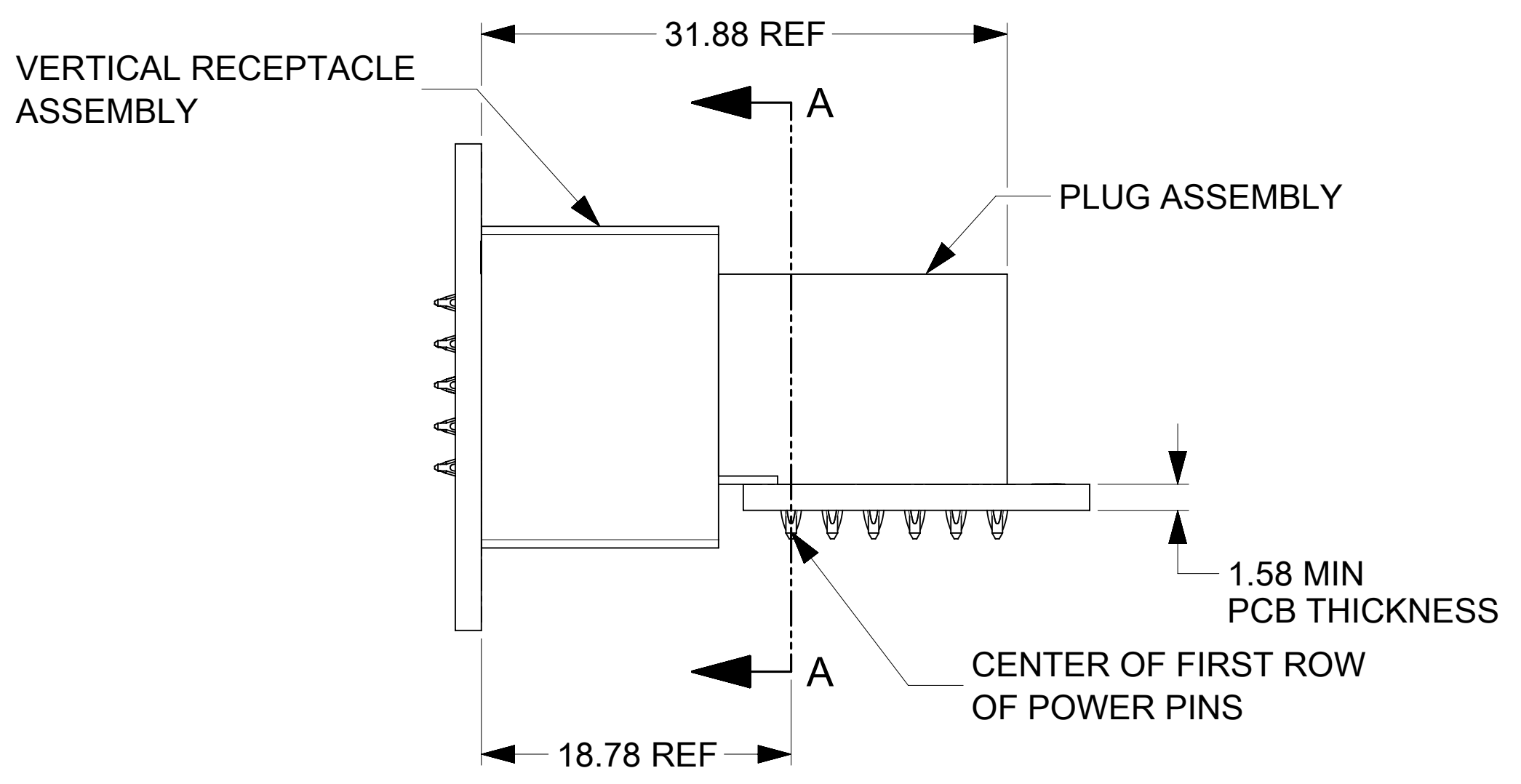
