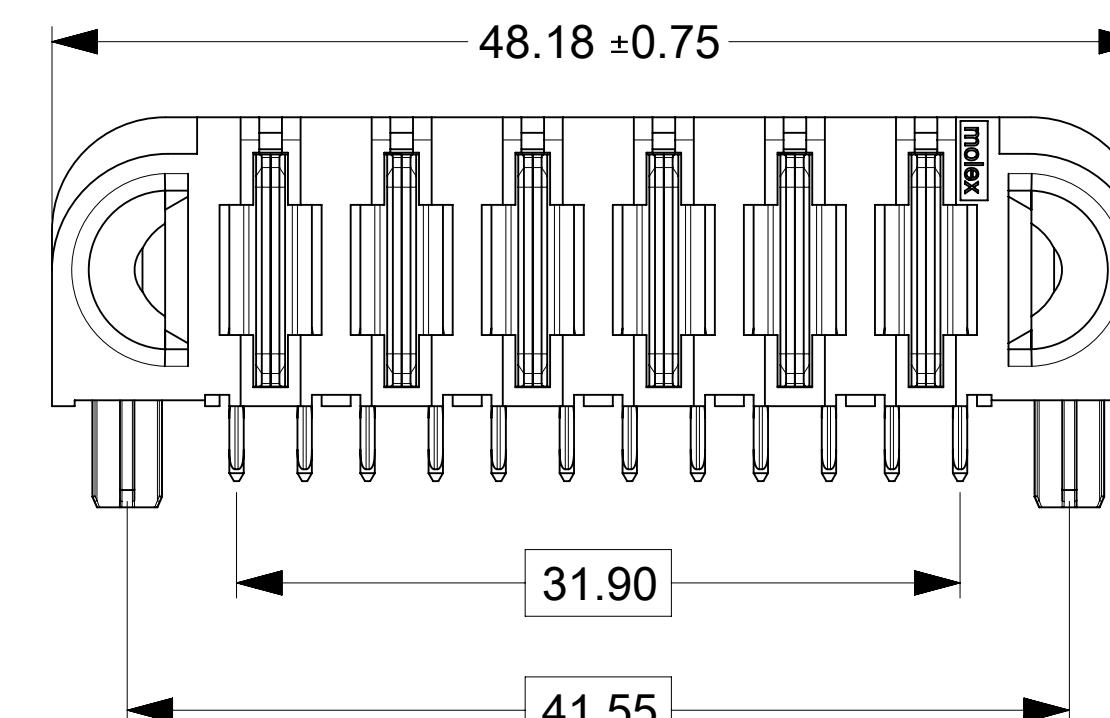
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219562-0004	G+4P+G	105



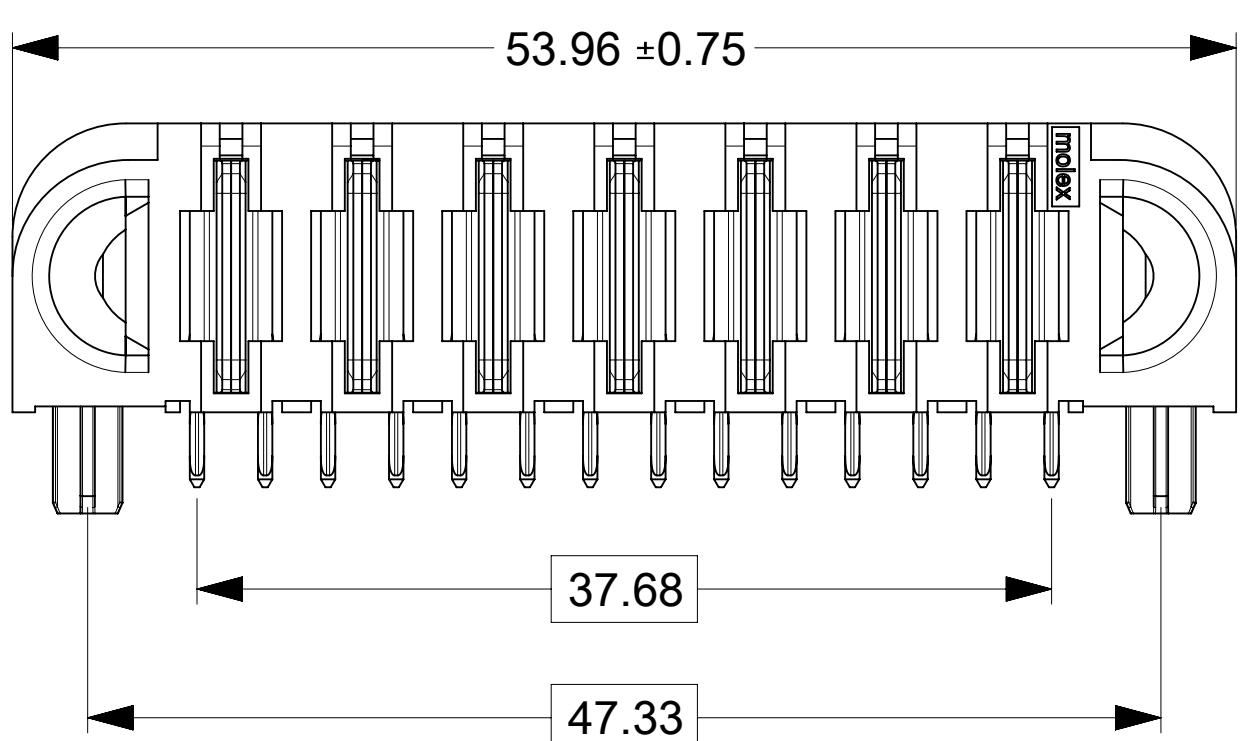
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219562-0005	G+5P+G	90



