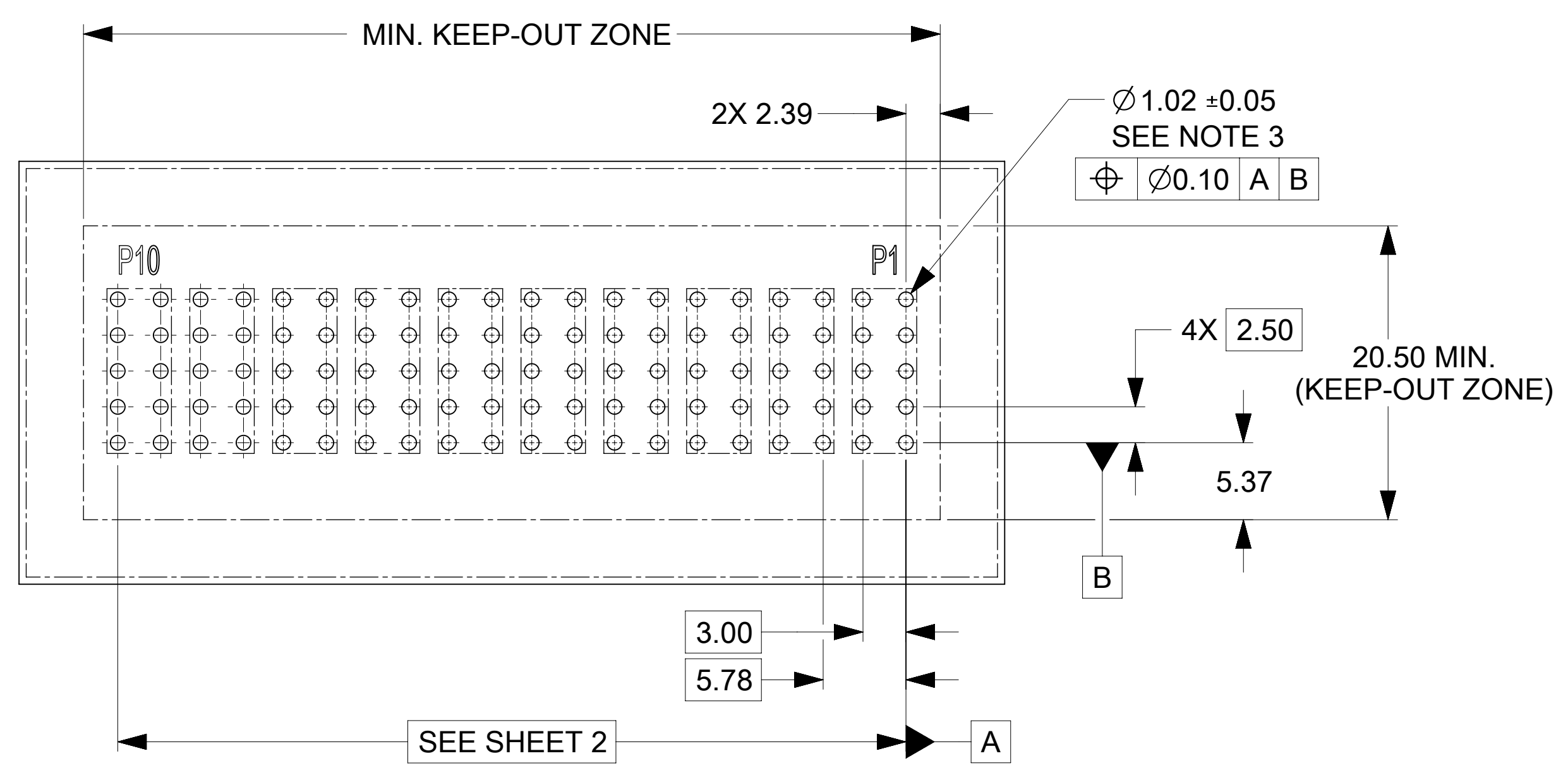


**PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE**

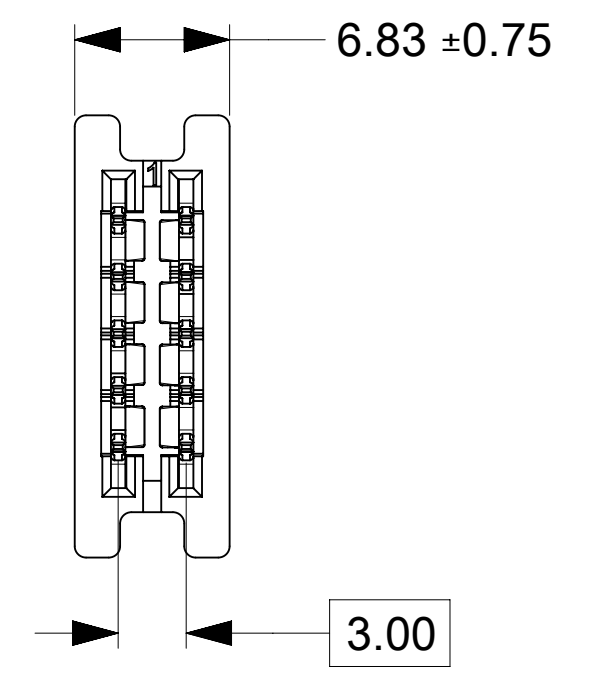


- NOTES:**
- MATERIAL:**
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH
2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND
0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING:** ASSEMBLIES TO BE TRAY PACKED PER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

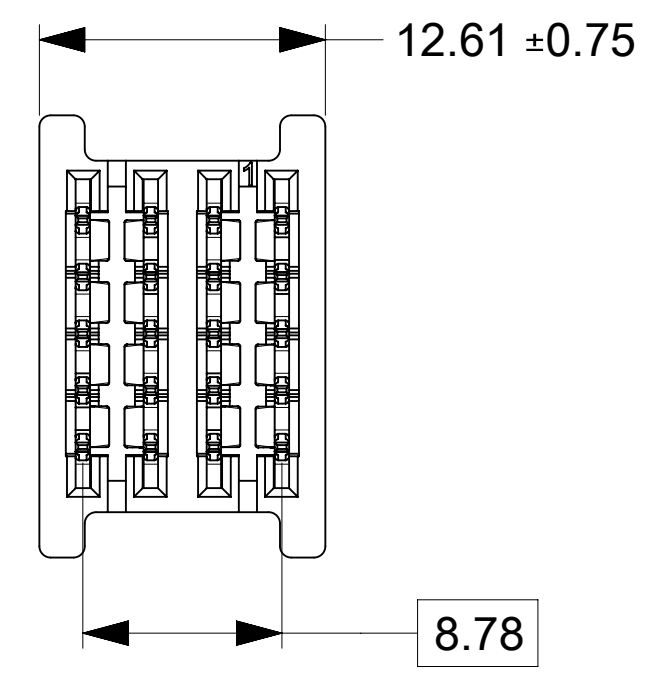
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS		SCALE		CURRENT REV DESC:						