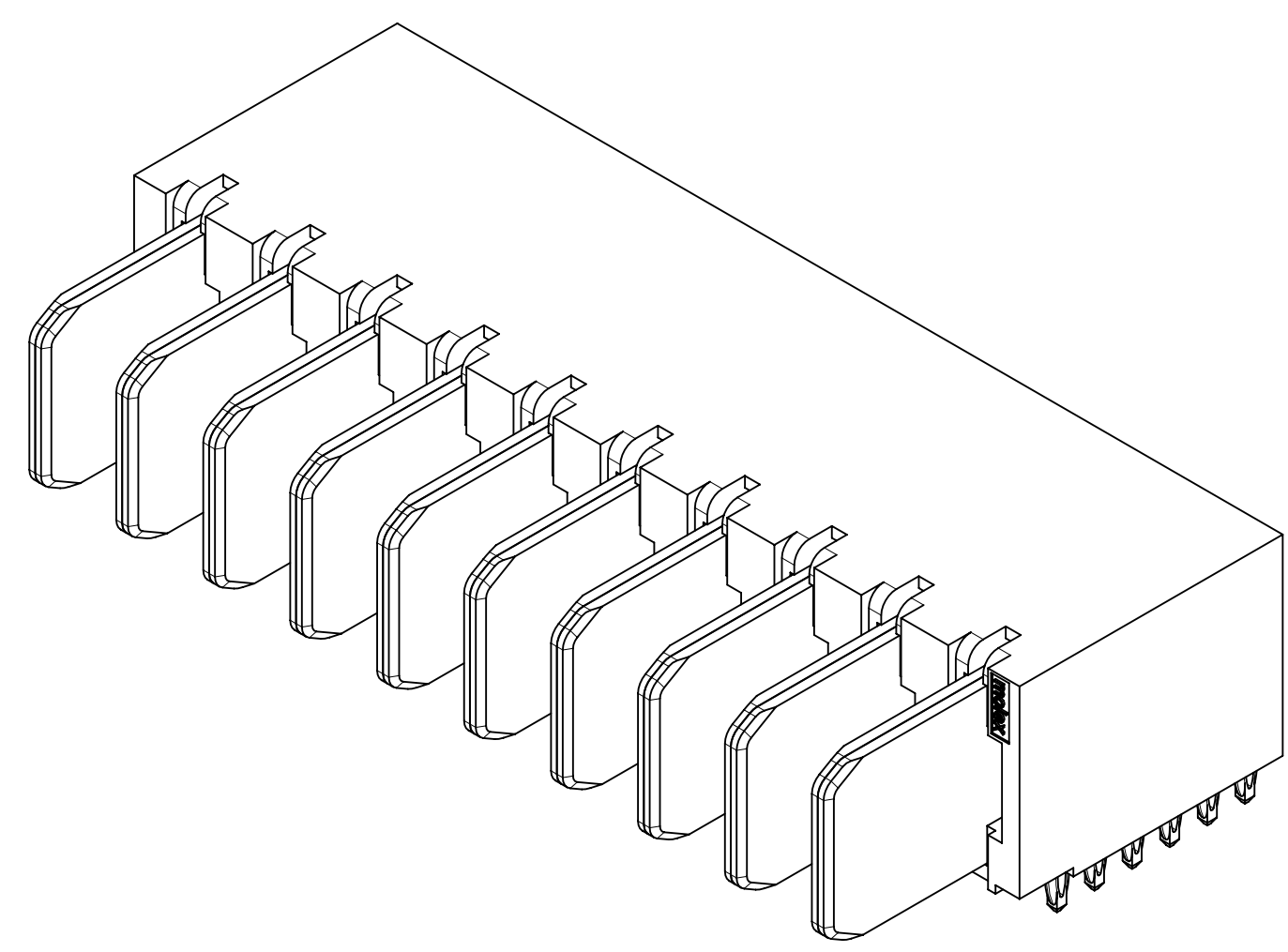
