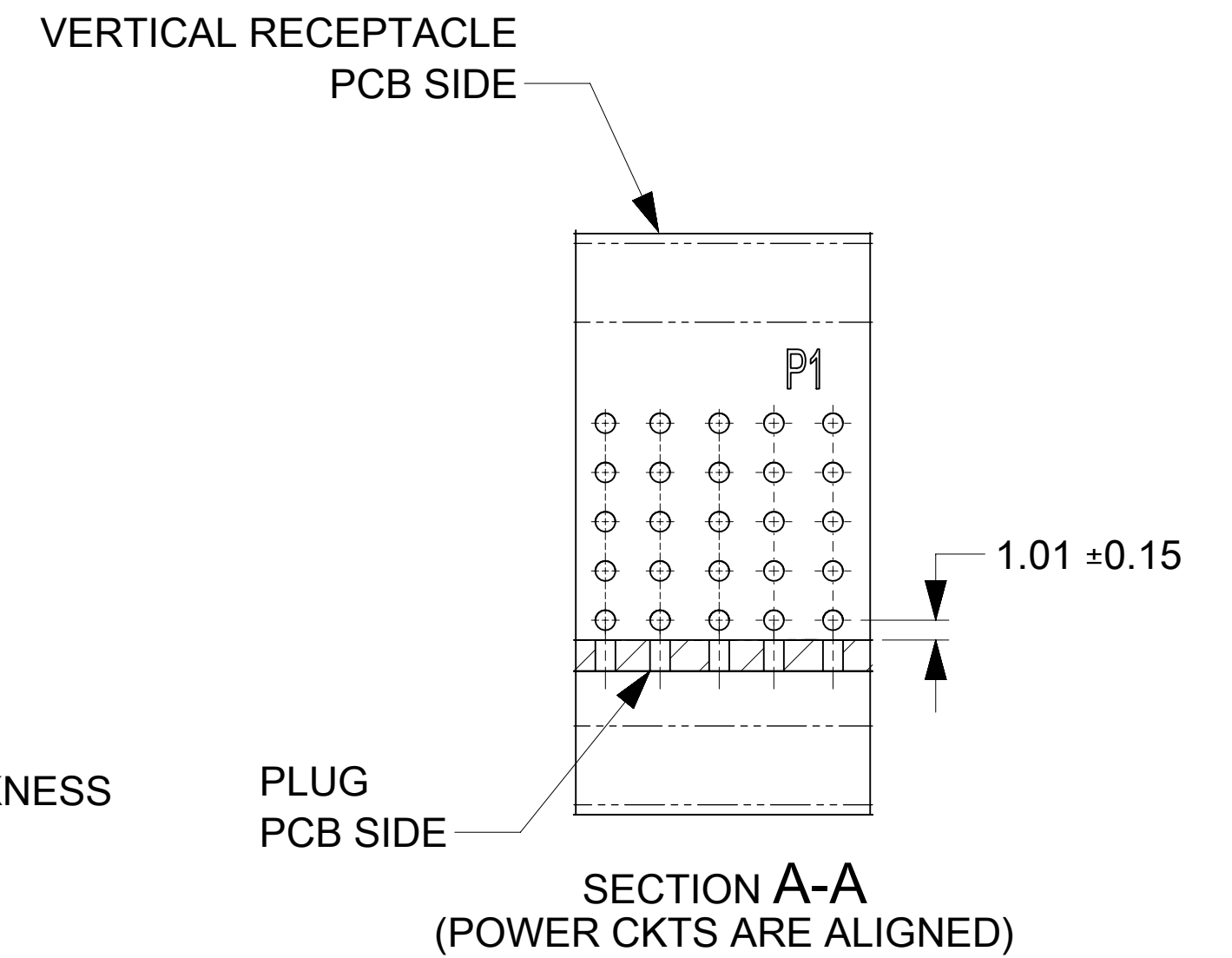
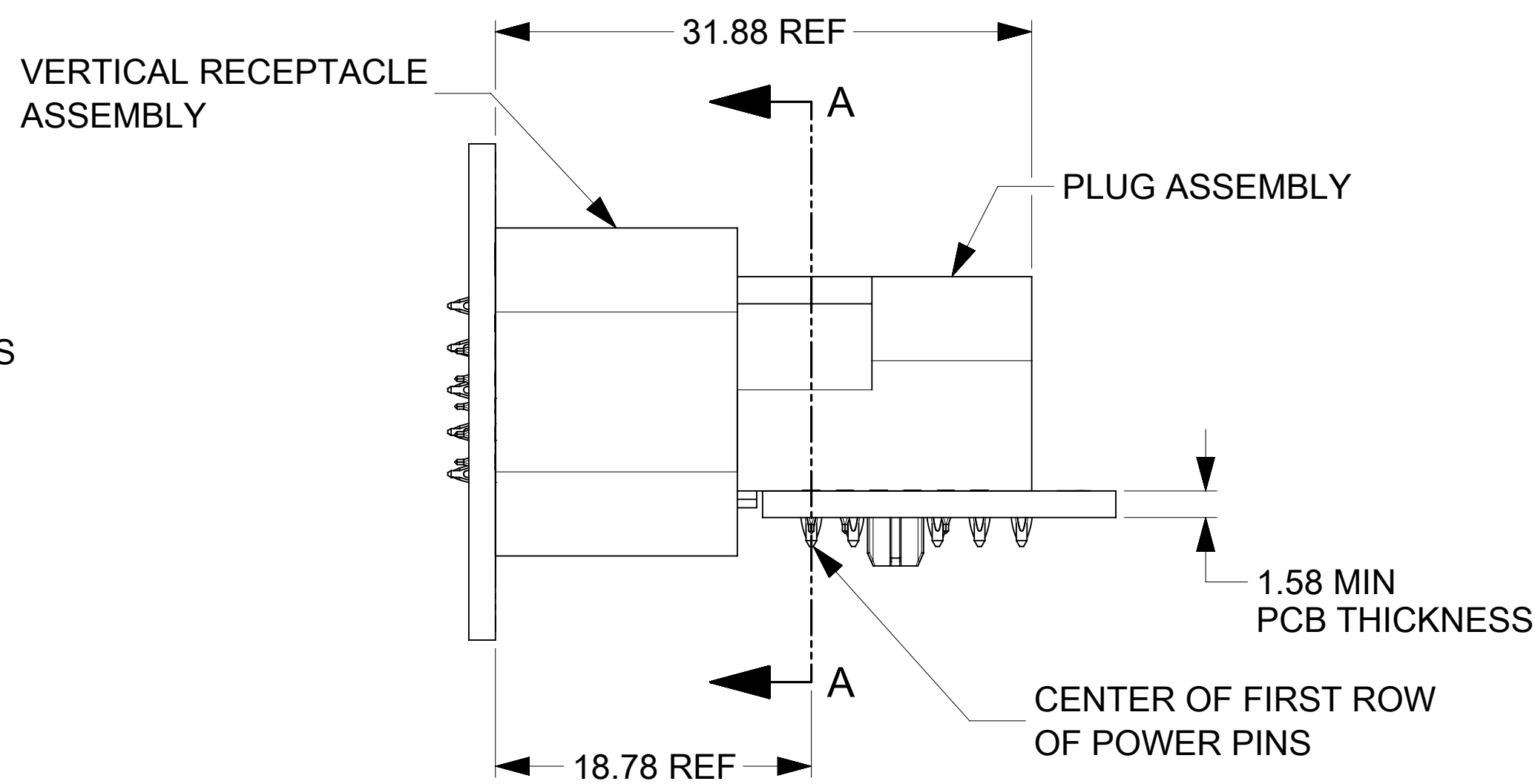
