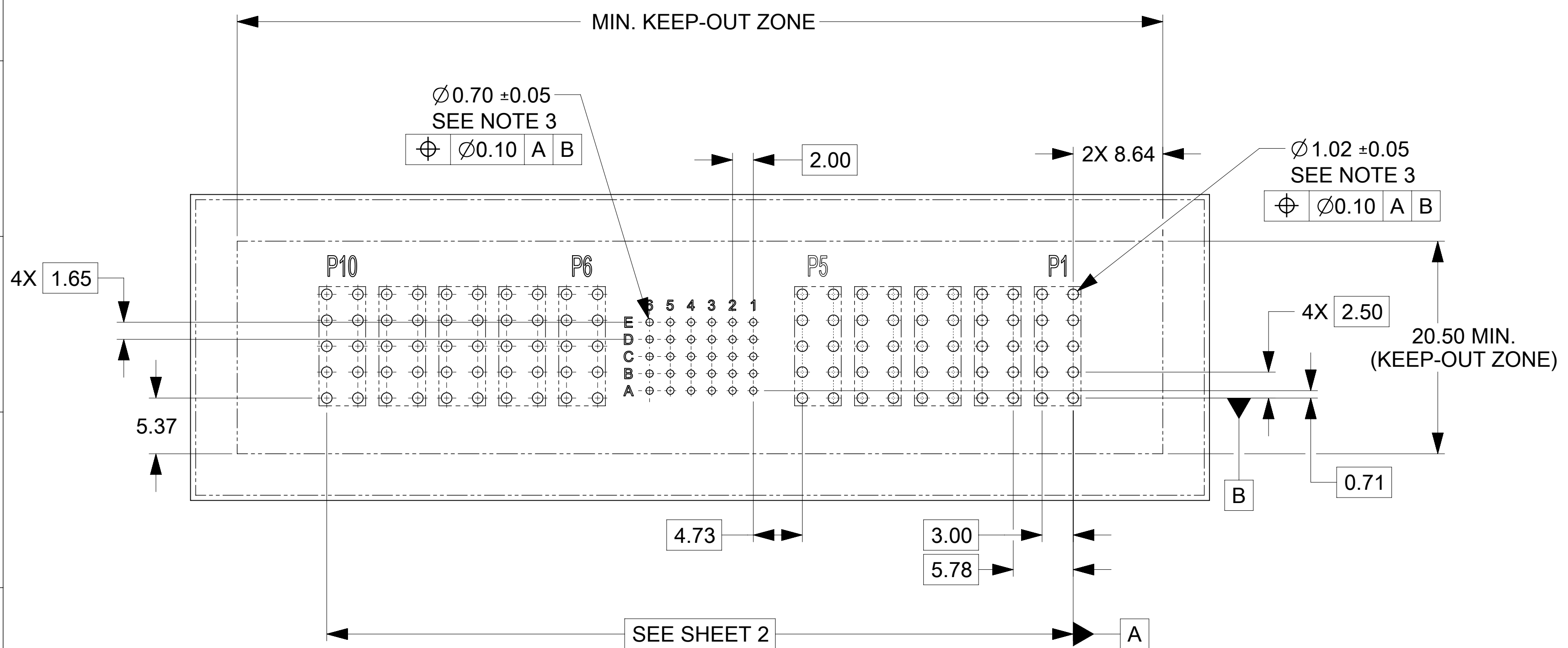


### PLUG MATED TO VERTICAL RECEPTACLE MATED PROFILE

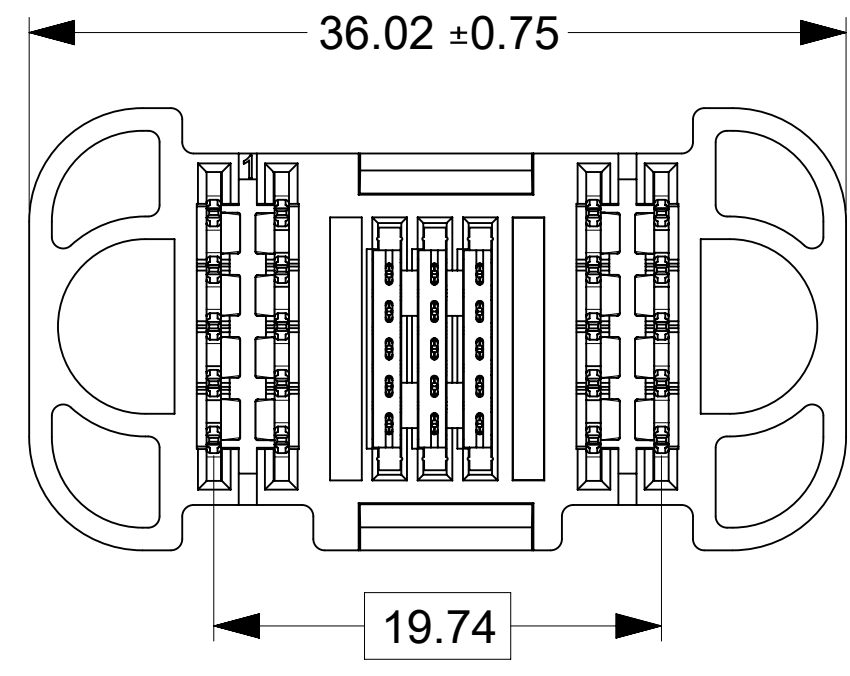
- NOTES:
- MATERIAL:
    - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
    - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
    - PLATING: 1.27 μm (50 μin) NICKEL OVERALL WITH  
