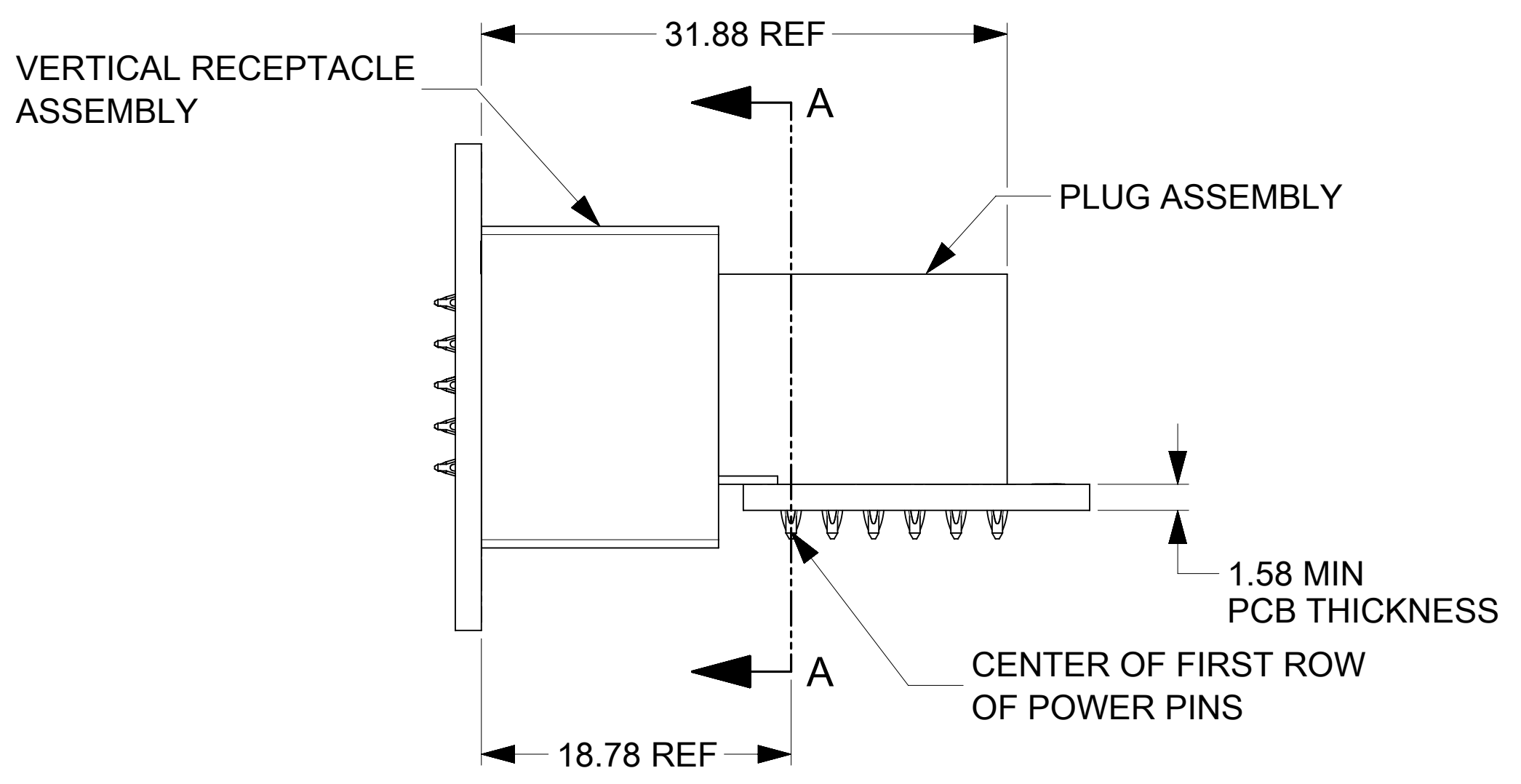