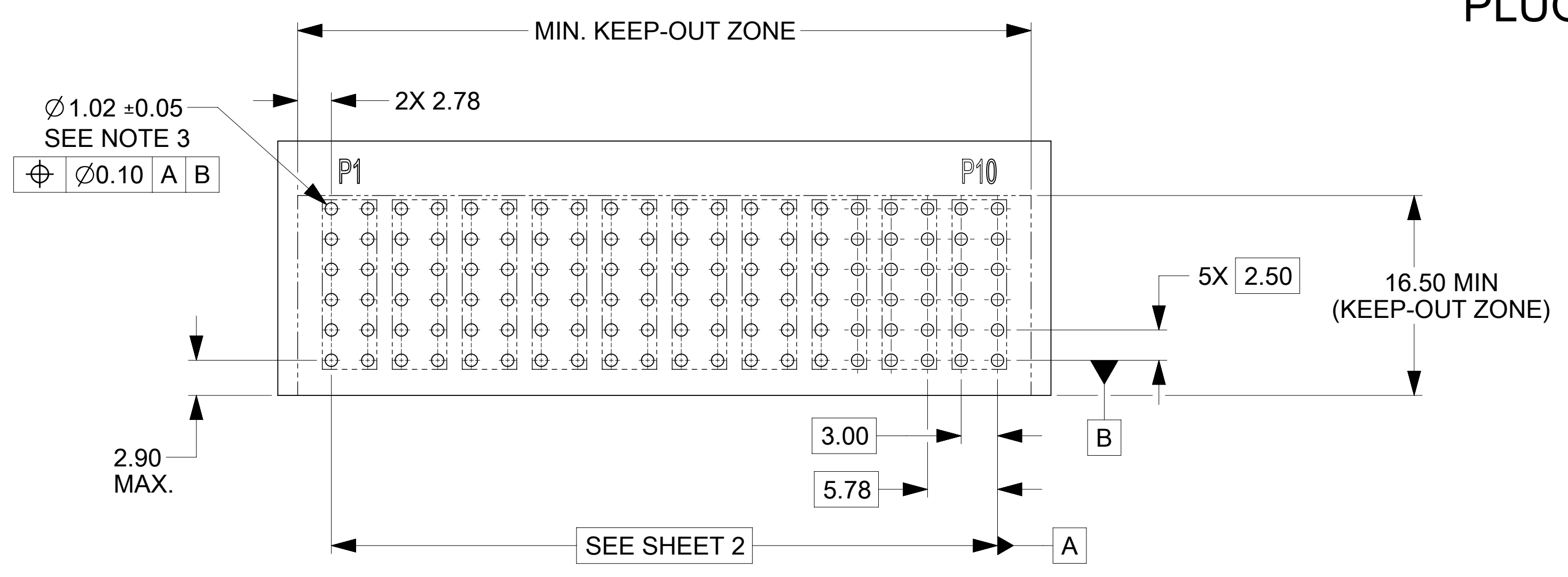
