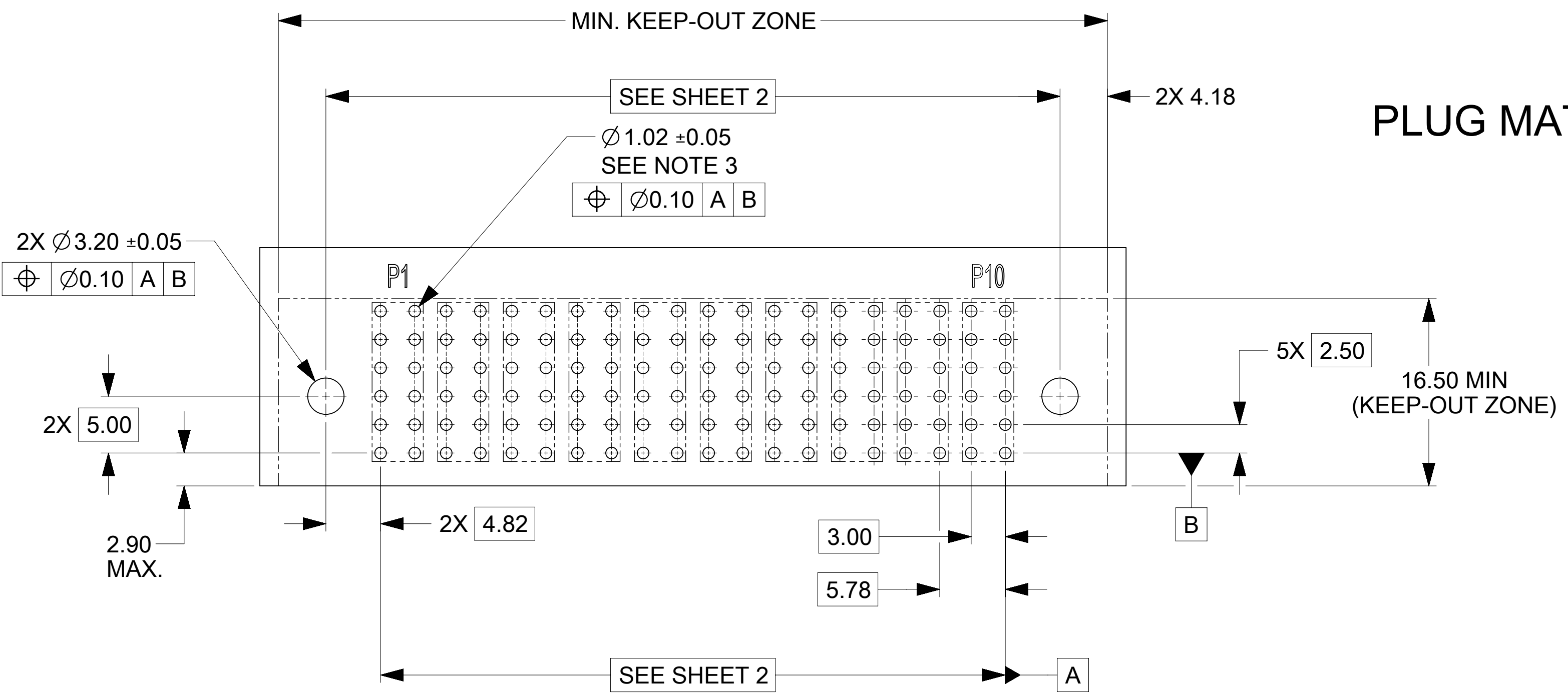
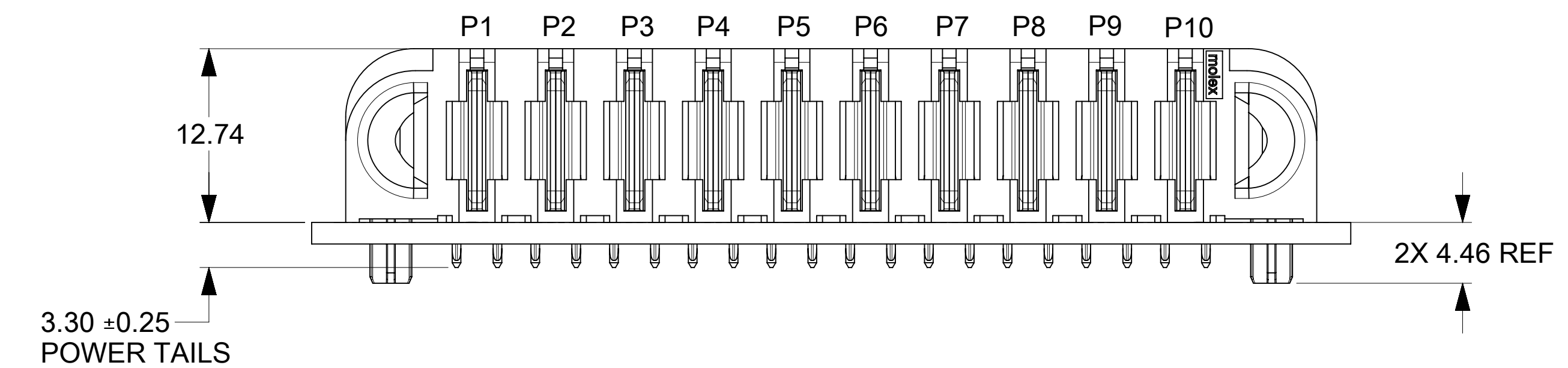
