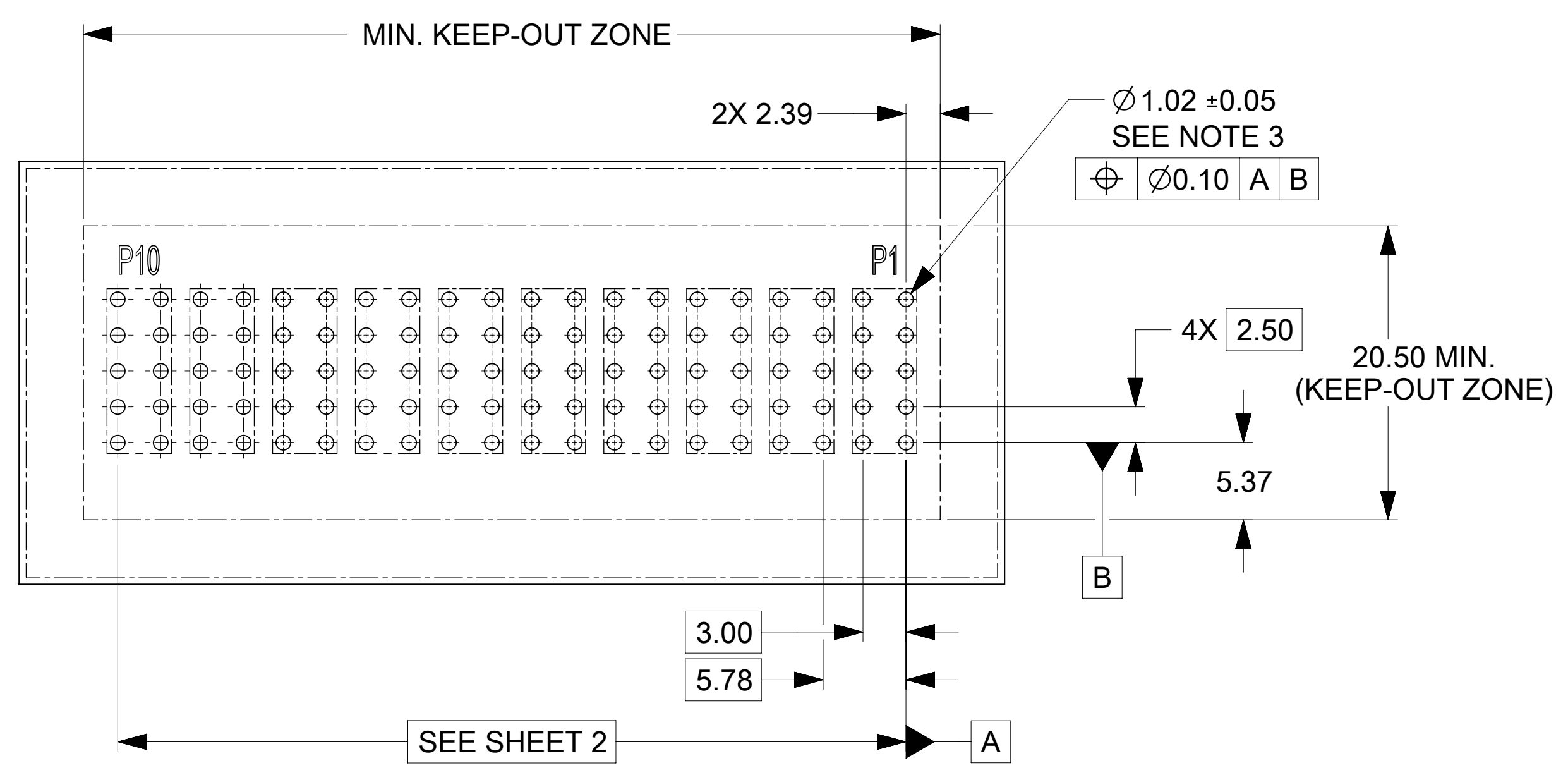


### PLUG MATED TO VERTICAL RECEPTACLE MATED PROFILE



- 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 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)									
ANGULAR TOL ± °									
4 PLACES		±		EC NO: 745288					
3 PLACES		±		DRWN: LZABJANOVSKI		2023/03/23			
2 PLACES		± 0.25		CHK'D: JAYK1		2023/04/10			
1 PLACE		± 0.3		APPR: JAYK1		2023/04/10			
0 PLACES		±		INITIAL REVISION:					
DRAFT WHERE APPLICABLE		MUST REMAIN WITHIN DIMENSIONS		DRWN: LZABJANOVSKI		2022/03/30		2022/08/04	
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
D-SIZE		219563		SEE CHART					



