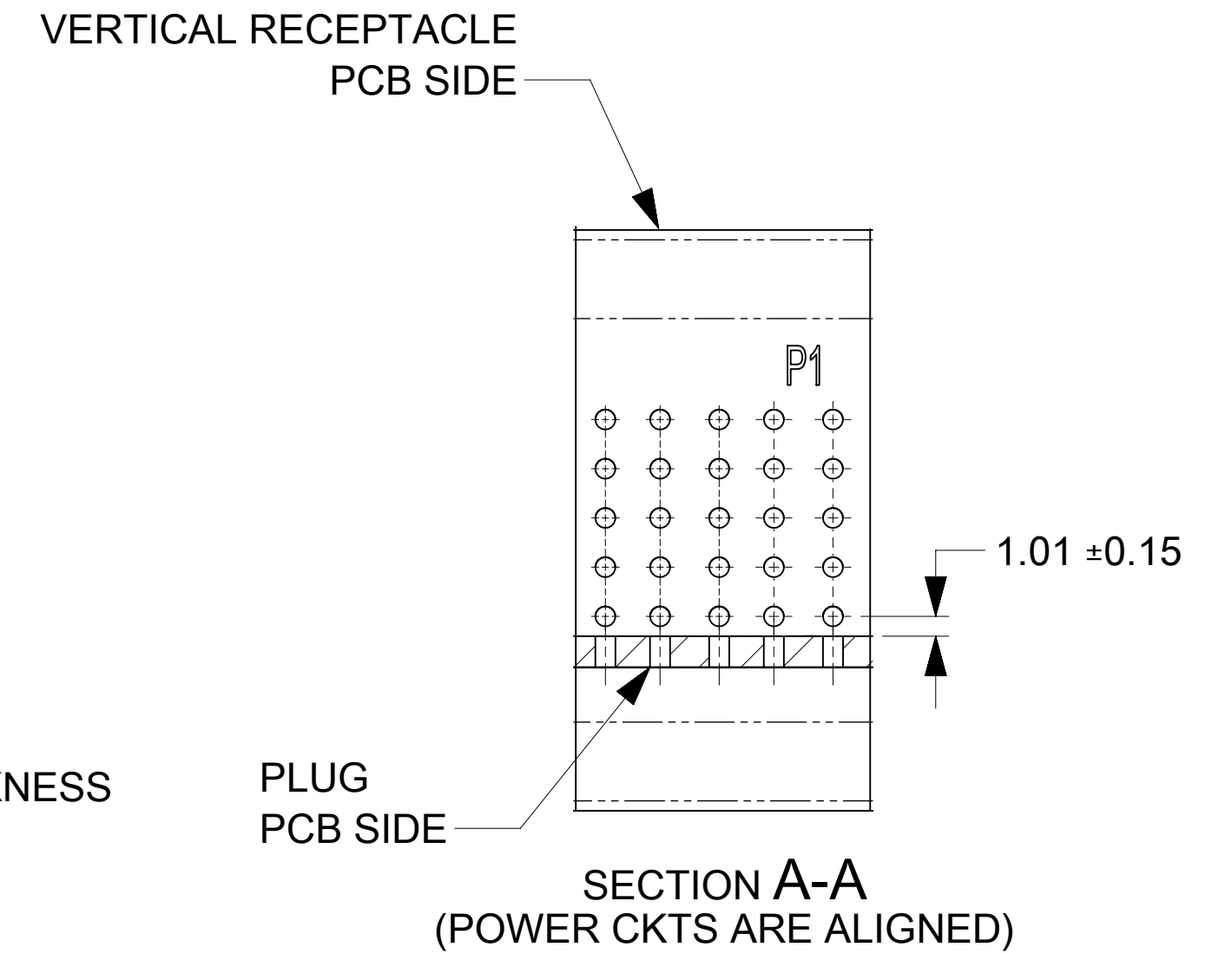
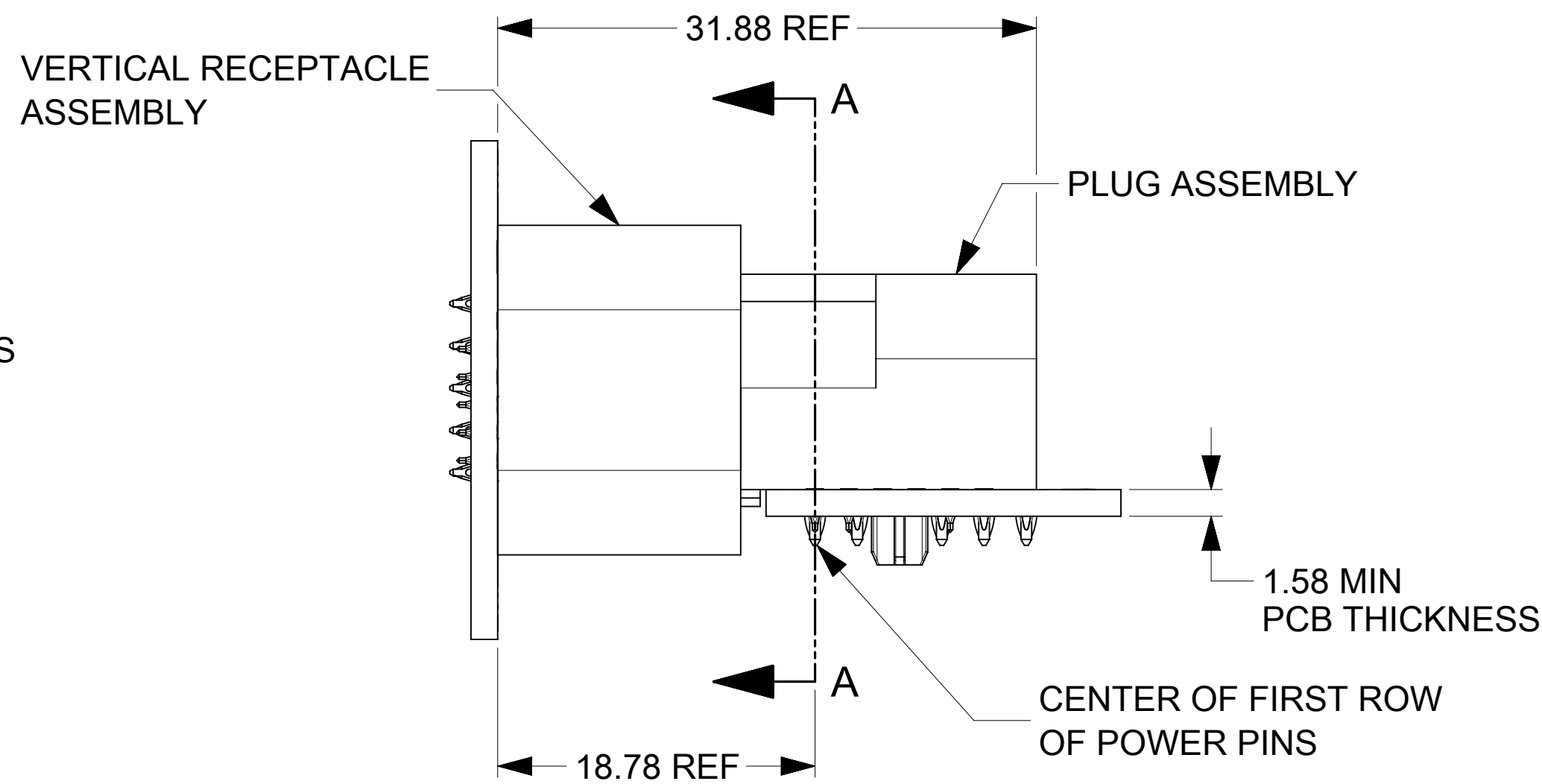