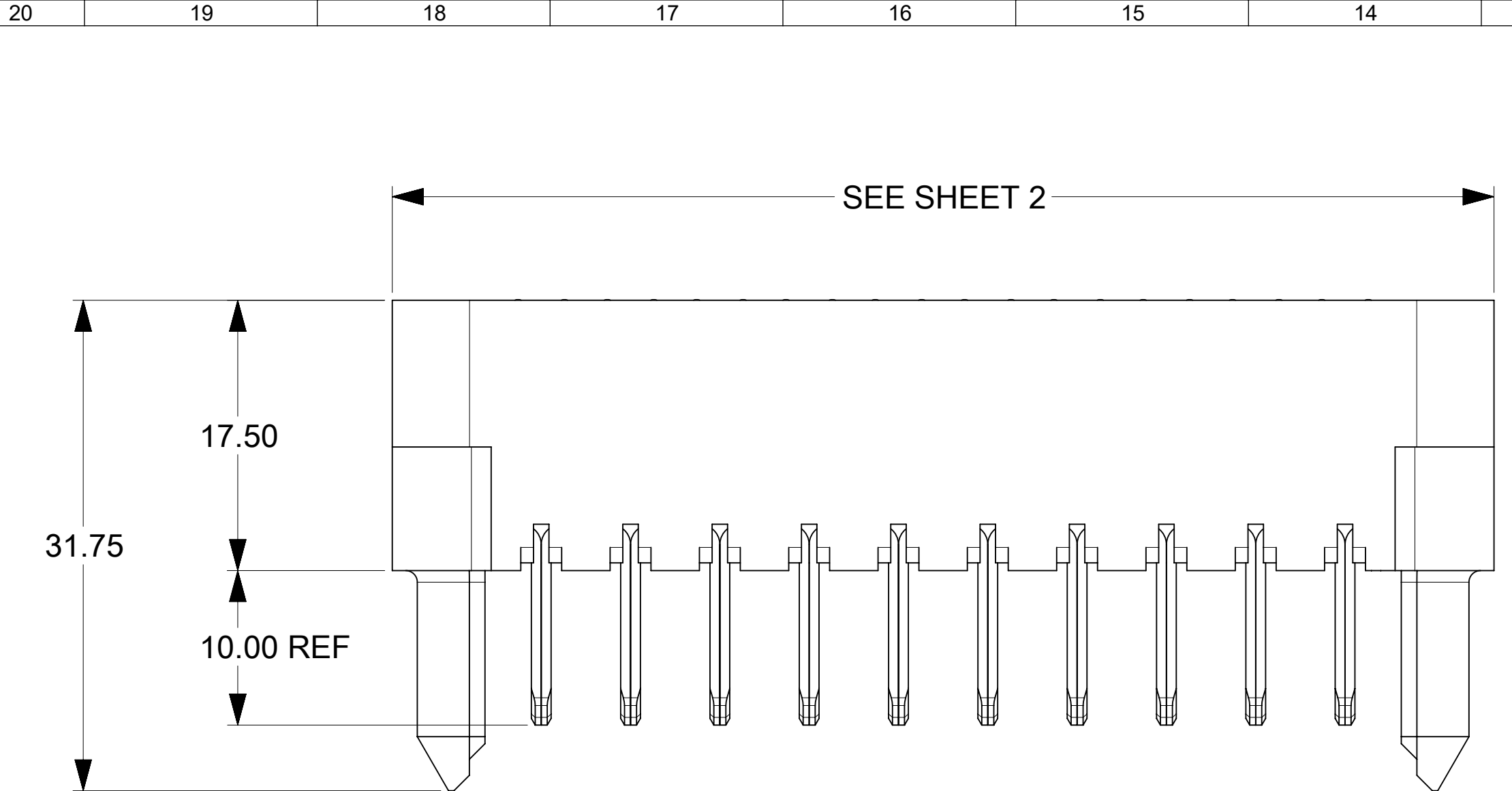