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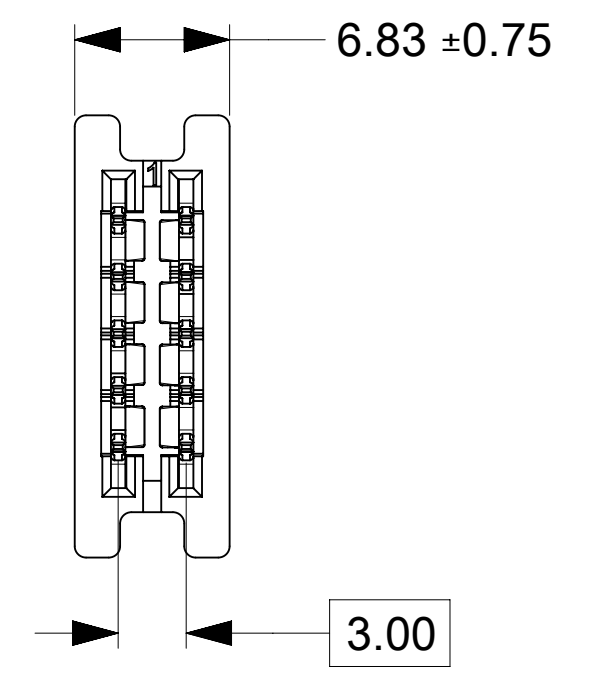
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195639003-SD	PSD	000	A2

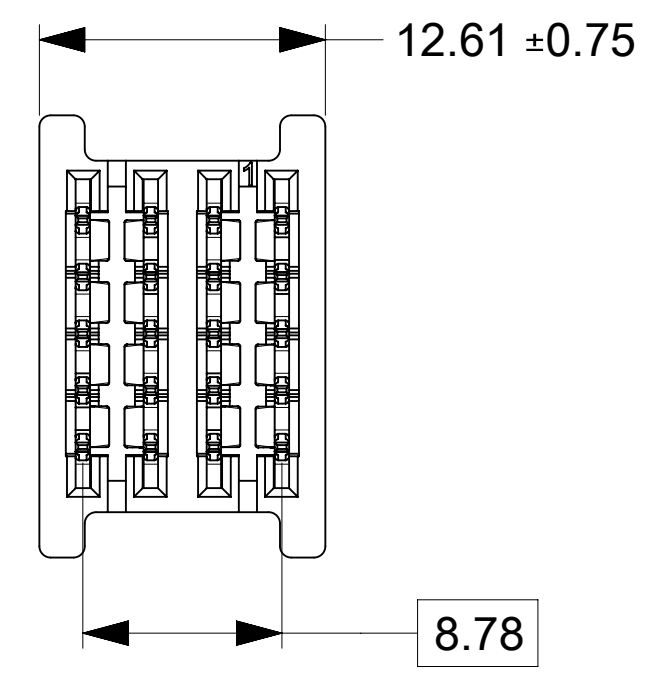
### RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11	17:05:26
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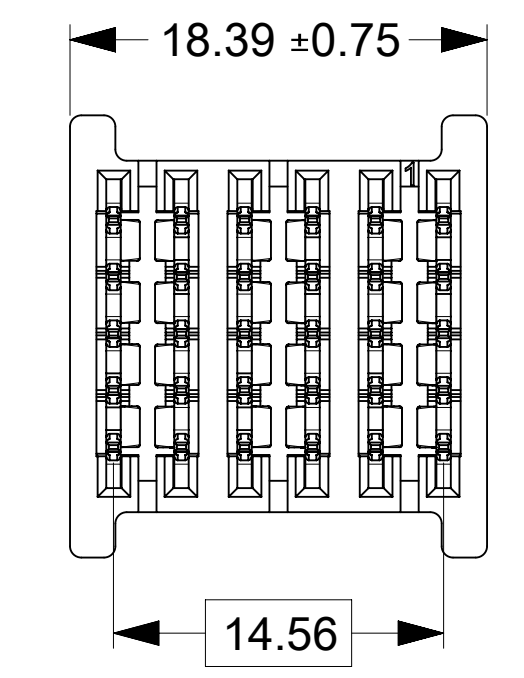
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0031	1P	820



