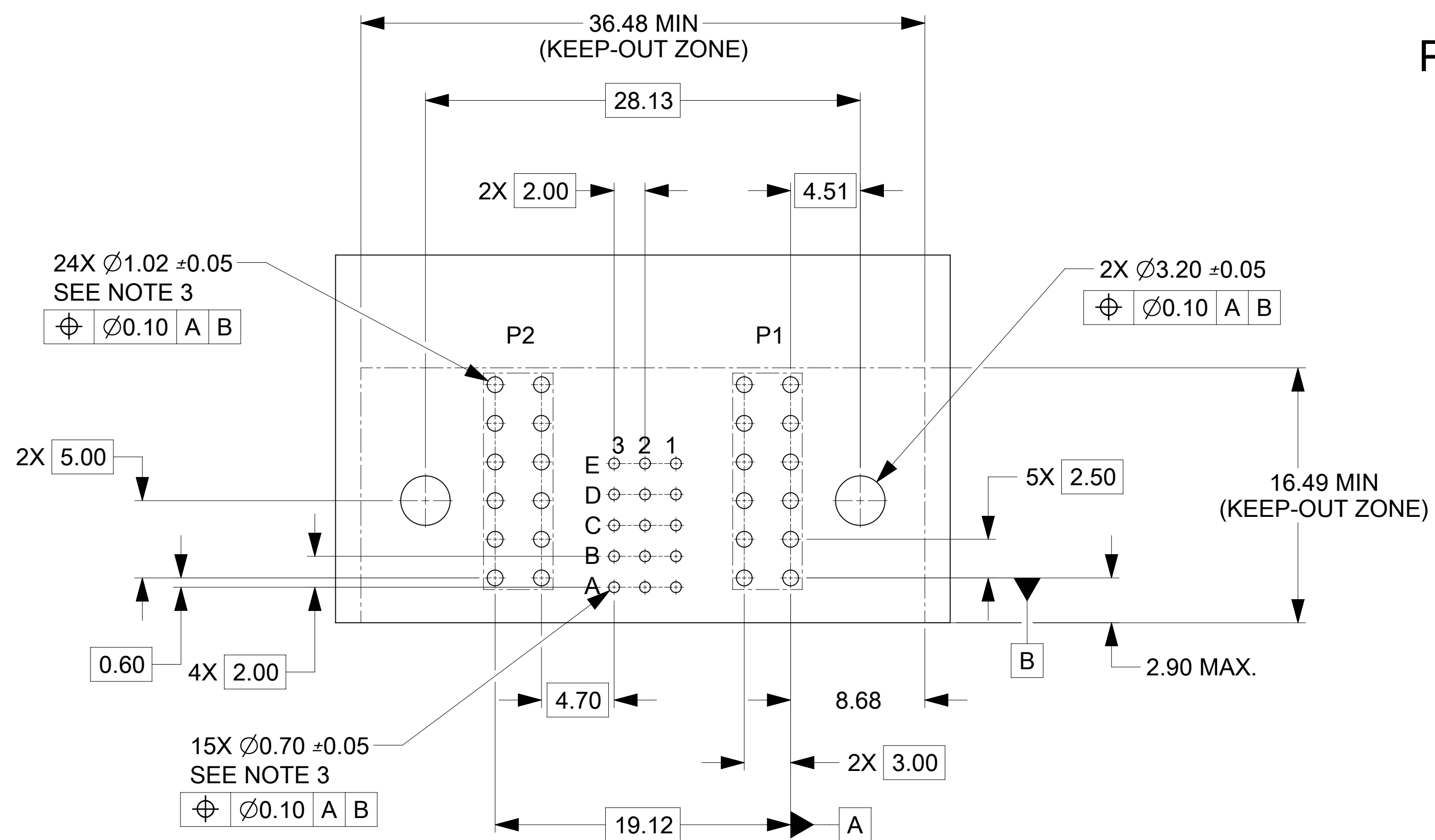


**PLUG MATED TO R/A RECEPTACLE  
MATED PROFILE**



**NOTES:**

- MATERIAL:**
  - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
  - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
  - PLATING: 1.27  $\mu\text{m}$  (50  $\mu\text{in}$ ) NICKEL OVERALL WITH 2.54  $\mu\text{m}$  (100  $\mu\text{in}$ ) SELECTIVE TIN ON TAILS AND 0.762  $\mu\text{m}$  (30  $\mu\text{in}$ ) SELECTIVE GOLD ON CONTACT AREA
- PACKAGING:** ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 2141150010-PK.
- PLATED THRU HOLE SIZE,** REFER TO PRODUCT SPEC. FOR DETAILS.
- PRODUCT SPEC:** 2141130000-PS.
- PRODUCT TO MEET RoHS REQUIREMENTS.**
- R/A RECEPTACLE 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		CURRENT REV DESC:		<b>molex</b>	
DIMENSION UNITS	SCALE	mm	4:1				
$\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 636917		R/A RECEPT CNTR ASSY G+1P+15S+1P+G COMPLAINT PIN GUARDIAN BTB POWER FAMILY	
$\nabla = 0$	ANGULAR TOL	$\pm$	$^{\circ}$	DRWN: LZABJANOVSKI	2020/05/01	PRODUCT CUSTOMER DRAWING	
$\nabla = 0$	4 PLACES	$\pm$		CHK'D: BPISZCZOR	2020/06/18	DOCUMENT NUMBER	
$\nabla = 0$	3 PLACES	$\pm$		APPR: BPISZCZOR	2020/06/18	DOC TYPE DOC PART REVISION	
$\nabla = 0$	2 PLACES	$\pm$	0.25	INITIAL REVISION:		2141150011-SD	
$\nabla = 0$	1 PLACE	$\pm$	0.3	DRWN: RMV02	2020/02/18	PSD 000 B	
$\nabla = 0$	0 PLACES	$\pm$		APPR: BPISZCZOR	2020/04/22	SHEET NUMBER	
$\nabla = 0$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
$\nabla = 0$		D-SIZE		214115	2141150011	1 OF 1	