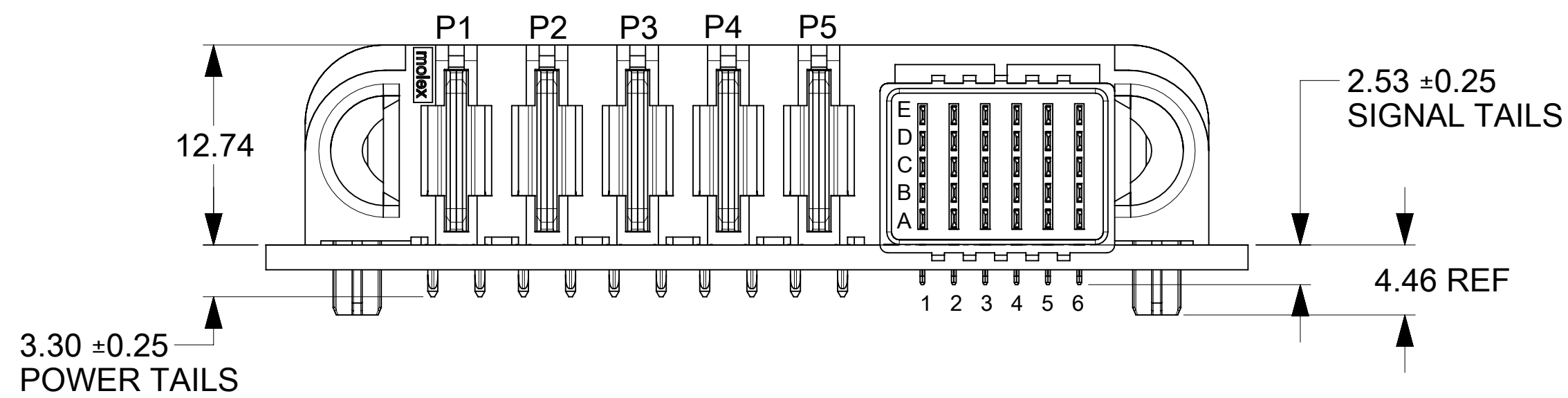
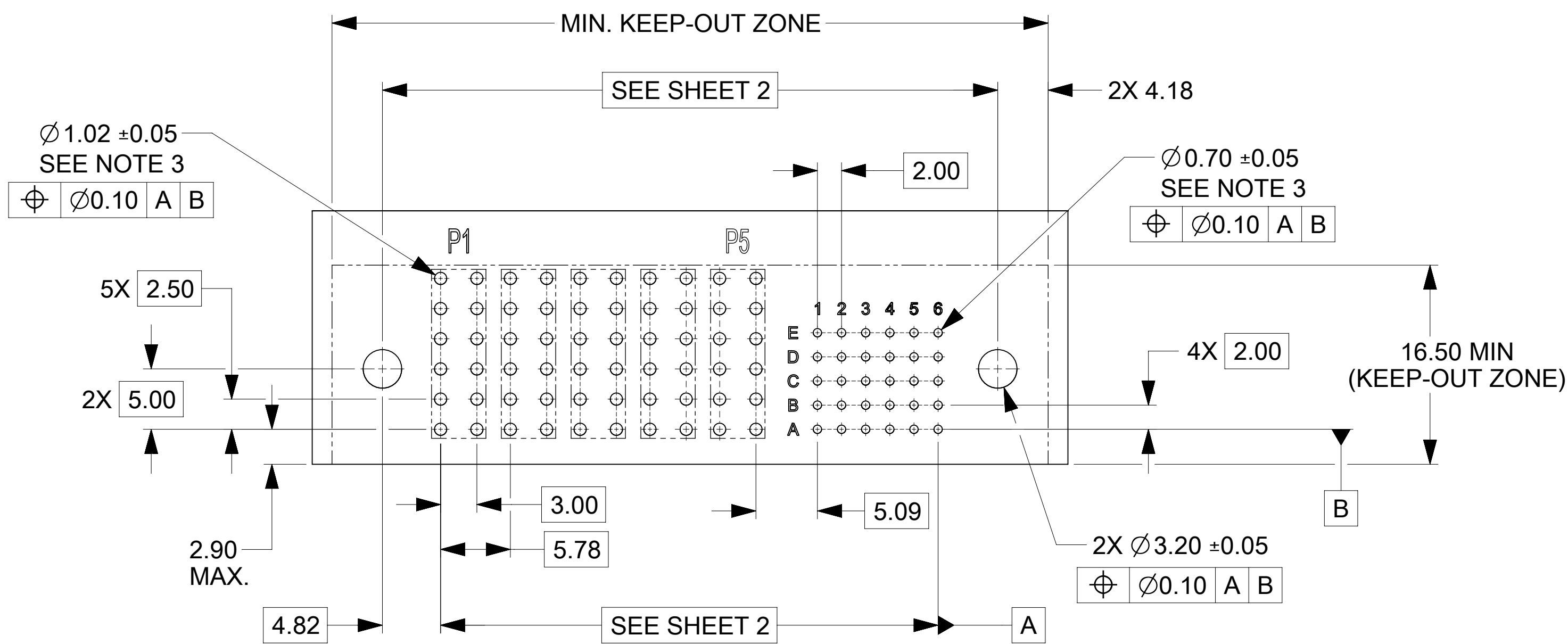