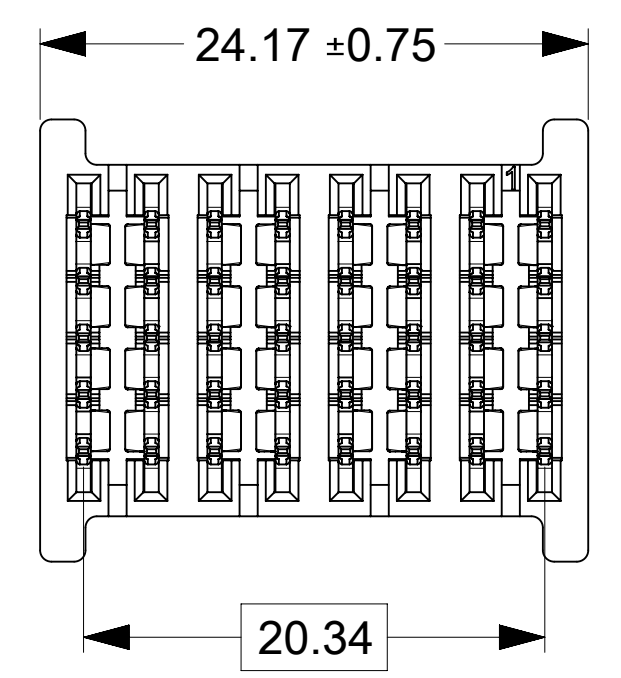
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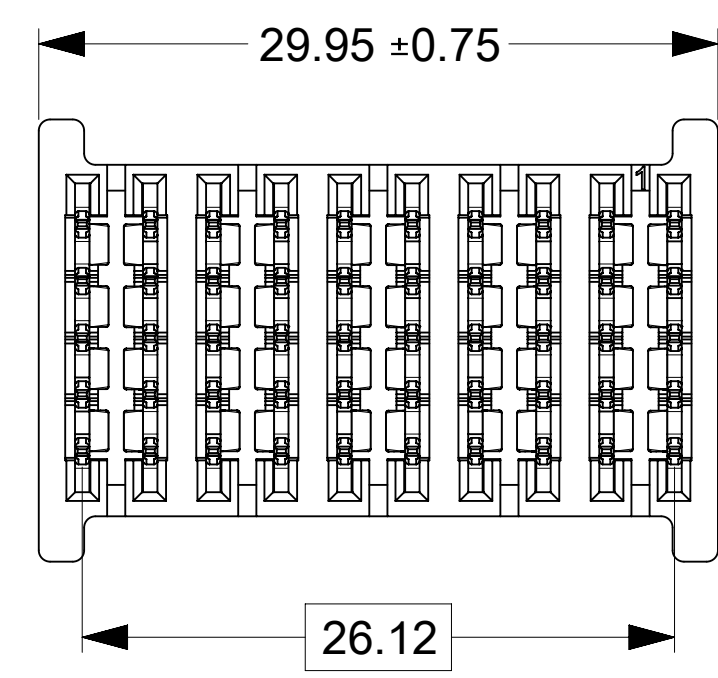
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219563-0033	3P	300