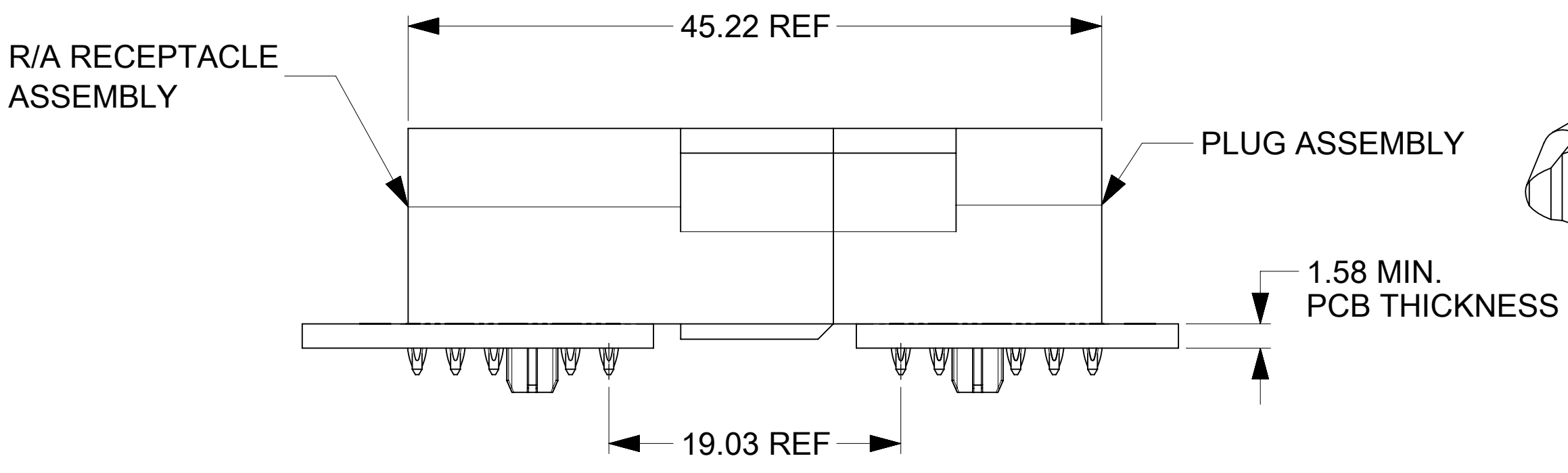
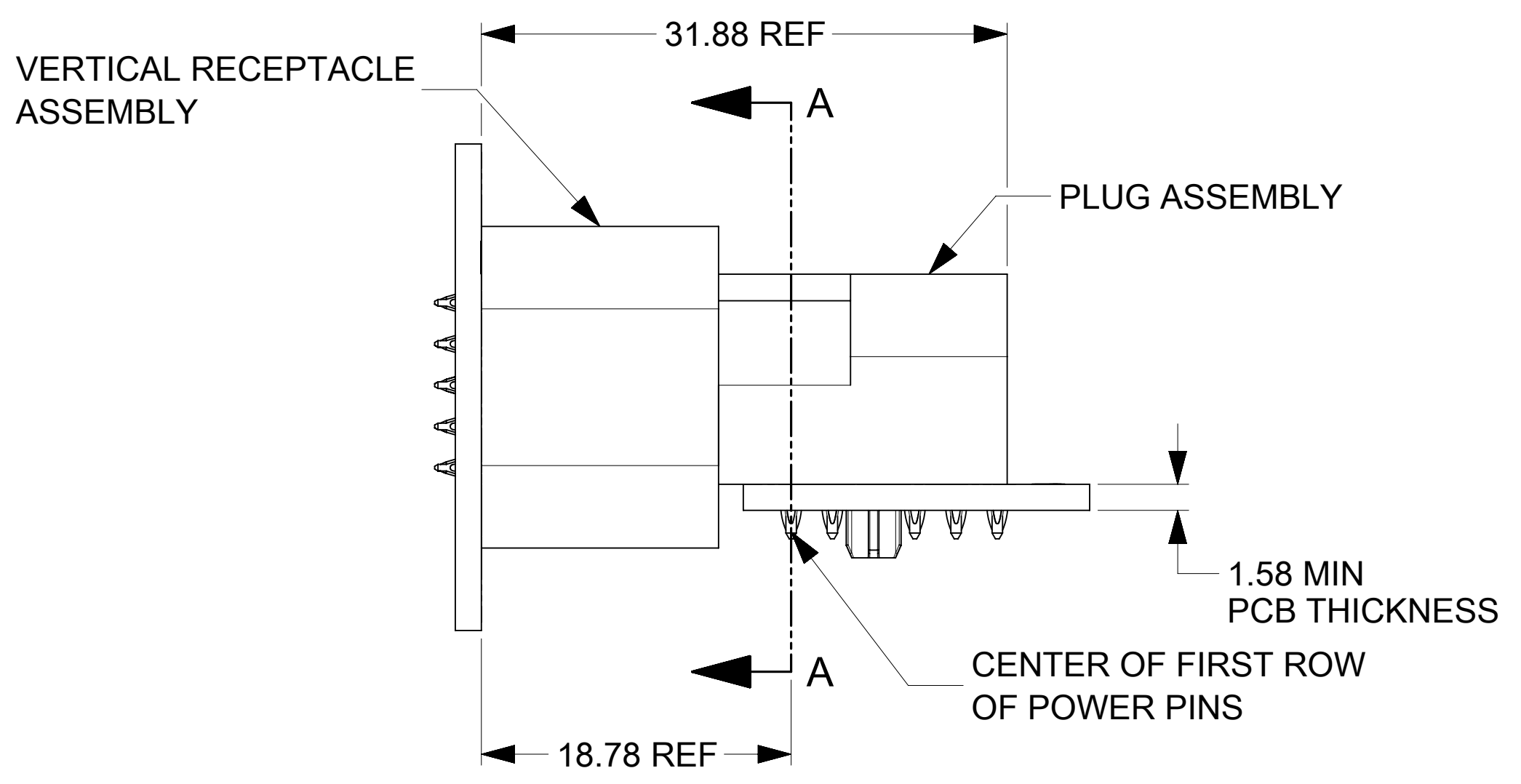




