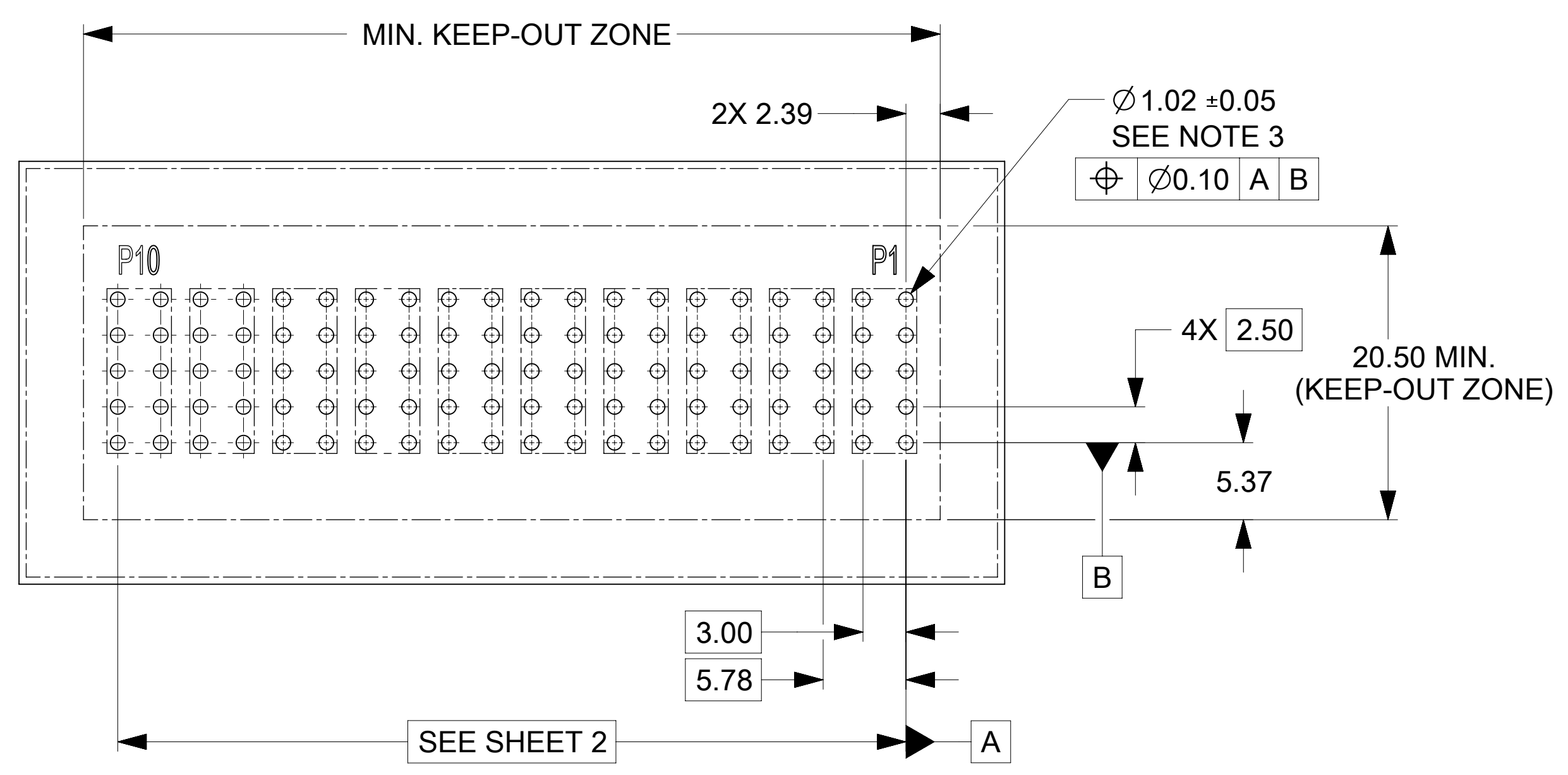


PLUG MATED TO VERTICAL RECEPTACLE MATED PROFILE

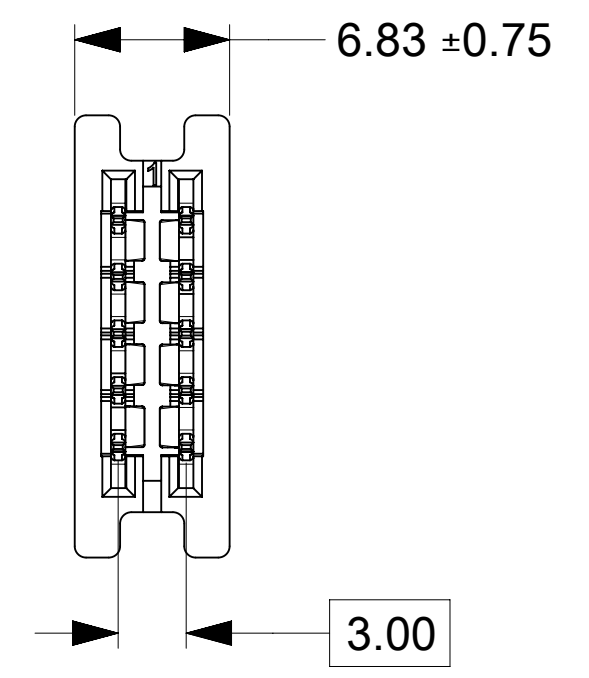


- NOTES:
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH
2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND
0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING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

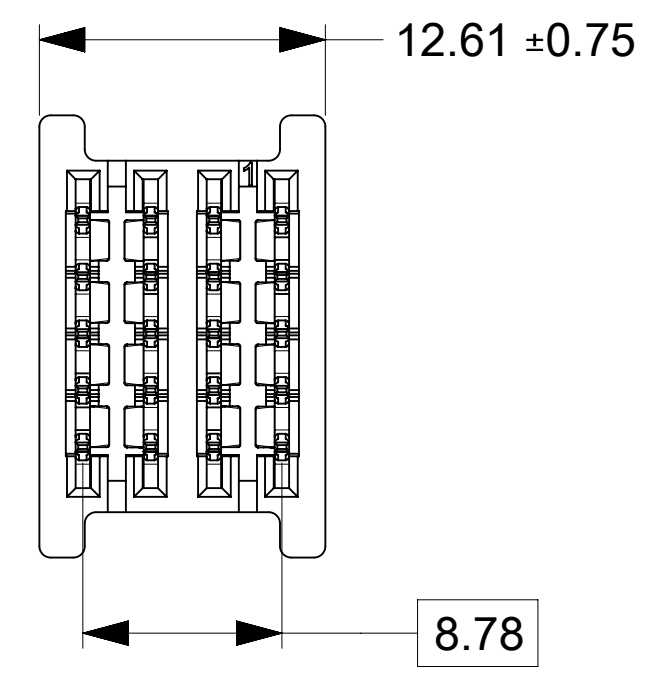