mm		3:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
ANGULAR TOL ± °										
4 PLACES		±		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:						
				DRWN: LZABJANOVSKI		2022/03/30				
				APPR: BPISZCZOR		2022/08/04				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
			D-SIZE		219563		SEE CHART		CUSTOMER	
				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION
				2195639003-SD		PSD		000		A2
				SHEET NUMBER		1 OF 2				

RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

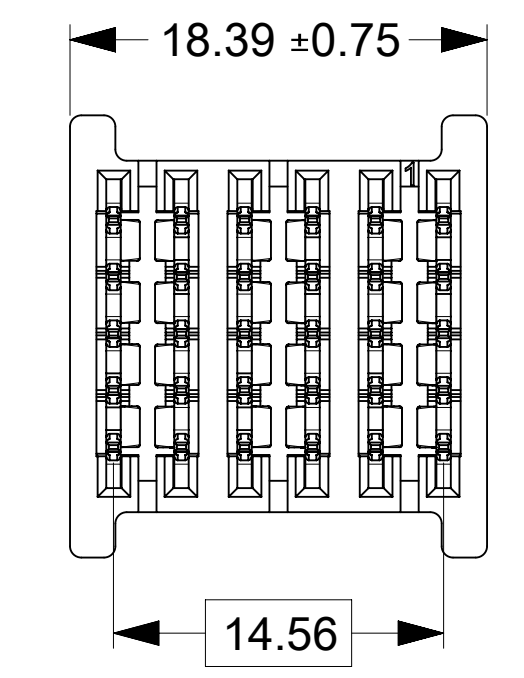
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0031	1P	820