2.54 μm (100 μin) SELECTIVE TIN ON TAILS AND  
0.762 μm (30 μin) SELECTIVE GOLD ON CONTACT AREA
  - PACKAGING: ASSEMBLIES TO BE TRAY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



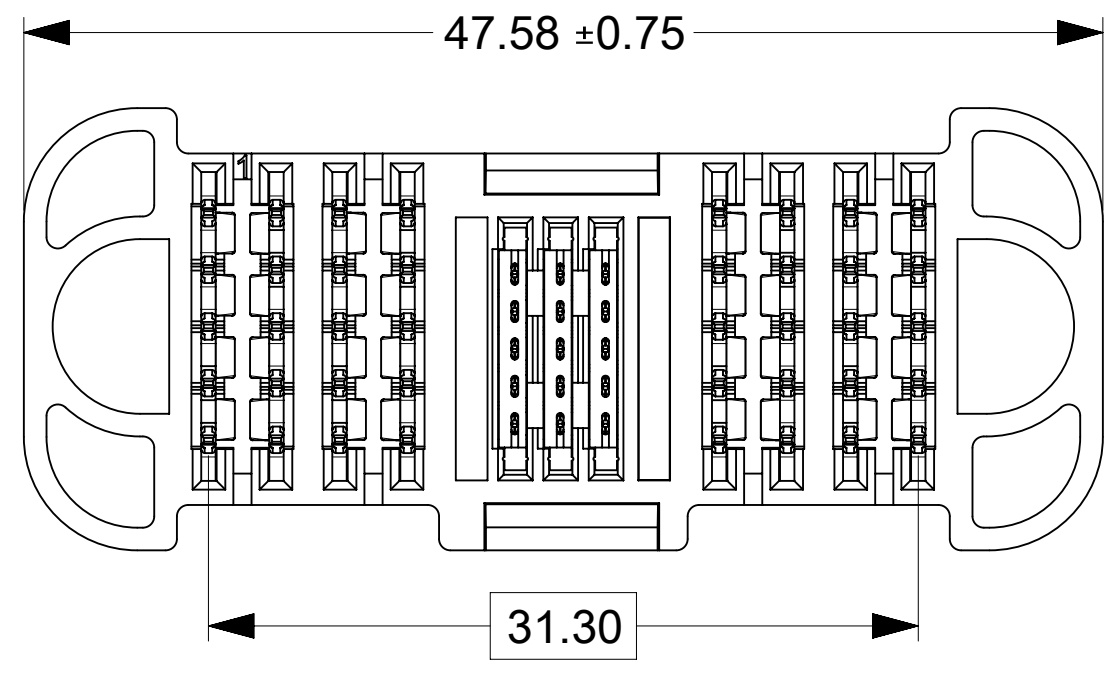
### RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