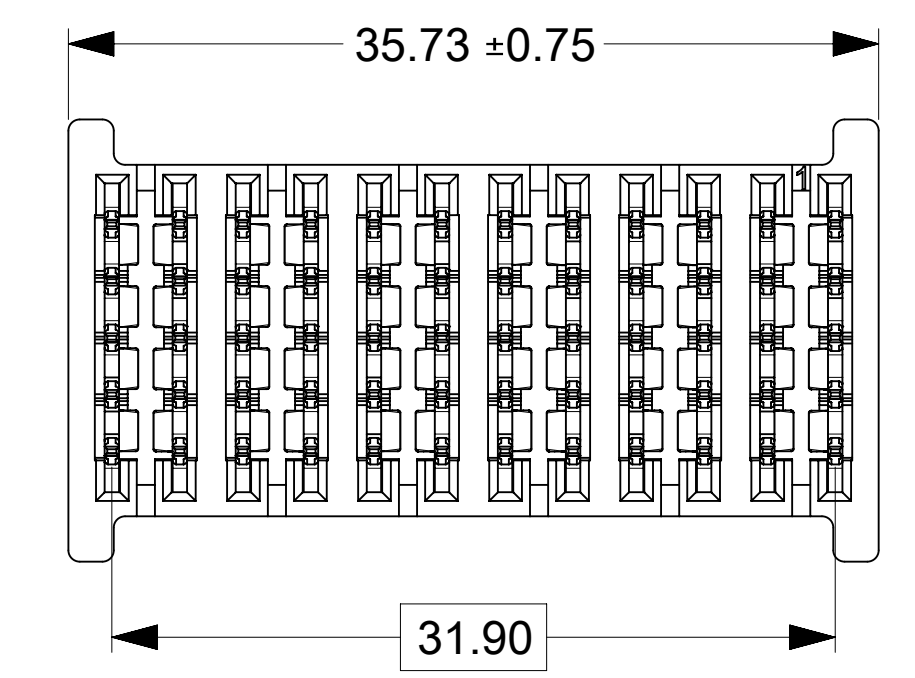
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0034	4P	220



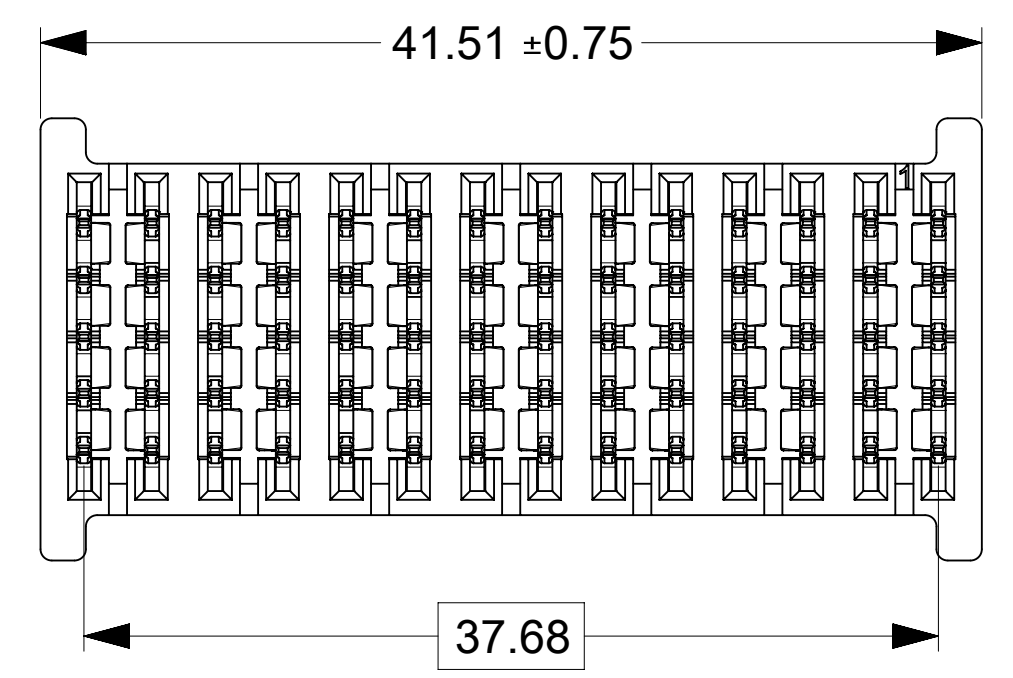
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219563-0035	5P	180



