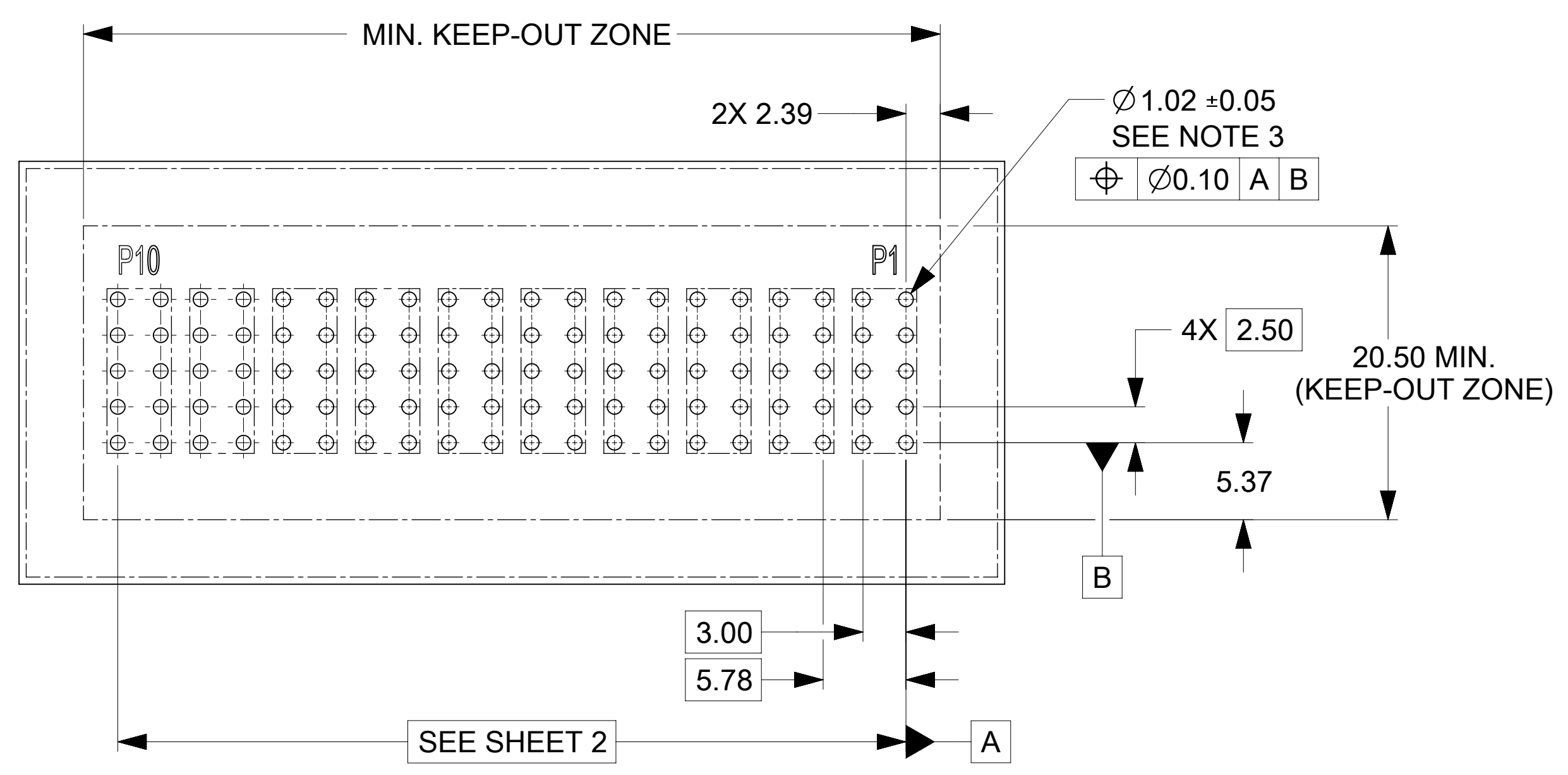


PLUG MATED TO VERTICAL RECEPTACLE MATED PROFILE

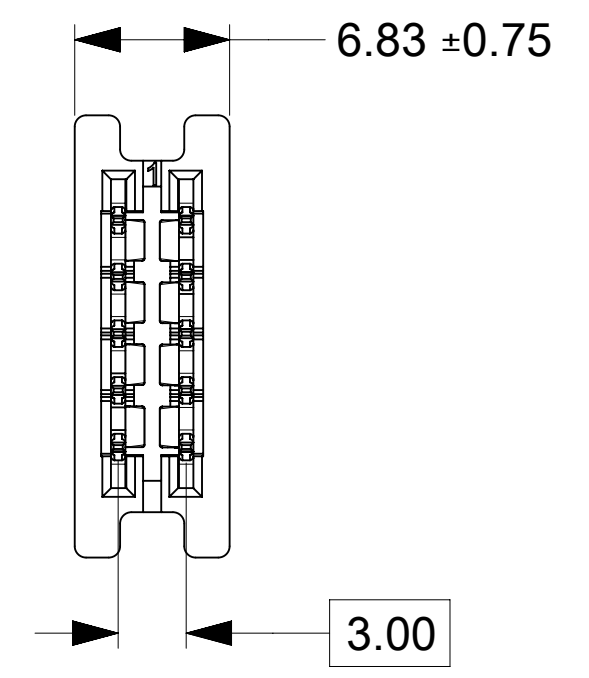


- NOTES:
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 μm (50 μin) NICKEL OVERALL WITH
2.54 μm (100 μin) SELECTIVE TIN ON TAILS AND
0.762 μm (30 μin) SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING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

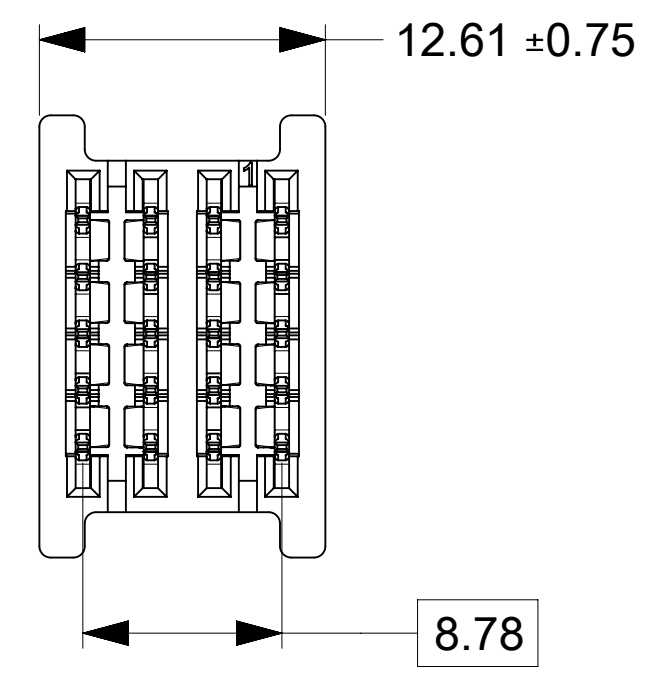
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS	SCALE	CURRENT REV DESC:							