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		2022/03/31					
		APPR: BPISZCZOR		2022/08/04					
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
D-SIZE		219563		SEE CHART					
DOCUMENT STATUS		P1		RELEASE DATE		2023/04/11		17:05:26	
DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
2195639002-SD		PSD		000		A2			
SHEET NUMBER		1 OF 2							

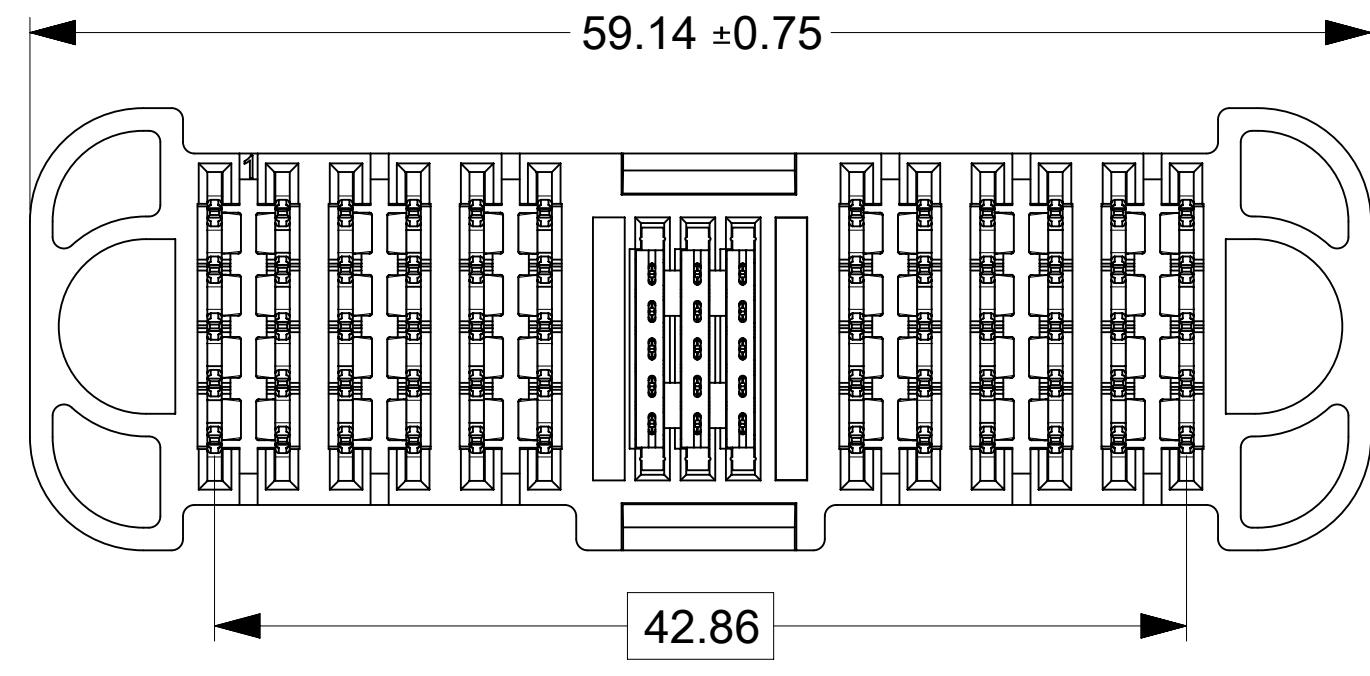
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0021	G+1P+15S+1P+G	140



