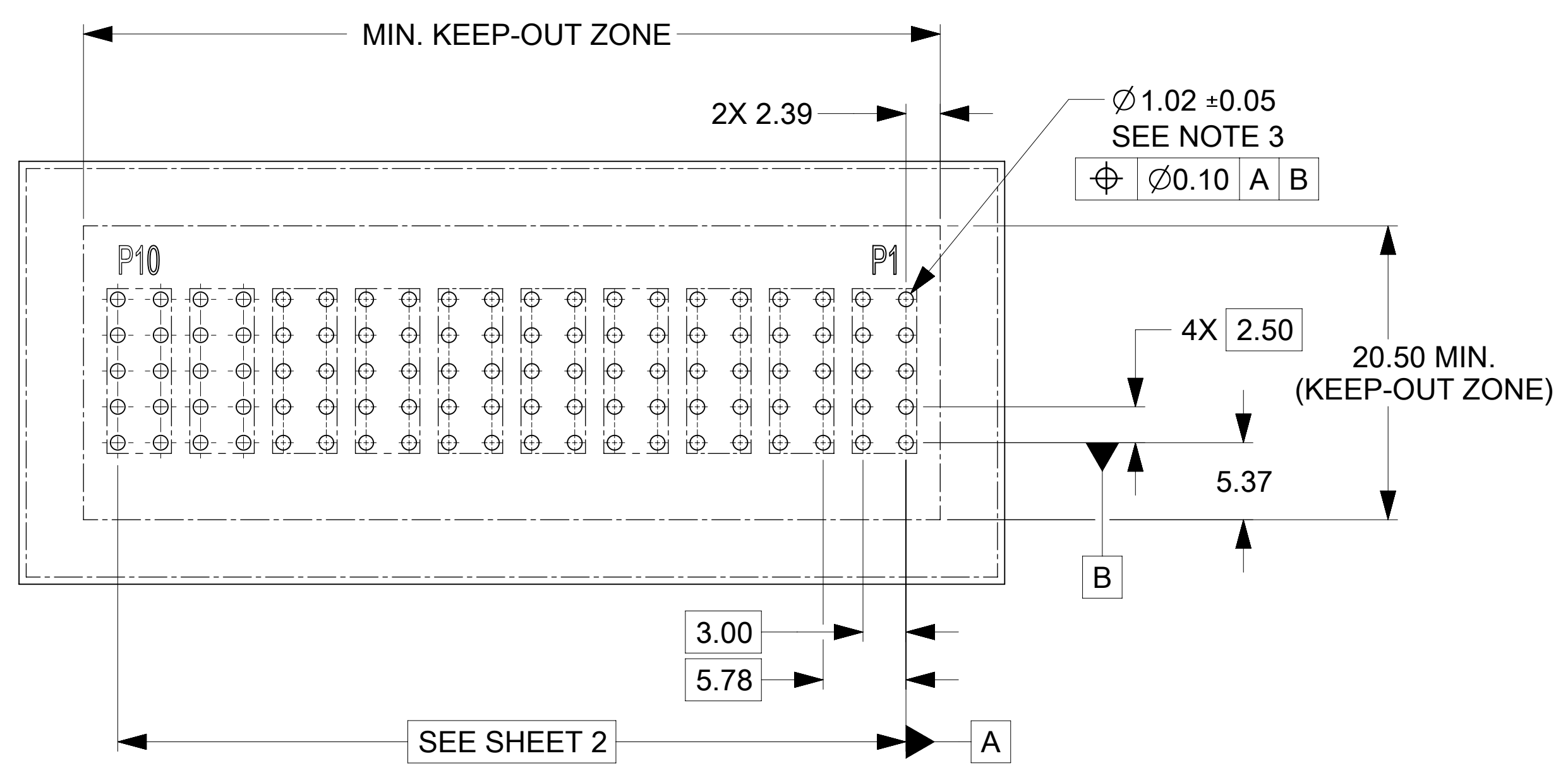


**PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE**



- 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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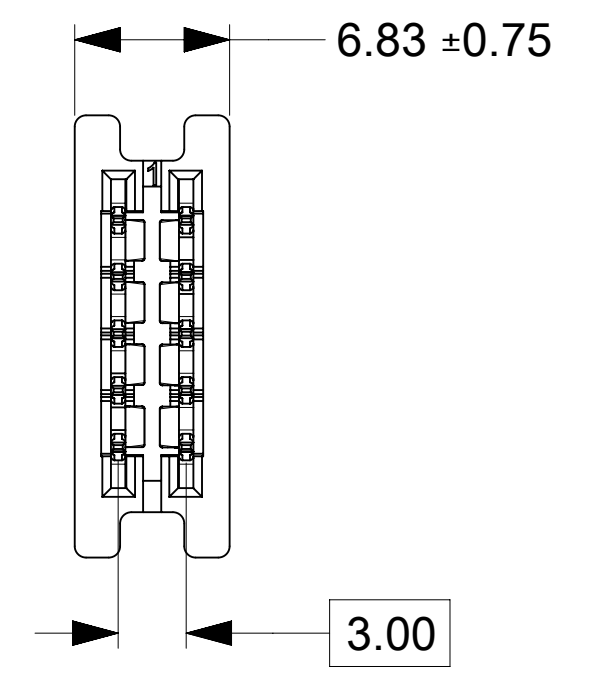
GUARDIAN HD VREC POWER ONLY
UNGUIDED PF