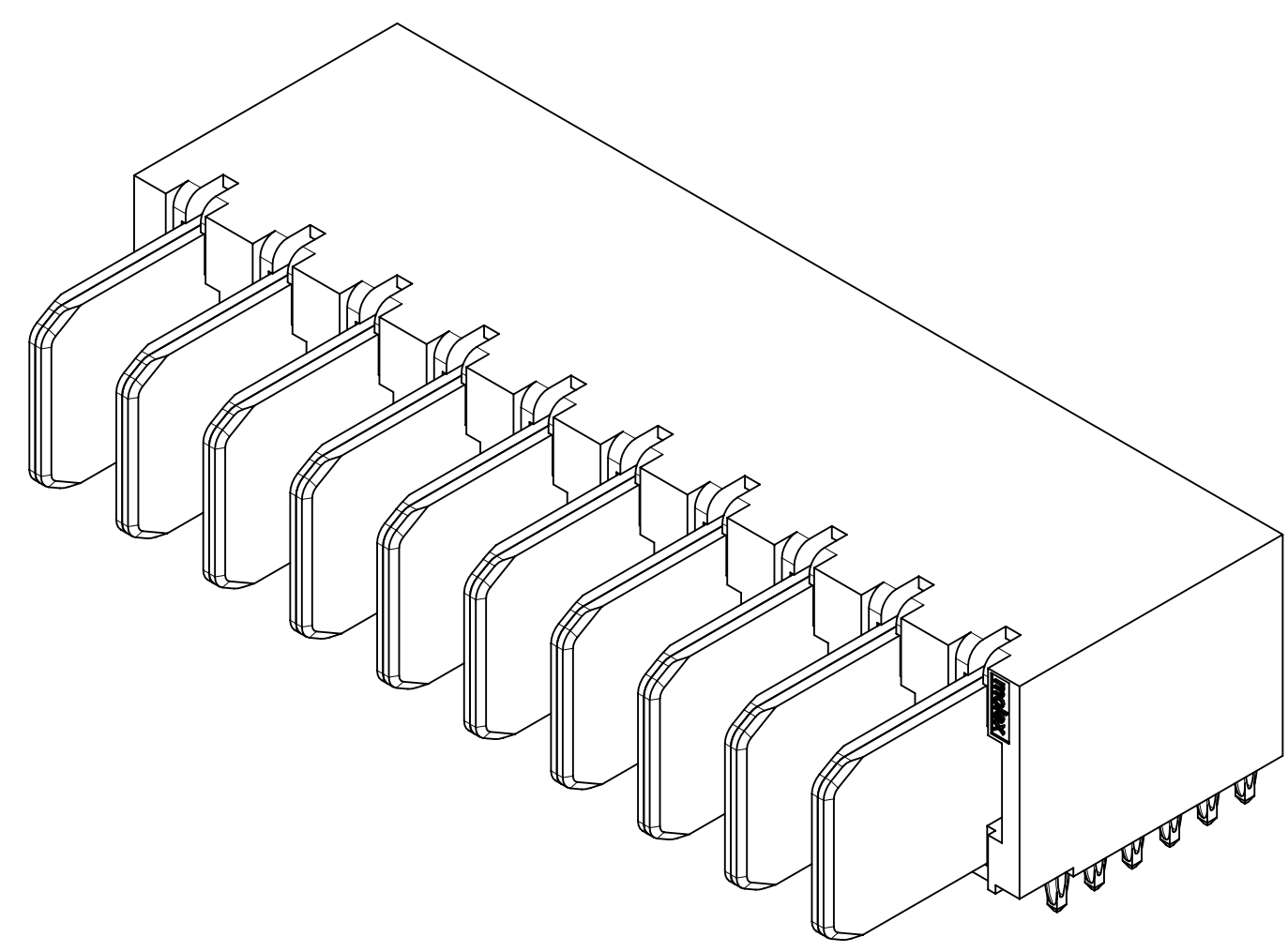
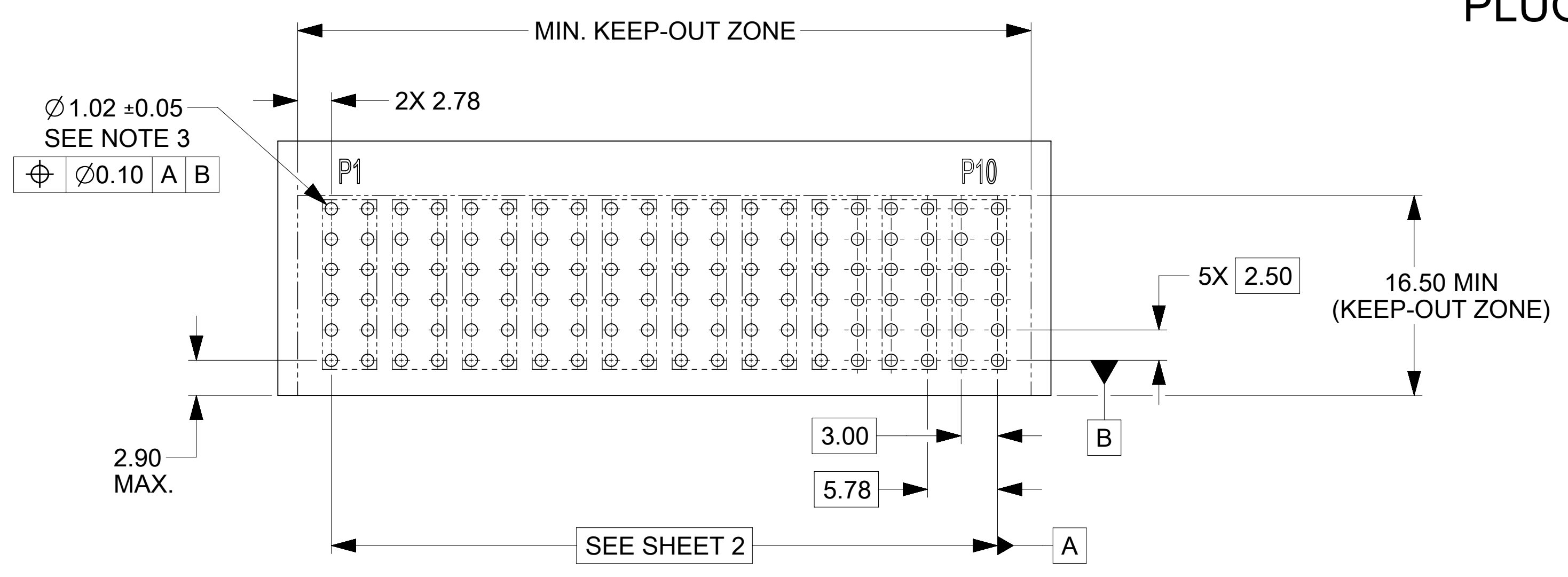