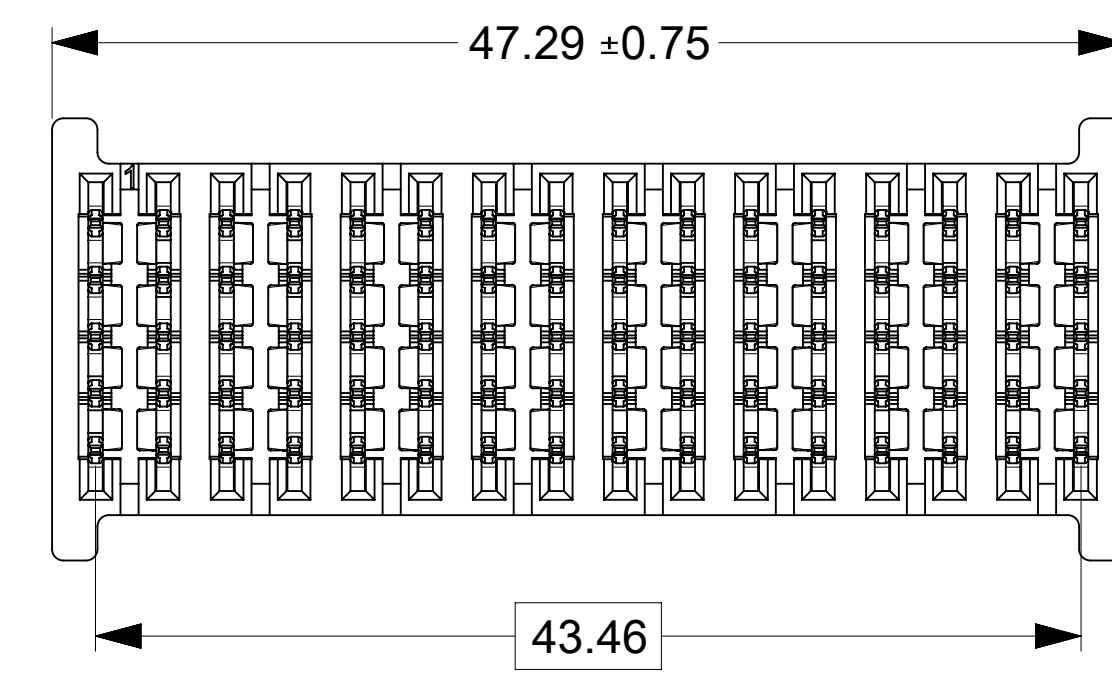
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219563-0036	6P	140



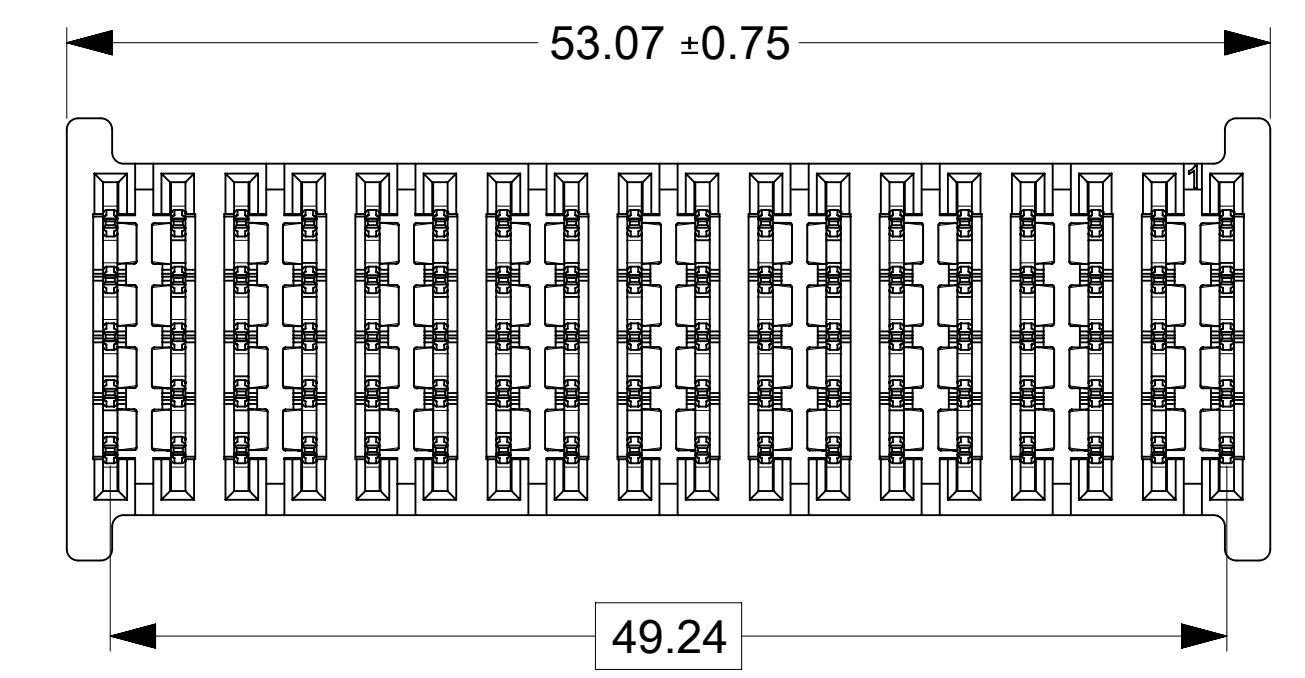
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219563-0037	7P	120