PRODUCT CUSTOMER DRAWING

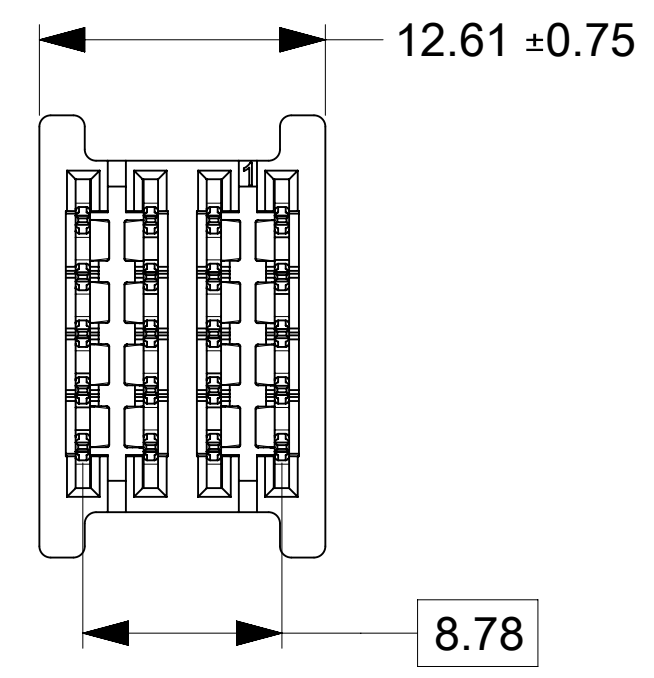
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195639003-SD	PSD	000	A2

RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

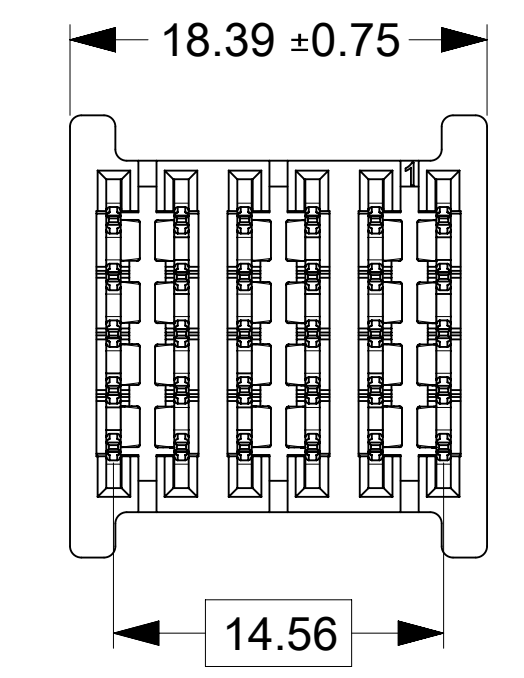
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0031	1P	820