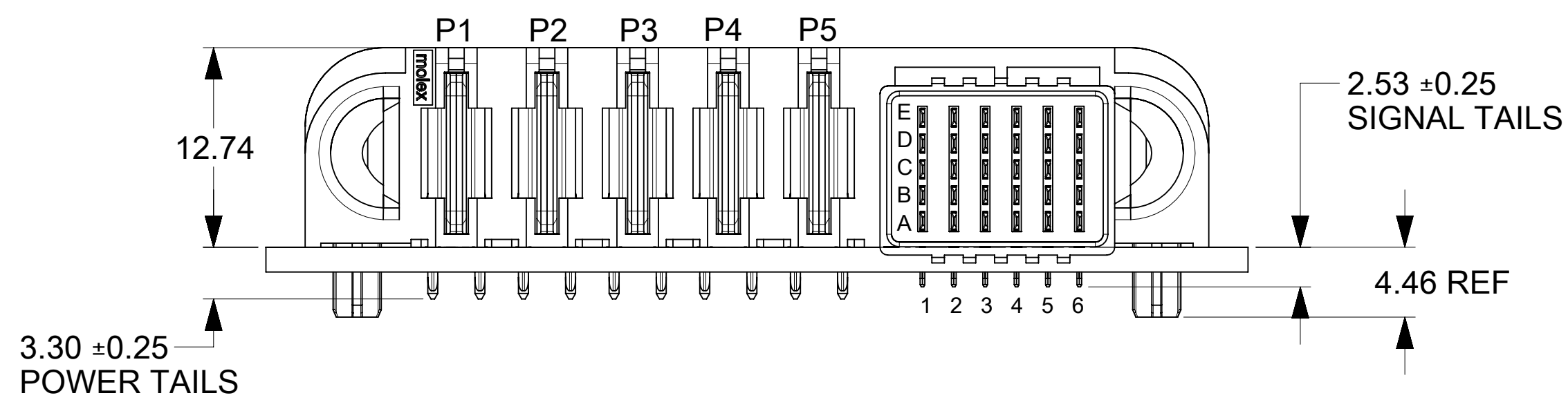
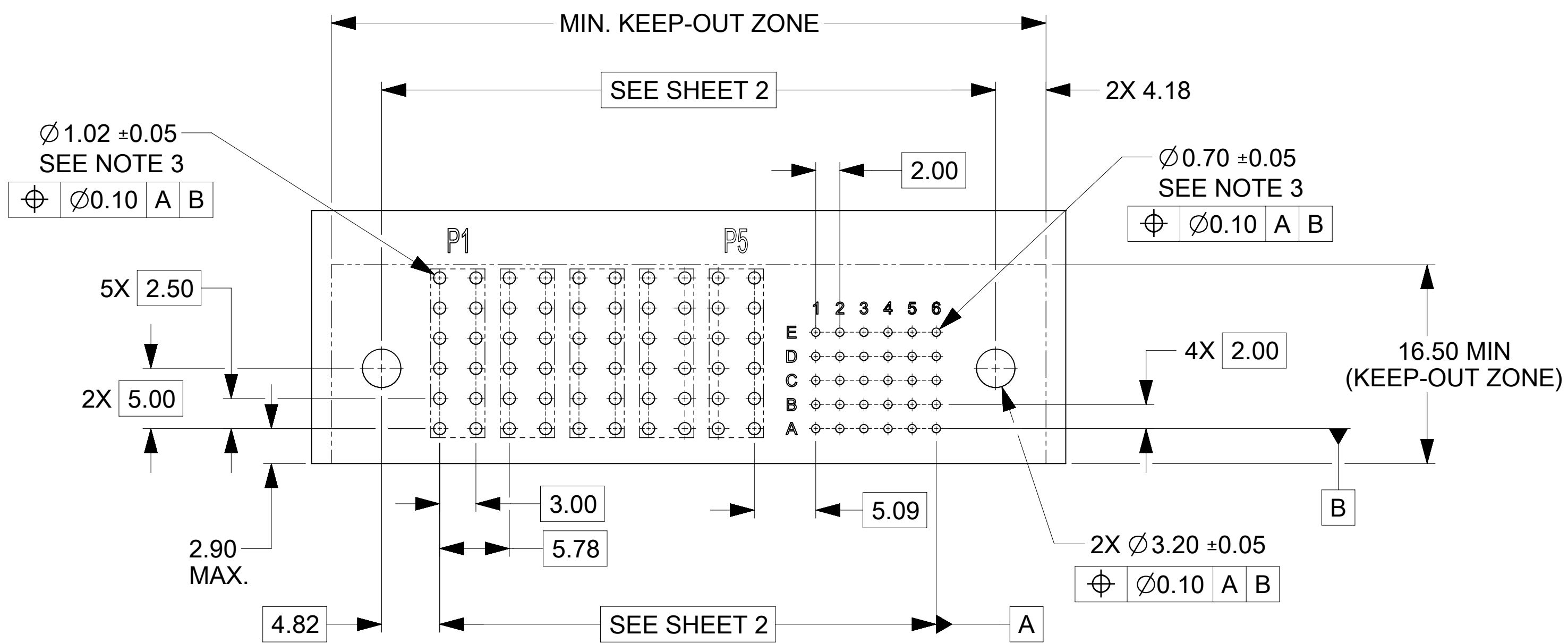