mm	3:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± °								
4 PLACES	±	EC NO: 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					
THIRD ANGLE PROJECTION		APPR: BPISZCZOR		2022/08/04					
D-DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
D-SIZE		219563		SEE CHART				1 OF 2	

RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

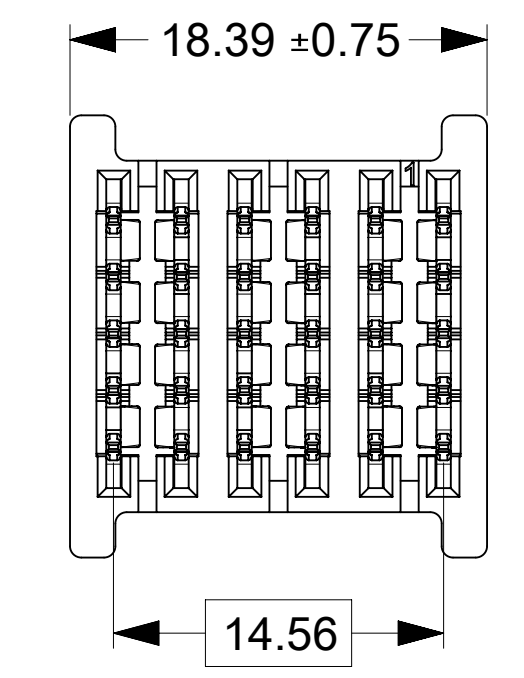
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0031	1P	820



