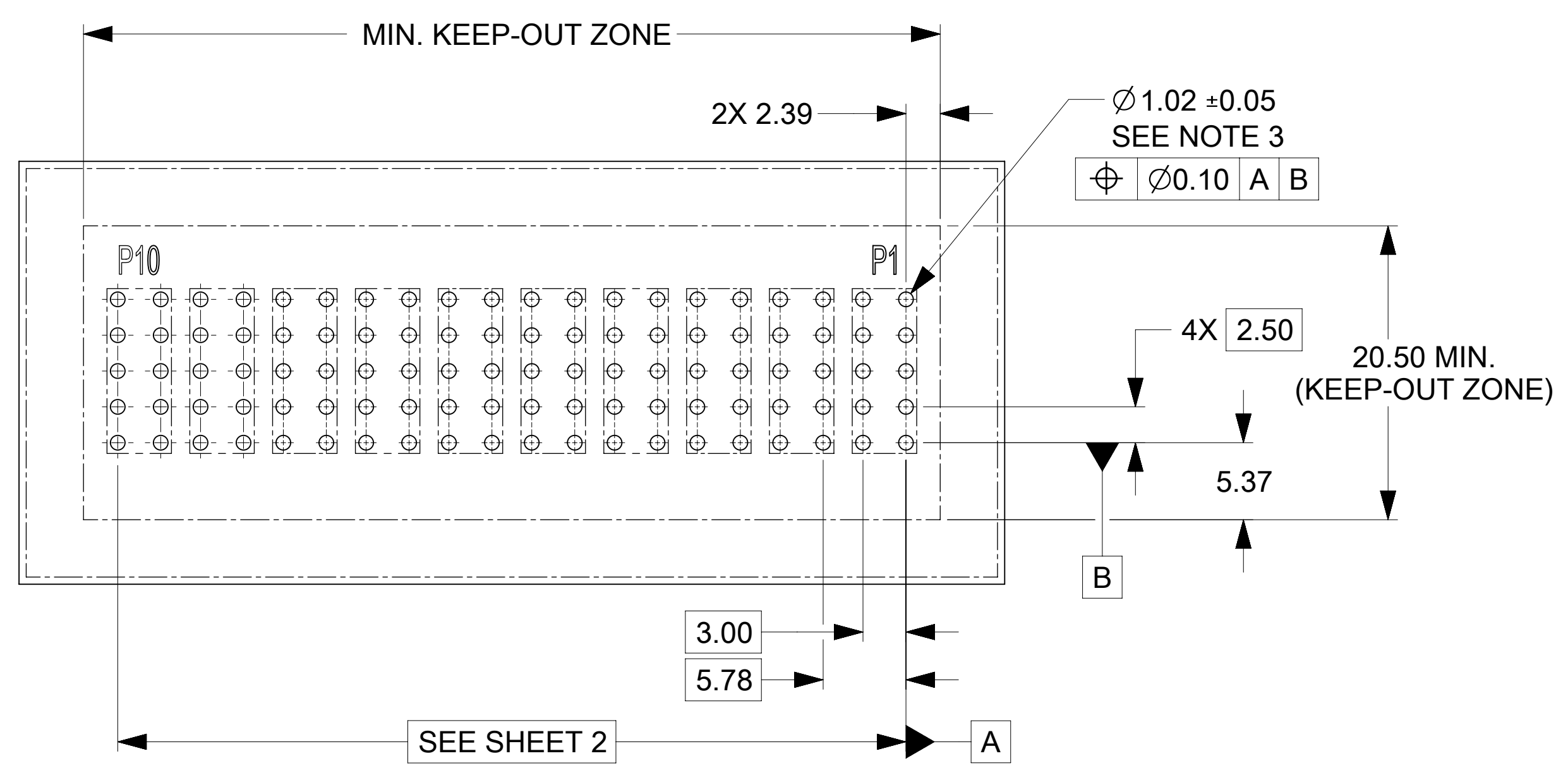


### PLUG MATED TO VERTICAL RECEPTACLE MATED PROFILE

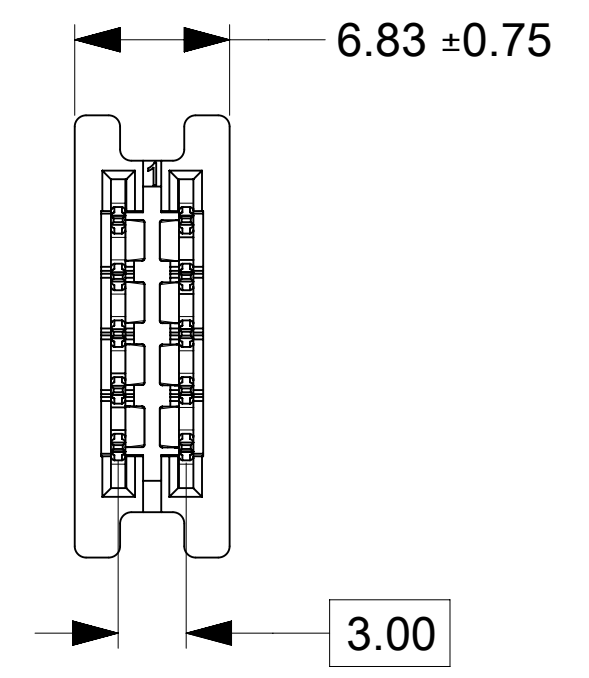


- NOTES:
- MATERIAL:
    - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
    - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
    - PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH  
2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND  
0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
  - PACKAGING: ASSEMBLIES TO BE TRAY 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).

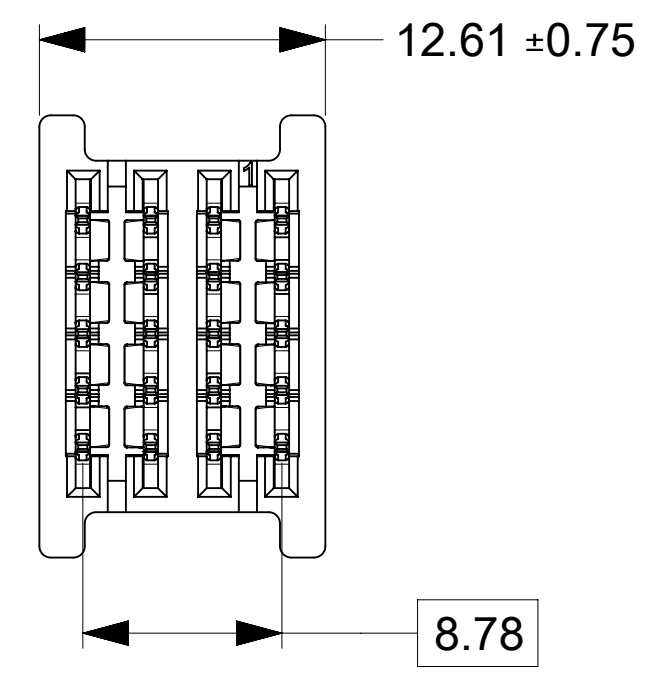
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS <b>mm</b>		SCALE <b>3:1</b>		CURRENT REV DESC:											
GENERAL TOLERANCES (UNLESS SPECIFIED)				<p>EC NO: 745288</p> <p>DRWN: LZABJANOVSKI 2023/03/23</p> <p>CHK'D: JAYK1 2023/04/10</p> <p>APPR: JAYK1 2023/04/10</p> <p>INITIAL REVISION:</p> <p>DRWN: LZABJANOVSKI 2022/03/30</p> <p>APPR: BPISZCZOR 2022/08/04</p>											
ANGULAR TOL		± °													
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.25													
1 PLACE		± 0.3													
0 PLACES		±		DOCUMENT NUMBER <b>2195639003-SD</b>		DOC TYPE <b>PSD</b>		DOC PART <b>000</b>		REVISION <b>A2</b>					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING <b>D-SIZE</b>		SERIES <b>219563</b>		MATERIAL NUMBER <b>SEE CHART</b>		CUSTOMER		SHEET NUMBER <b>1 OF 2</b>	

### RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

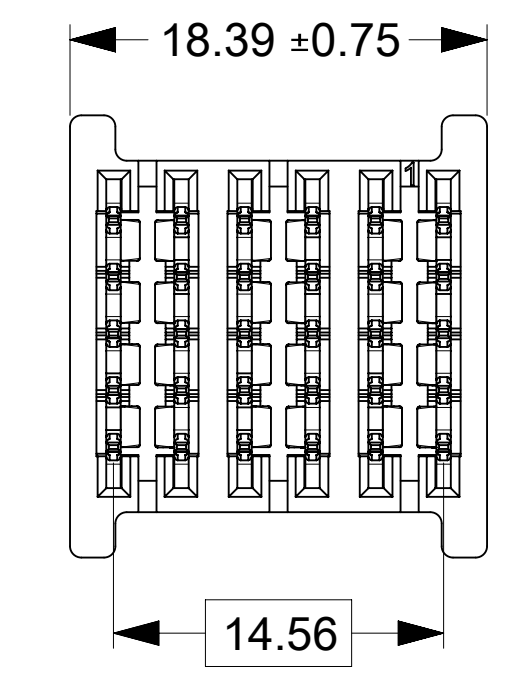
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0031	1P	820



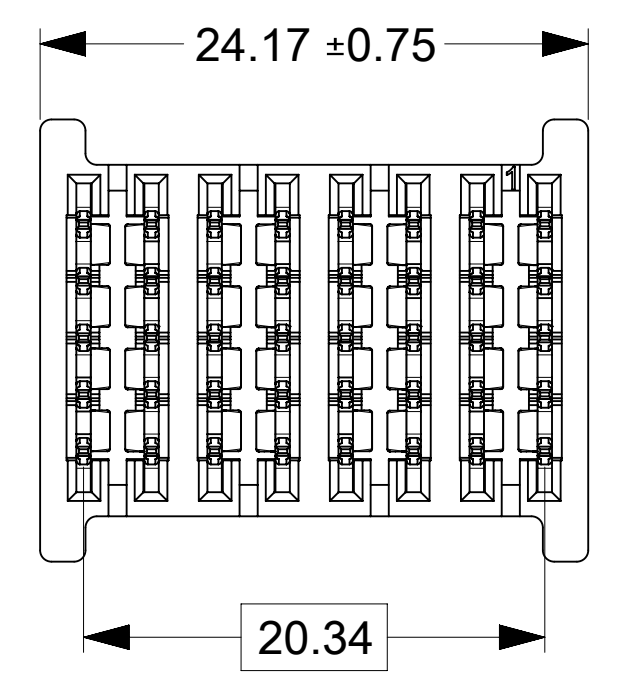
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0032	2P	440



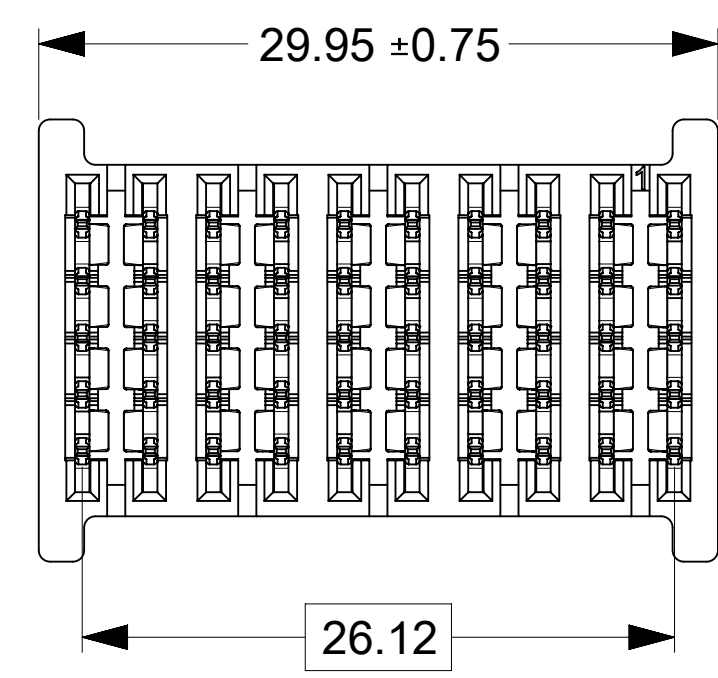
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219563-0033	3P	300