**PLUG MATED TO R/A RECEPTACLE
MATED PROFILE**



**PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE**



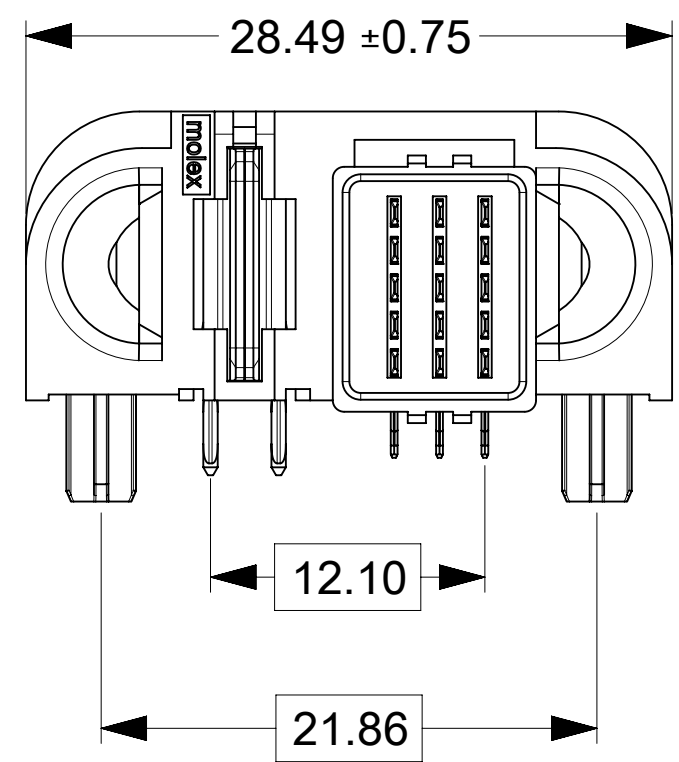
NOTES:

- 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 AND SIGNALS ARE LUBRICATED.**
- APPLICATION SPECIFICATION:** 2141130000-AS (FOR COMPLIANT TAILS ONLY).