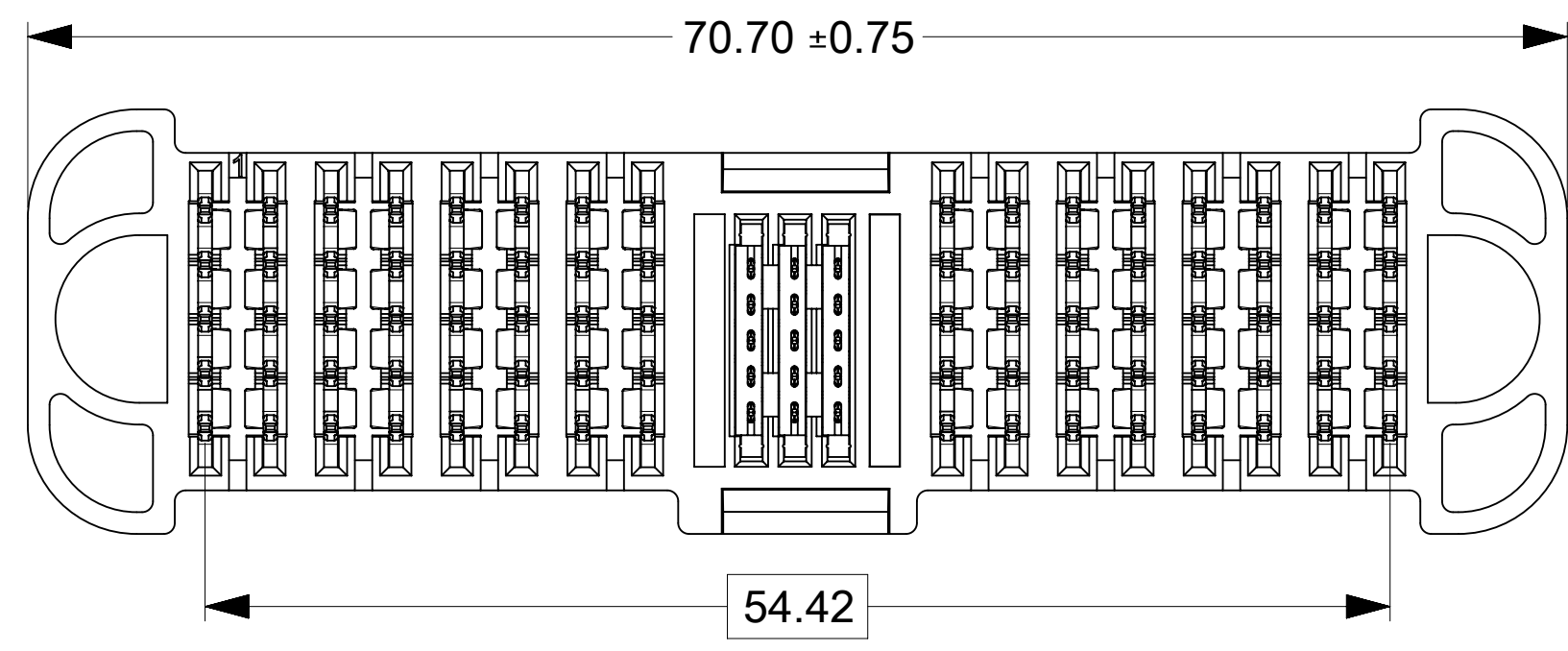
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0022	G+2P+15S+2P+G	100