**PLUG MATED TO R/A RECEPTACLE
MATED PROFILE**



**PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE**



NOTES:

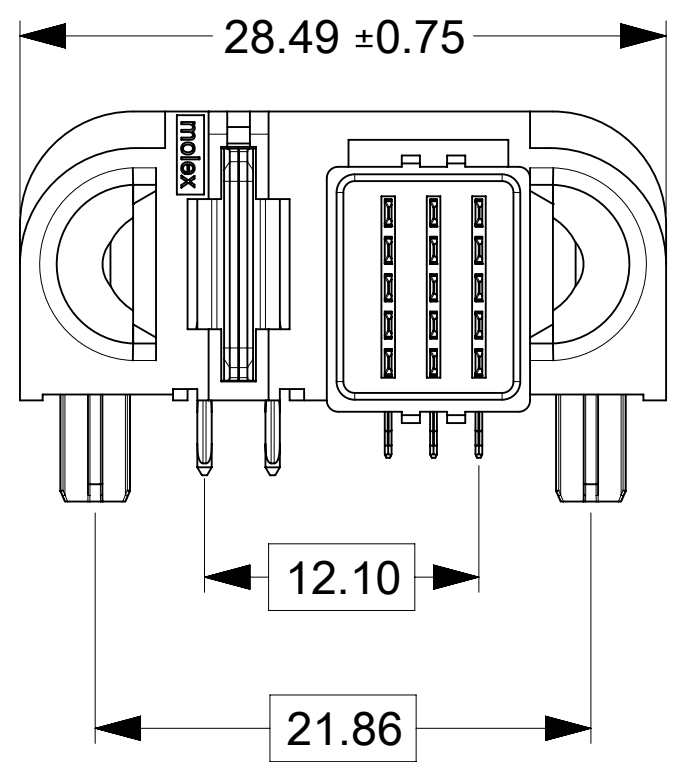
- MATERIAL:**
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 μm (50 μin) NICKEL OVERALL WITH 2.54 μm (100 μin) SELECTIVE TIN ON TAILS AND 0.762 μm (30 μin) SELECTIVE GOLD ON CONTACT AREA
- PACKAGING:** ASSEMBLIES TO BE TRAY PACKED PER PACKAGING 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