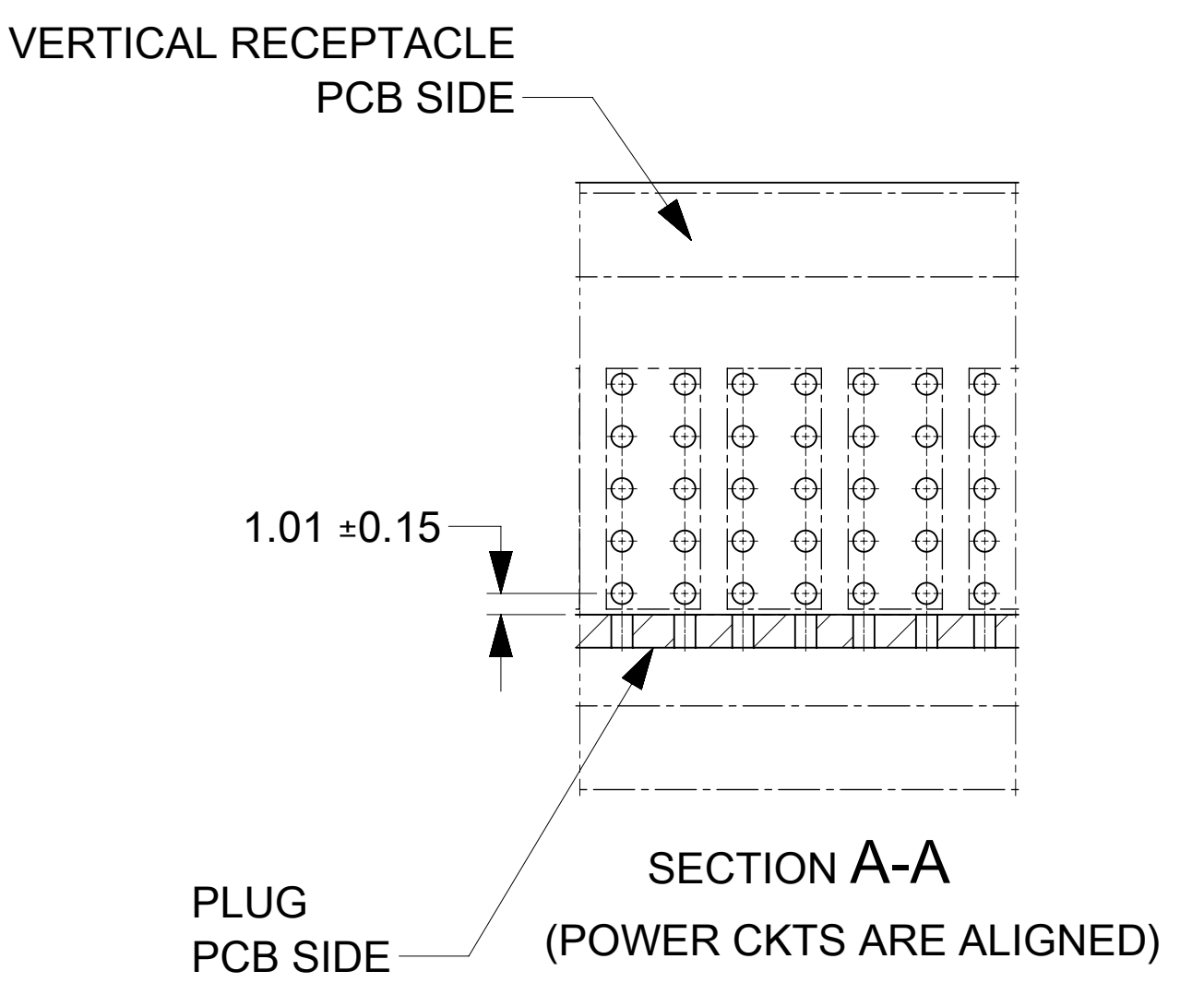