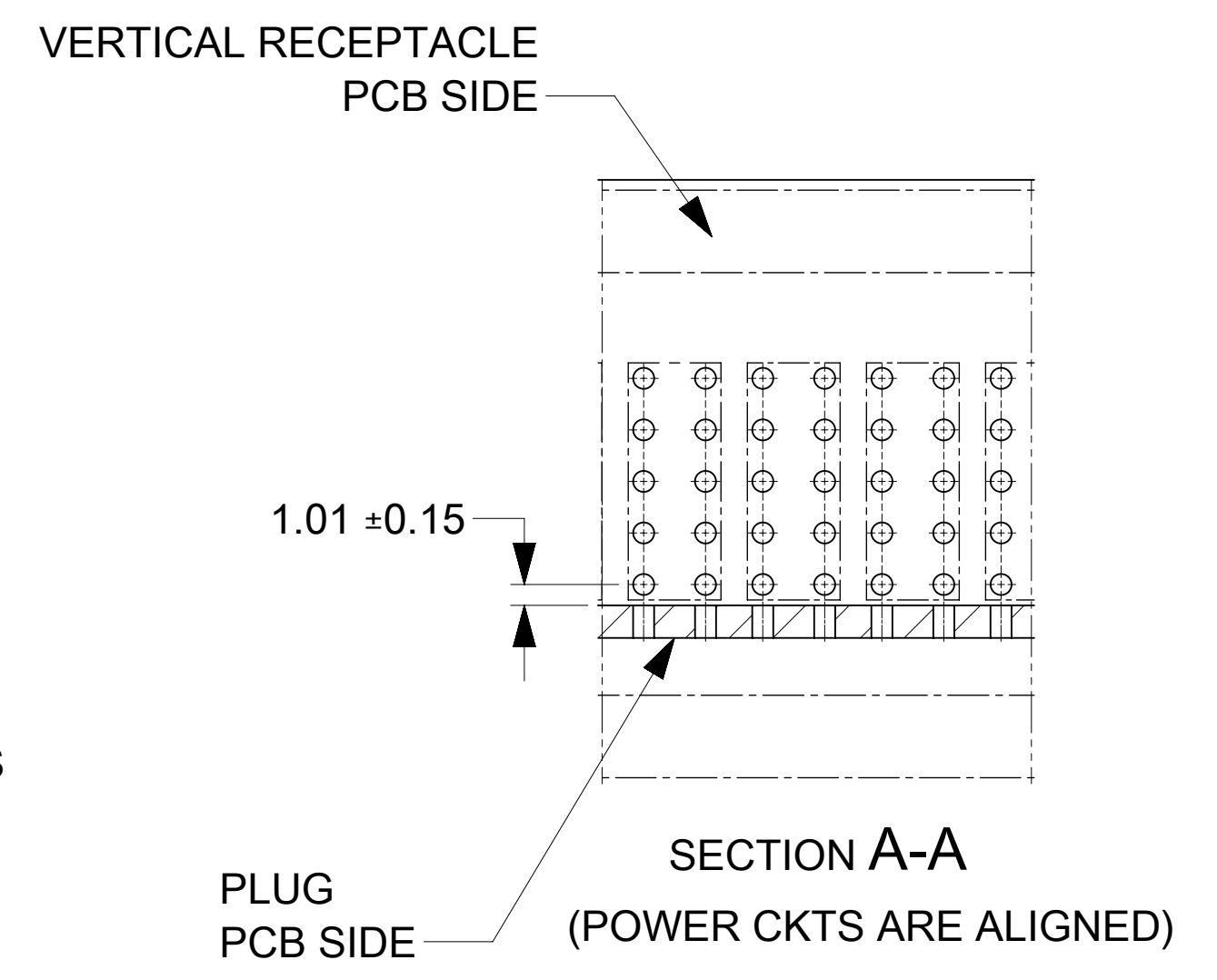