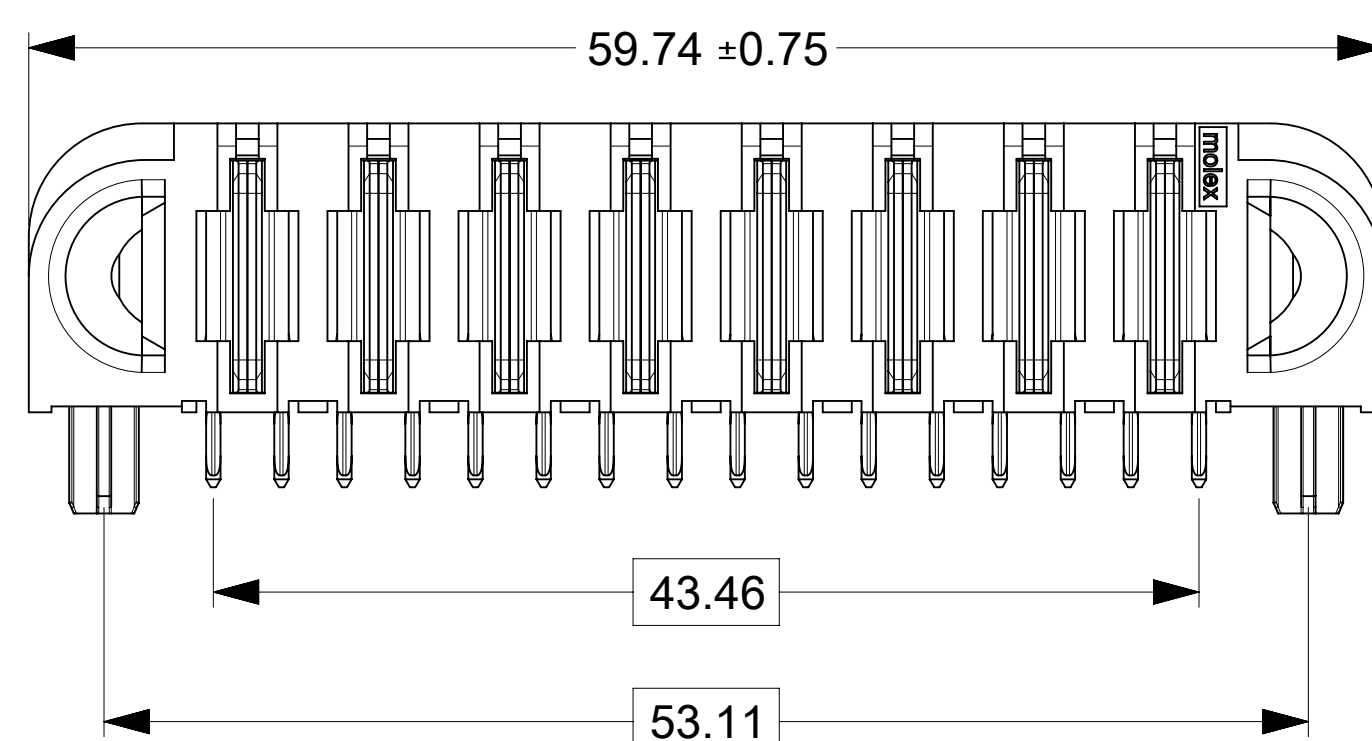
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0006	G+6P+G	75