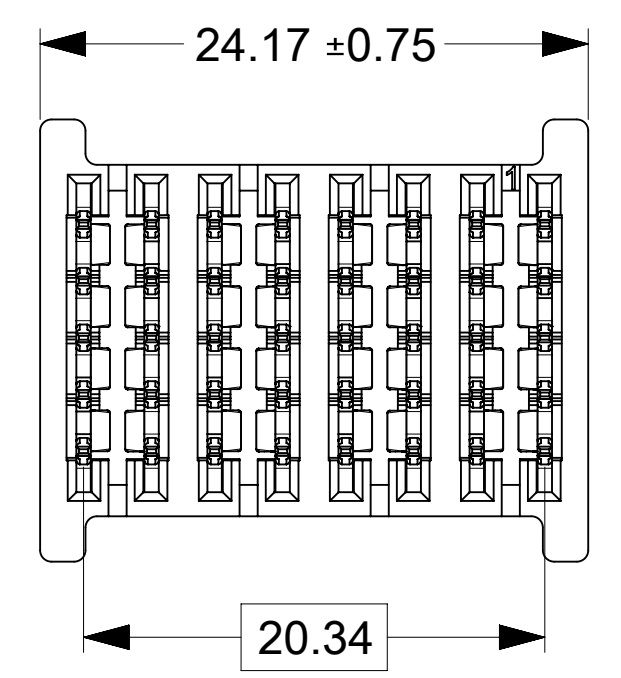
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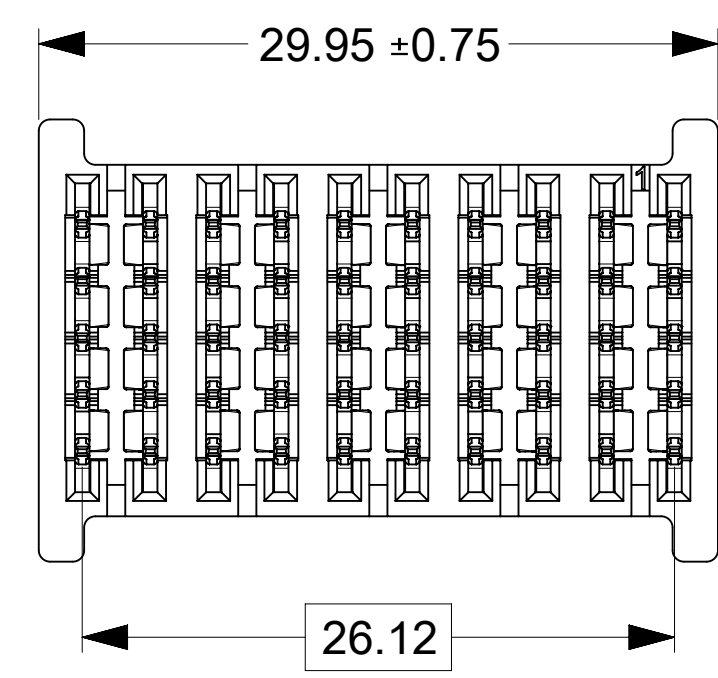
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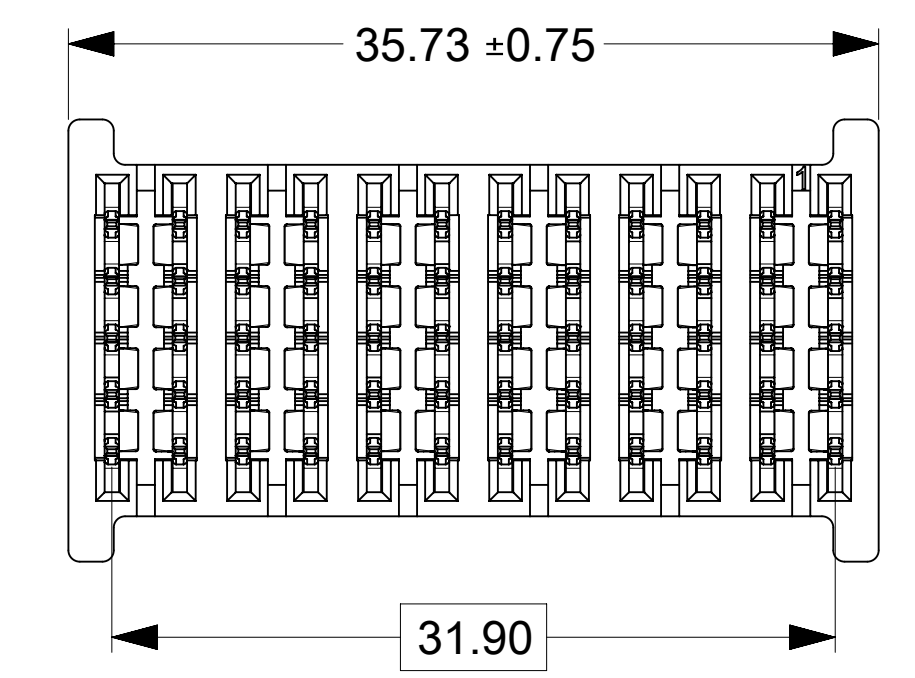
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219563-0034	4P	220