**PLUG MATED TO R/A RECEPTACLE  
MATED PROFILE**



**PLUG MATED TO VERTICAL RECEPTACLE  
MATED PROFILE**



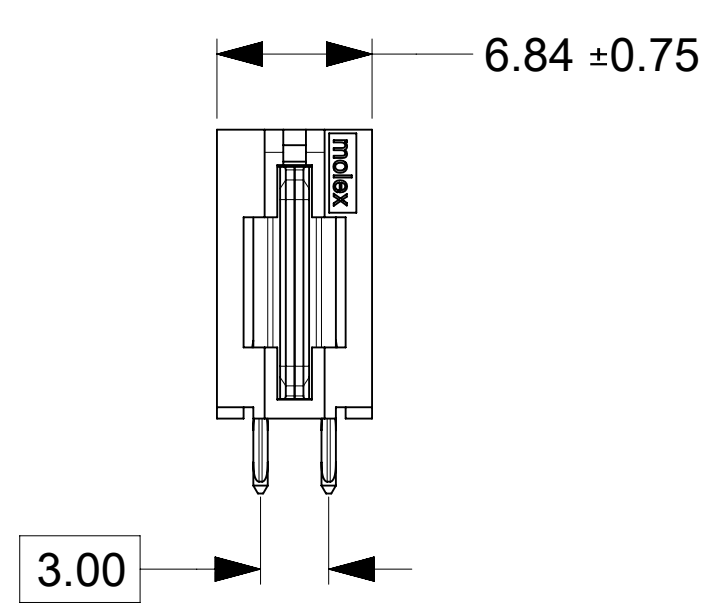
**RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE**