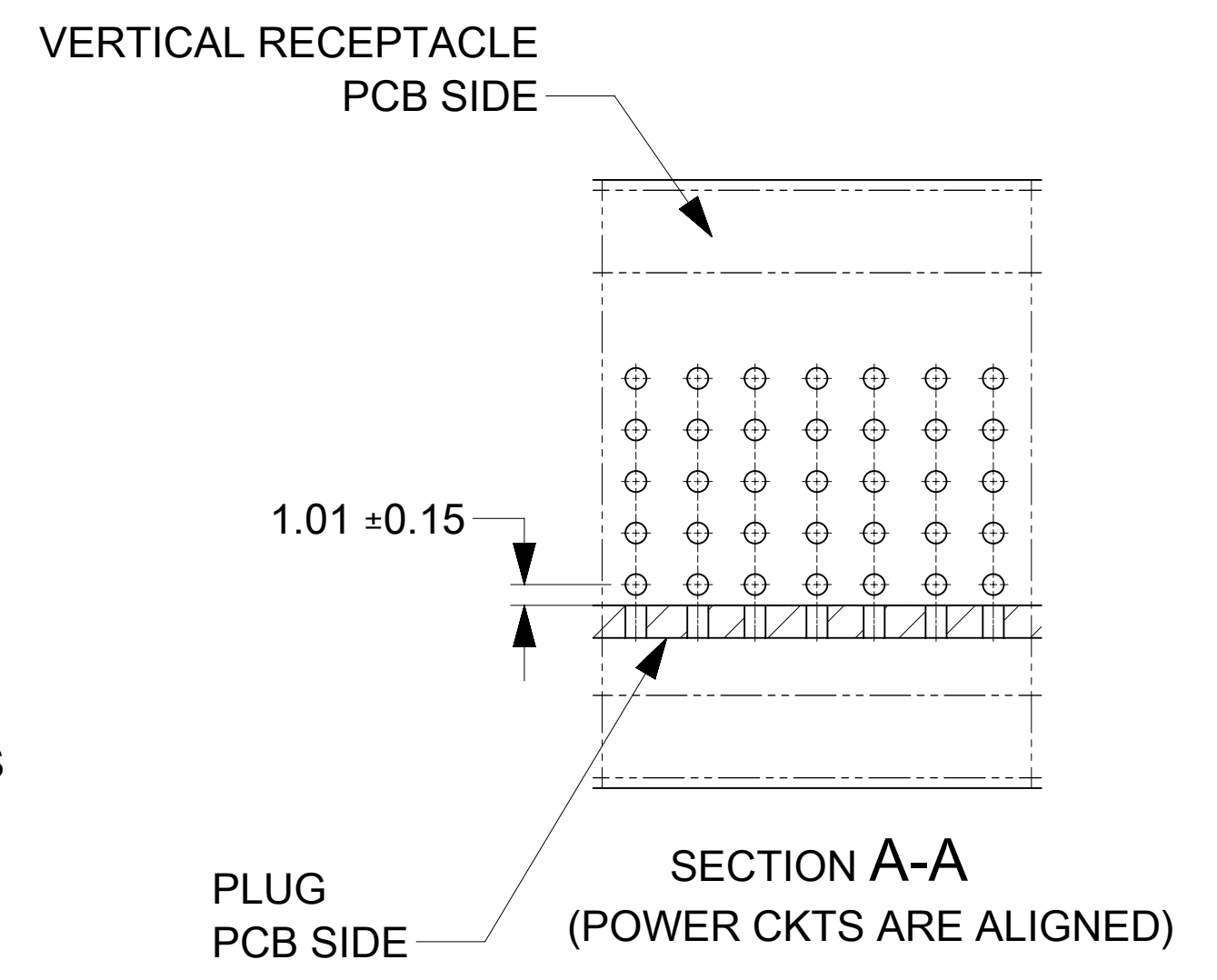
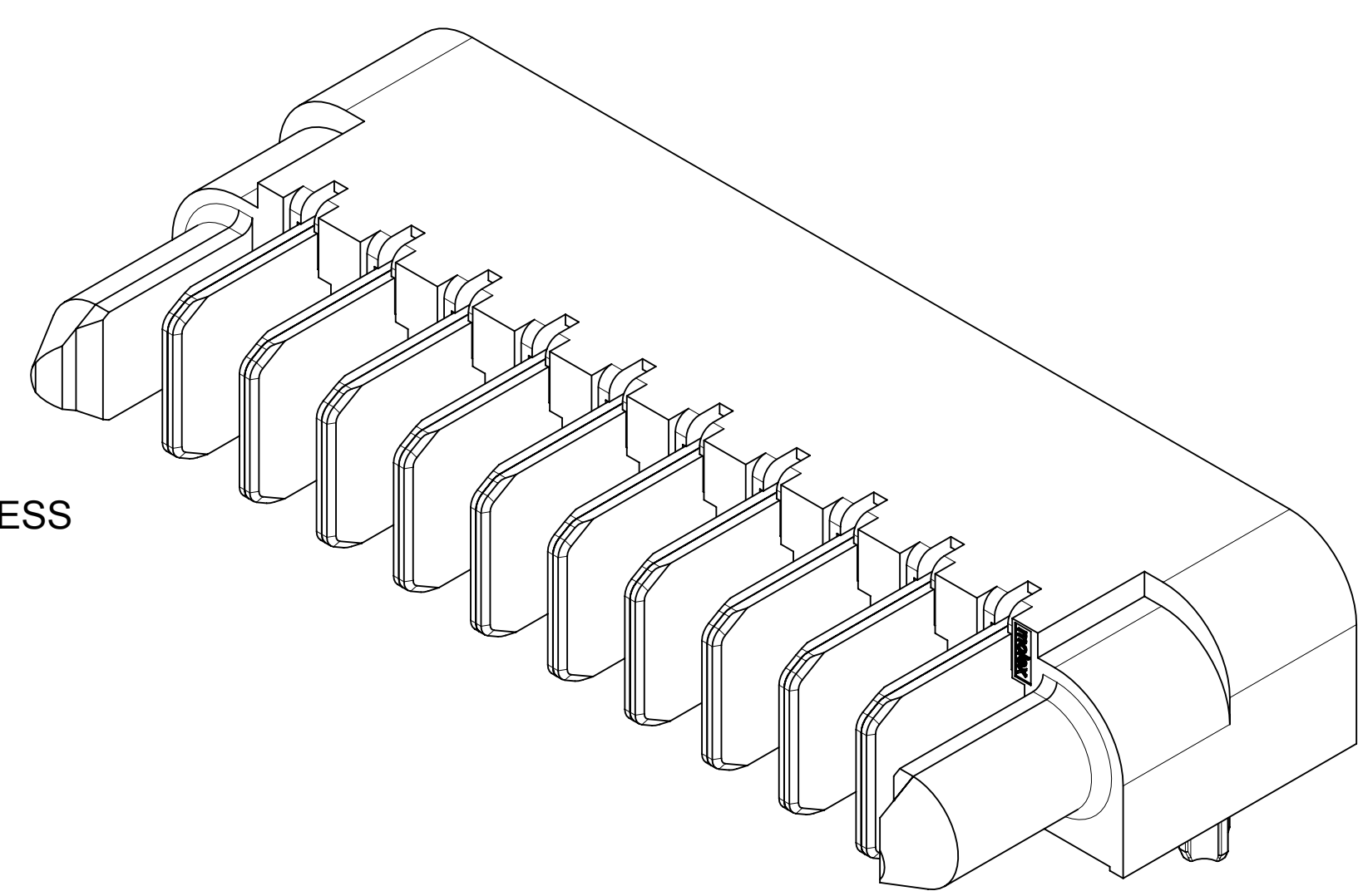
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE



