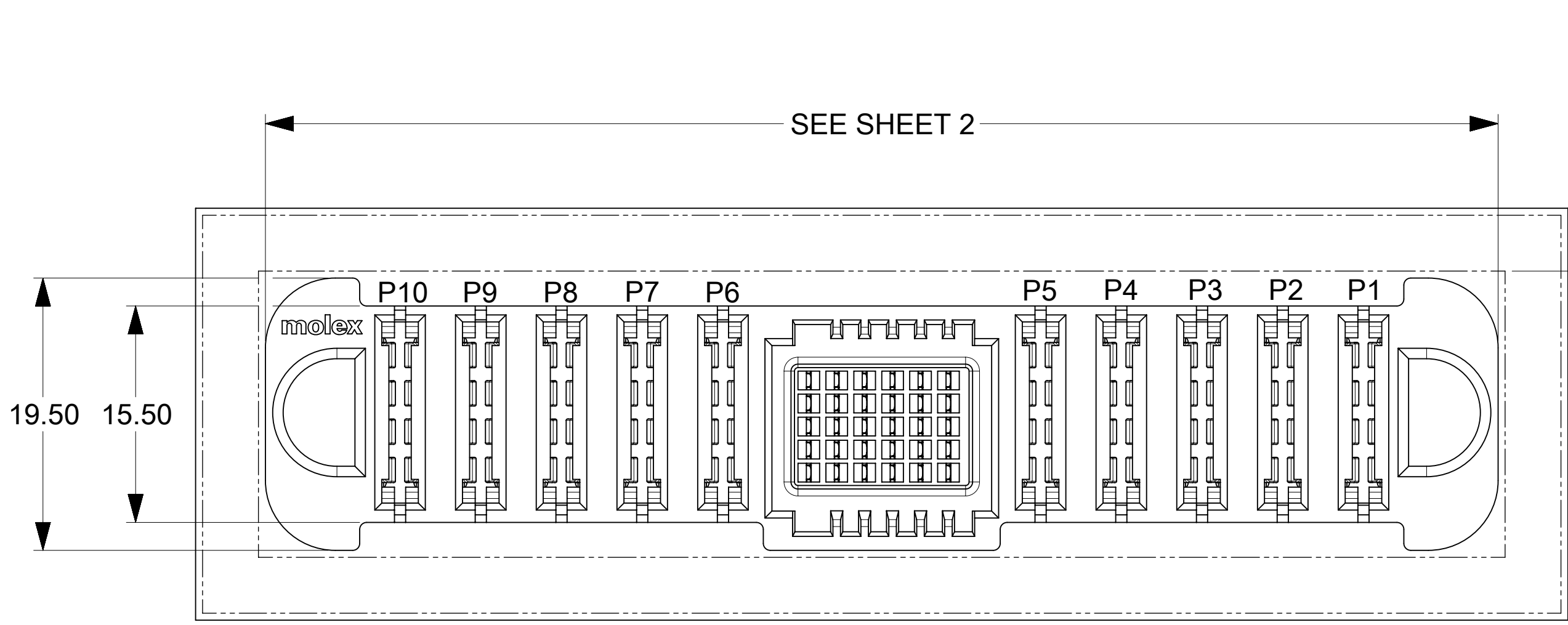