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS mm		SCALE 3:1		CURRENT REV DESC:											
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex GUARDIAN HD VREC POWER ONLY UNGUIDED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

RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

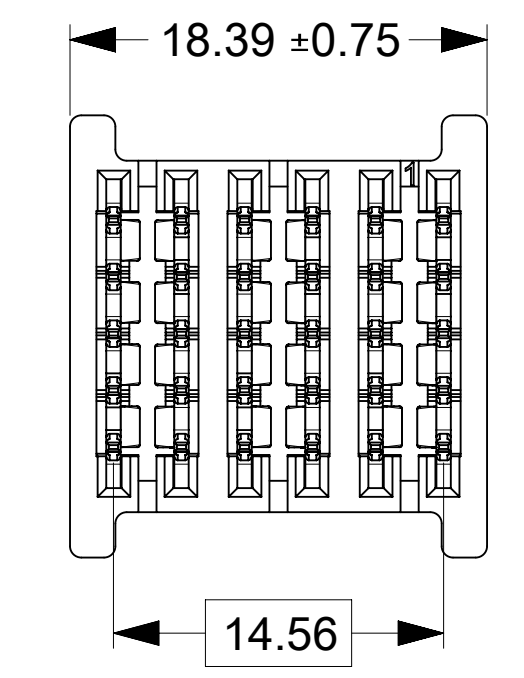
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0031	1P	820