PLUG MATED TO R/A RECEPTACLE MATED PROFILE



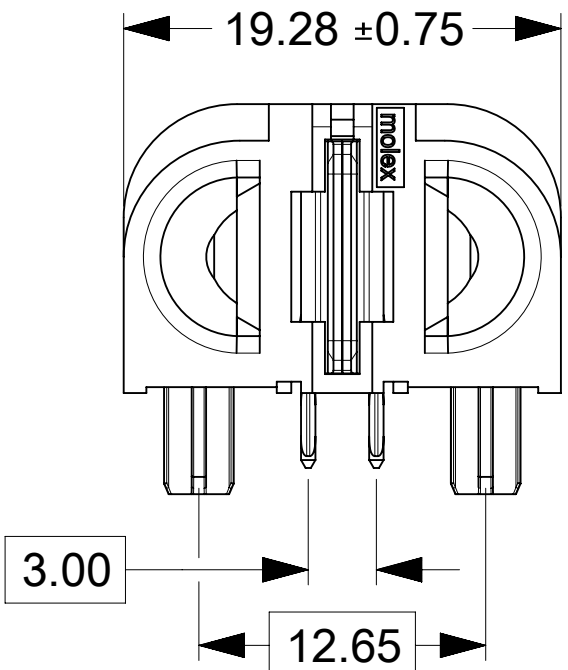
PLUG MATED TO VERTICAL RECEPTACLE MATED PROFILE



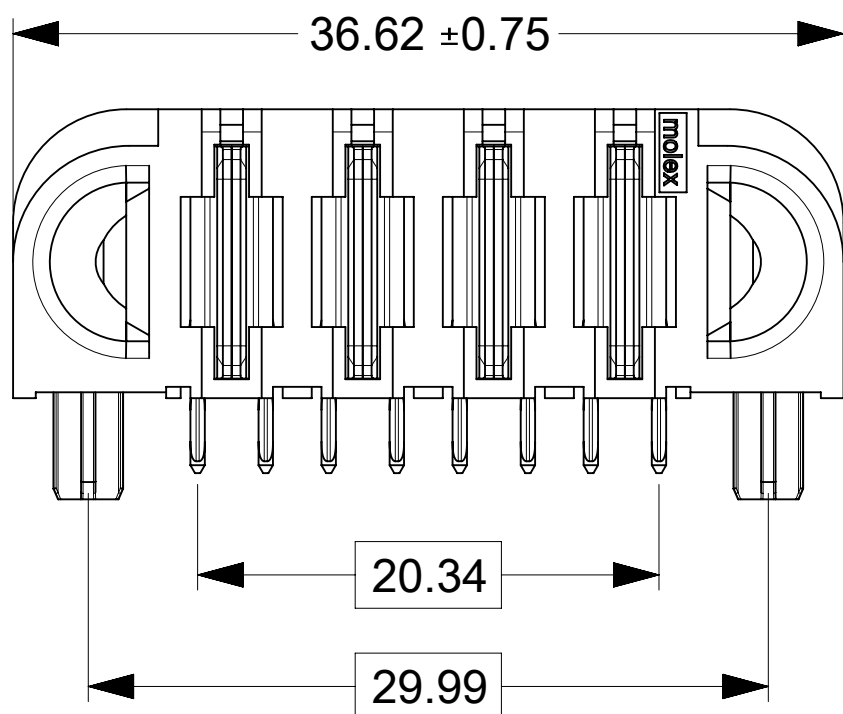
- NOTES:
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH 2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND 0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING 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				2023/03/09				
3 PLACES		±		DRWN: LZABJANOVSKI								
2 PLACES		± 0.25		CHK'D: JAYK1				2023/04/10				
1 PLACE		± 0.3		APPR: JAYK1				2023/04/10				
0 PLACES		±		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
								2195629000-SD		PSD	000	A1
				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
								SEE CHART				1 OF 2
				D-SIZE		219562						

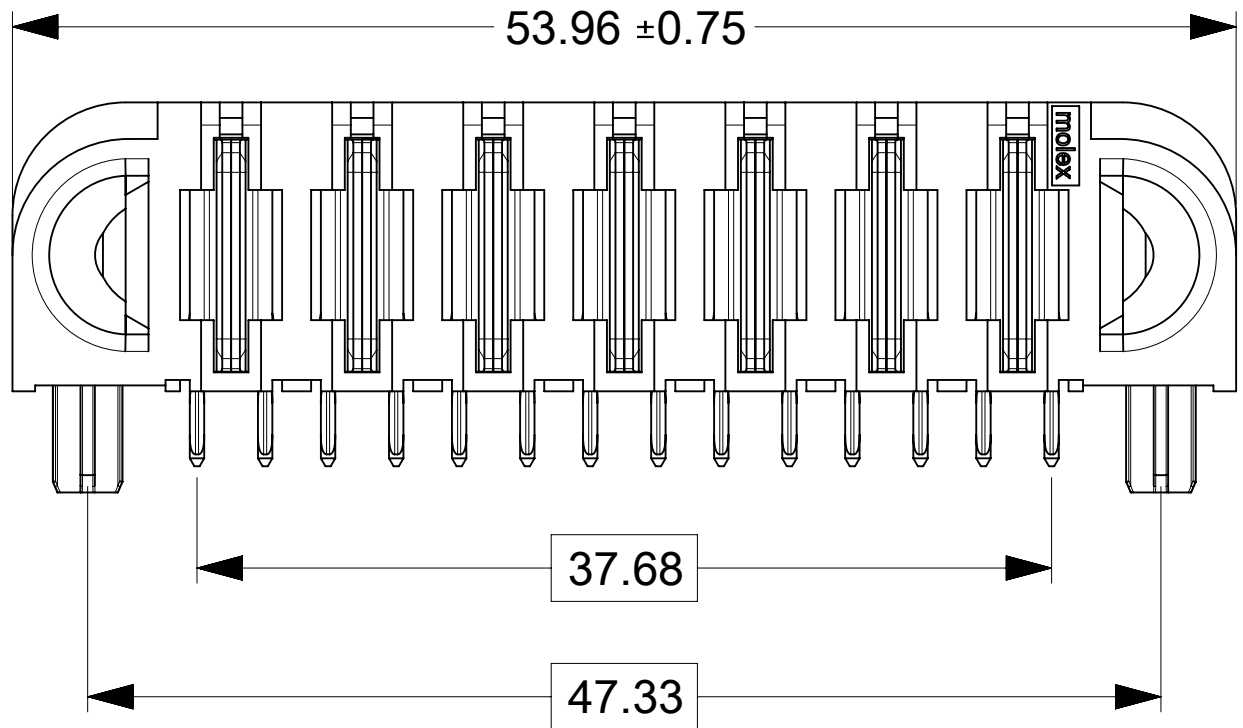
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0001	G+1P+G	195