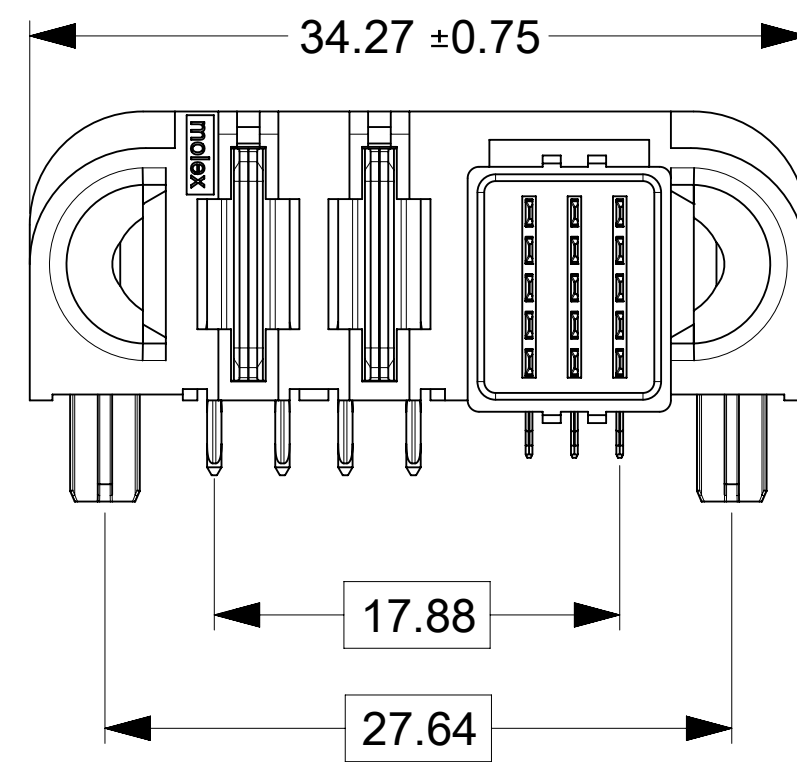
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS	SCALE	CURRENT REV DESC:								
mm	3:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 745288								
ANGULAR TOL	± °	DRWN: LZABJANOVSKI		2023/03/09		<div style="text-align: center;">molex</div> GUARDIAN HD RA PLUG RIGHT SIGNAL WITH POWER PF PRODUCT CUSTOMER DRAWING				
4 PLACES	±	CHK'D: JAYK1		2023/04/10						
3 PLACES	±	APPR: JAYK1		2023/04/10						
2 PLACES	± 0.25	INITIAL REVISION:		DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION
1 PLACE	± 0.3	DRWN: LZABJANOVSKI		2022/03/14		2195629001-SD		PSD	000	A1
0 PLACES	±	APPR: BPISZCZOR		2022/08/04		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER		
			D-SIZE	219562	SEE CHART			1 OF 2		

RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

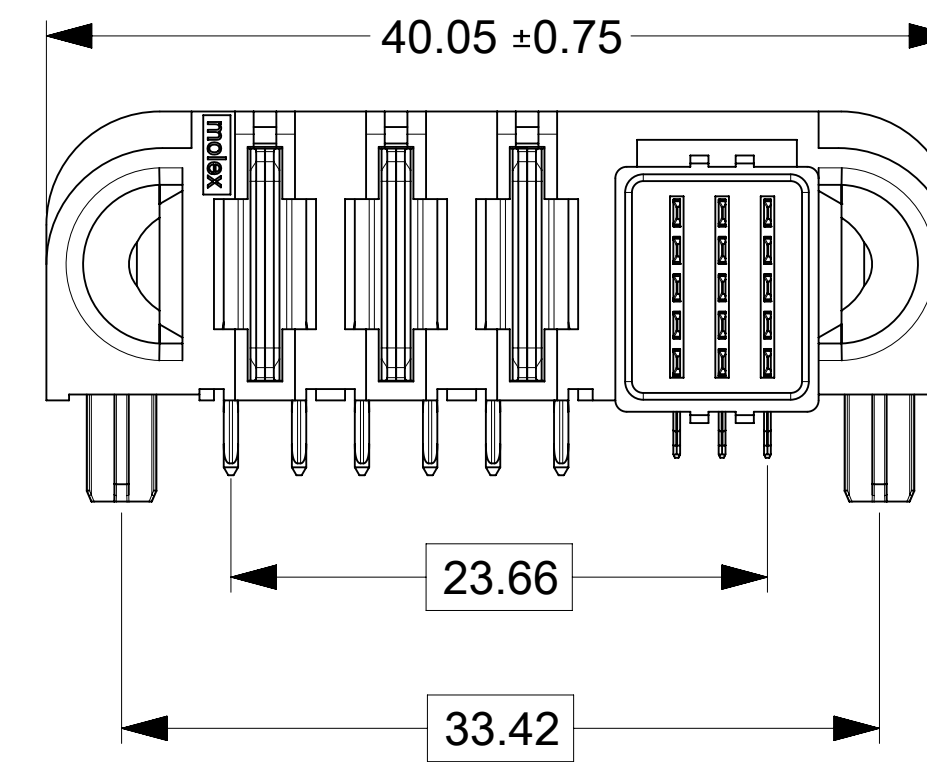
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0011	G+1P+15S+G	135