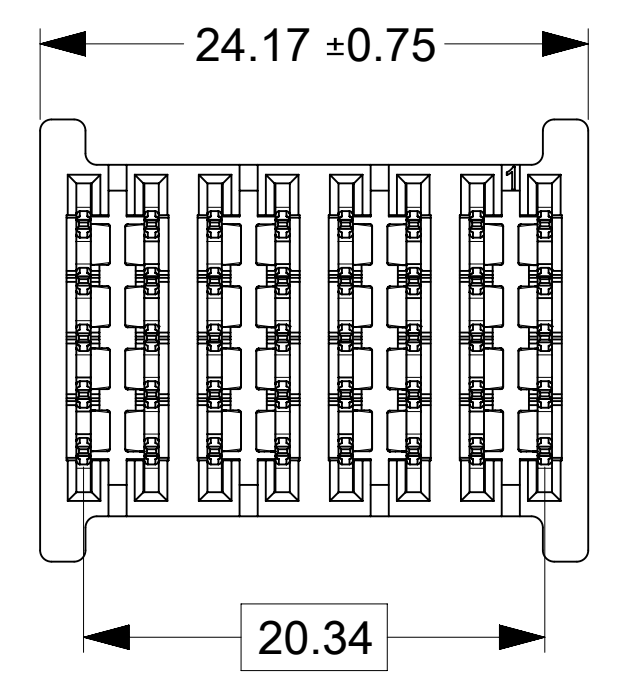
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0032	2P	440



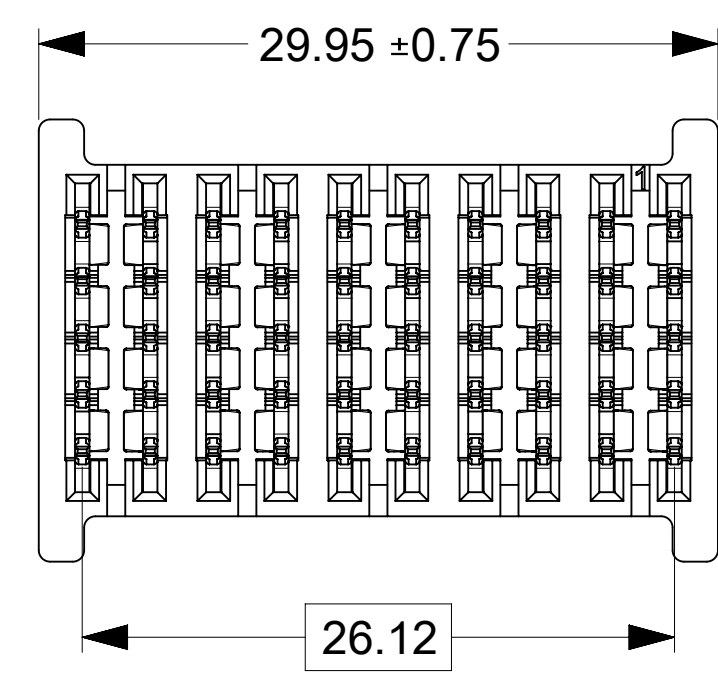
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0033	3P	300