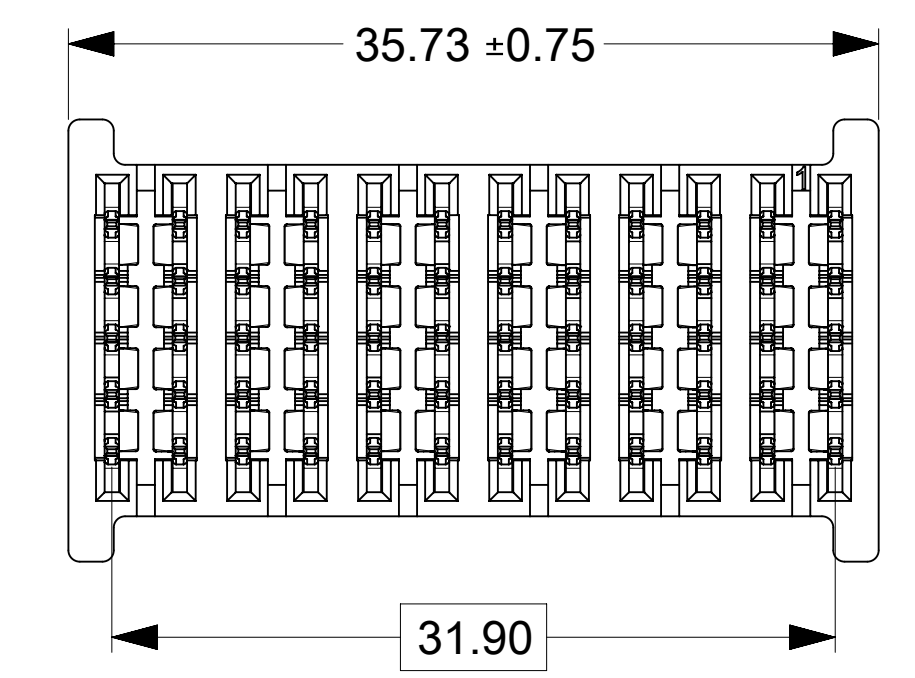
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219563-0034	4P	220



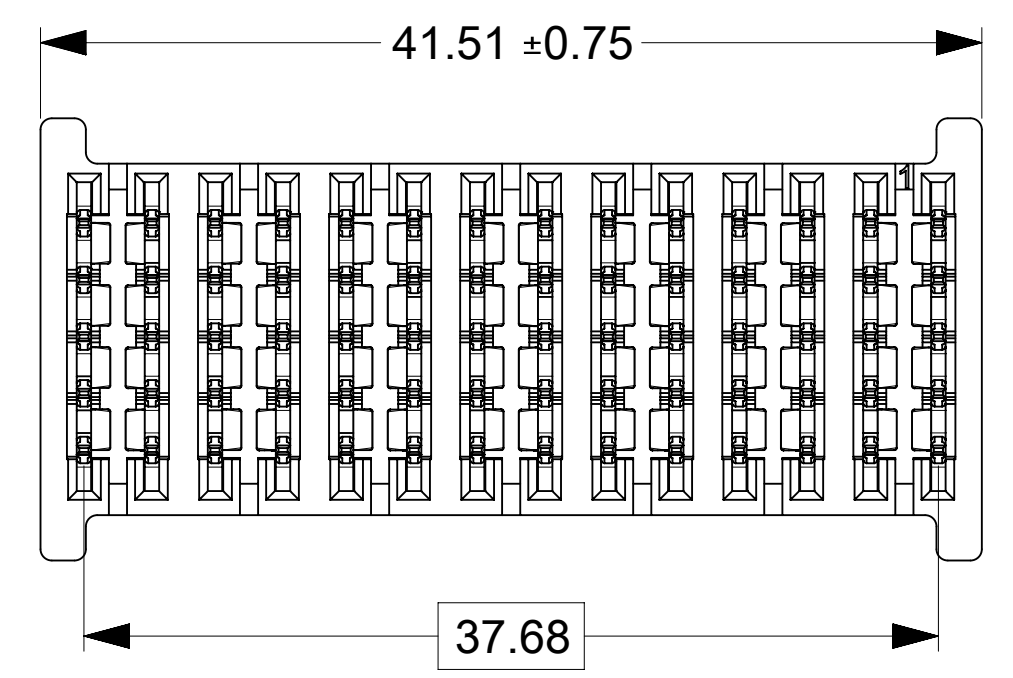
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0035	5P	180