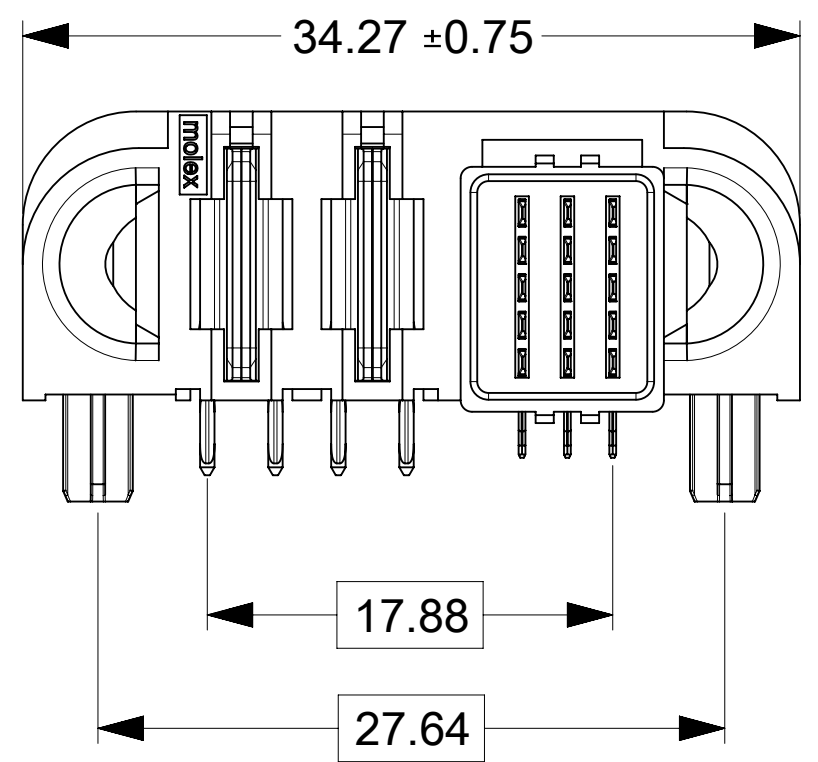
DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex		
mm	3:1					
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 745288		GUARDIAN HD RA PLUG RIGHT SIGNAL WITH POWER PF		
ANGULAR TOL	± °	DRWN: LZABJANOVSKI 2023/03/09				
4 PLACES	±	CHK'D: JAYK1 2023/04/10		PRODUCT CUSTOMER DRAWING		
3 PLACES	±	APPR: JAYK1 2023/04/10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

RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

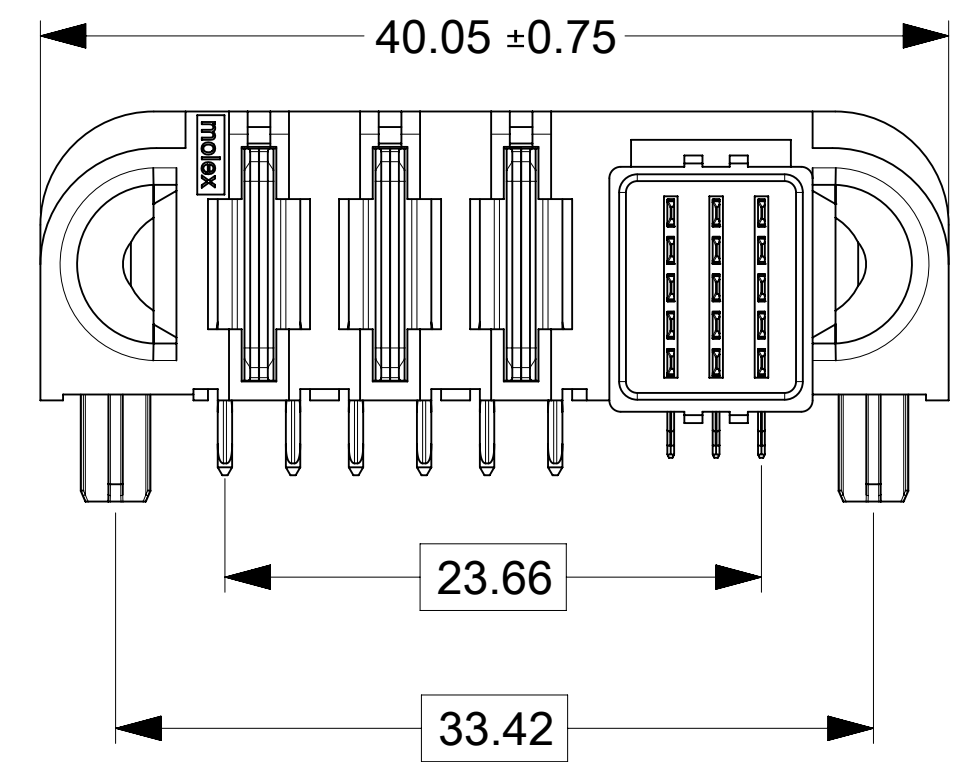
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0011	G+1P+15S+G	135