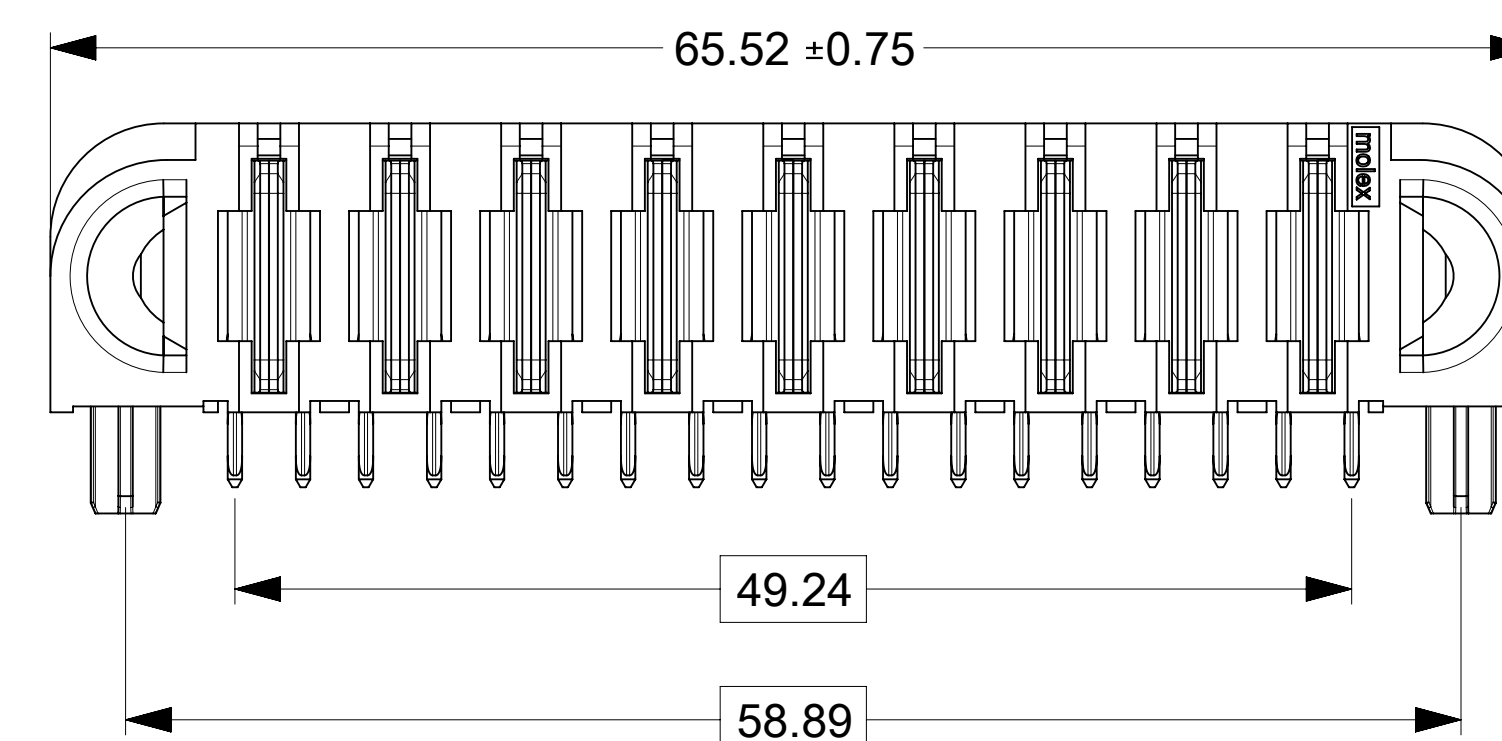
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0007	G+7P+G	60