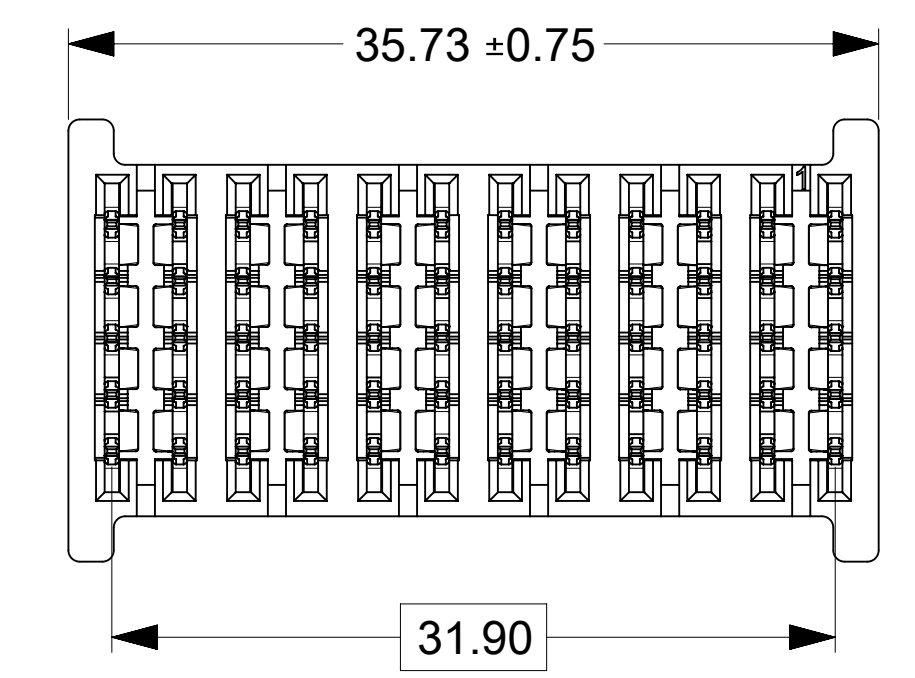
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0034	4P	220



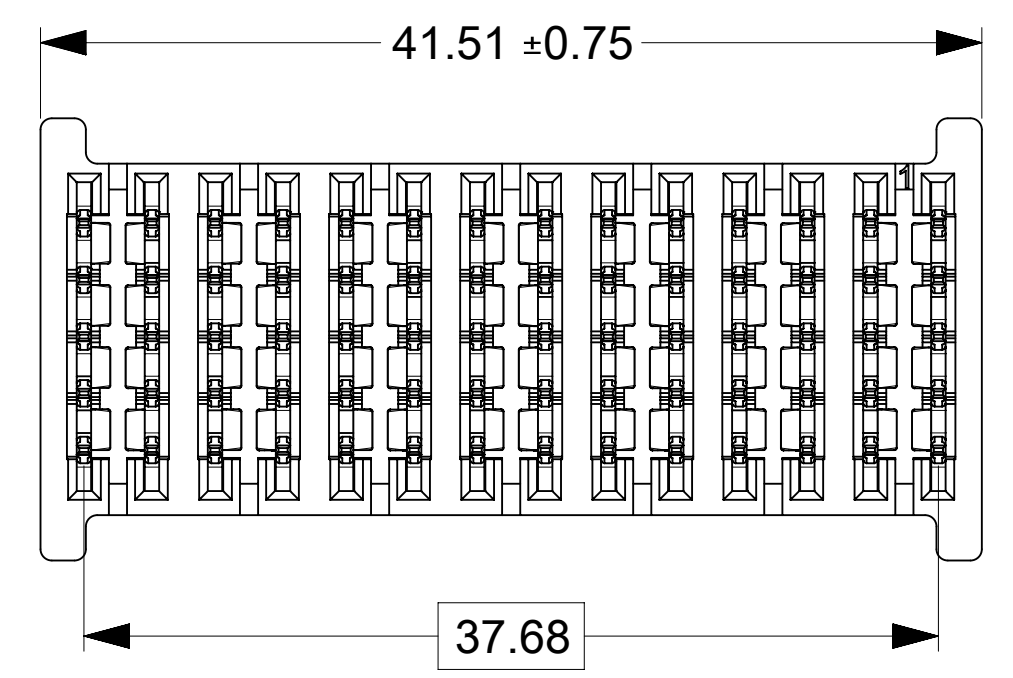
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0035	5P	180