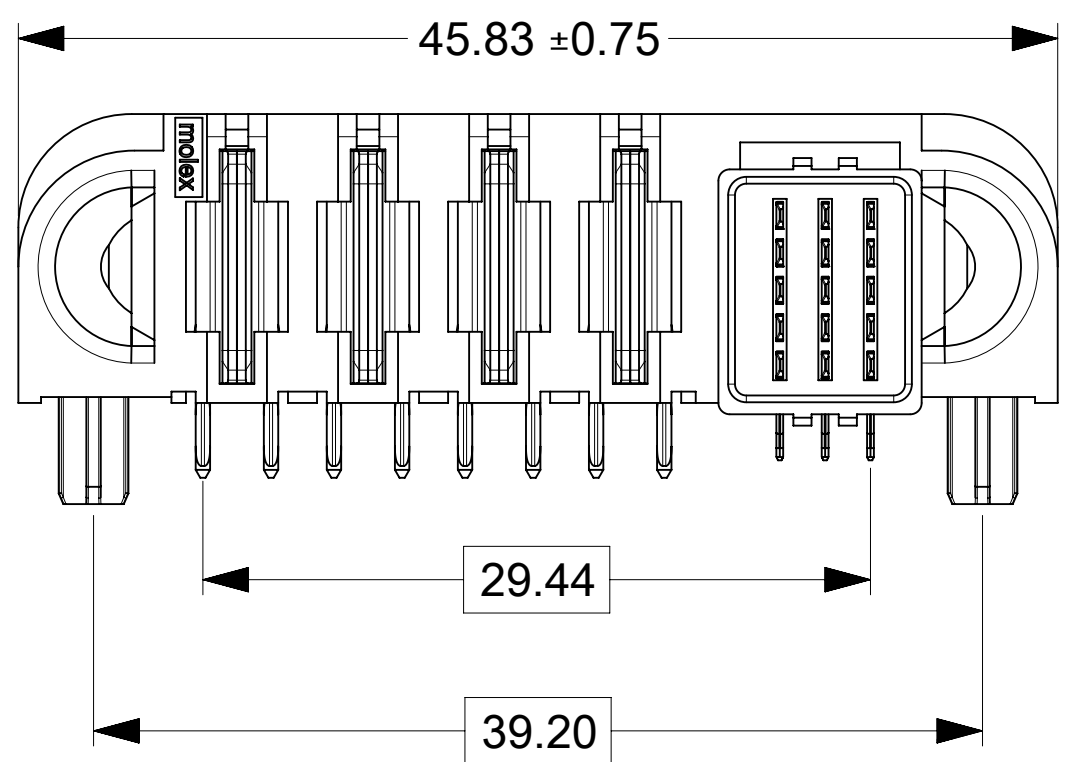
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0012	G+2P+15S+G	105



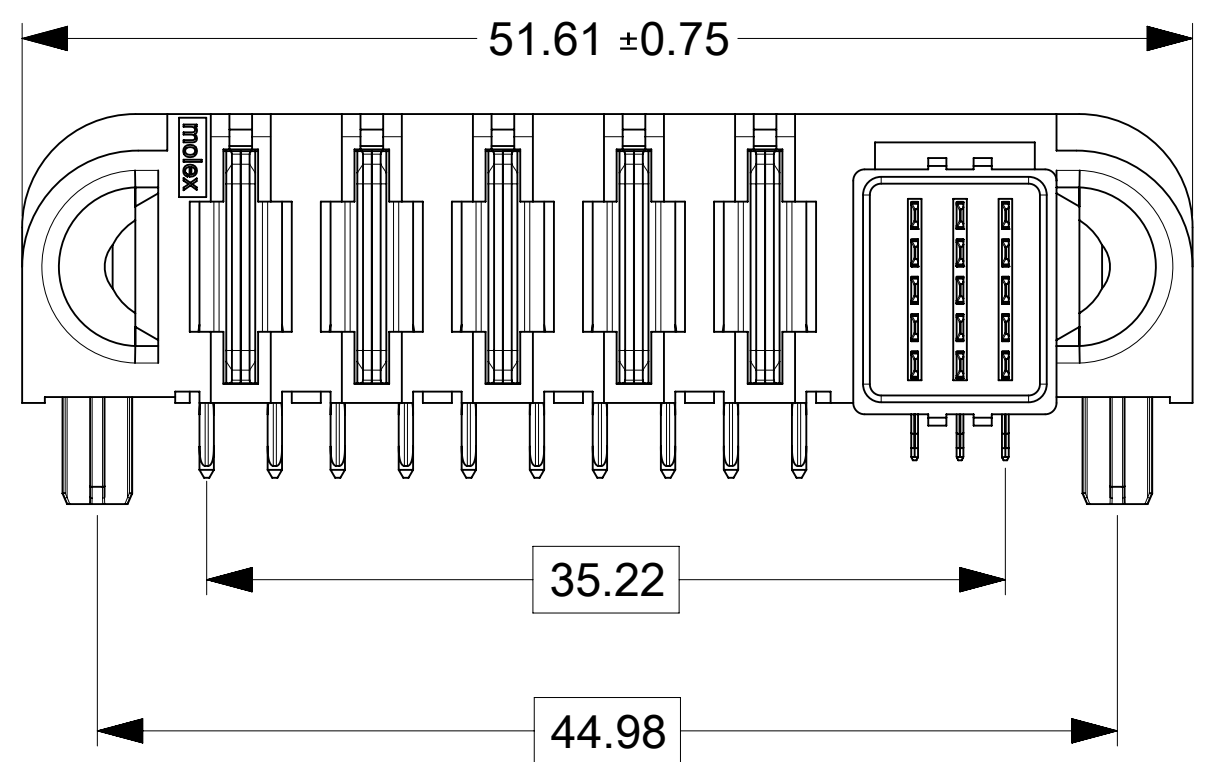
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0013	G+3P+15S+G	90