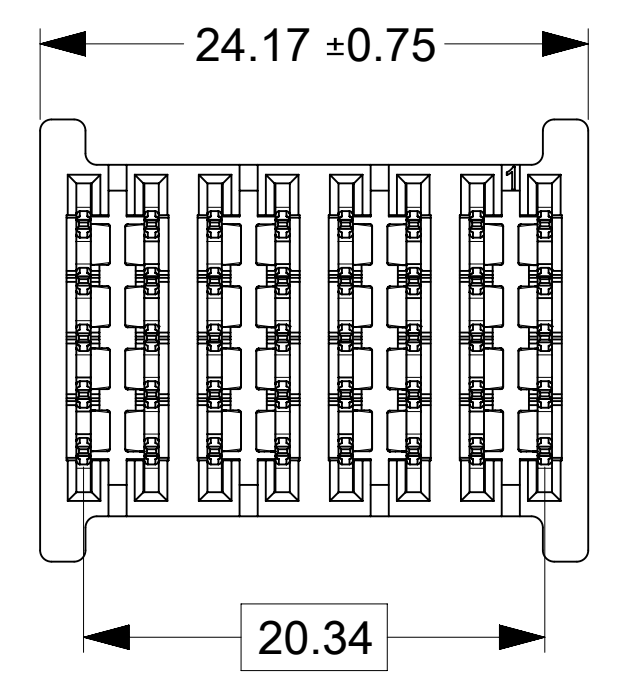
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0032	2P	440



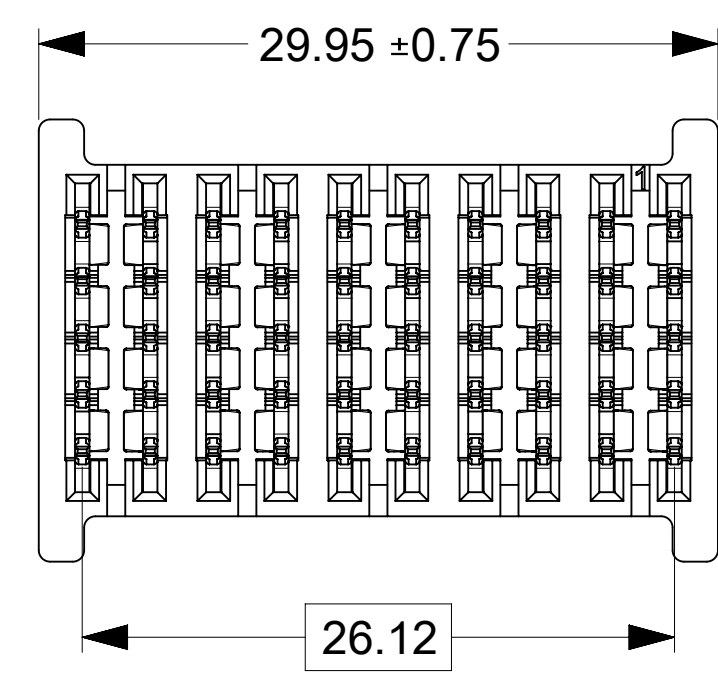
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0033	3P	300