**NOTES:**

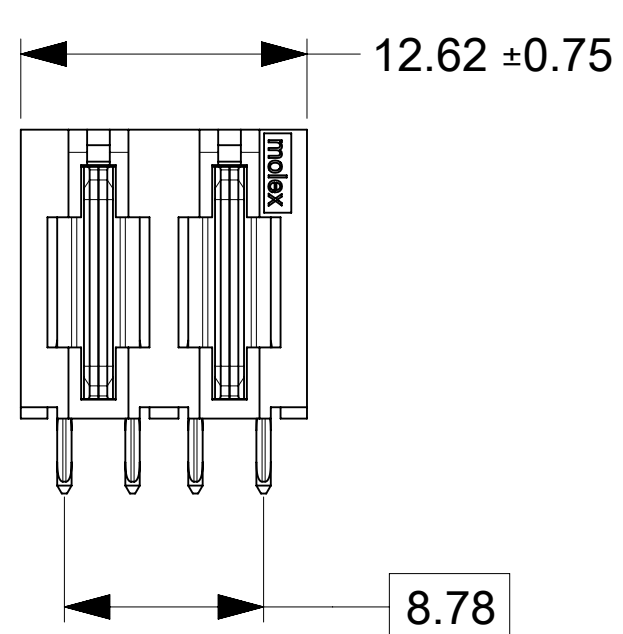
- MATERIAL:**
  - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
  - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
  - PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH 2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND 0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
- PACKAGING:** ASSEMBLIES TO BE TRAY PACKED PER PACKAGING 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 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	±								
3 PLACES	±								
2 PLACES	± 0.25								
1 PLACE	± 0.3								
0 PLACES	±								
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		
		EC NO: 745288		2023/03/21					
		DRWN: LZABJANOVSKI		2023/04/10					
		CHK'D: JAYK1		2023/04/10					
		APPR: JAYK1		2023/04/10					
		INITIAL REVISION:		2022/03/29					
		DRWN: LZABJANOVSKI		2022/08/04					
		APPR: BPISZCZOR		2022/08/04					
				2195629003-SD		PSD	000	A1	
				SEE CHART					

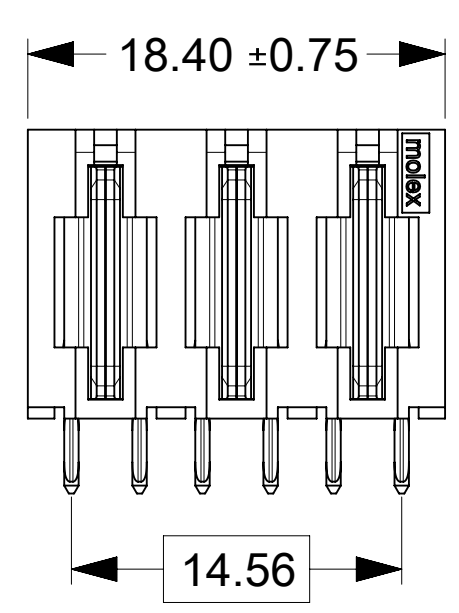
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0031	1P	656



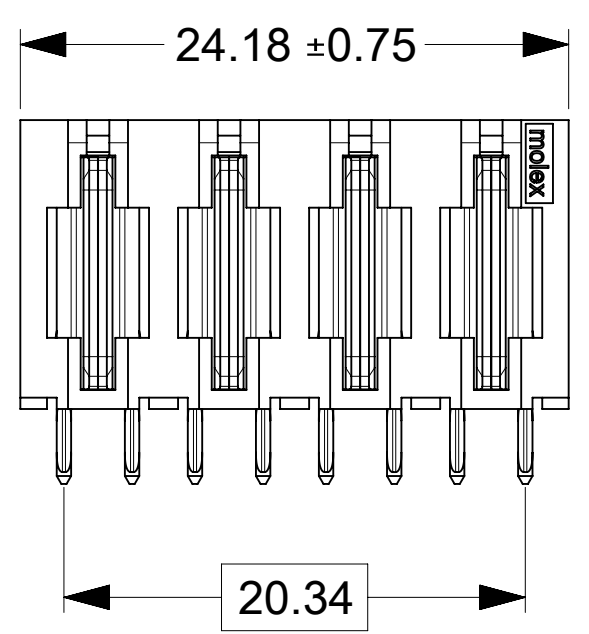
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0032	2P	352



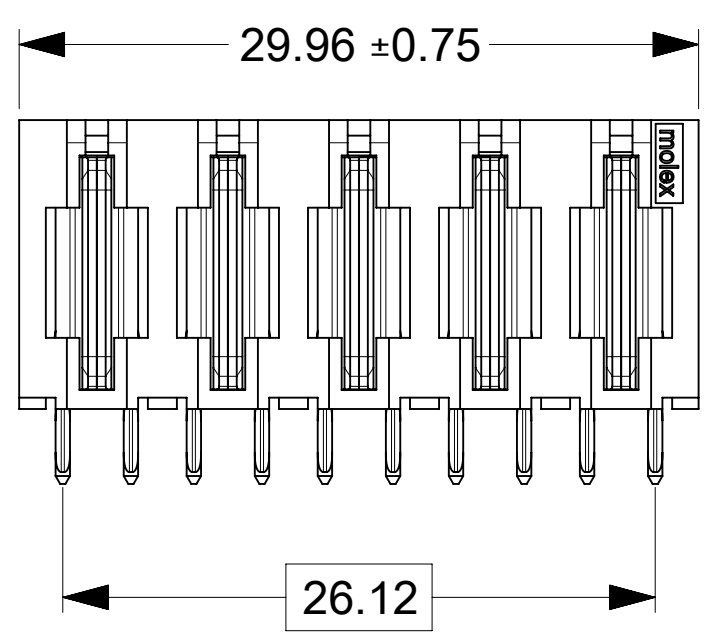
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0033	3P	240