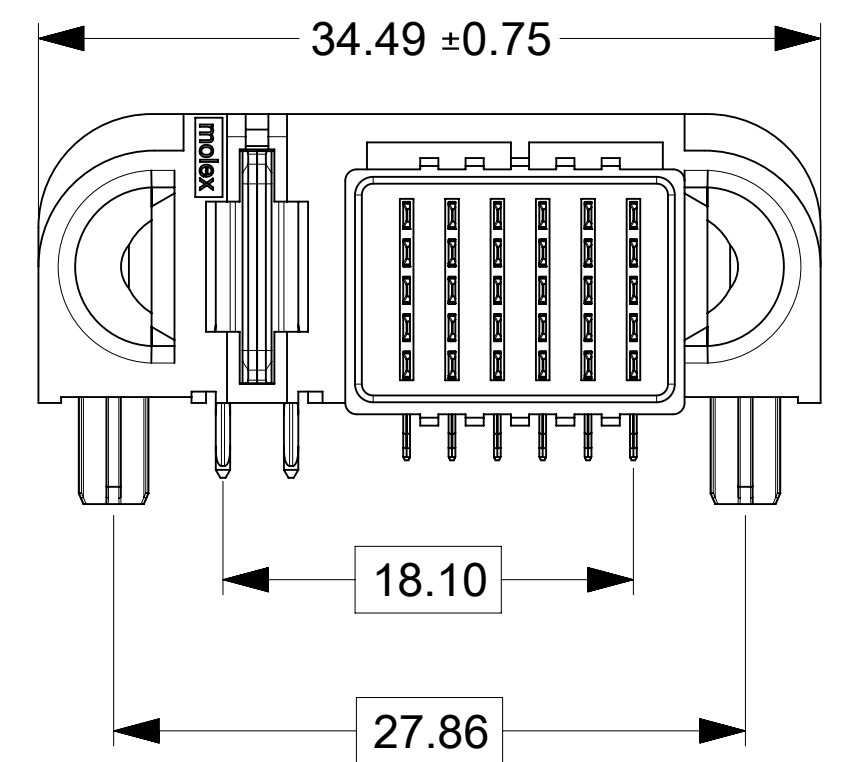
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0014	G+4P+15S+G	75



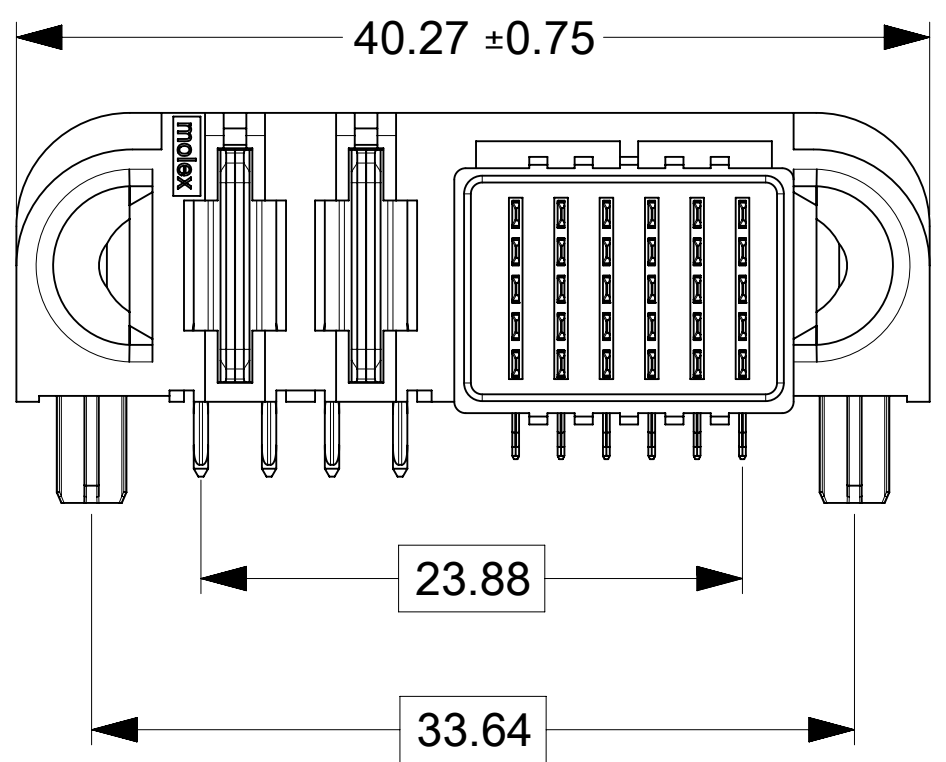
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0015	G+5P+15S+G	75



