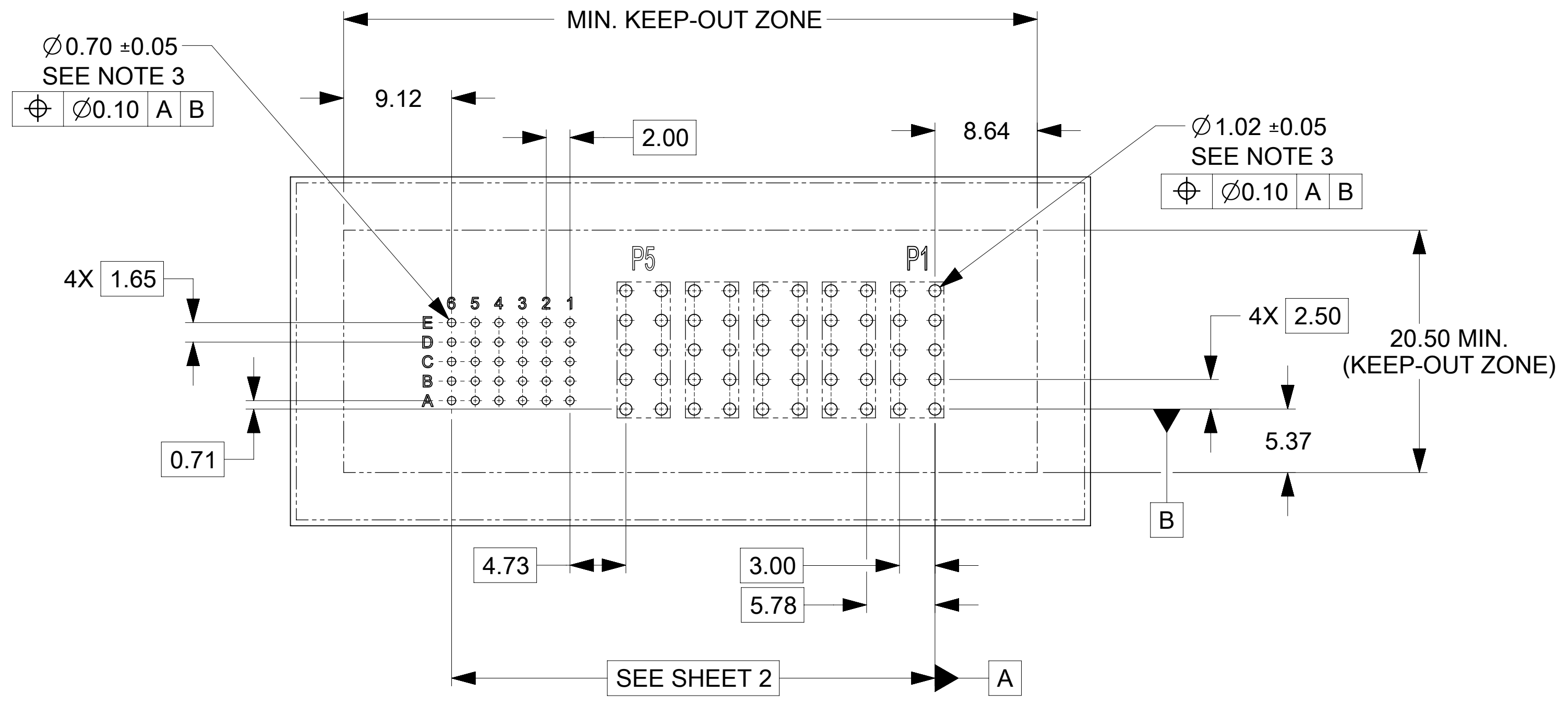


**PLUG MATED TO VERTICAL RECEPTACLE  
MATED PROFILE**

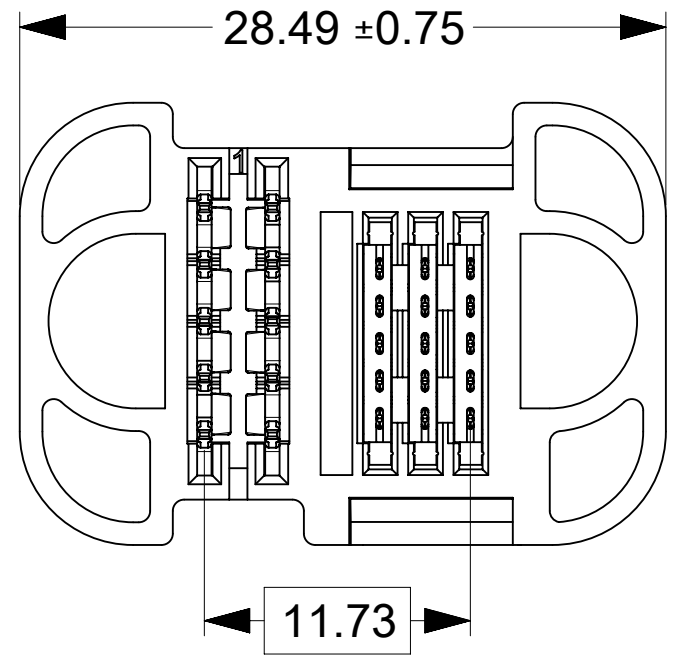


- NOTES:**
- MATERIAL:**
    - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
    - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
    - PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH  
2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND  
0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
  - PACKAGING:** ASSEMBLIES TO BE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

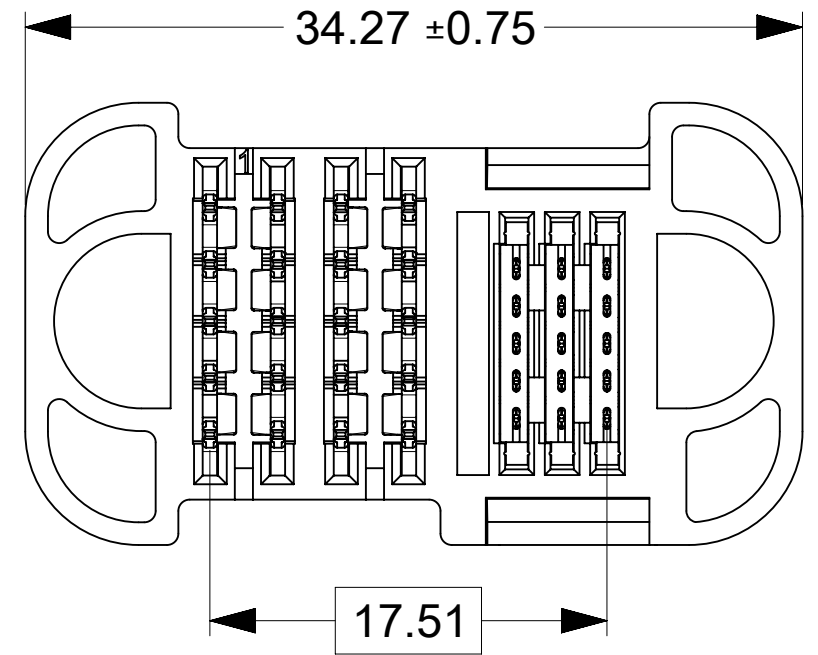
**RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE**

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
DIMENSION UNITS <b>mm</b>	SCALE <b>3:1</b>	CURRENT REV DESC:	
GENERAL TOLERANCES (UNLESS SPECIFIED)		<p><b>molex</b></p> <p>GUARDIAN HD VREC RIGHT SIGNAL WITH POWER PF</p> <p>PRODUCT CUSTOMER DRAWING</p>	
ANGULAR TOL	± °		
4 PLACES	±		
3 PLACES	±		
2 PLACES	± 0.25		
1 PLACE	± 0.3		
0 PLACES	±	EC NO: 745288	2023/03/23
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: LZABJANOVSKI	2023/04/10
THIRD ANGLE PROJECTION		CHK'D: JAYK1	2023/04/10
DRAWING		APPR: JAYK1	2023/04/10
SERIES		INITIAL REVISION:	
D-SIZE		DRWN: LZABJANOVSKI	2022/03/31
219563		APPR: BPISZCZOR	2022/08/04
MATERIAL NUMBER	CUSTOMER	DOCUMENT NUMBER	DOC TYPE DOC PART REVISION
		<b>2195639001-SD</b>	PSD 000 A2
SHEET NUMBER		1 OF 2	