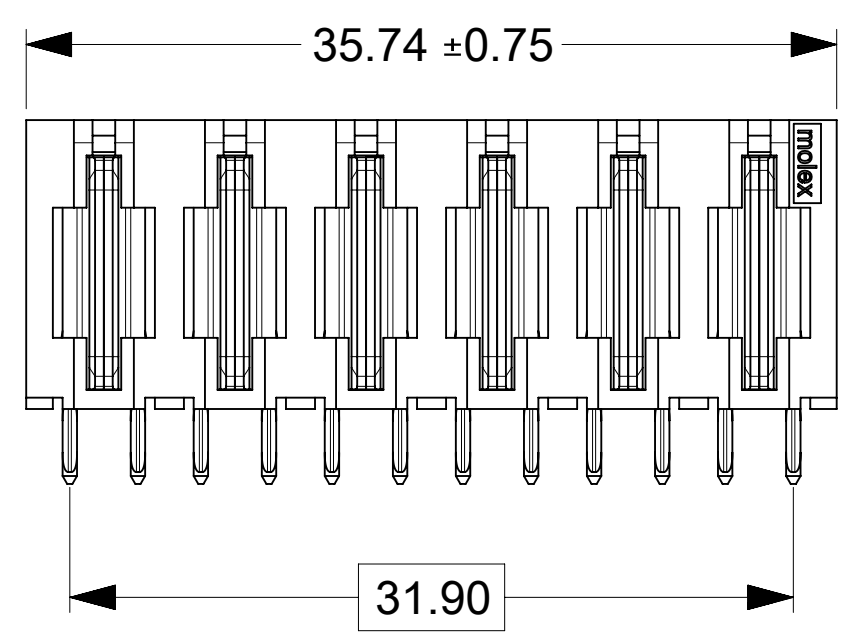
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0034	4P	176



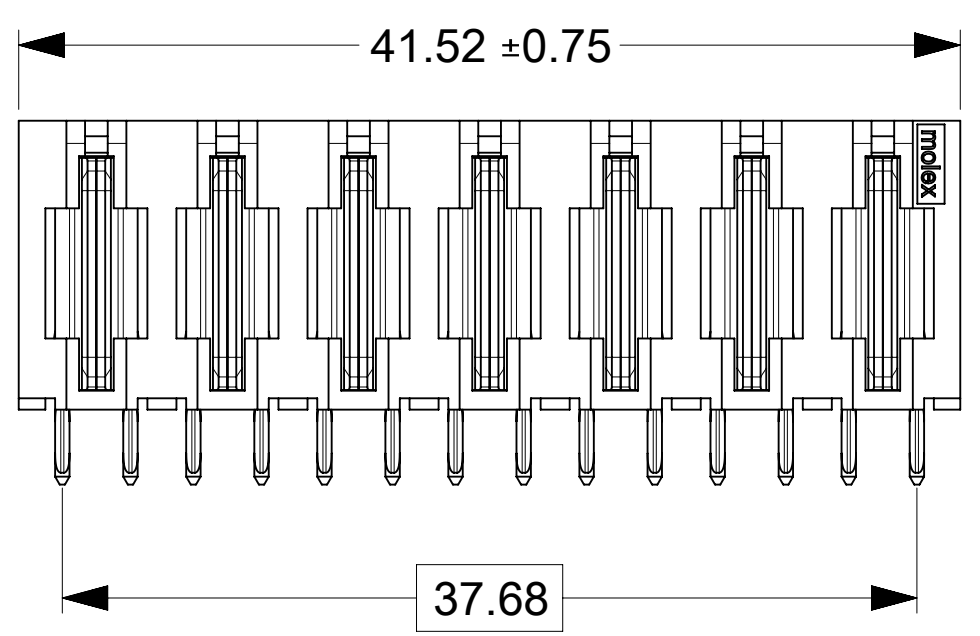
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0035	5P	144