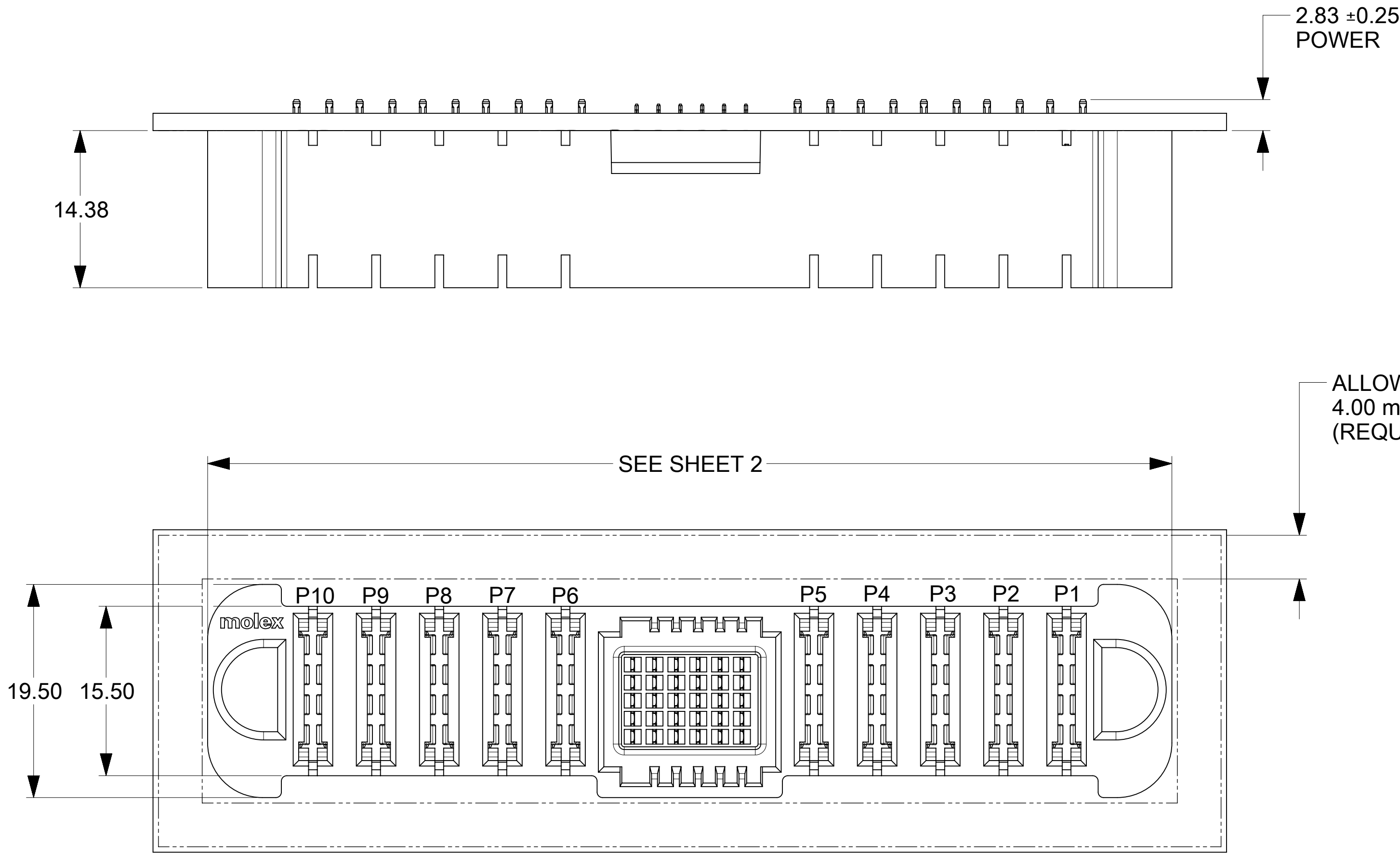
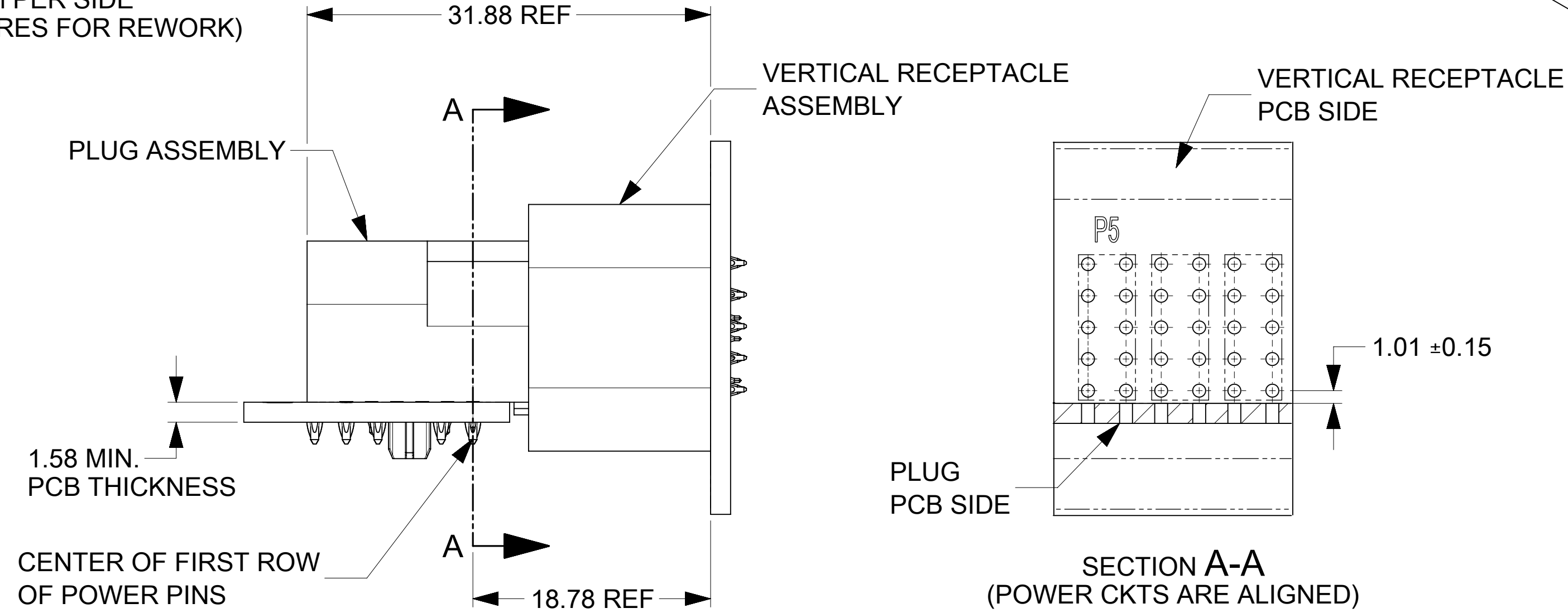