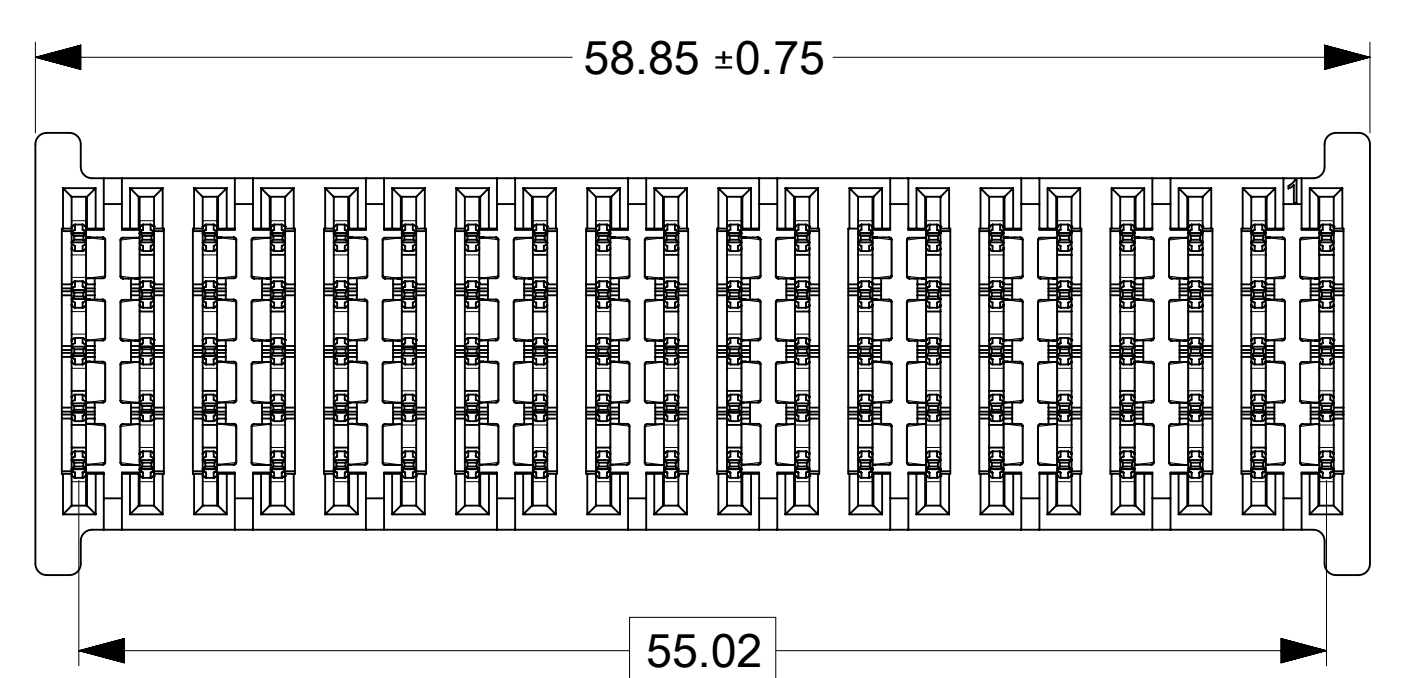
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0038	8P	100



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0039	9P	100



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0040	10P	80



**\* VIEWS SHOWN ON THIS SHEET ARE FROM THE BOTTOM OF THE CONNECTOR**

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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	
EC NO: 745288		DRWN: LZABJANOVSKI		2023/03/23		CHK'D: JAYK1		2023/04/10		APPR: JAYK1	
INITIAL REVISION:		DRWN: LZABJANOVSKI		2022/03/30		APPR: BPISZCZOR		2022/08/04		THIRD ANGLE PROJECTION	
DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
D-SIZE		219563		SEE CHART				2 OF 2			

**molex**

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UNGUIDED PF

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195639003-SD	PSD	000	A2

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