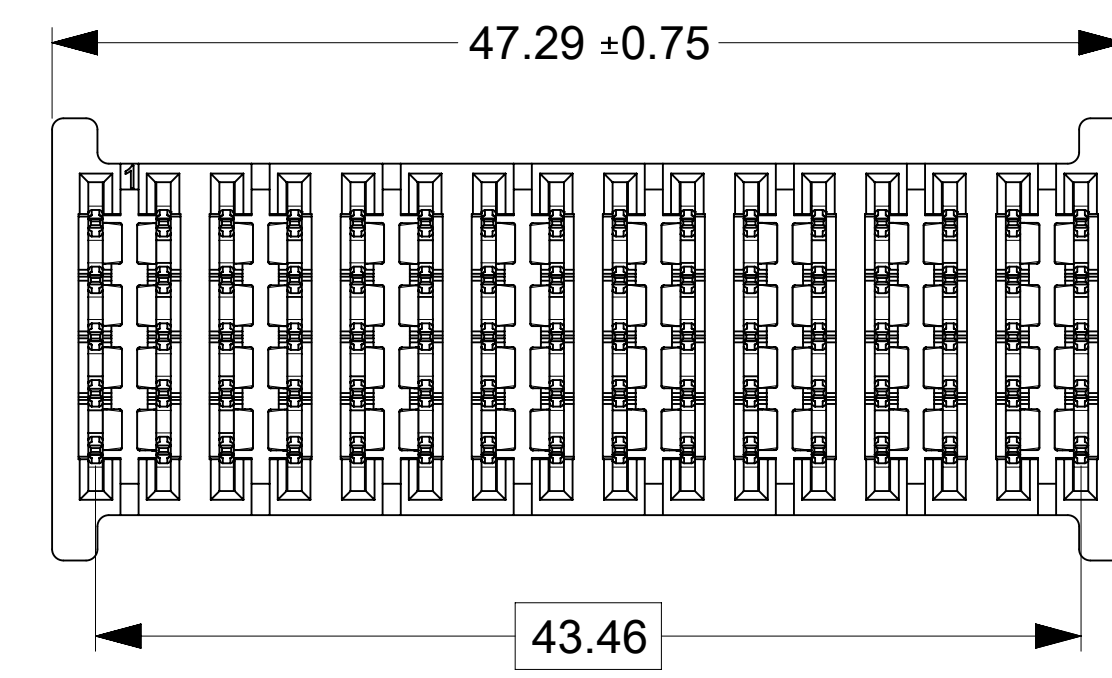
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0036	6P	140



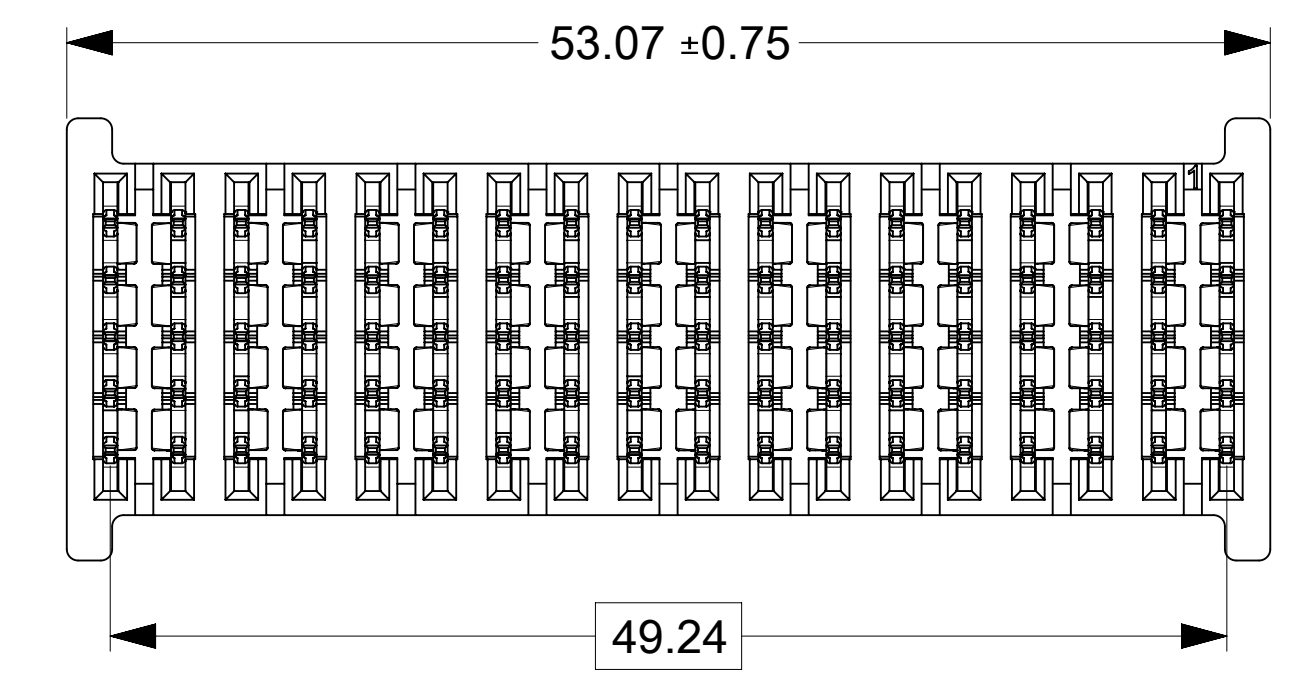
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0037	7P	120