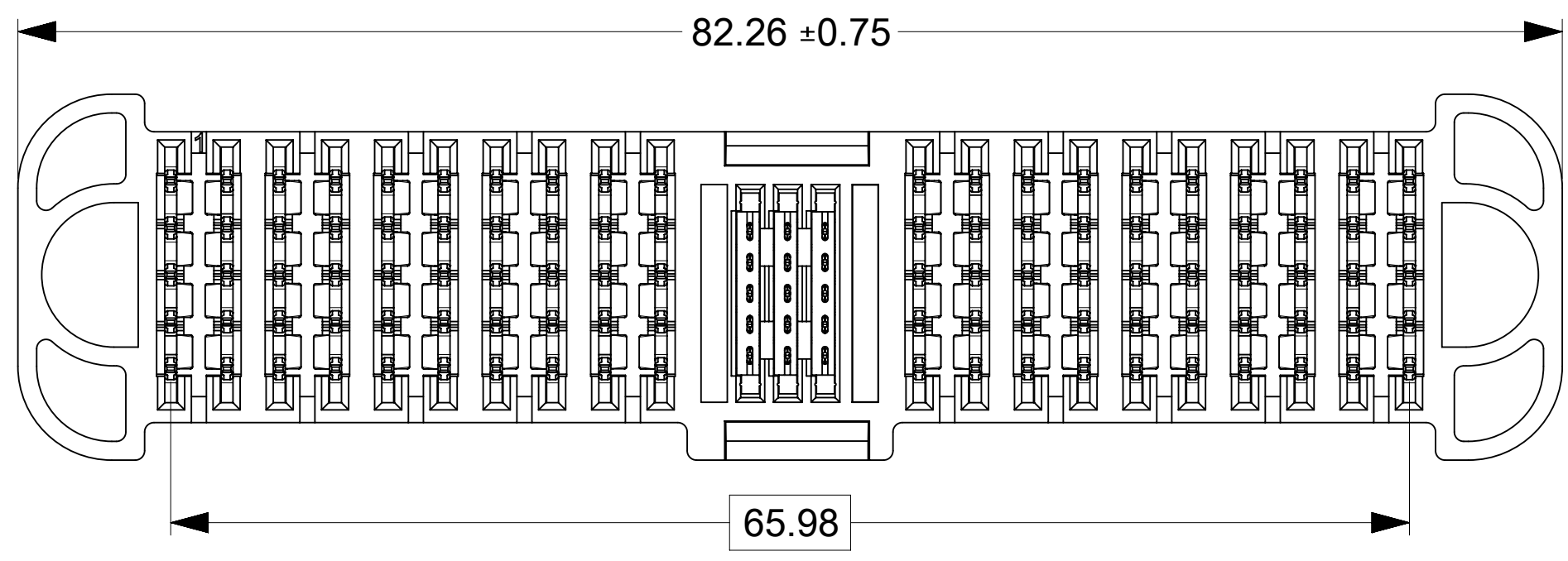
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0023	G+3P+15S+3P+G	80



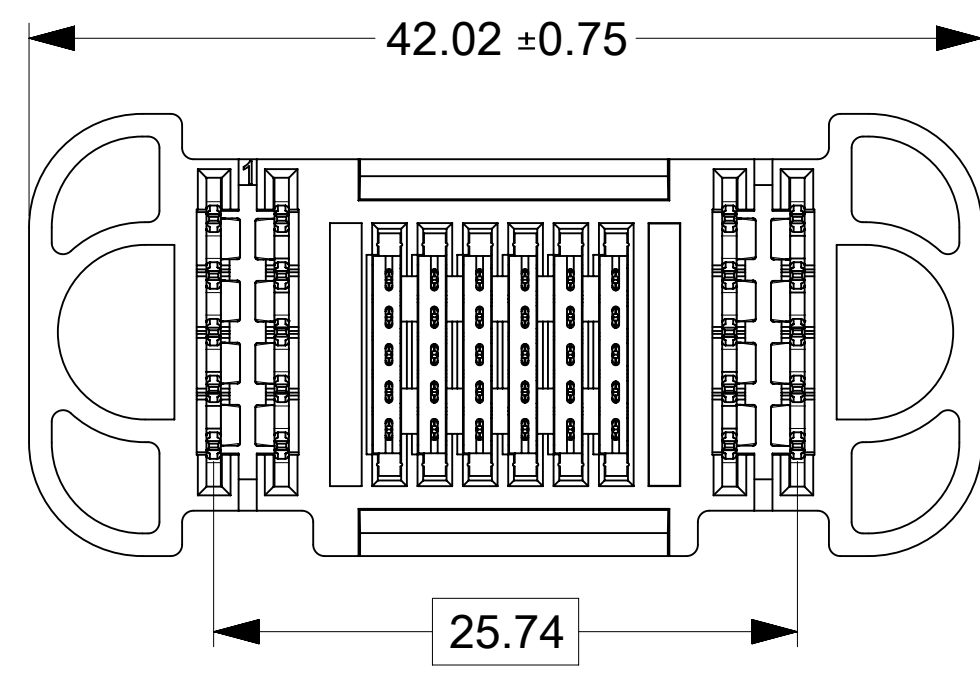
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0024	G+4P+15S+4P+G	60