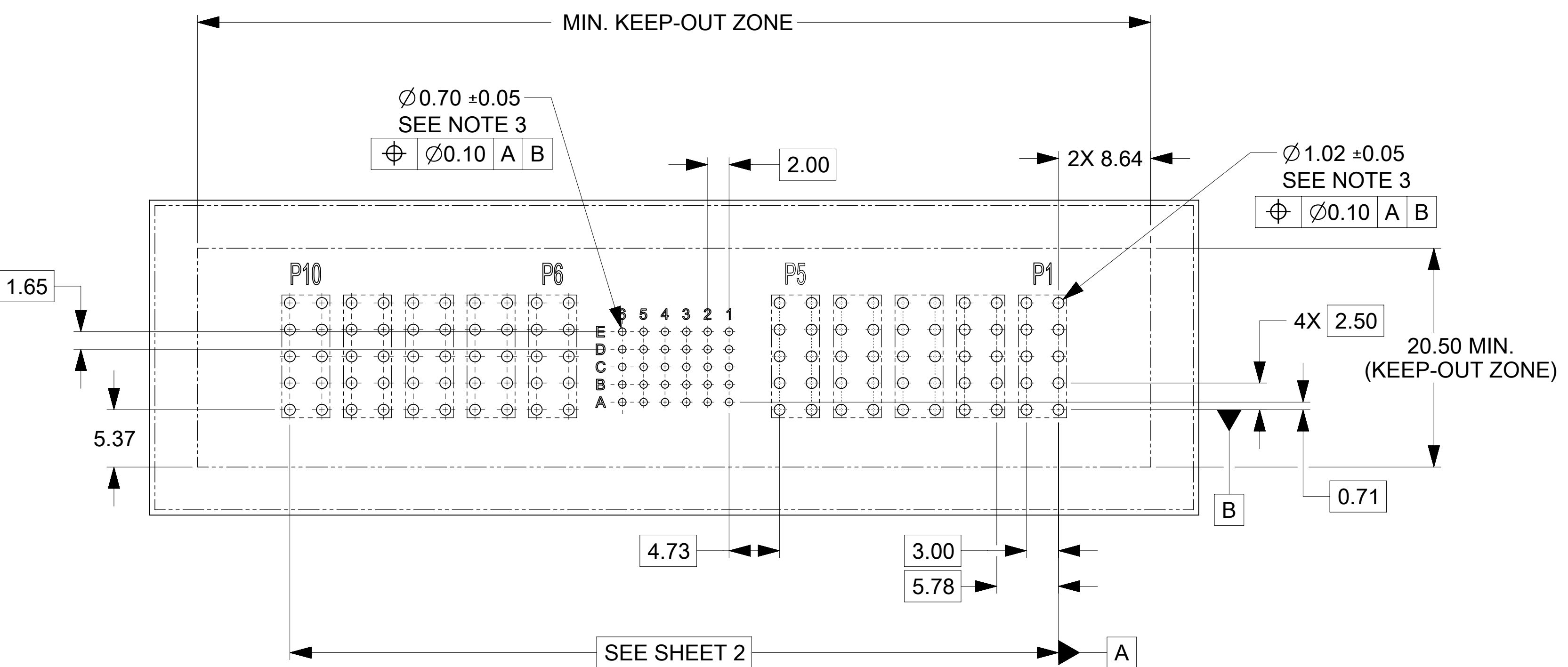