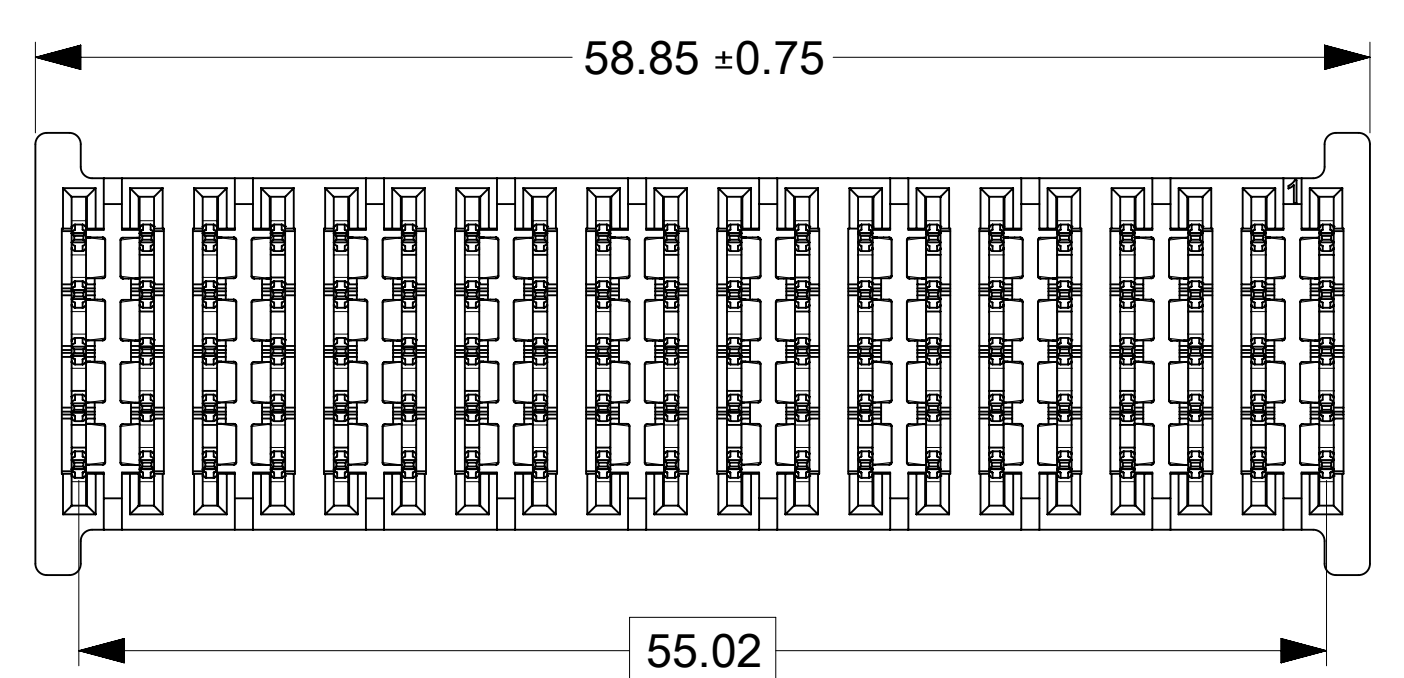
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0038	8P	100



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 ±		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