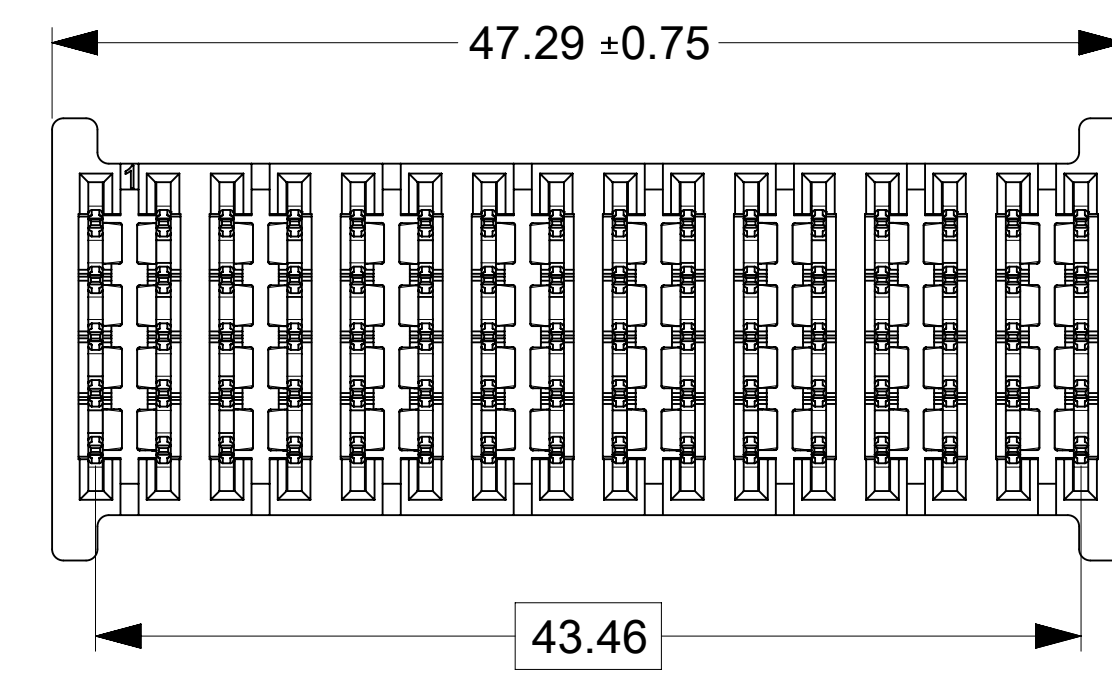
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0036	6P	140



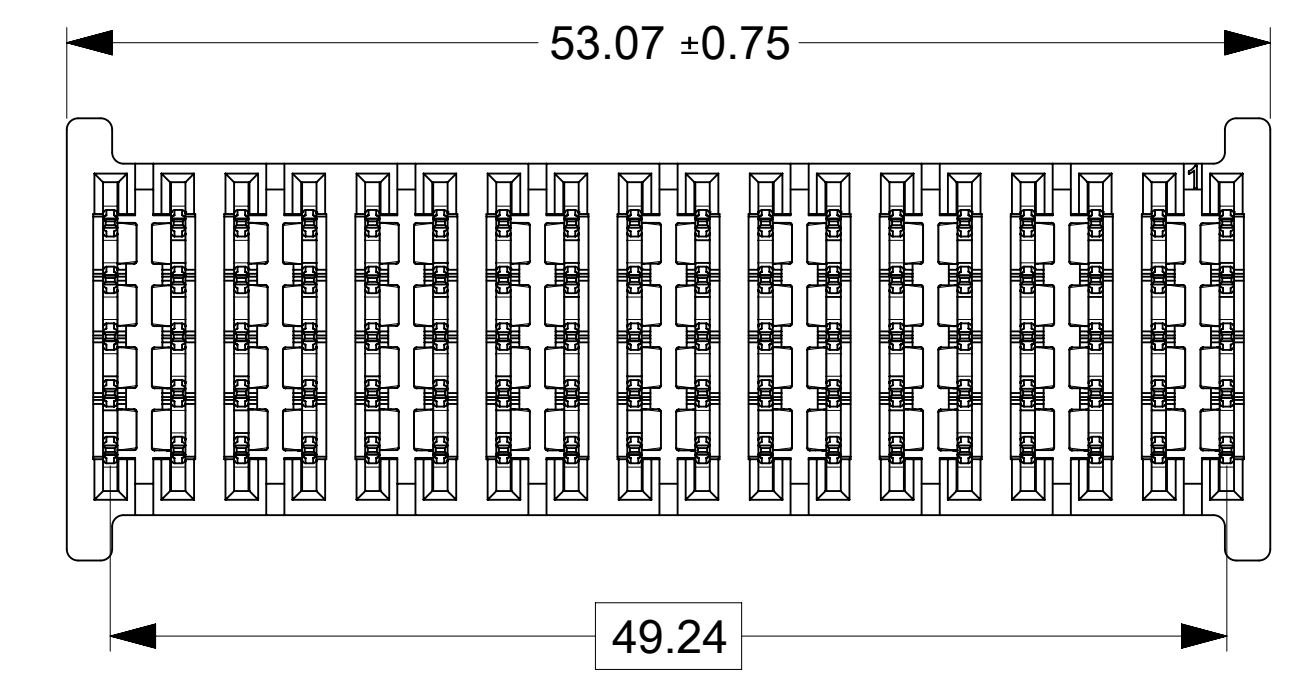
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0037	7P	120