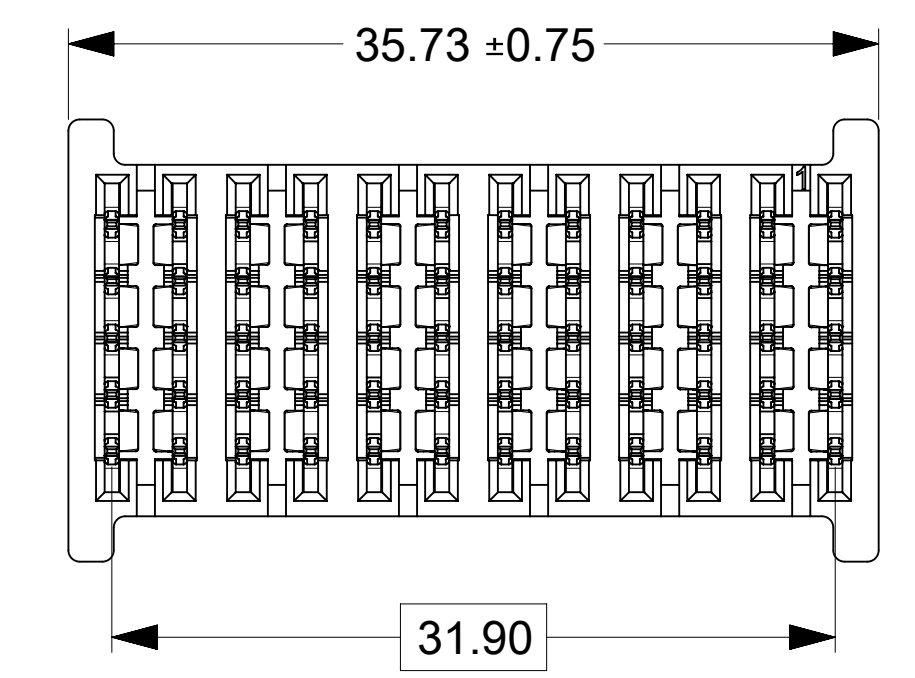
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219563-0034	4P	220



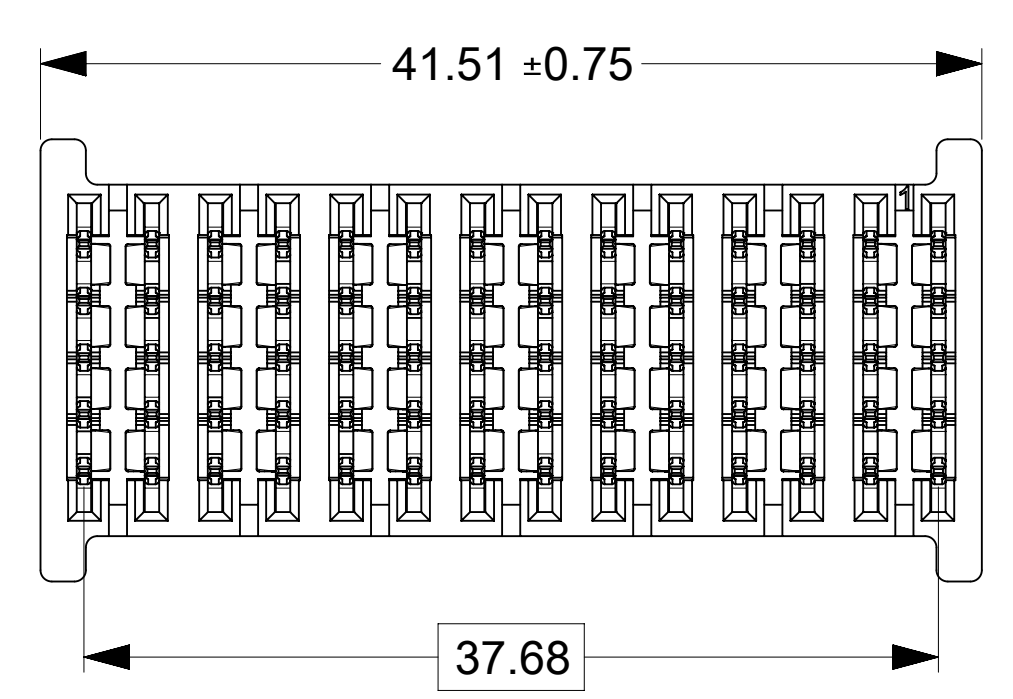
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0035	5P	180