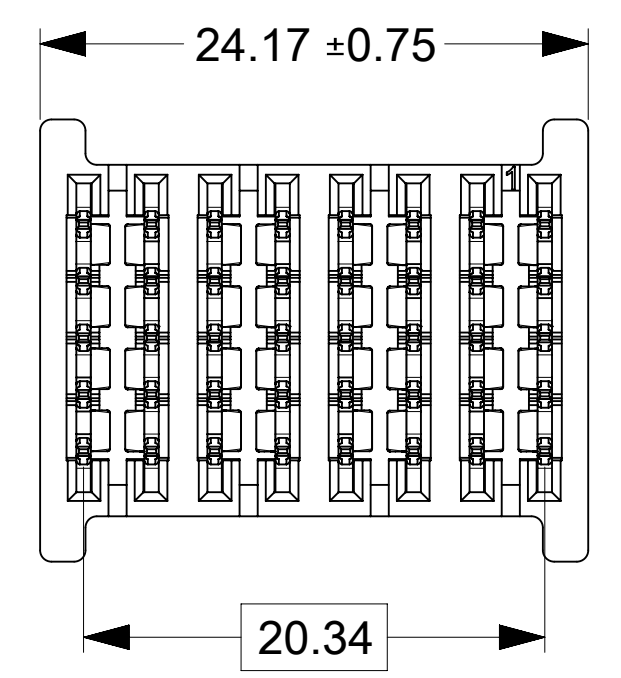
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0032	2P	440



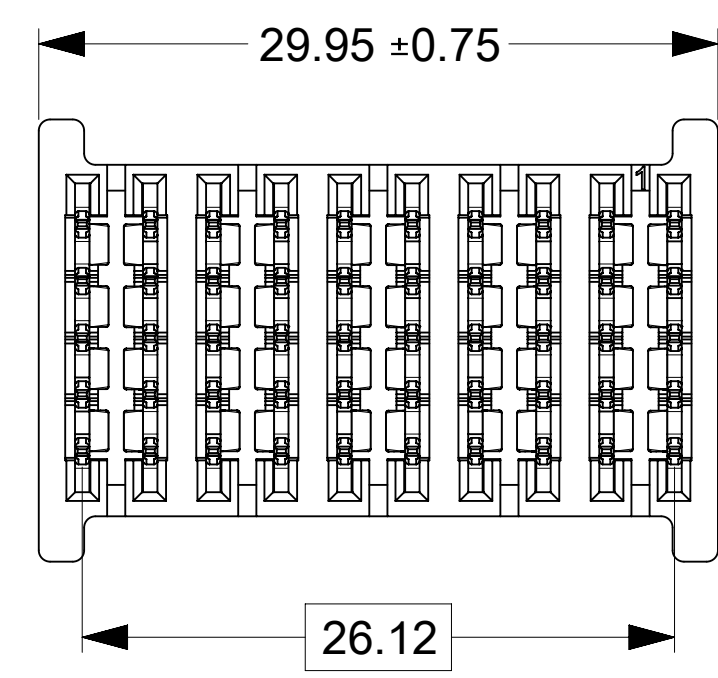
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0033	3P	300