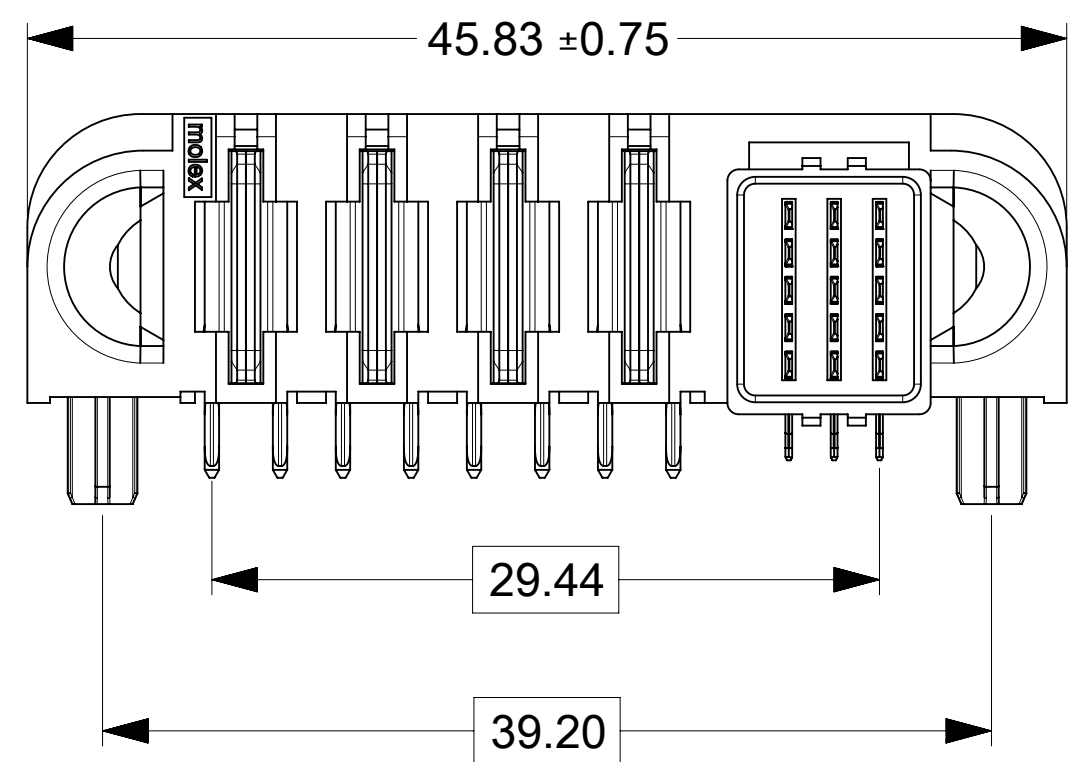
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0012	G+2P+15S+G	105



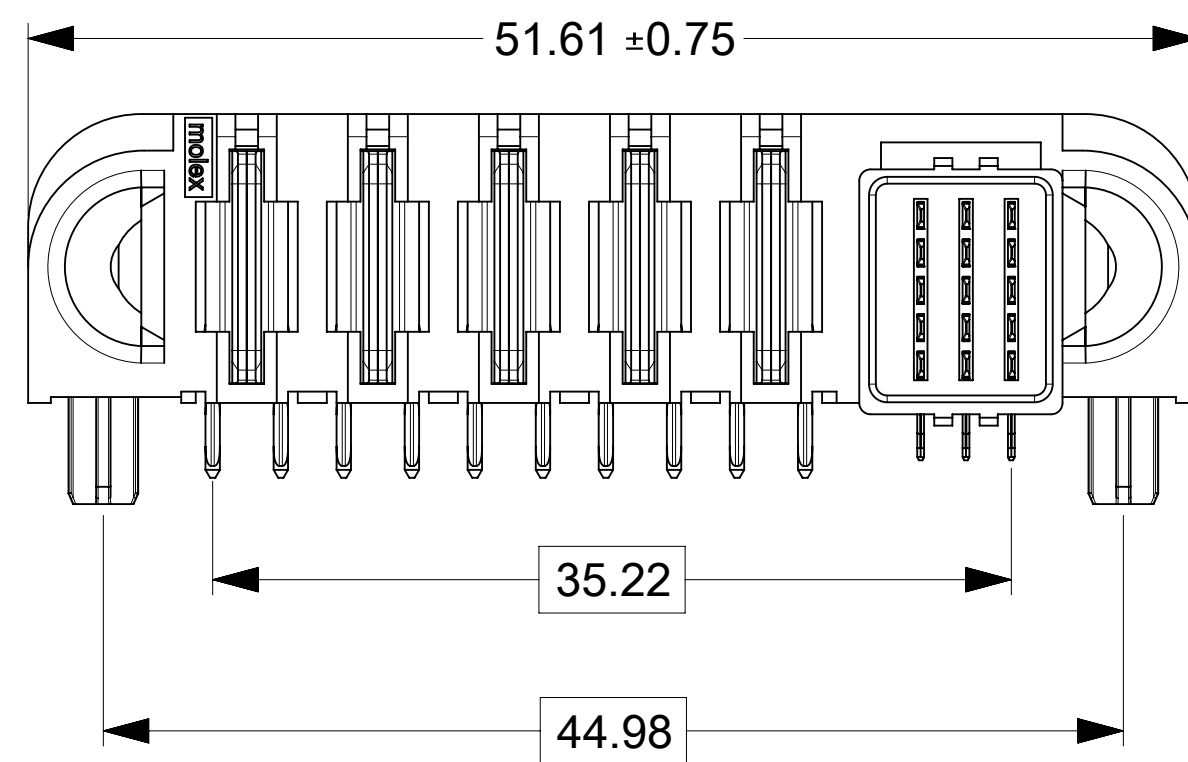
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219562-0013	G+3P+15S+G	90