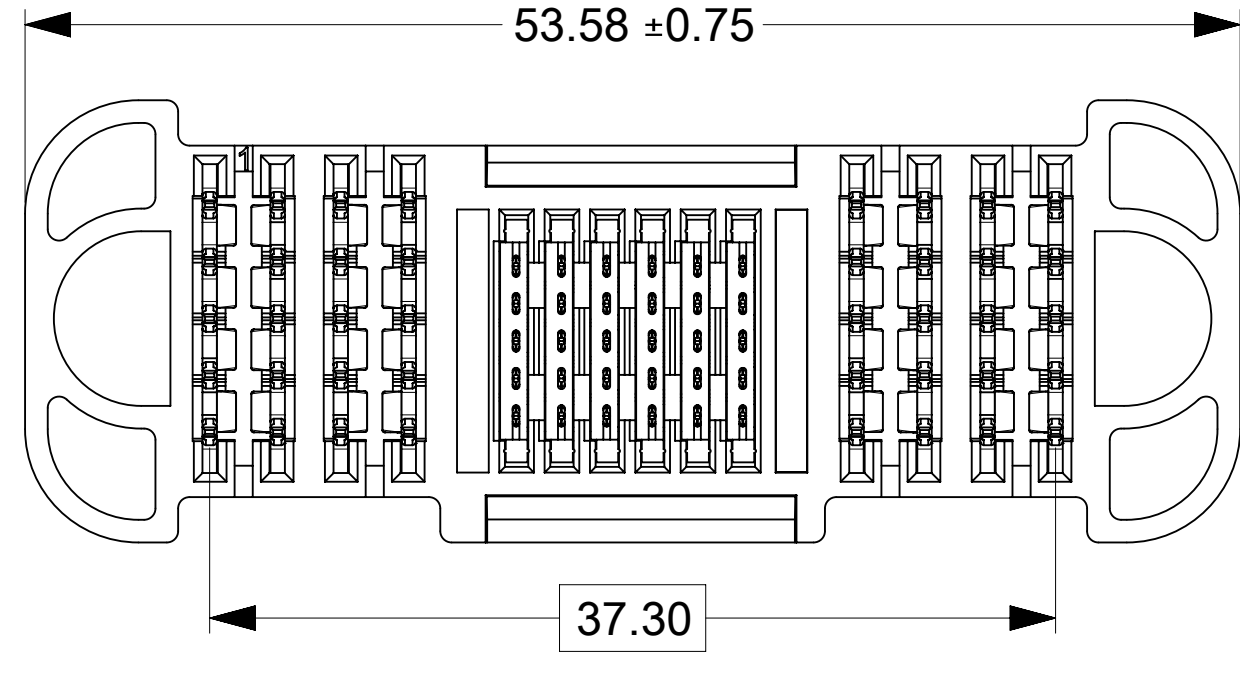
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0025	G+5P+15S+5P+G	60