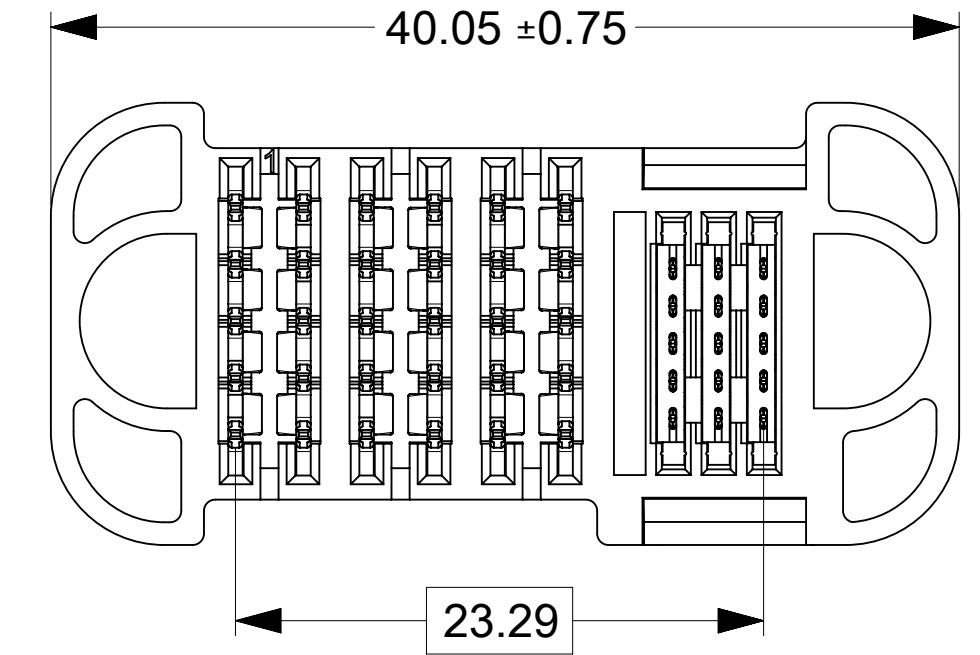
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0011	G+1P+15S+G	180



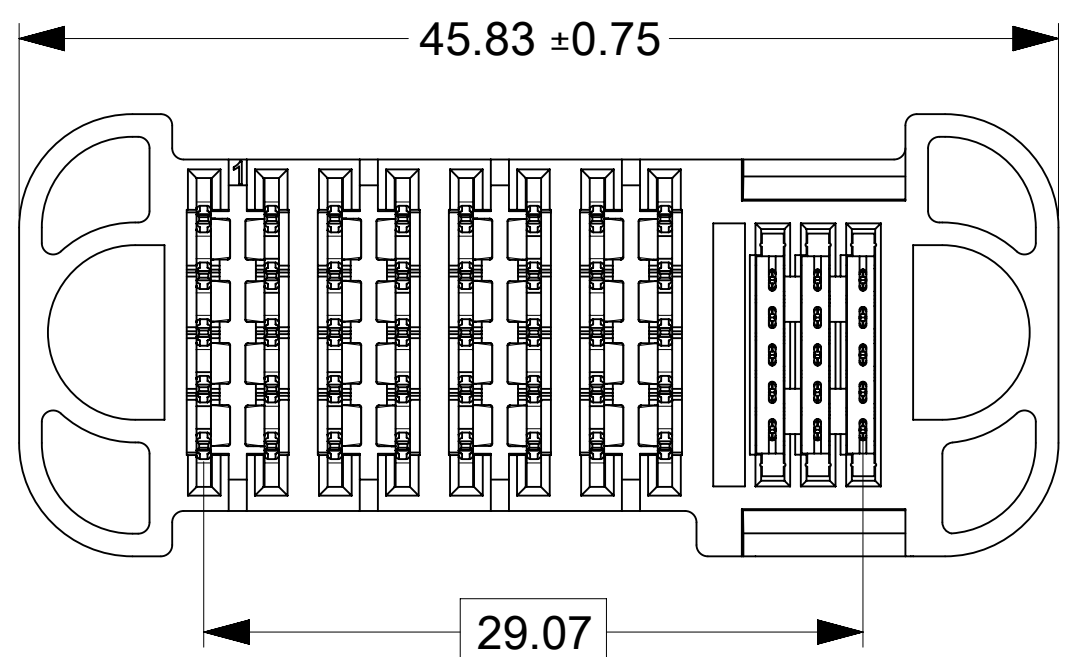
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0012	G+2P+15S+G	160