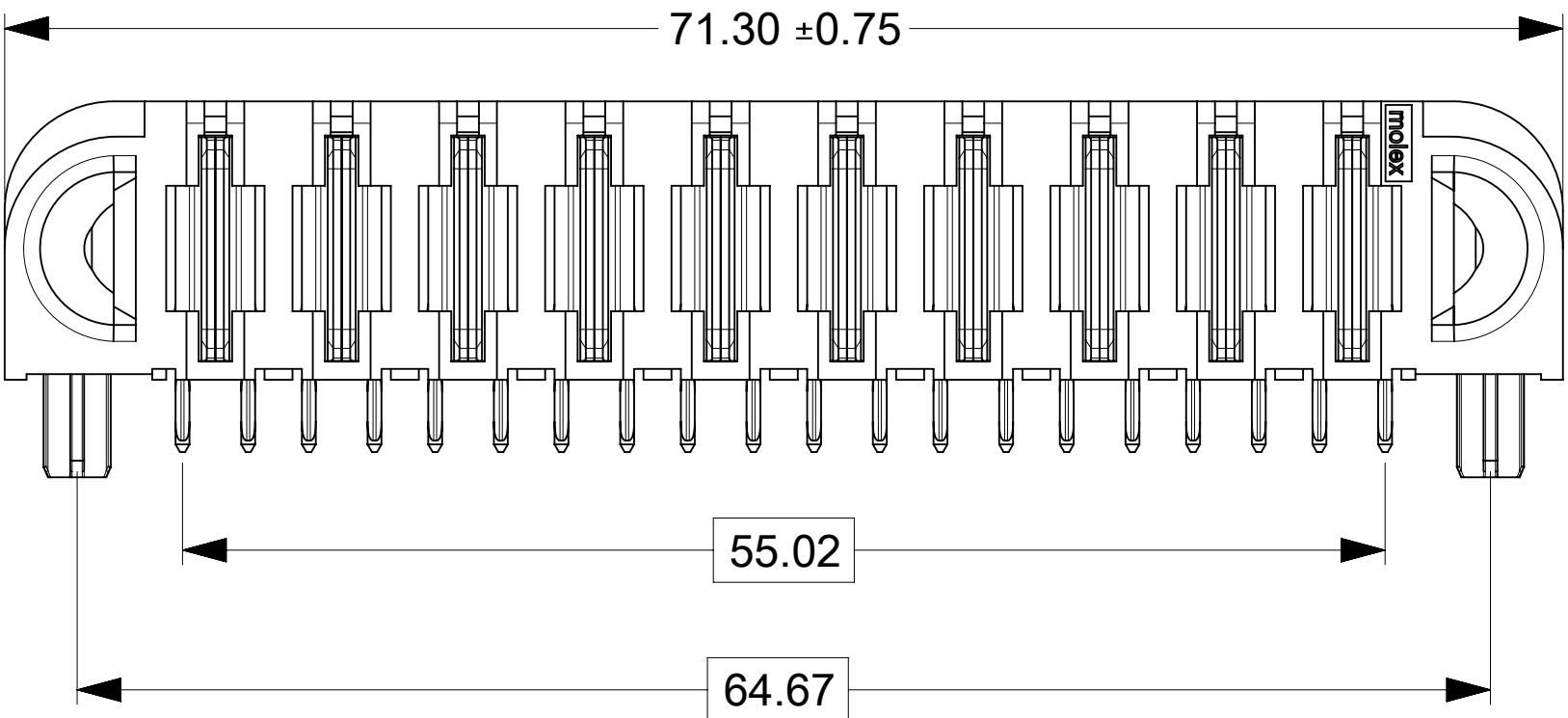
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219562-0004	G+4P+G	105