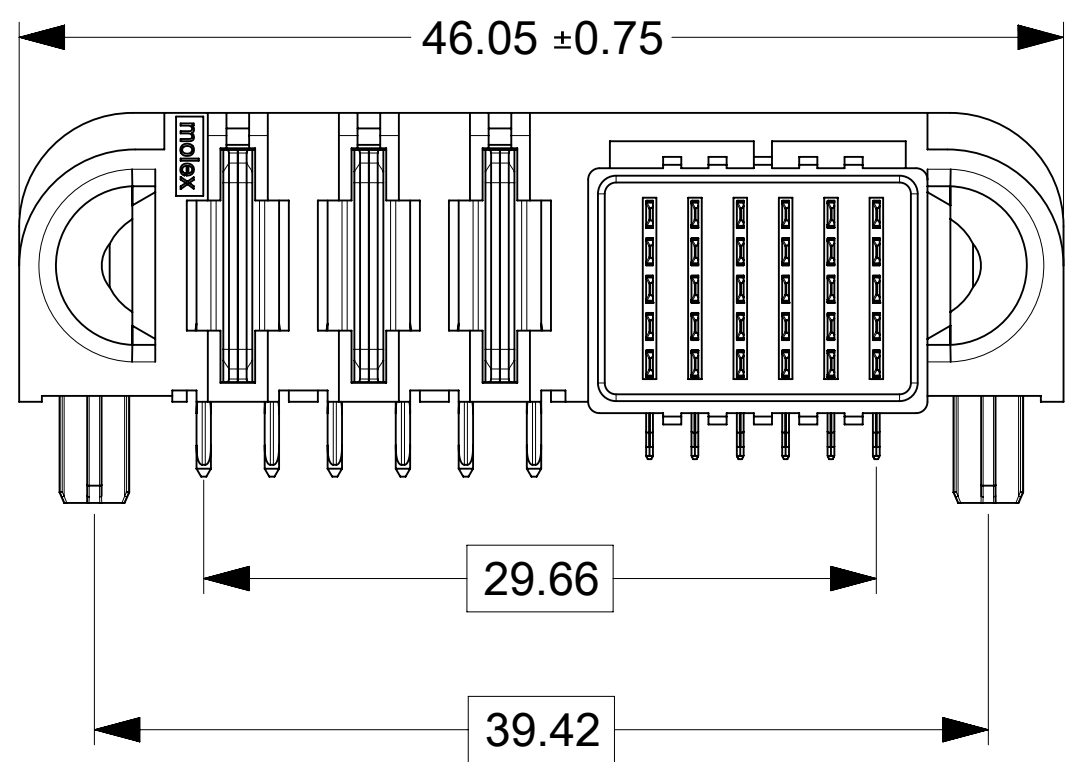
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0016	G+1P+30S+G	105