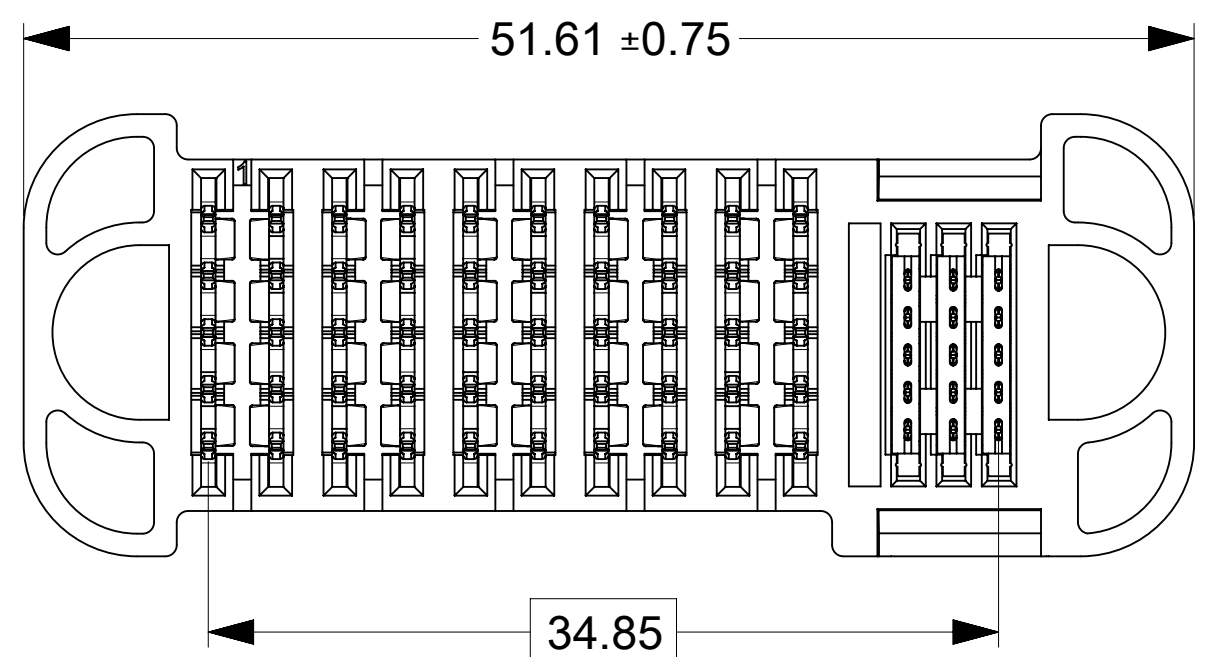
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0013	G+3P+15S+G	140