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

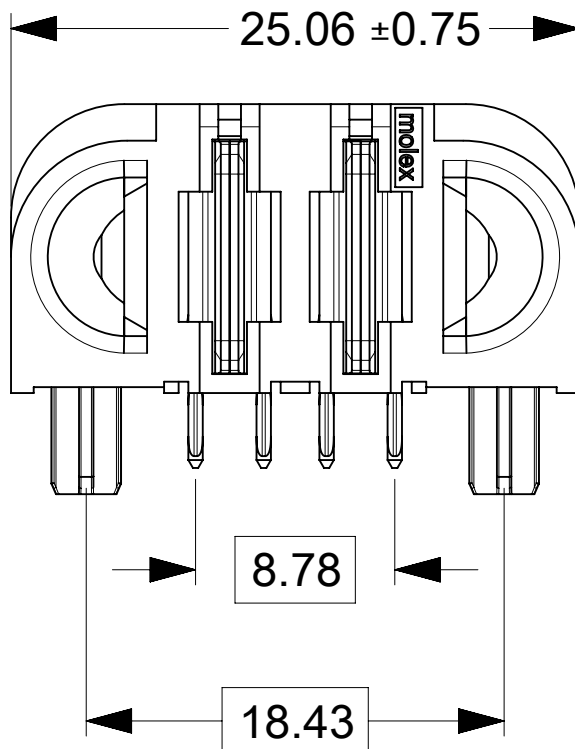


PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0010	G+10P+G	45

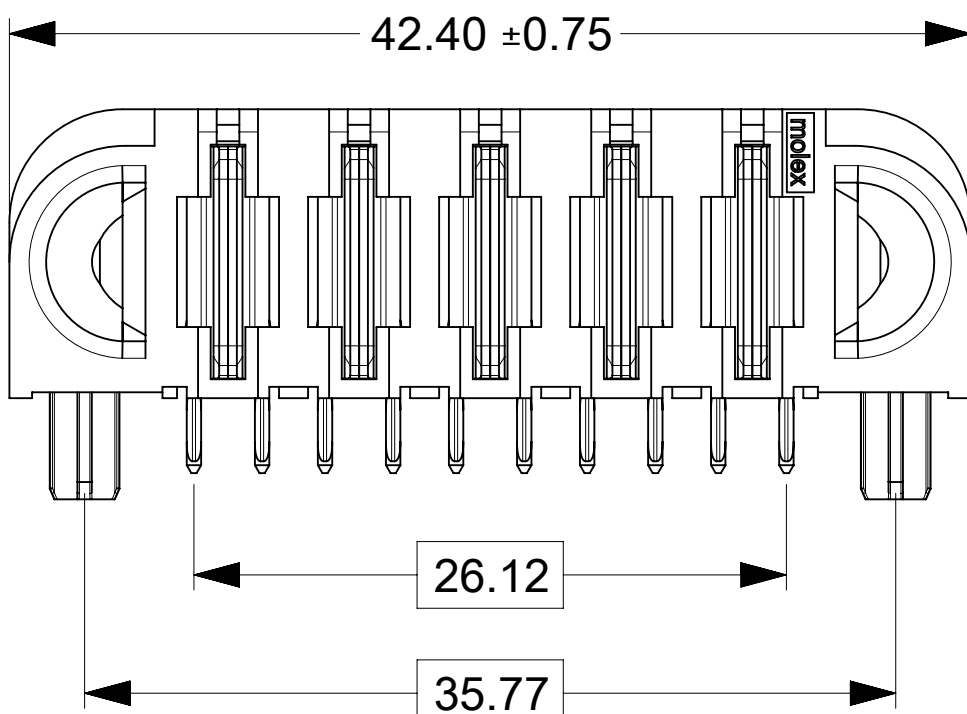


DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11	17:04:40
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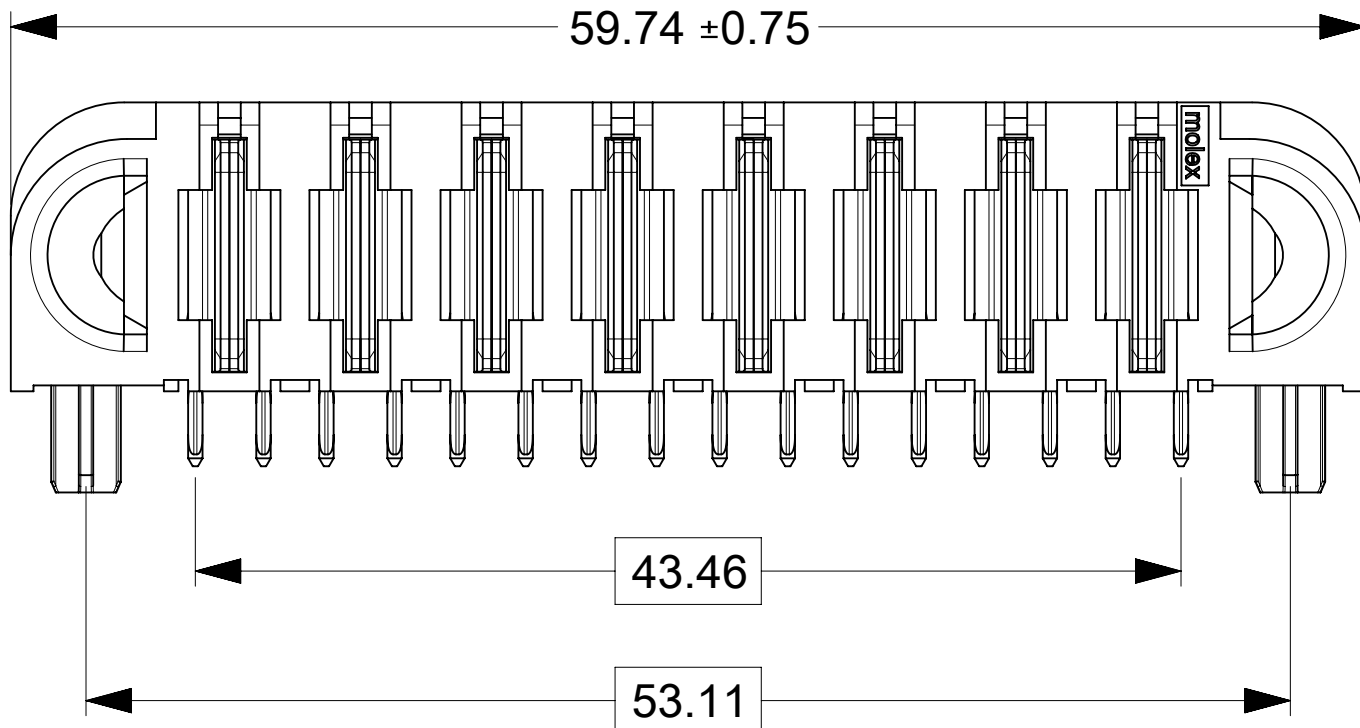
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219562-0002	G+2P+G	150



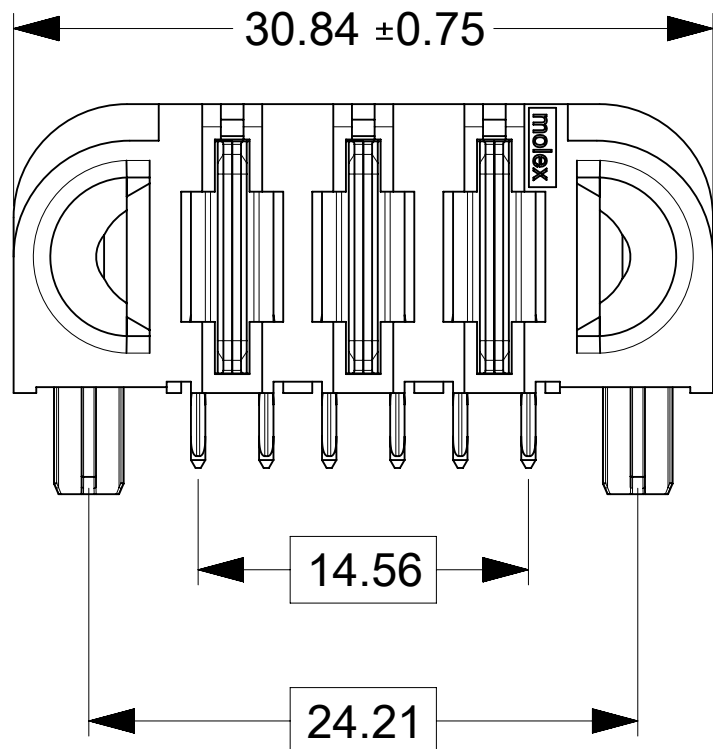
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0005	G+5P+G	90