**PLUG MATED TO R/A RECEPTACLE
MATED PROFILE**



**PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE**

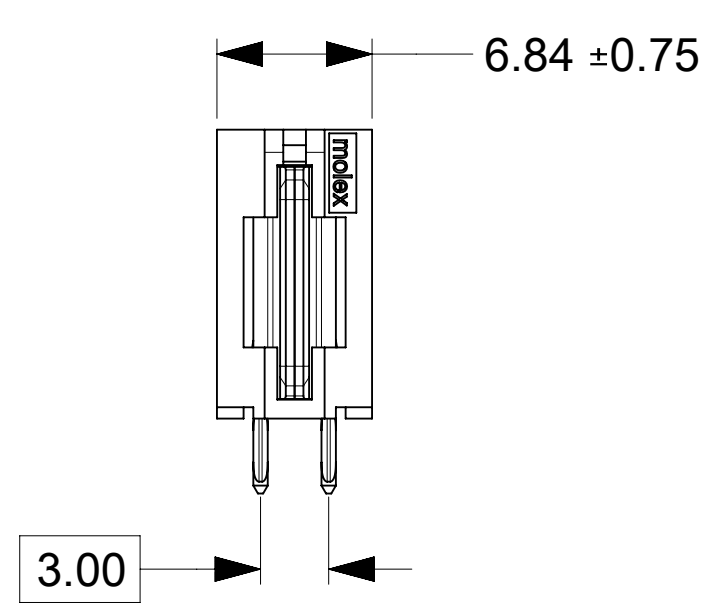


RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

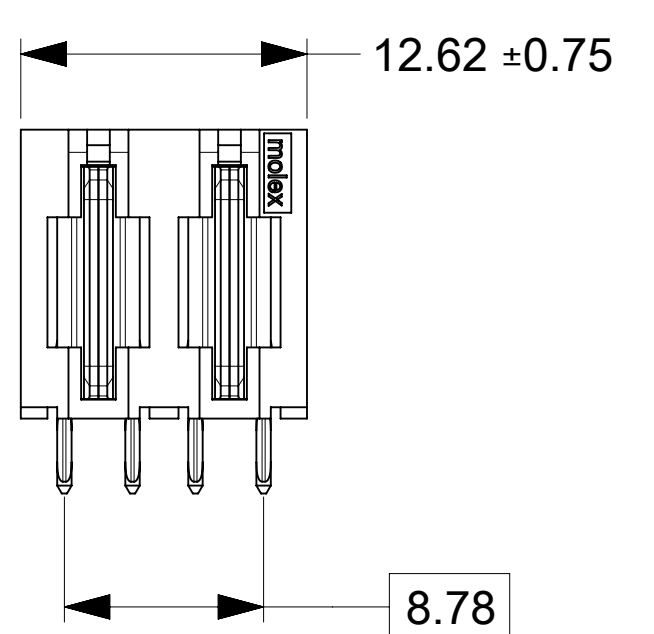
- NOTES:**
- MATERIAL:**
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 μm (50 μin) NICKEL OVERALL WITH 2.54 μm (100 μin) SELECTIVE TIN ON TAILS AND 0.762 μm (30 μin) SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING:** ASSEMBLIES TO BE TRAY PACKED PER 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		±		EC NO: 745288							
3 PLACES		±		DRWN: LZABJANOVSKI		2023/03/21					
2 PLACES		± 0.25		CHK'D: JAYK1		2023/04/10					
1 PLACE		± 0.3		APPR: JAYK1		2023/04/10					
0 PLACES		±		INITIAL REVISION:							
				DRWN: LZABJANOVSKI		2022/03/29					
				APPR: BPISZCZOR		2022/08/04					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		
					D-SIZE		219562		SEE CHART		
				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				2195629003-SD		PSD		000		A1	
				CUSTOMER		SHEET NUMBER					
						1 OF 2					

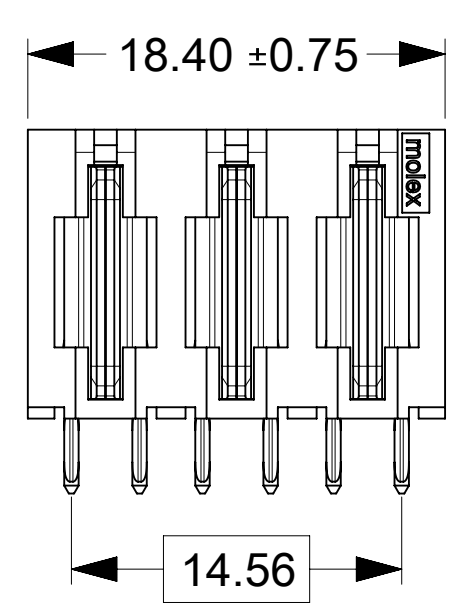
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0031	1P	656



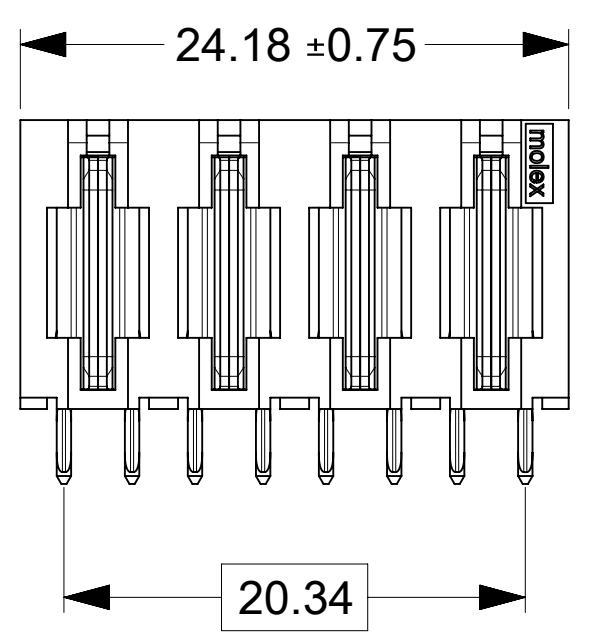
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219562-0032	2P	352