ALLOW EXTRA SPACE
4.00 mm PER SIDE
(REQUIRES FOR REWORK)

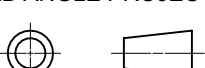


PLUG MATED TO VERTICAL RECEPTACLE MATED PROFILE



RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

- NOTES:
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 μ m (50 μ in) NICKEL OVERALL WITH 2.54 μ m (100 μ in) SELECTIVE TIN ON TAILS AND 0.762 μ m (30 μ in) SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 2141140001-PK.
 - PLATED THRU HOLE SIZE, REFER TO PRODUCT SPEC. FOR DETAILS.
 - PRODUCT SPEC: 2141130000-PS.
 - PRODUCT TO MEET RoHS REQUIREMENTS.
 - VERTICAL ASSEMBLY MATES TO MOLEX PLUG 219562XXXX-SD, SEE DRAWING 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)				molex GUARDIAN HD VREC DUAL POWER SIGNAL CENTER PF PRODUCT CUSTOMER DRAWING									
ANGULAR TOL ± °													
4 PLACES		±								EC NO: 745288		2023/03/23	
3 PLACES		±								DRWN: LZABJANOVSKI		2023/04/10	
2 PLACES		± 0.25								CHK'D: JAYK1		2023/04/10	
1 PLACE		± 0.3		APPR: JAYK1		2023/04/10		DOCUMENT NUMBER 2195639002-SD DOC TYPE PSD DOC PART 000 REVISION A2					
0 PLACES		±		INITIAL REVISION:									
				DRWN: LZABJANOVSKI		2022/03/31							
				APPR: BPISZCZOR		2022/08/04							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES					
						D-SIZE		219563					
						MATERIAL NUMBER		CUSTOMER					
						SEE CHART							
								SHEET NUMBER					
								1 OF 2					

molex

GUARDIAN HD VREC DUAL POWER
SIGNAL CENTER PF

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195639002-SD	PSD	000	A2

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11	17:05:26
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