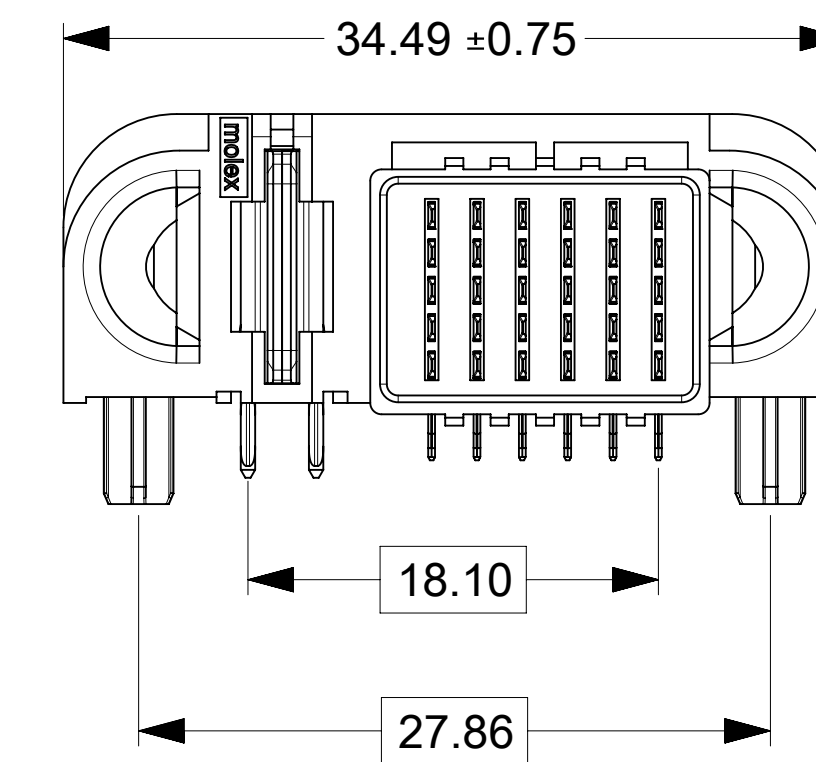
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219562-0014	G+4P+15S+G	75



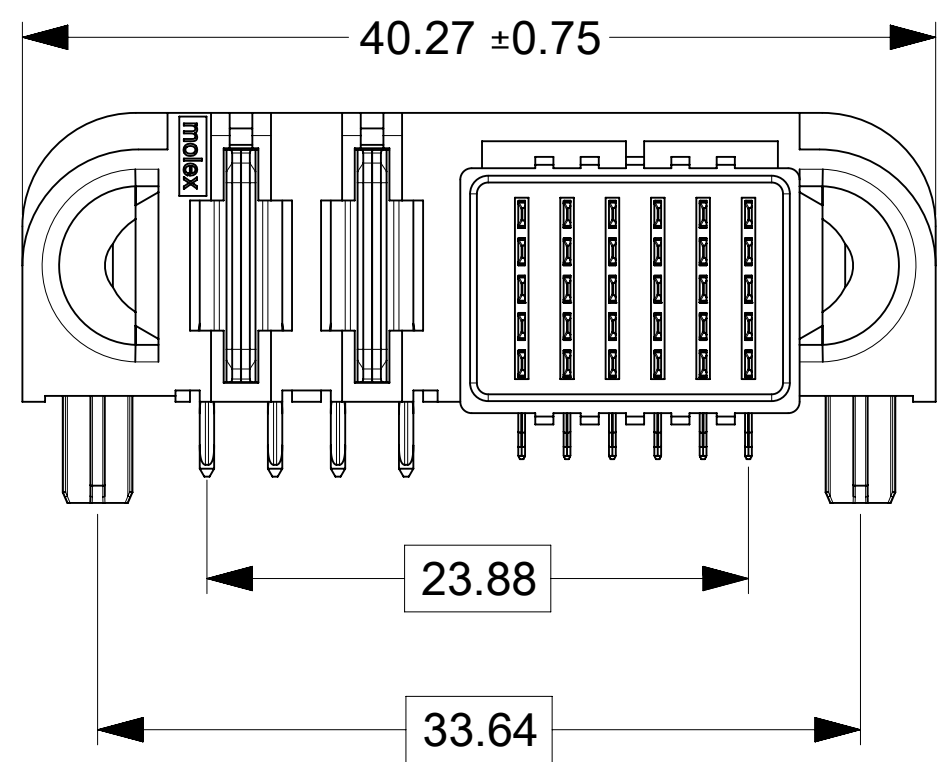
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0015	G+5P+15S+G	75