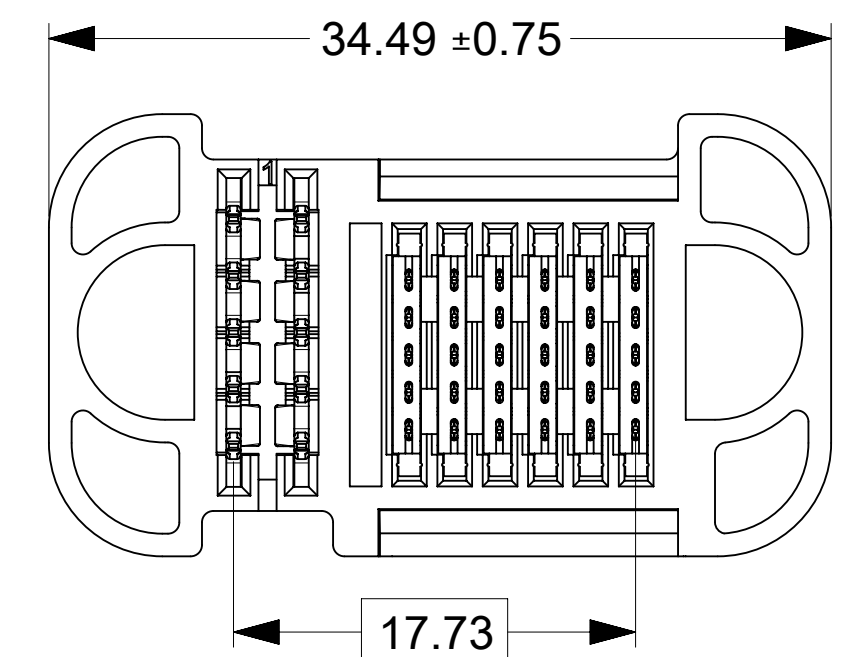
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0014	G+4P+15S+G	120



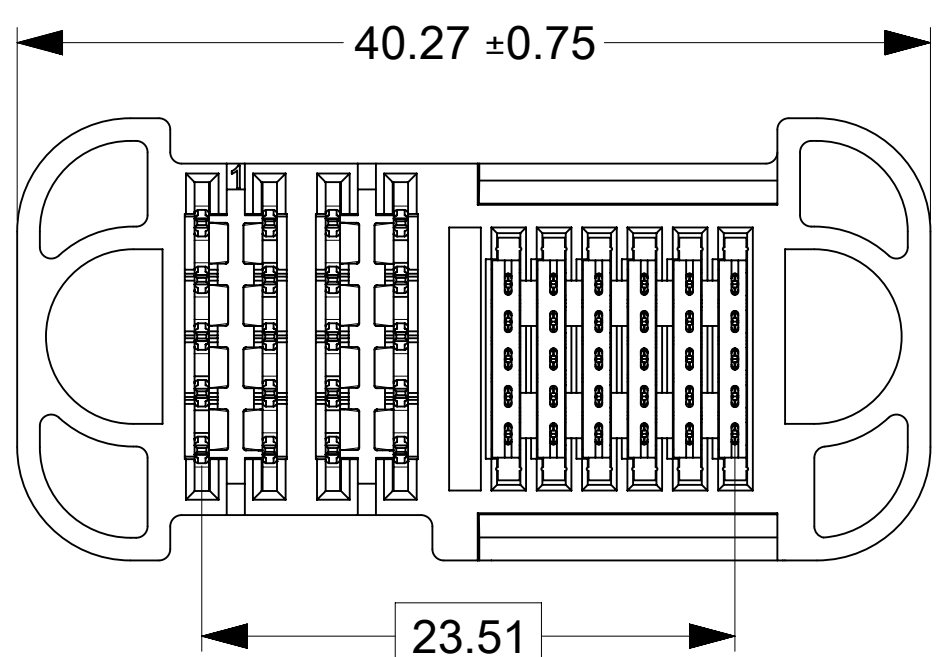
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0015	G+5P+15S+G	100