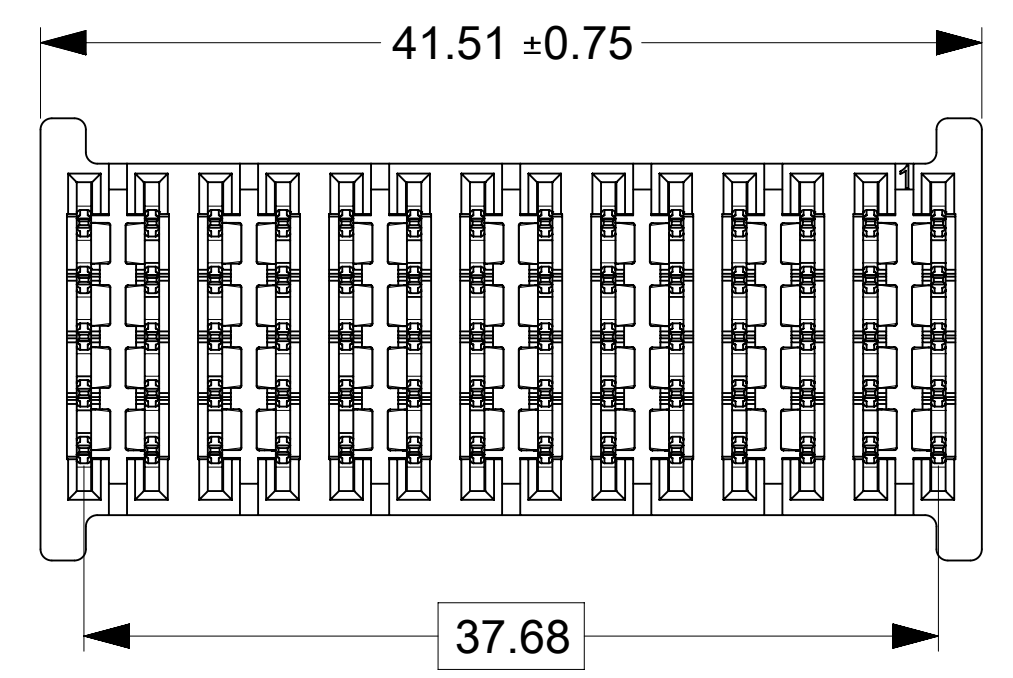
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219563-0035	5P	180