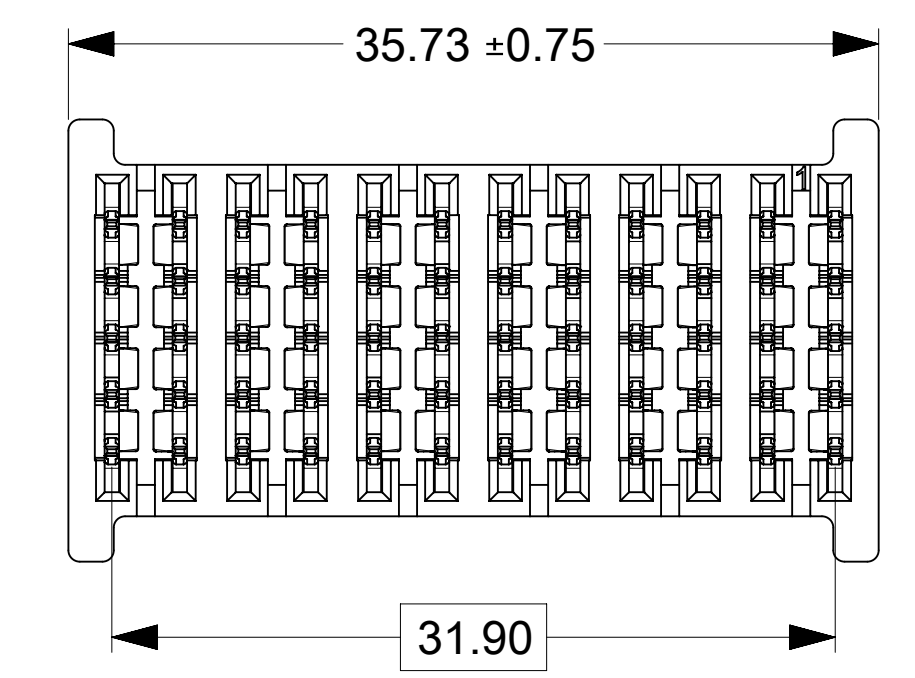
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219563-0034	4P	220



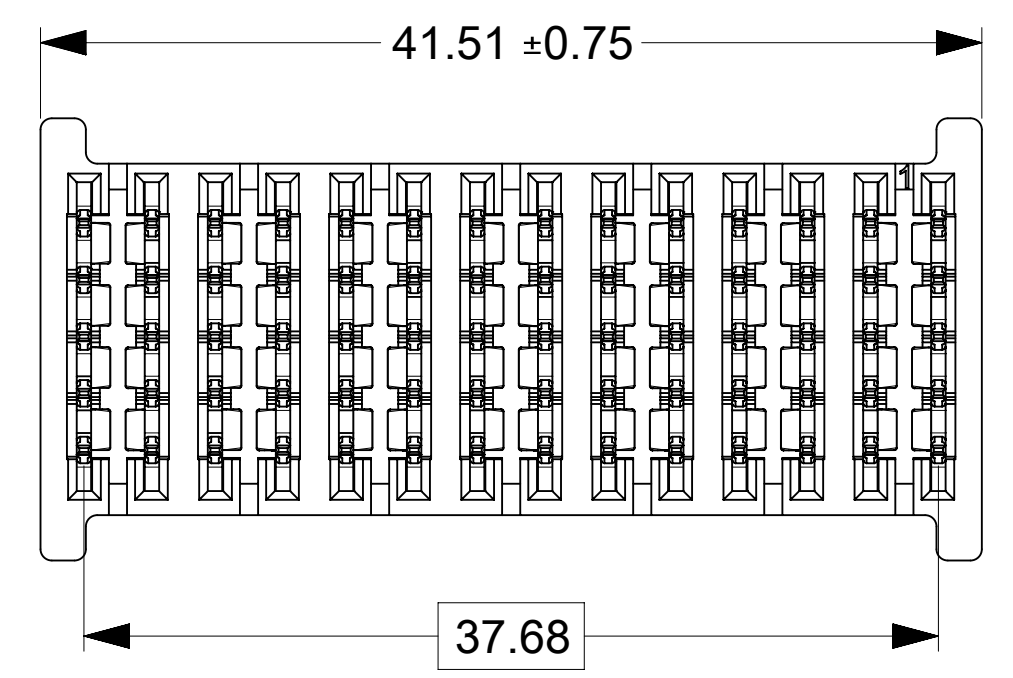
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0035	5P	180