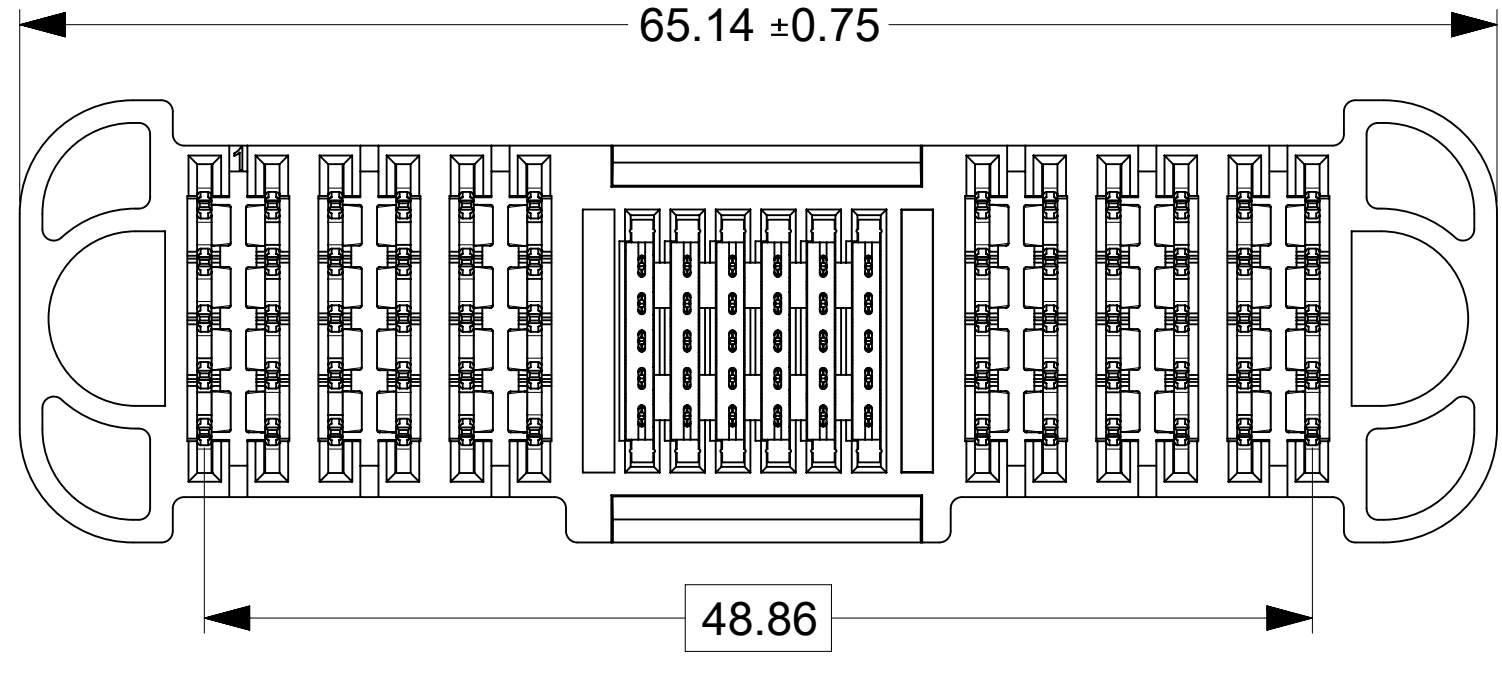
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0026	G+1P+30S+1P+G	120



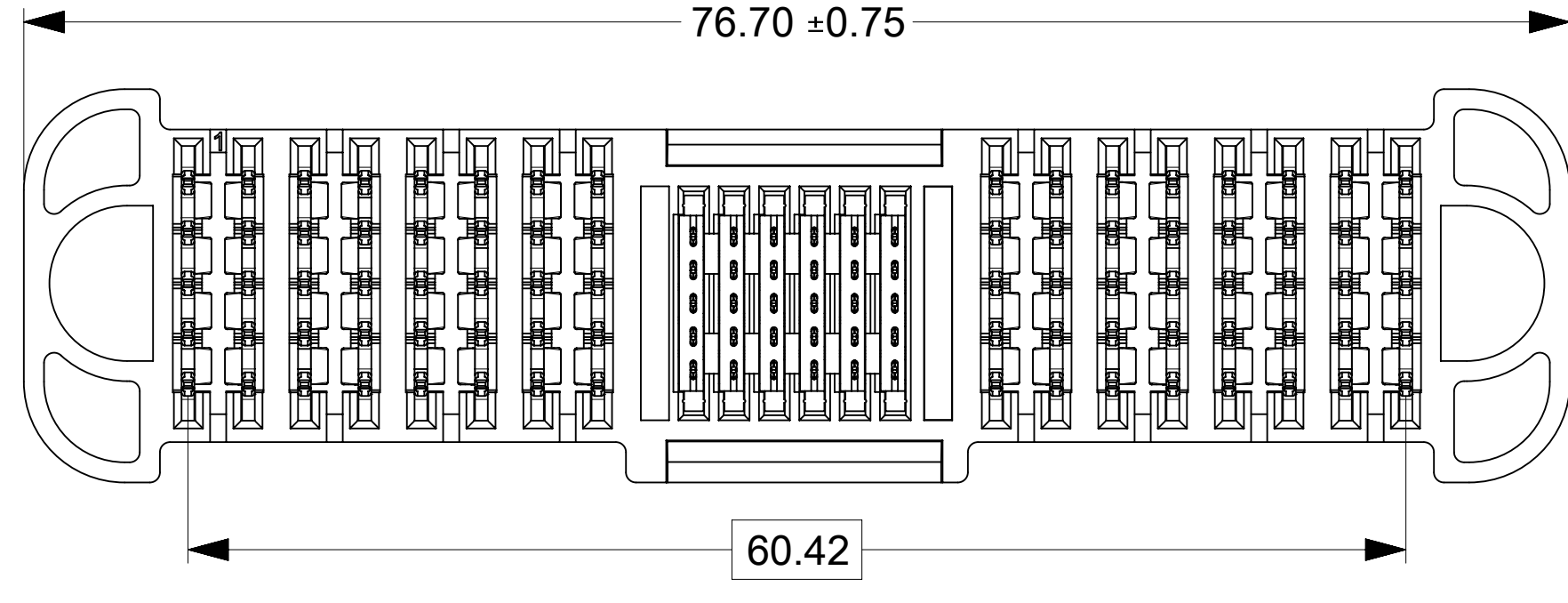
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0027	G+2P+30S+2P+G	100