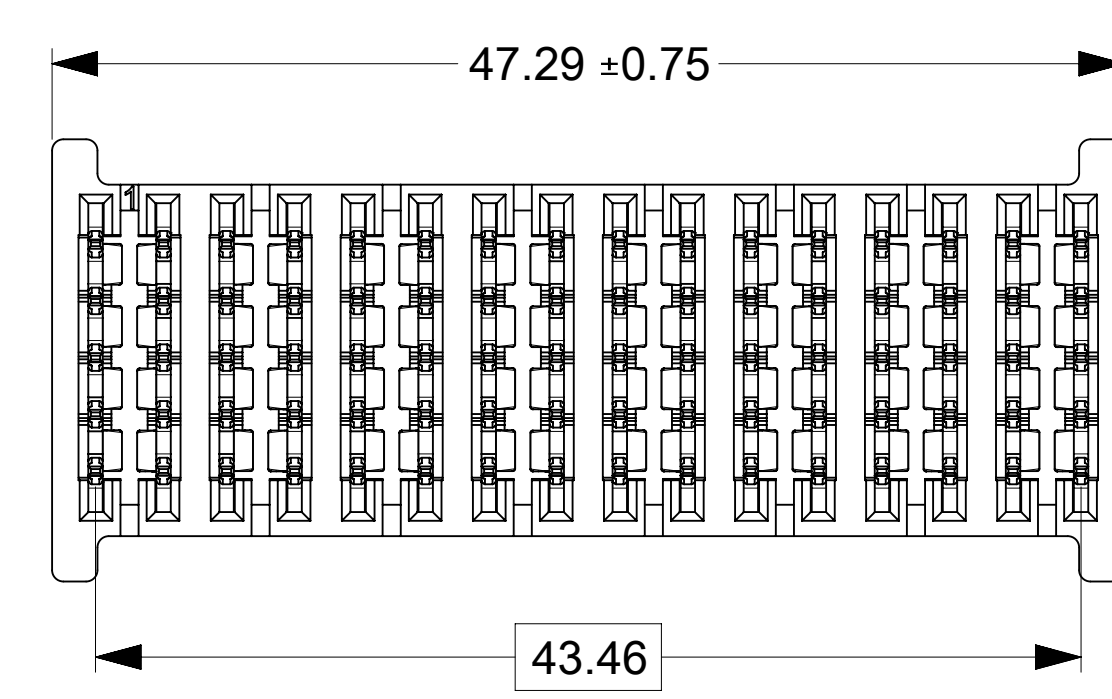
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0036	6P	140



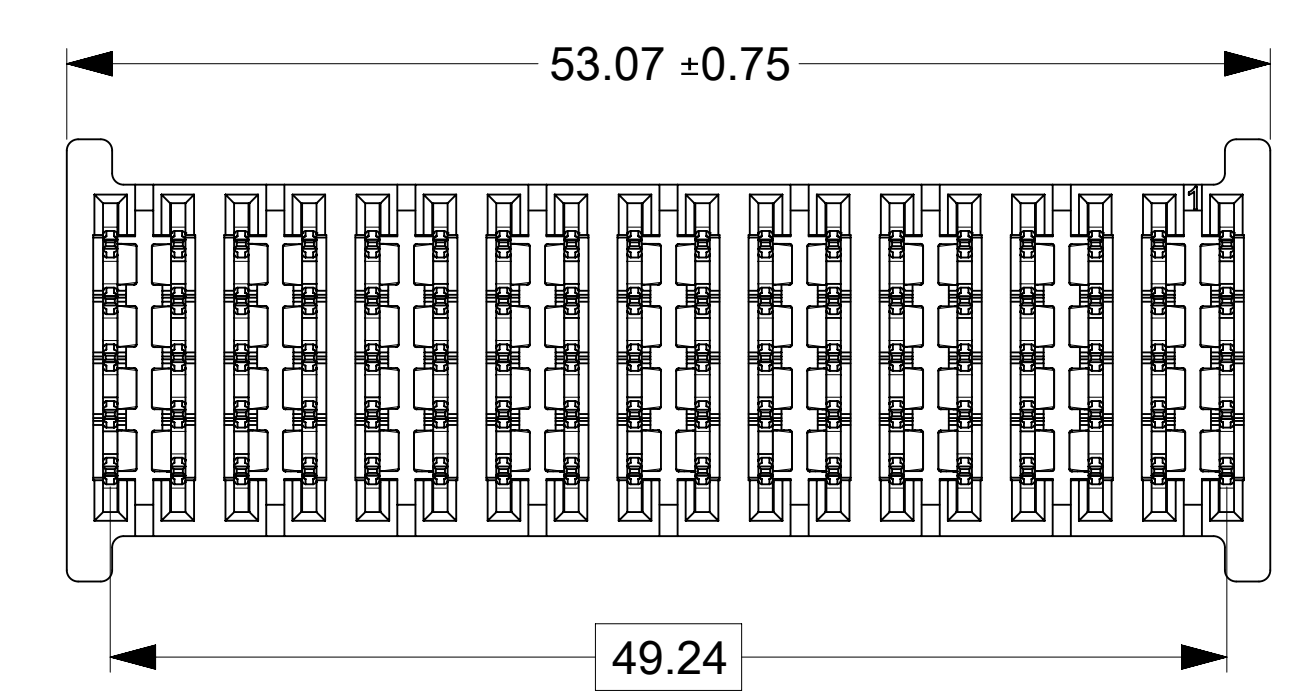
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0037	7P	120