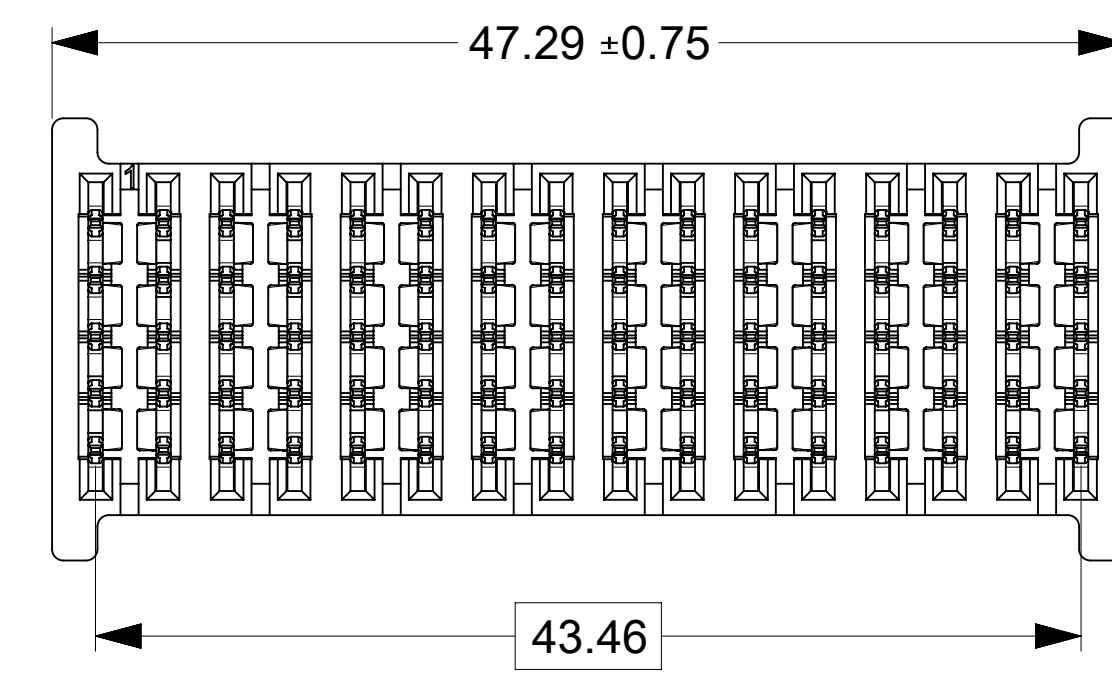
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219563-0036	6P	140



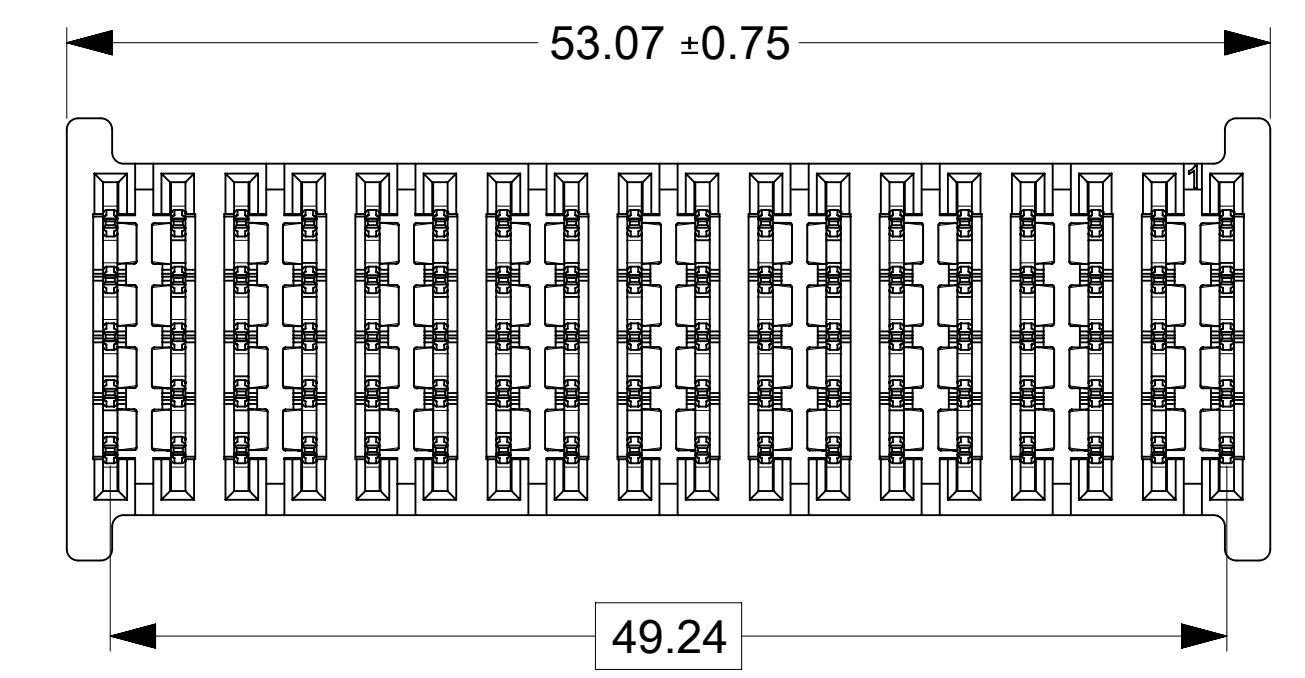
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219563-0037	7P	120