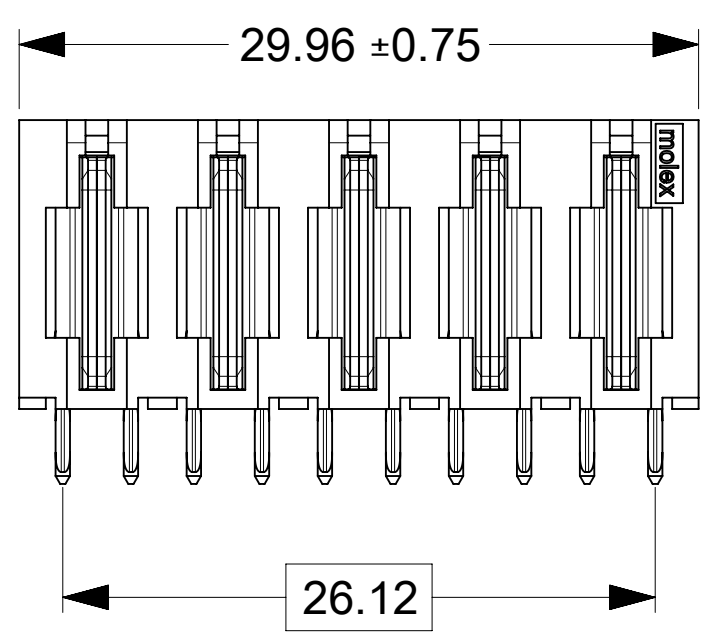
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0033	3P	240



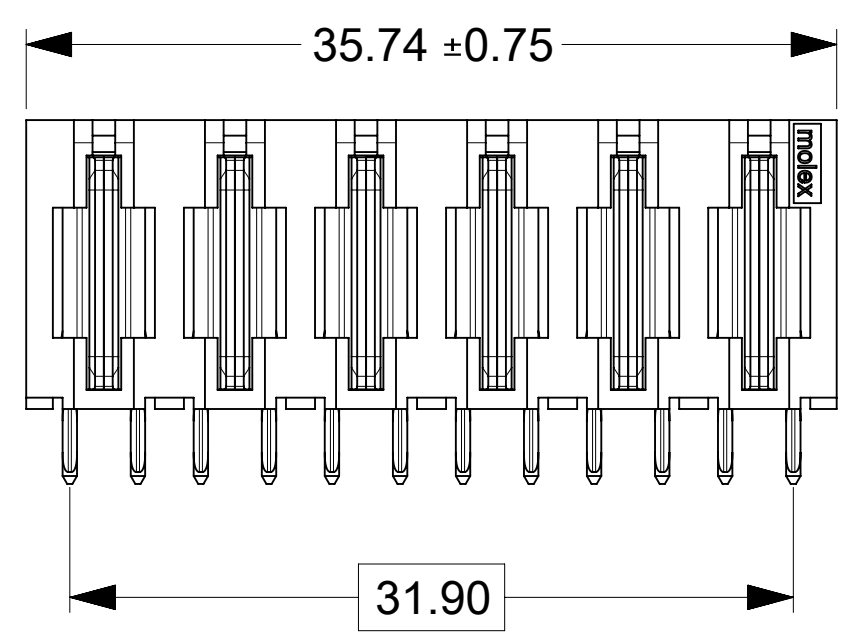
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0034	4P	176



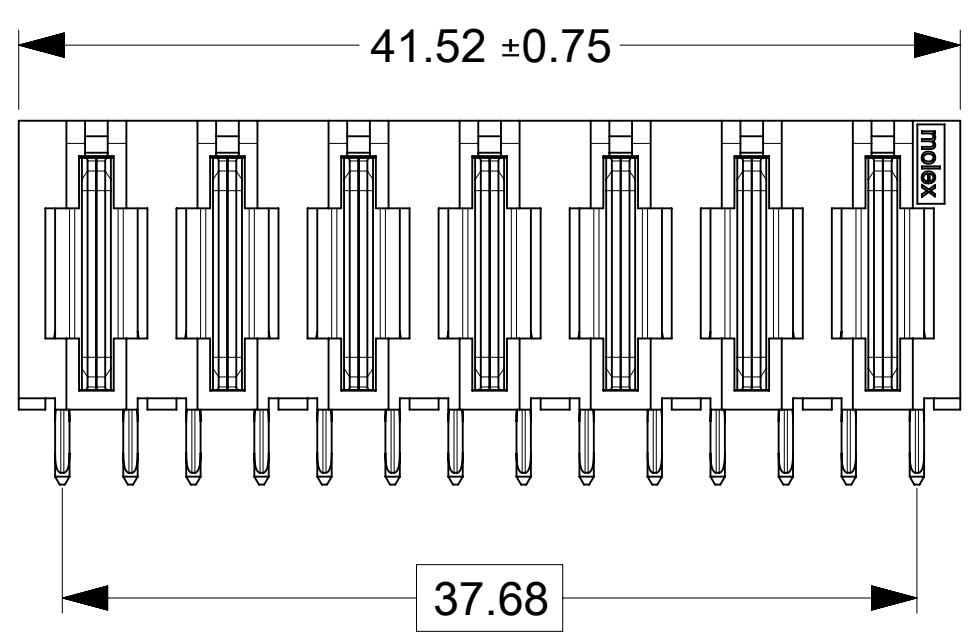
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0035	5P	144