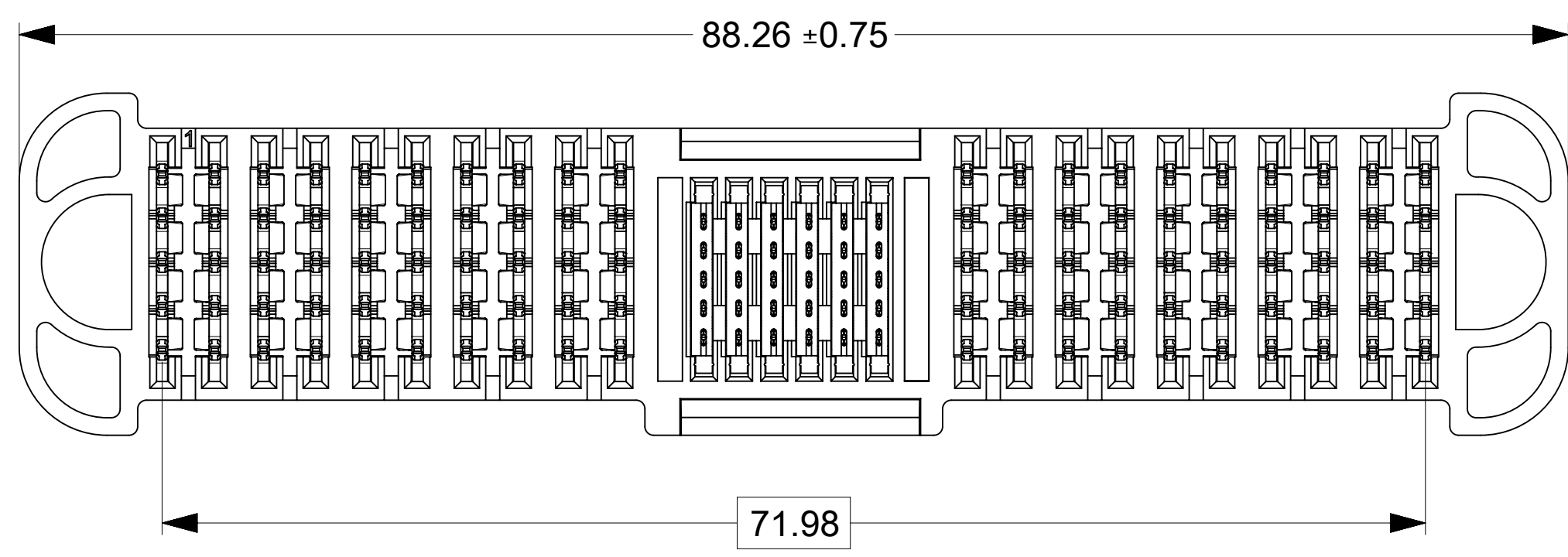
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0028	G+3P+30S+3P+G	80



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0029	G+4P+30S+4P+G	60



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0030	G+5P+30S+5P+G	60



**\* 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 ±		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		2022/03/31							
		APPR: BPISZCZOR		2022/08/04							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						D-SIZE		219563		SEE CHART	
										SHEET NUMBER	
										2 OF 2	

**molex**

GUARDIAN HD VREC DUAL POWER SIGNAL CENTER PF

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195639002-SD	PSD	000	A2

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11	17:05:26
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