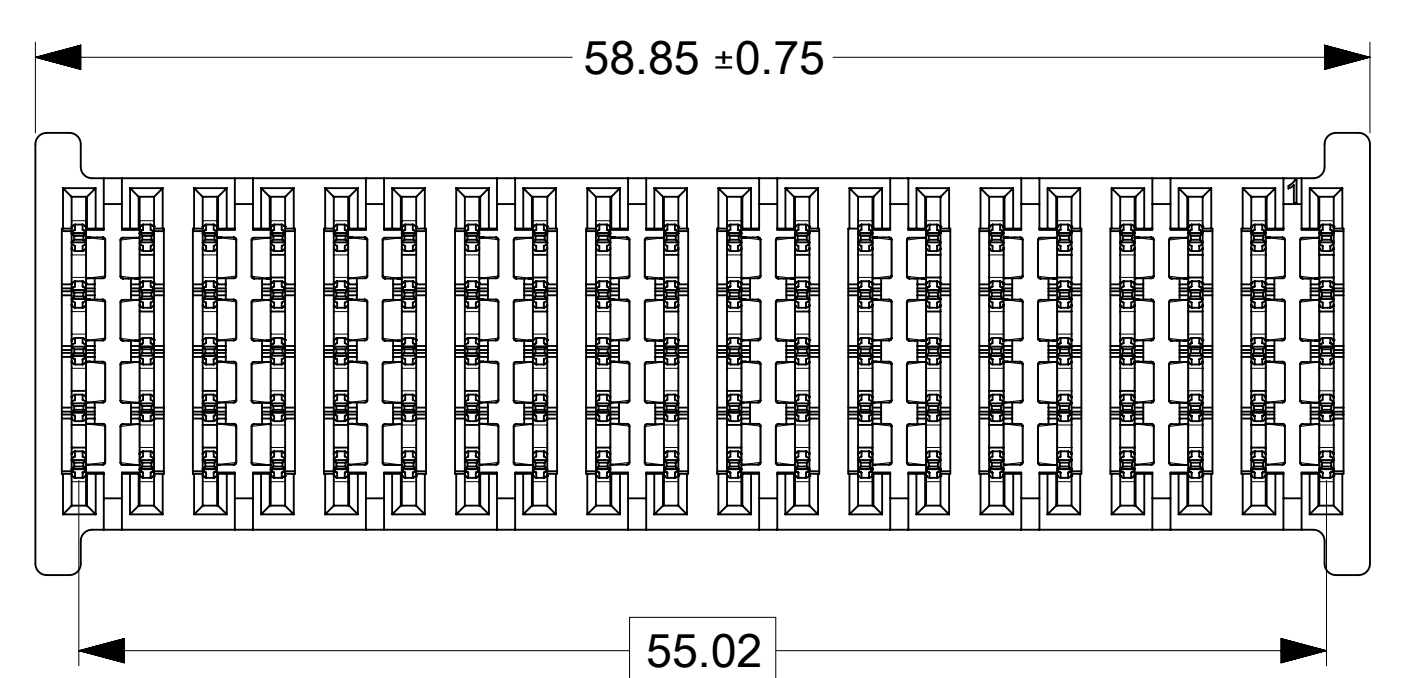
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0038	8P	100



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**

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		DRWN: LZABJANOVSKI		2022/03/30							
MUST REMAIN WITHIN DIMENSIONS		APPR: BPISZCZOR		2022/08/04							
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
D		D-SIZE		219563		SEE CHART				2 OF 2	

molex

GUARDIAN HD VREC POWER ONLY
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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