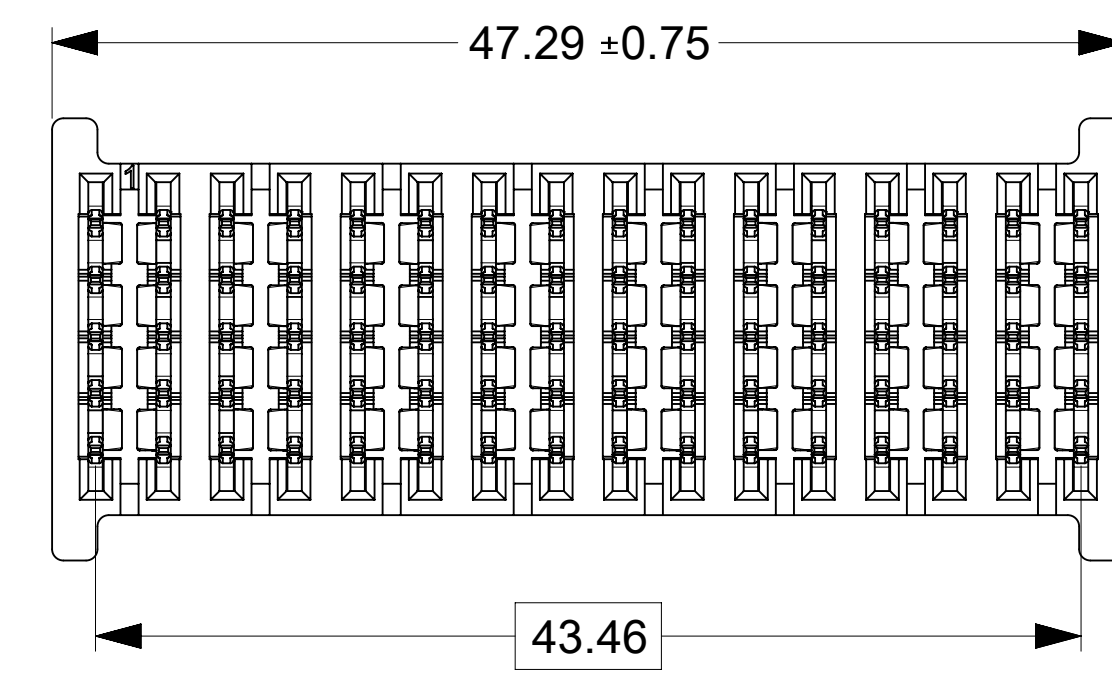
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219563-0036	6P	140