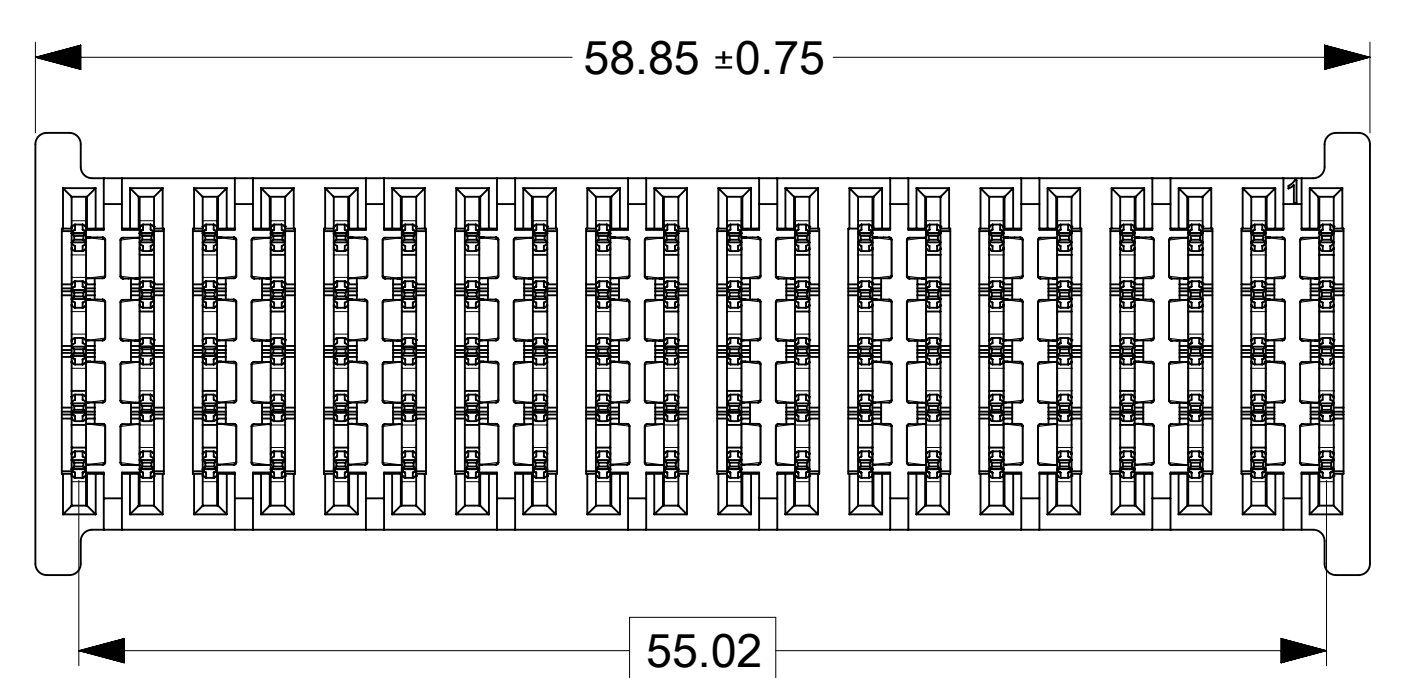
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0038	8P	100



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		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
		D-SIZE		219563		SEE CHART					
EC NO: 745288				DRWN: LZABJANOVSKI				2023/03/23			
CHK'D: JAYK1				APPR: JAYK1				2023/04/10			
INITIAL REVISION:				DRWN: LZABJANOVSKI				2022/03/30			
APPR: BPISZCZOR								2022/08/04			
DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION			
2195639003-SD				PSD		000		A2			
SHEET NUMBER				2 OF 2							