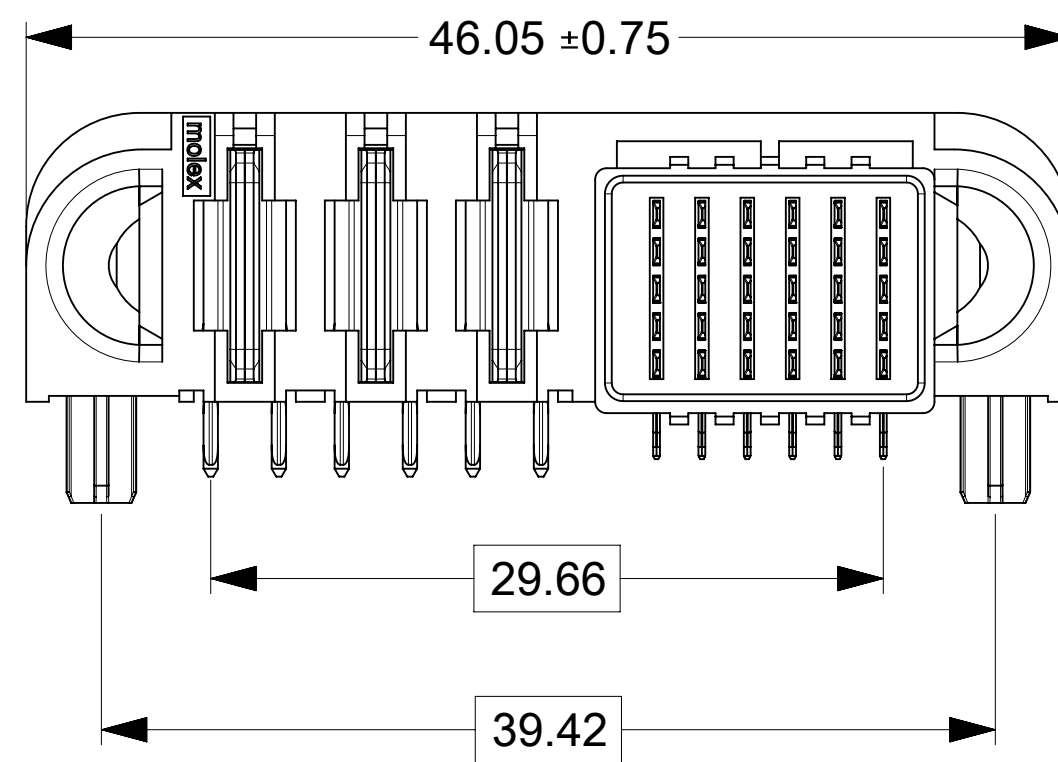
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0016	G+1P+30S+G	105



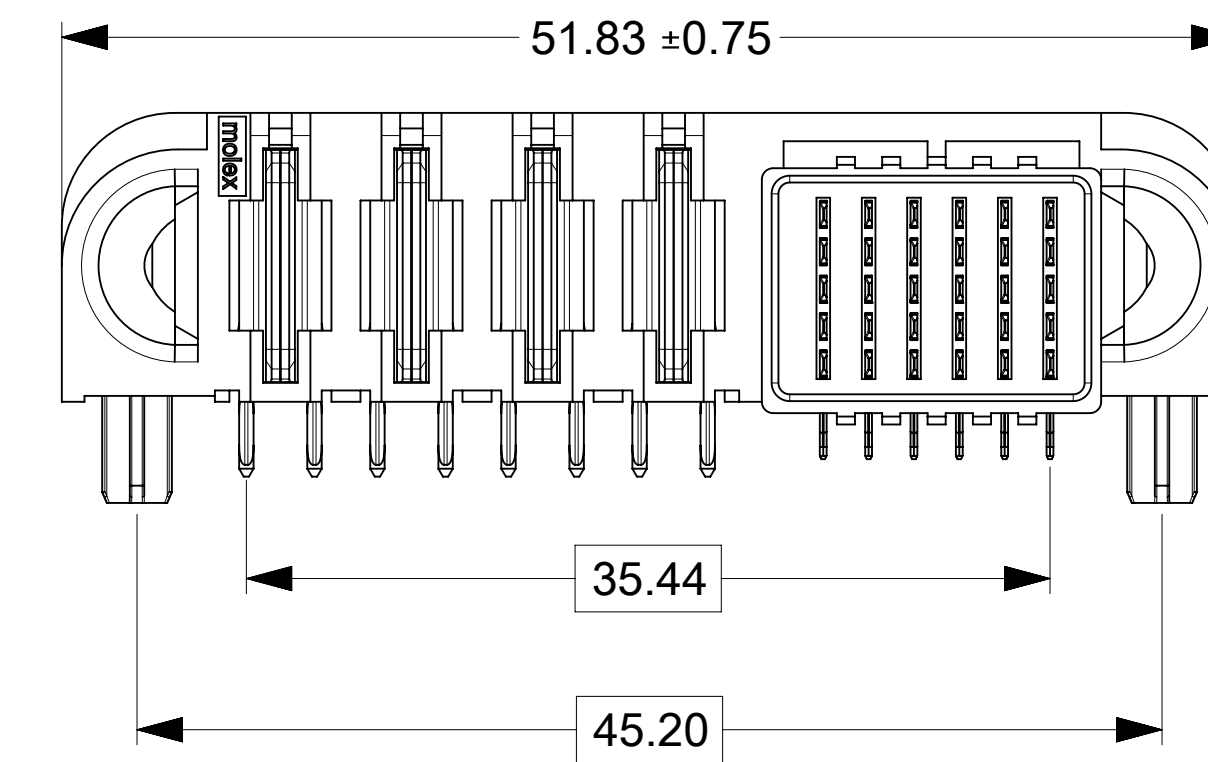
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0017	G+2P+30S+G	90