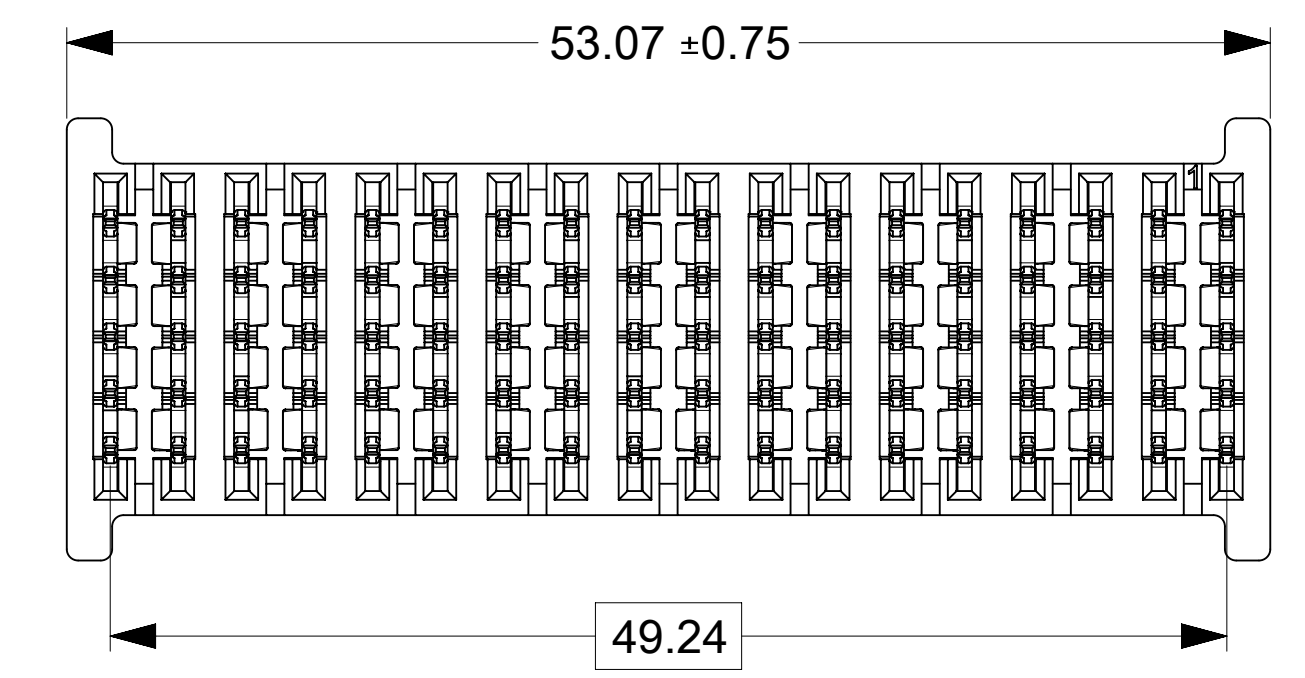
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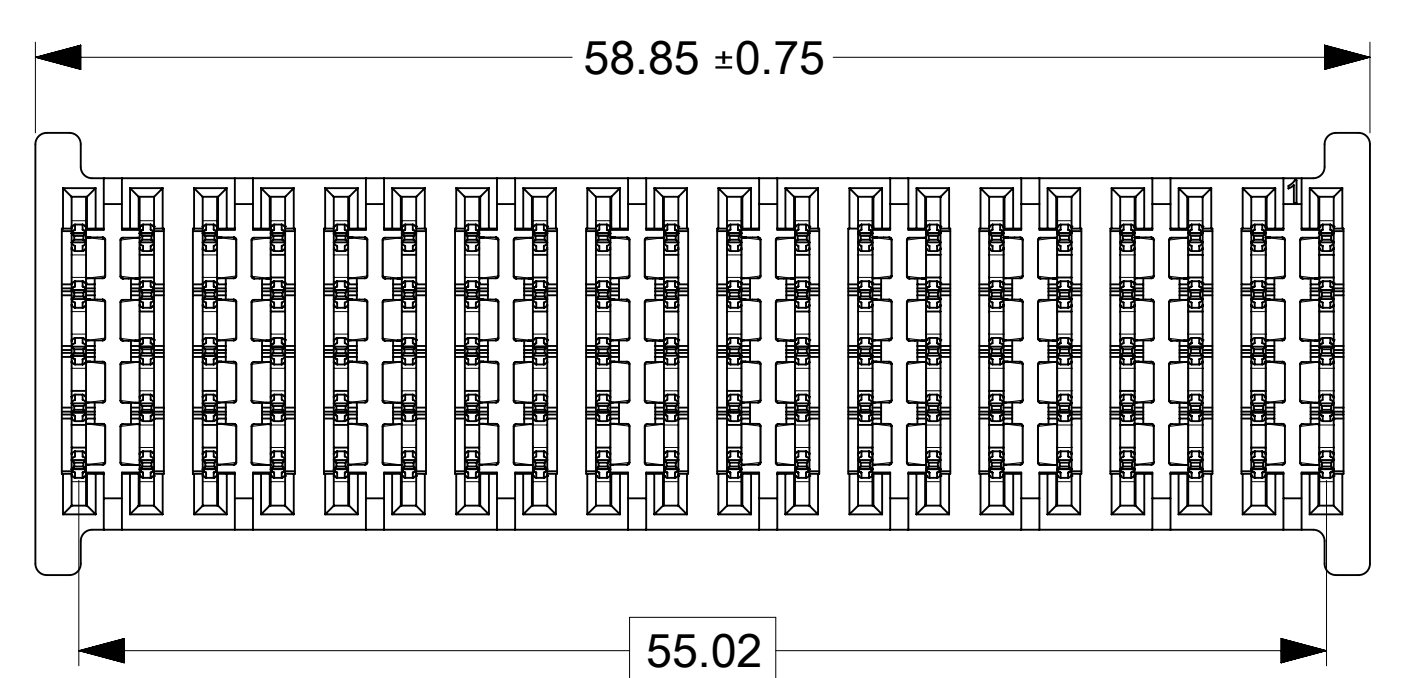
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0038	8P	100



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		D-D-SIZE 219563	
SEE CHART		SEE CHART		SEE CHART		SEE CHART		SEE CHART		SEE CHART	

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UNGUIDED PF

PRODUCT CUSTOMER DRAWING

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