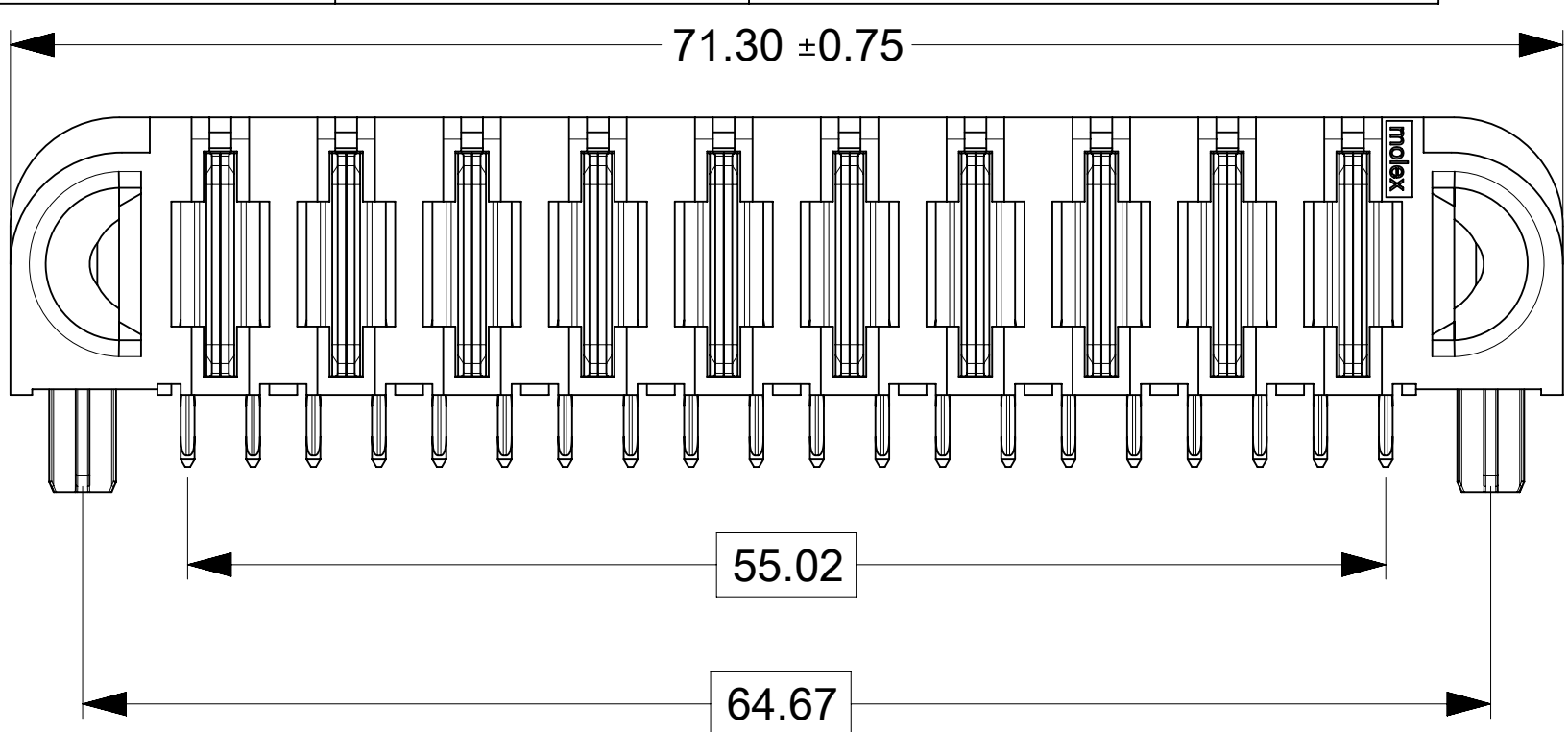
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0008	G+8P+G	60



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0009	G+9P+G	45



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0010	G+10P+G	45



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DIMENSION UNITS	SCALE	CURRENT REV DESC:	
mm	3:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
ANGULAR TOL	±	°	
4 PLACES	±		
3 PLACES	±		
2 PLACES	±	0.25	
1 PLACE	±	0.3	
0 PLACES	±		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING SERIES
			D-SIZE 219562

EC NO: 745288		2023/03/09	
DRWN: LZABJANOVSKI		2023/04/10	
CHK'D: JAYK1		2023/04/10	
APPR: JAYK1		2023/04/10	
INITIAL REVISION:			
DRWN: LZABJANOVSKI		2022/03/14	
APPR: BPISZCZOR		2022/08/04	

DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION
2195629000-SD				PSD	000	A1
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
SEE CHART				2 OF 2		

molex

GUARDIAN HD RA PLUG POWER ONLY PF

PRODUCT CUSTOMER DRAWING

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