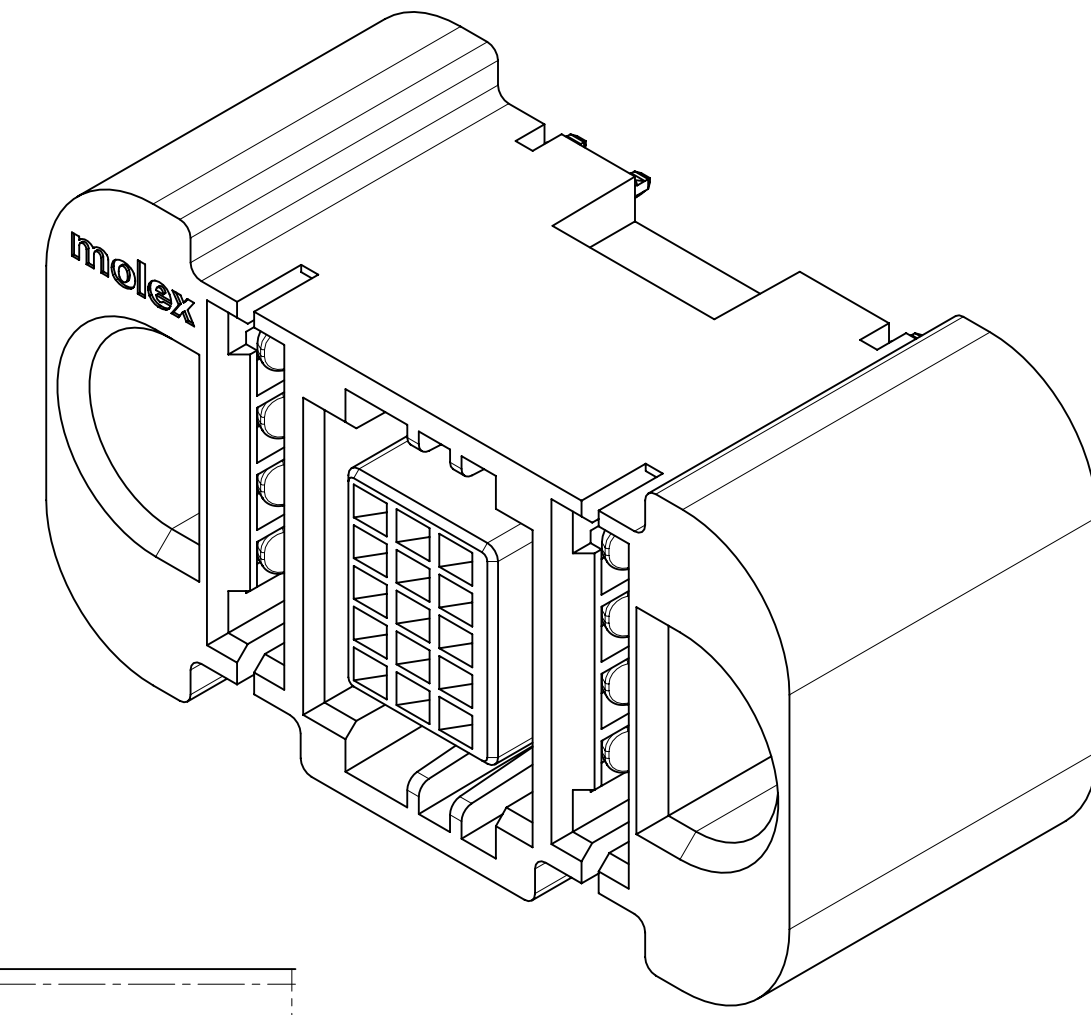


VERTICAL RECEPTACLE
PCB SIDE

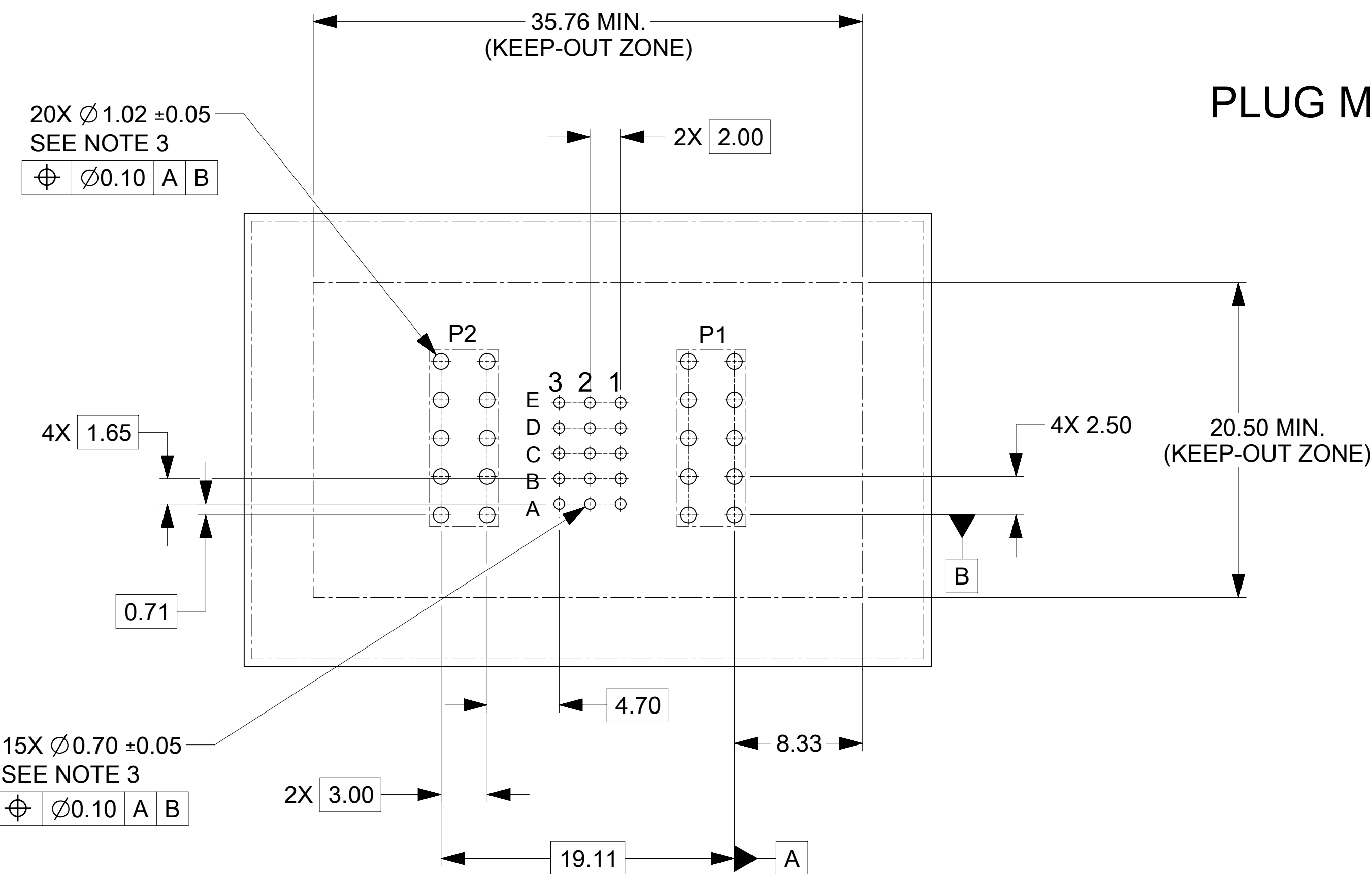
VERTICAL RECEPTACLE
ASSEMBLY

PLUG
PCB SIDE

SECTION A-A
(POWER CKTS ARE ALIGNED)















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: 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 2141130011-SD, SEE DRAWING FOR DETAILS.
- TAIL DESIGN: COMPLIANT PIN.
- POWER TERMINALS AND SIGNALS ARE LUBRICATED.
- APPLICATION SPECIFICATION: 2141130000-AS (FOR COMPLIANT TAILS ONLY).

RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:			<div>molex</div>					
	mm		4:1										
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 751624			VERT RECEPT CENTER ASSY G+1P+15S+1P+G GUARDIAN HD					
 = 0	ANGULAR TOL ± °												
 = 0	4 PLACES		±		DRWN: LZABJANOVSKI 2021/01/11			PRODUCT CUSTOMER DRAWING					
 = 0	3 PLACES		±		CHK'D: JAYK1 2023/06/01								
 = 0	2 PLACES		± 0.25		APPR: JAYK1 2023/06/01								
 = 0	1 PLACE		± 0.3		INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
 = 0	0 PLACES		±		DRWN: RMV02 2020/02/07			2141140002-SD		PSD	000	C	
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
 = 0								D-SIZE 214114	2141140002				1 OF 1