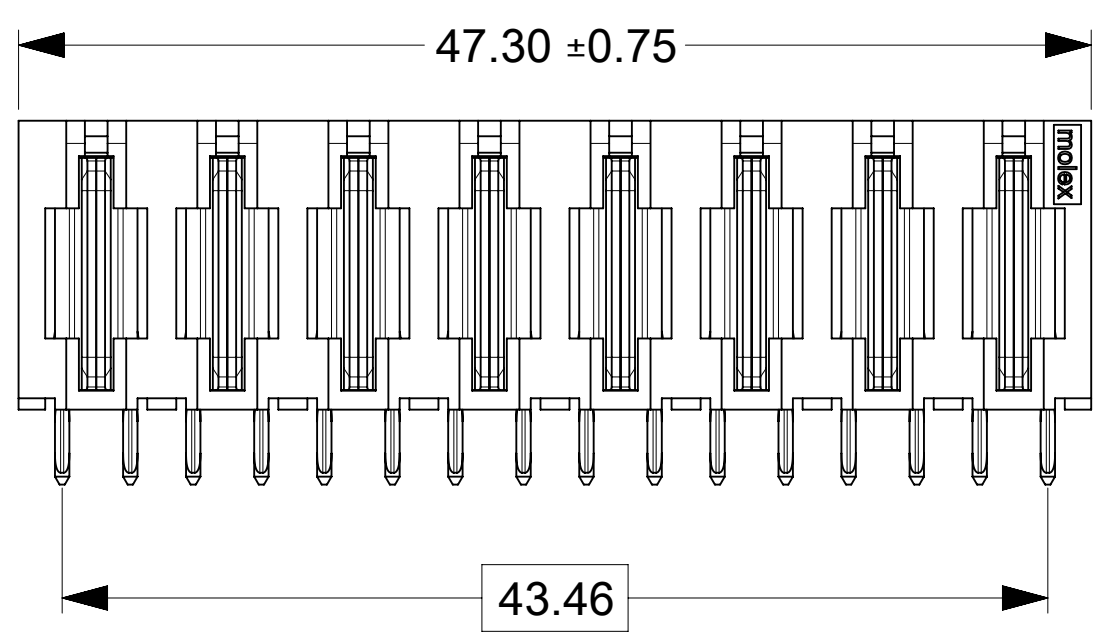
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0036	6P	112