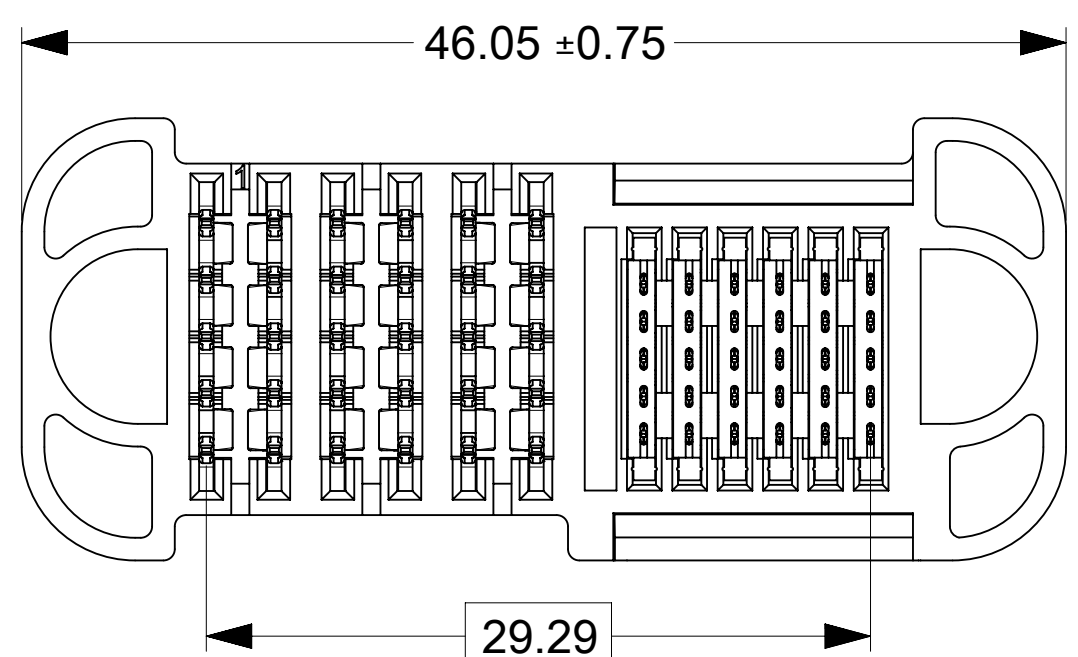
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0016	G+1P+30S+G	160



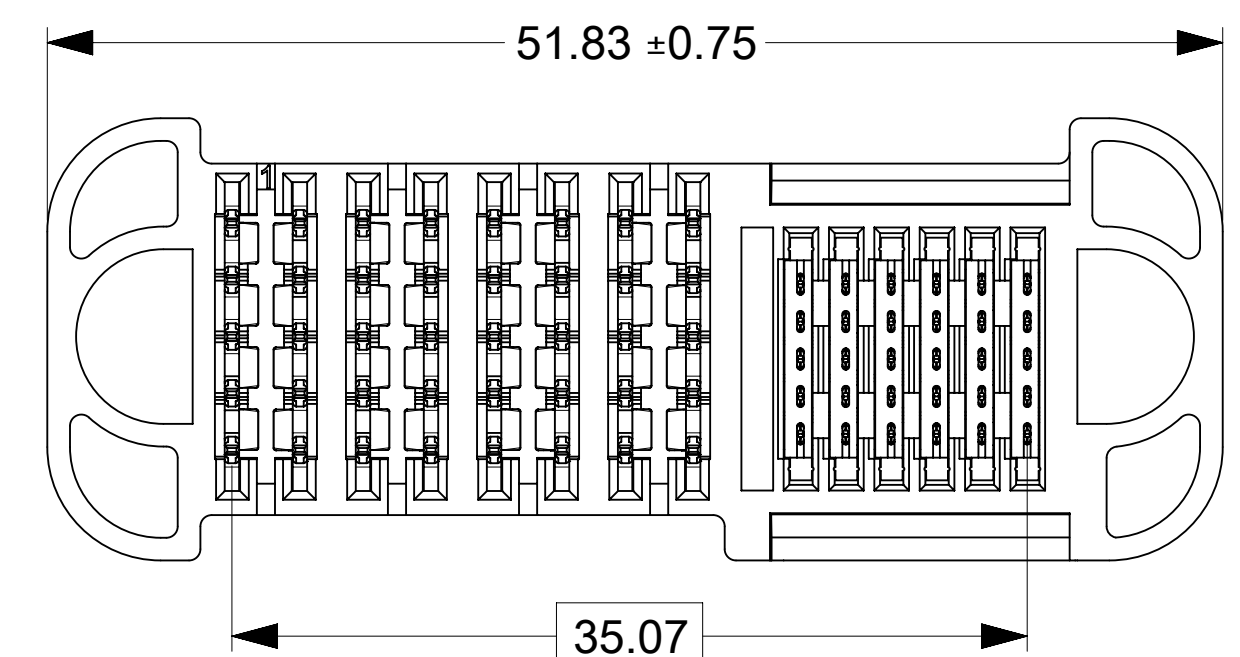
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0017	G+2P+30S+G	120