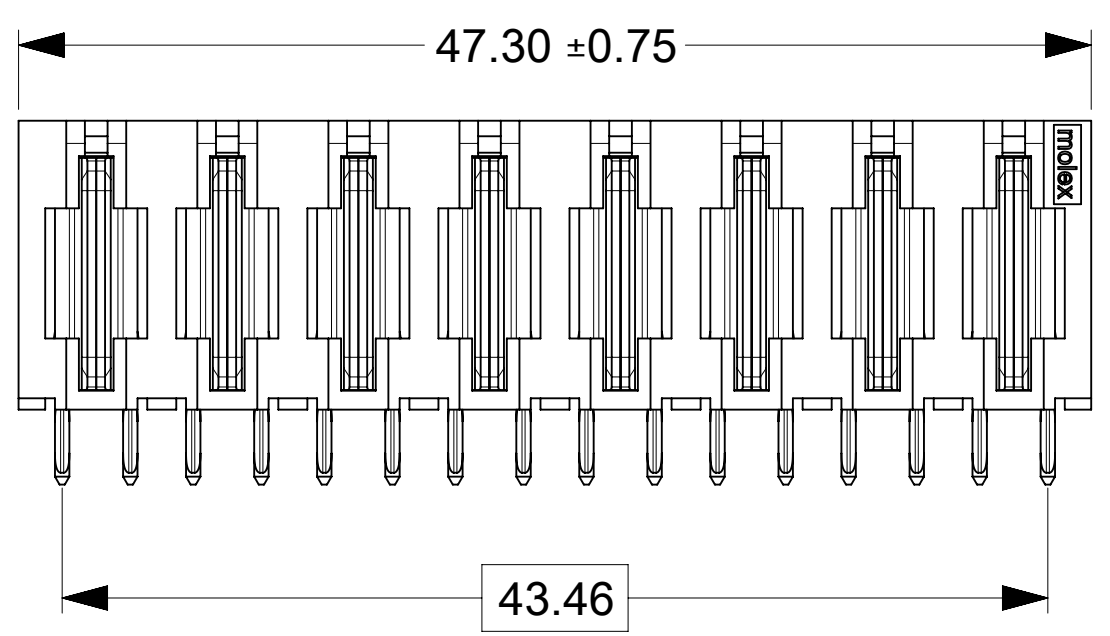
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0036	6P	112



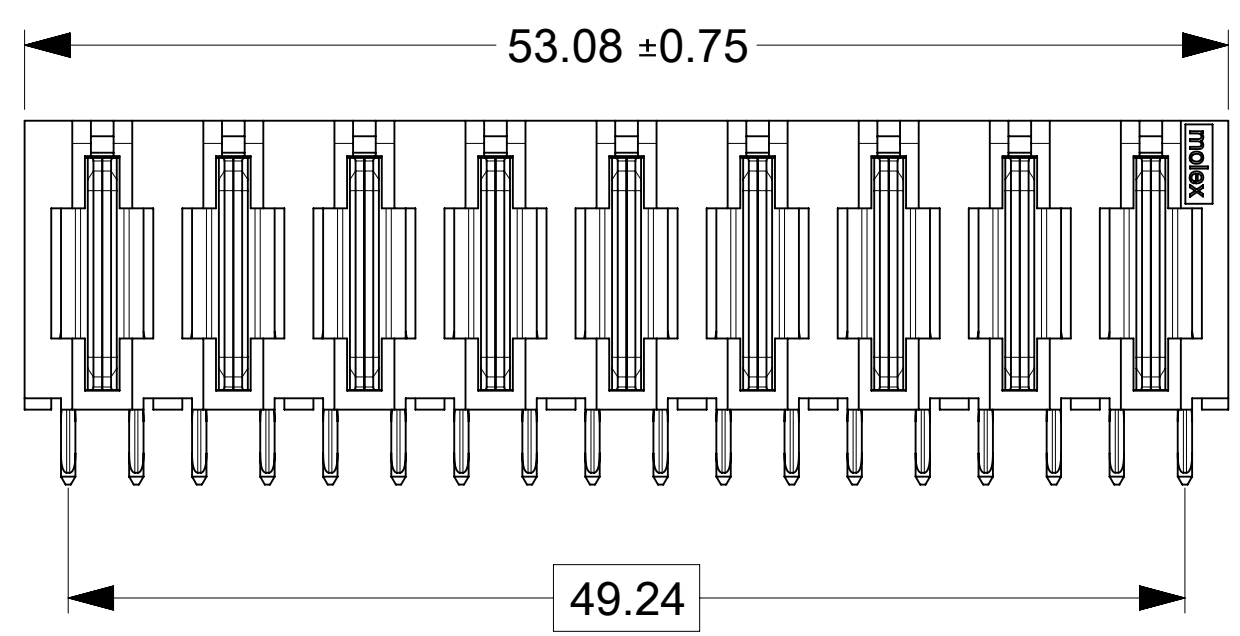
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0037	7P	96