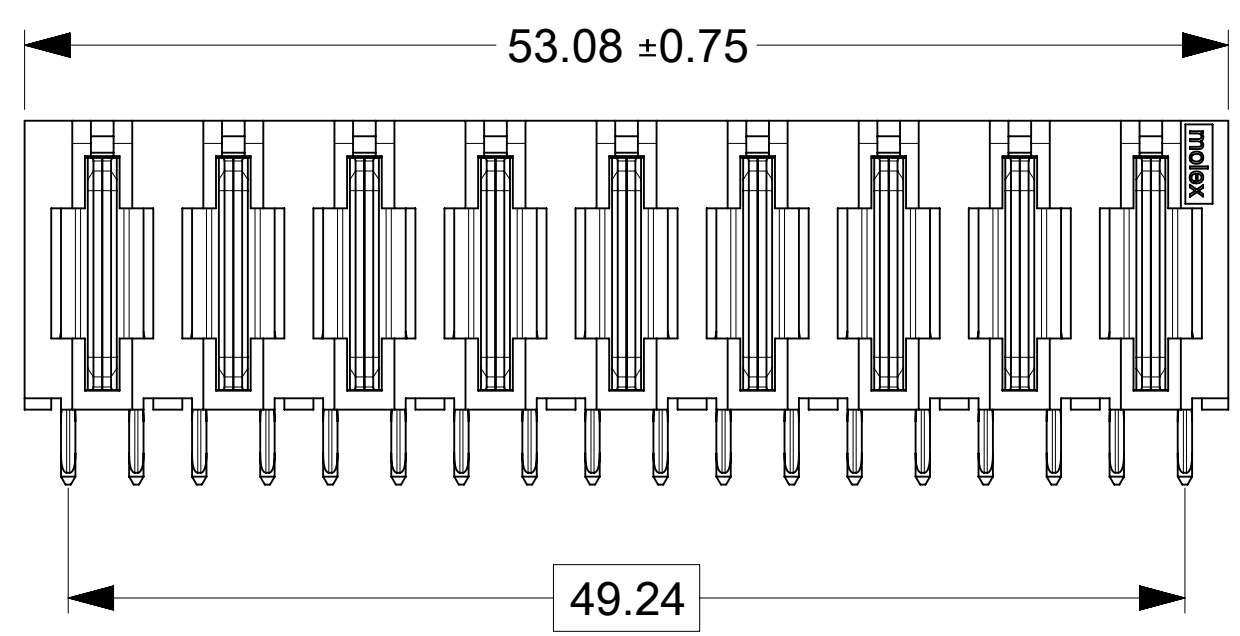
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0037	7P	96



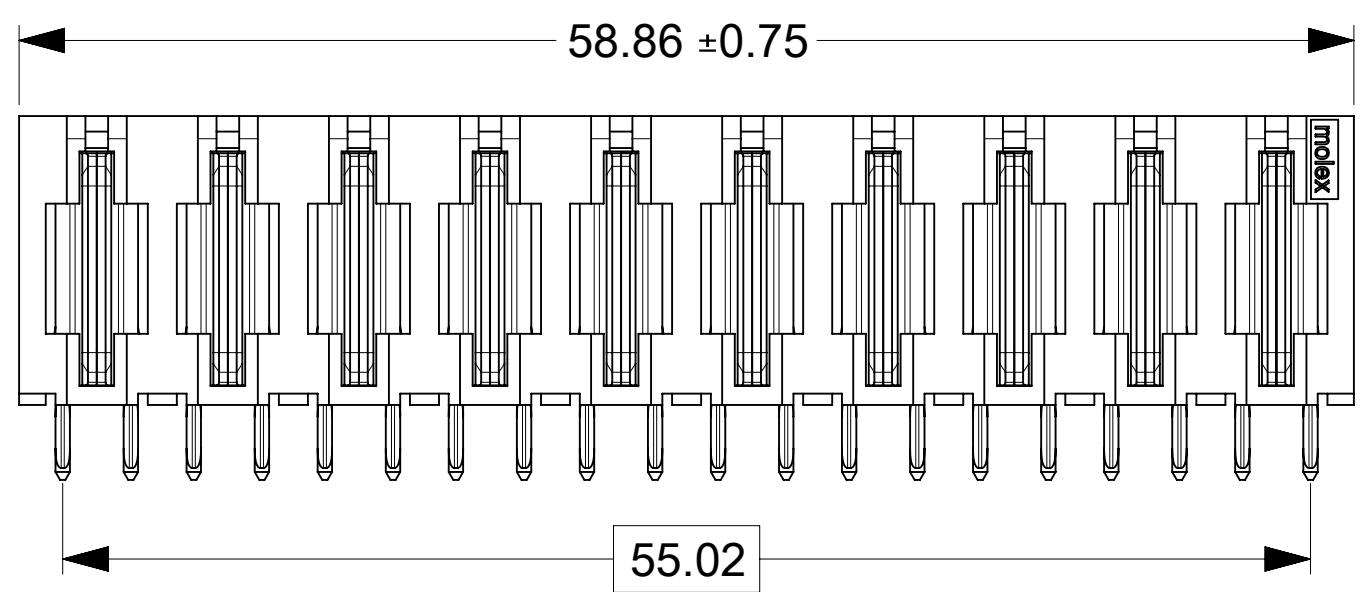
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0038	8P	96



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



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



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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	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
			D-SIZE	219562	SEE CHART		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

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