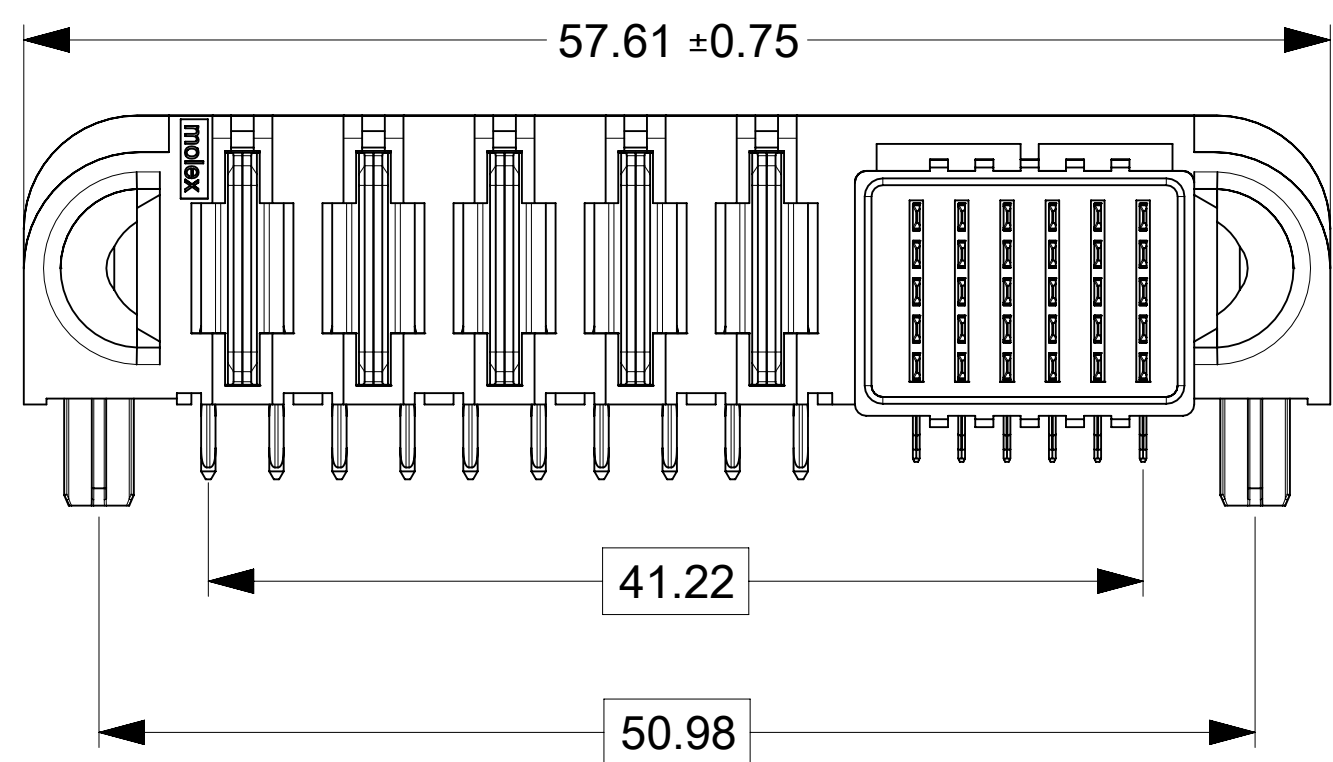
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0018	G+3P+30S+G	75



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



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



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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
2195629001-SD		PSD	000	A1
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
SEE CHART				2 OF 2

molex

GUARDIAN HD RA PLUG RIGHT SIGNAL WITH POWER PF

PRODUCT CUSTOMER DRAWING