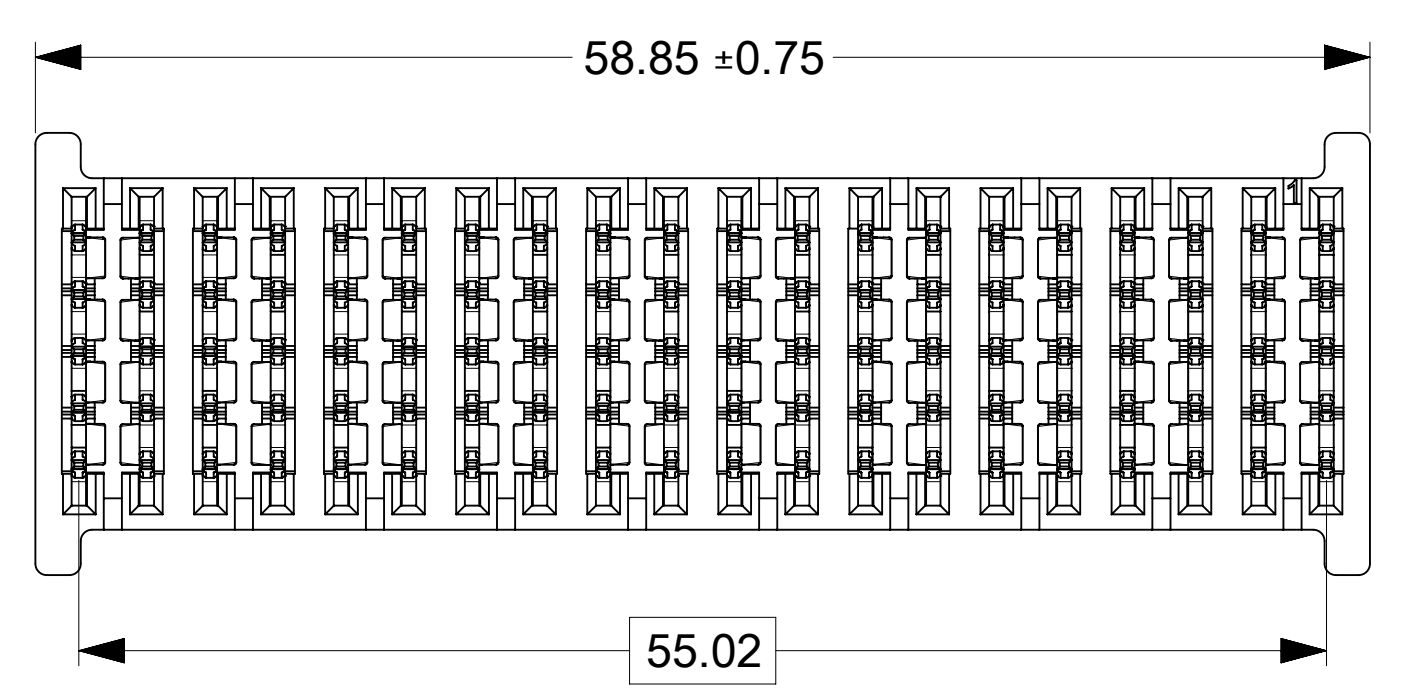
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0038	8P	100



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**

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 ±		3 PLACES ±		2 PLACES ± 0.25		1 PLACE ± 0.3		0 PLACES ±				
DRAFT WHERE APPLICABLE		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		
MUST REMAIN WITHIN DIMENSIONS				D-SIZE		219563		SEE CHART		SHEET NUMBER		
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		
DOCUMENT STATUS				P1	RELEASE DATE		2023/04/11	17:05:26				

molex

GUARDIAN HD VREC POWER ONLY
UNGUIDED PF

PRODUCT CUSTOMER DRAWING