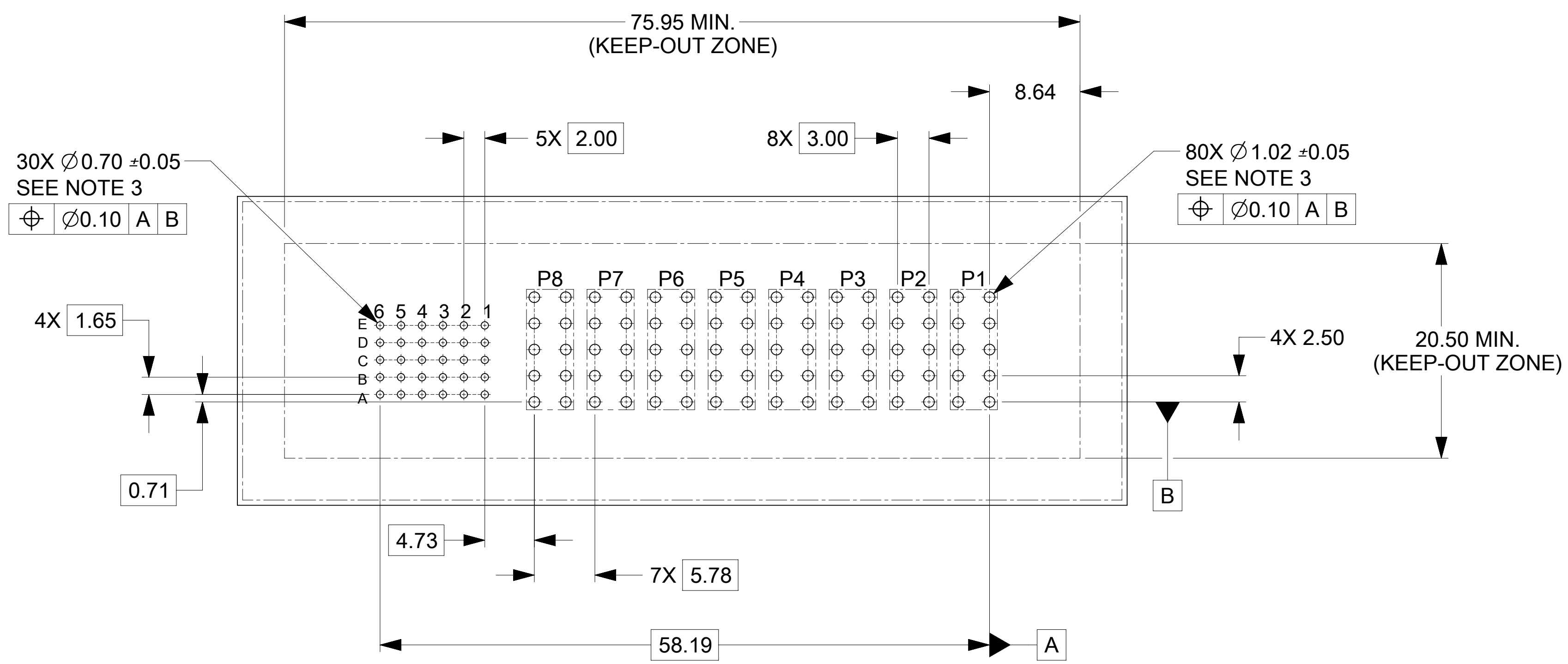


**PLUG MATED TO VERTICAL RECEPTACLE  
MATED PROFILE**



**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: 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 2141130010-SD, SEE DRAWING FOR DETAILS.**
  - TAIL DESIGN:** COMPLIANT PIN.
  - POWER TERMINALS AND SIGNALS ARE LUBRICATED.**
  - APPLICATION SPECIFICATION:** 2141130000-AS (FOR COMPLIANT TAILS ONLY).

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			
▽ = 0	mm	3:1			VERT RECEPTACLE RIGHT ASSY G+8P+30S+G GUARDIAN BTB POWER FAMILY
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				
▽ = 0	ANGULAR TOL ± °				PRODUCT CUSTOMER DRAWING
▽ = 0	4 PLACES	±			
▽ = 0	3 PLACES	±			DOCUMENT NUMBER
▽ = 0	2 PLACES	± 0.25			
▽ = 0	1 PLACE	± 0.3			DOC TYPE
▽ = 0	0 PLACES	±			
□ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DOC PART
▽ = 0	THIRD ANGLE PROJECTION				
			DRAWING		REVISION
			D-SIZE		
			SERIES		2141140001-SD
			214114		
			MATERIAL NUMBER		PSD
			2141140001		
			CUSTOMER		000
			SHEET NUMBER		B
			1 OF 1		