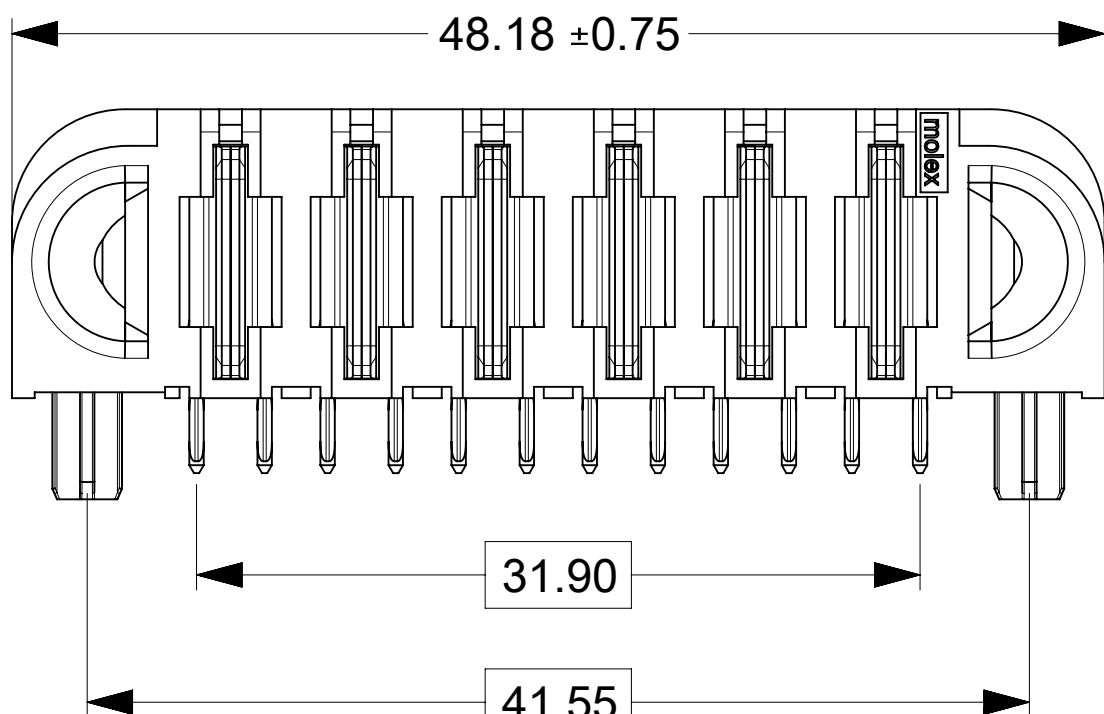
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219562-0008	G+8P+G	60



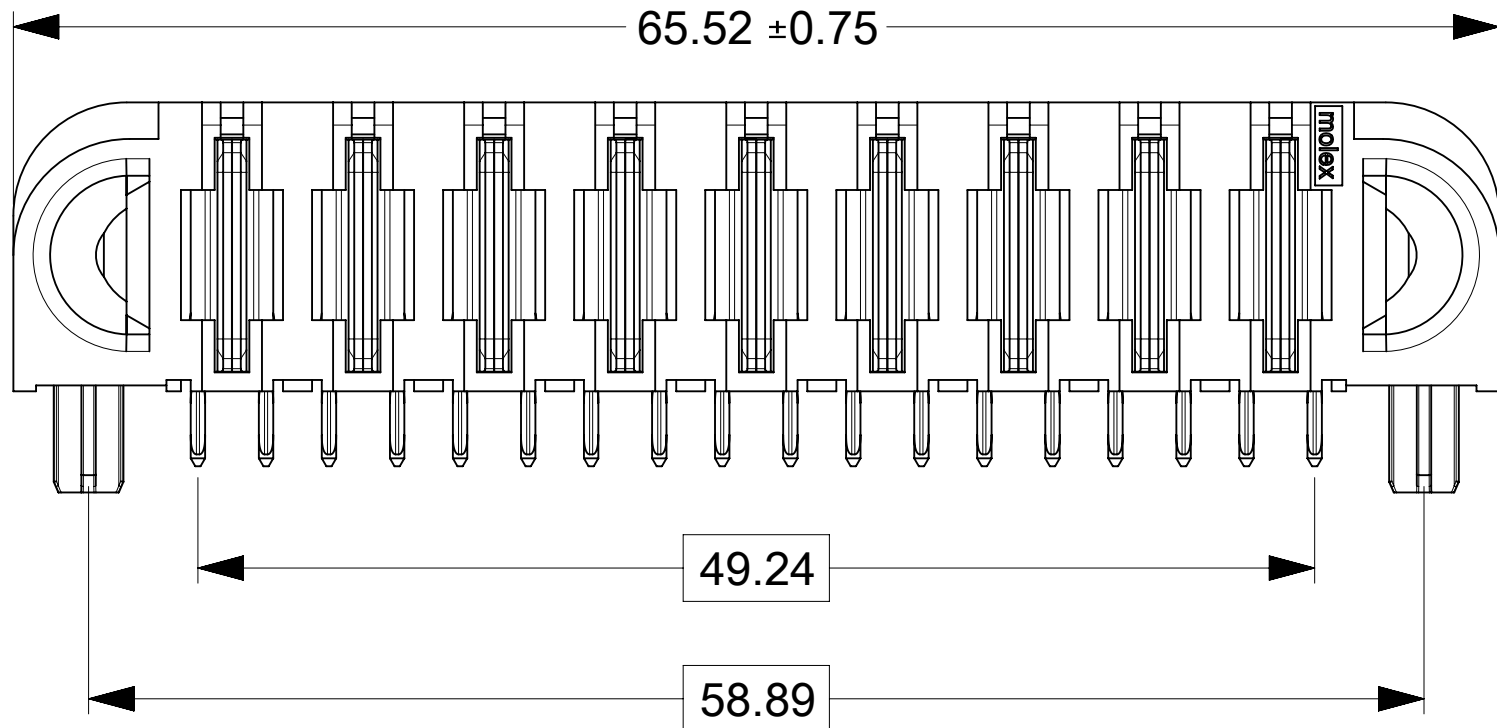
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219562-0003	G+3P+G	120



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



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



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DIMENSION UNITS	SCALE
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	

CURRENT REV DESC:

EC NO: 745288
DRWN: LZABJANOVSKI
CHK'D: JAYK1
APPR: JAYK1
INITIAL REVISION:
DRWN: LZABJANOVSKI
APPR: BPISZCZOR

2023/03/09
2023/04/10
2023/04/10
2022/03/14
2022/08/04

THIRD ANGLE PROJECTION

DRAWING

D-SIZE

SERIES

219562

GUARDIAN HD RA PLUG POWER ONLY PF

PRODUCT CUSTOMER DRAWING

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