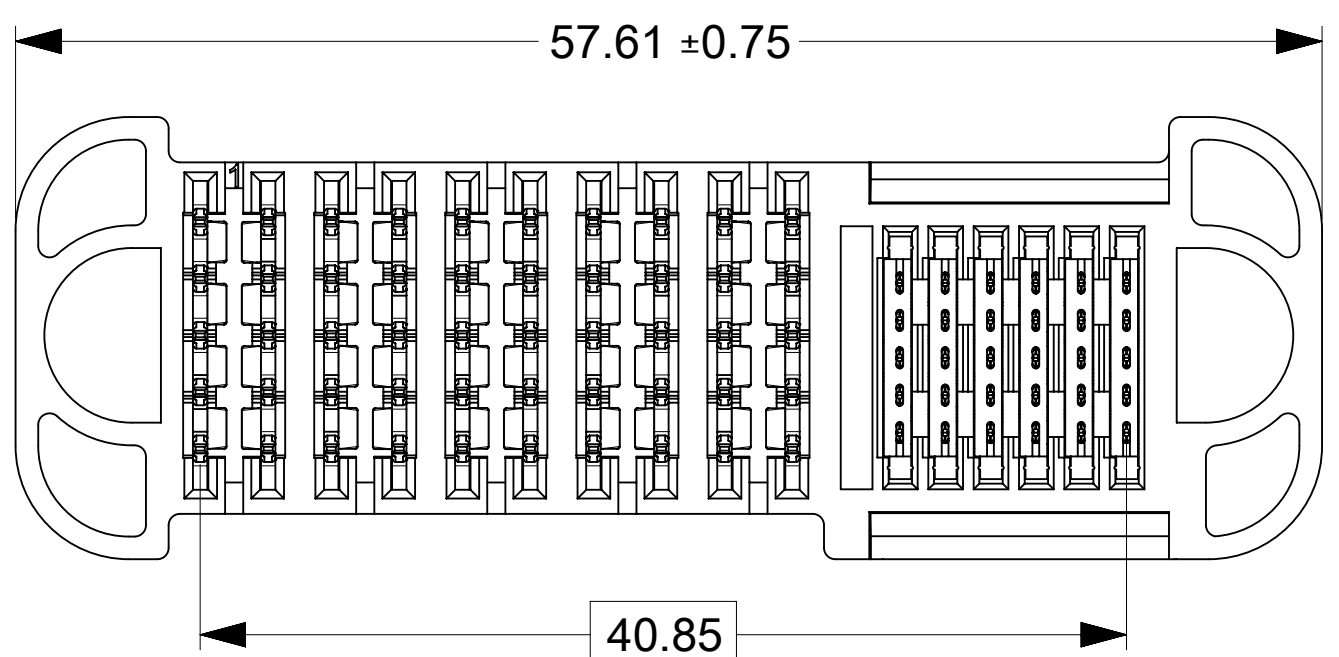
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0018	G+3P+30S+G	120



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0019	G+4P+30S+G	100



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0020	G+5P+30S+G	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		THIRD ANGLE PROJECTION	DRAWING SERIES
			D-SIZE 219563
		MATERIAL NUMBER	CUSTOMER
		SEE CHART	
		SHEET NUMBER	2 OF 2
		EC NO: 745288	
		DRWN: LZABJANOVSKI	2023/03/23
		CHK'D: JAYK1	2023/04/10
		APPR: JAYK1	2023/04/10
		INITIAL REVISION:	
		DRWN: LZABJANOVSKI	2022/03/31
		APPR: BPISZCZOR	2022/08/04
		DOCUMENT NUMBER	DOC TYPE DOC PART REVISION
		2195639001-SD	PSD 000 A2
		GUARDIAN HD VREC RIGHT SIGNAL WITH POWER PF	
		PRODUCT CUSTOMER DRAWING	