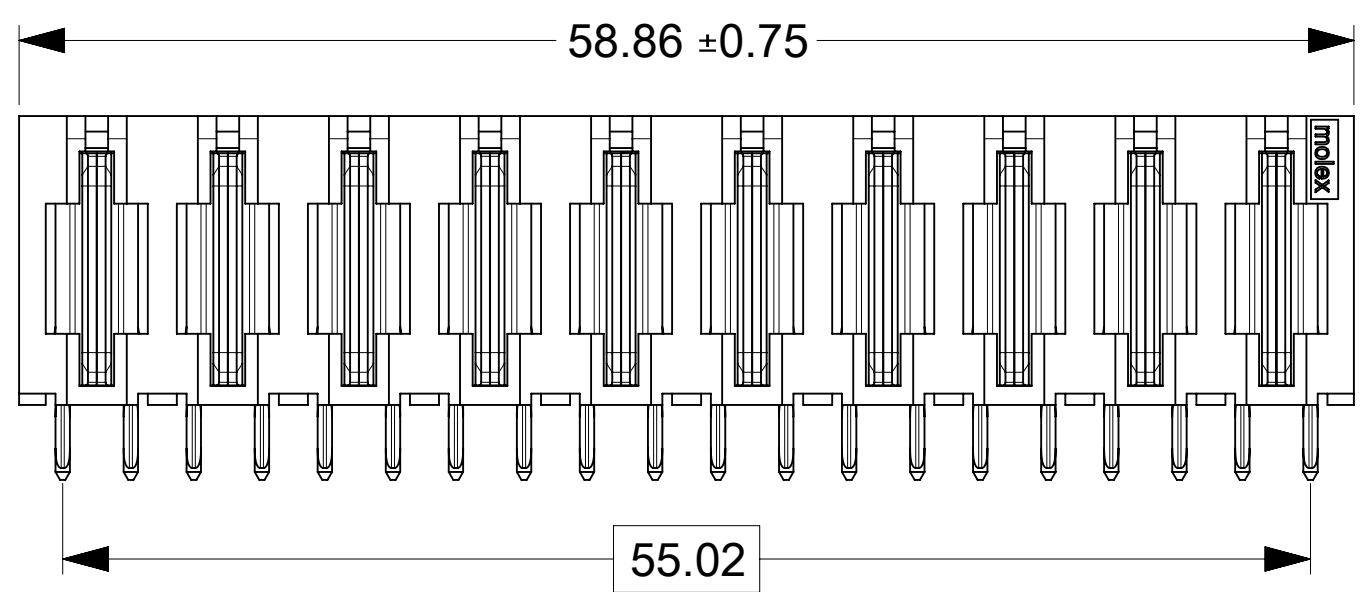
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0038	8P	96



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0039	9P	80



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0040	10P	64



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
			<b>D-SIZE</b>
		SERIES	MATERIAL NUMBER
		219562	SEE CHART
		CUSTOMER	SHEET NUMBER
			2 OF 2

# molex

GUARDIAN HD RA PLUG POWER ONLY  
UNGUIDED PF

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195629003-SD	PSD	000	A1

EC NO: 745288	2023/03/21
DRWN: LZABJANOVSKI	2023/04/10
CHK'D: JAYK1	2023/04/10
APPR: JAYK1	2023/04/10
INITIAL REVISION:	
DRWN: LZABJANOVSKI	2022/03/29
APPR: BPISZCZOR	2022/08/04