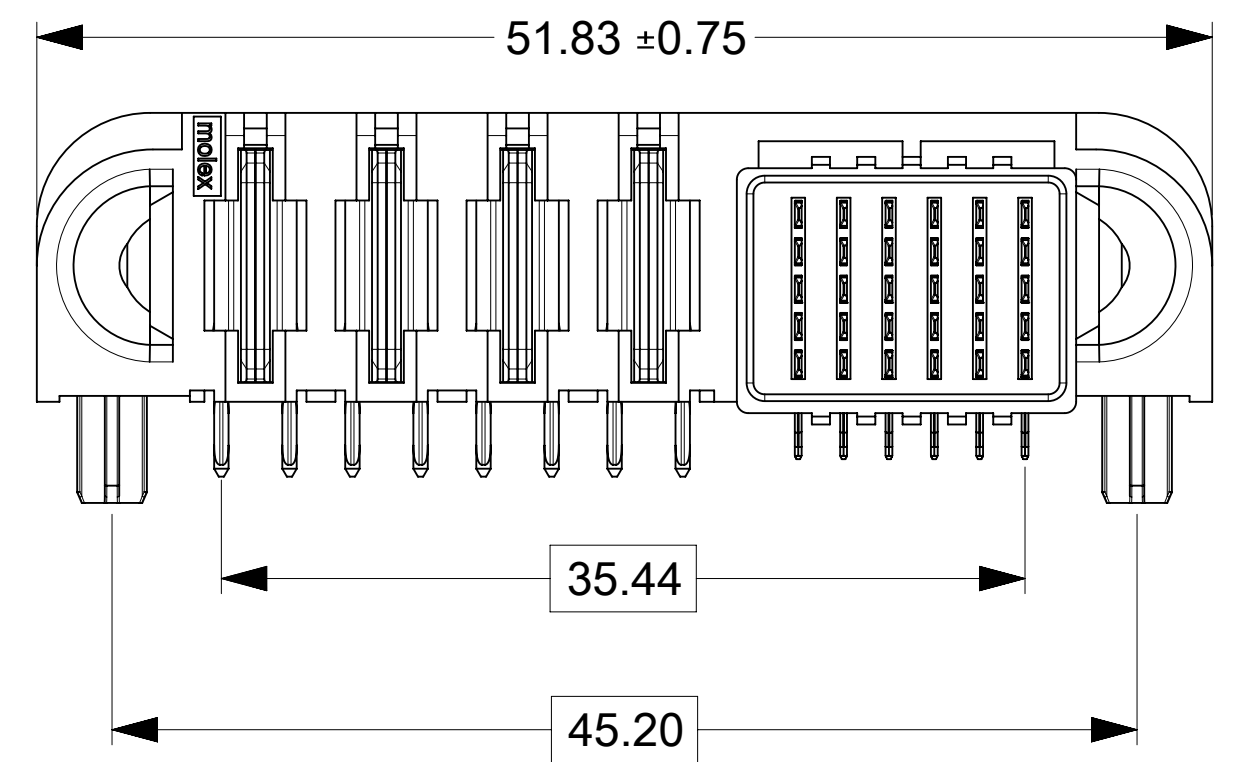
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0017	G+2P+30S+G	90



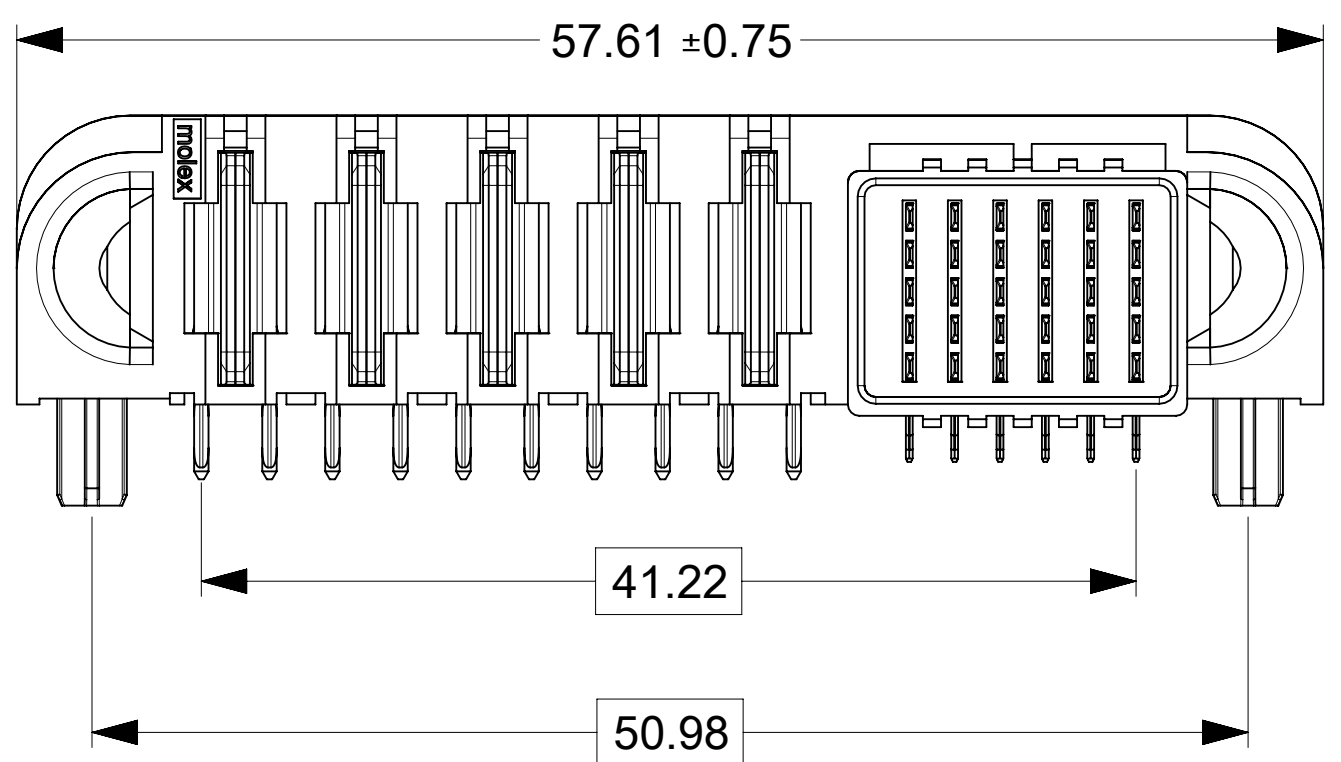
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0018	G+3P+30S+G	75



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



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	±		
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

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

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