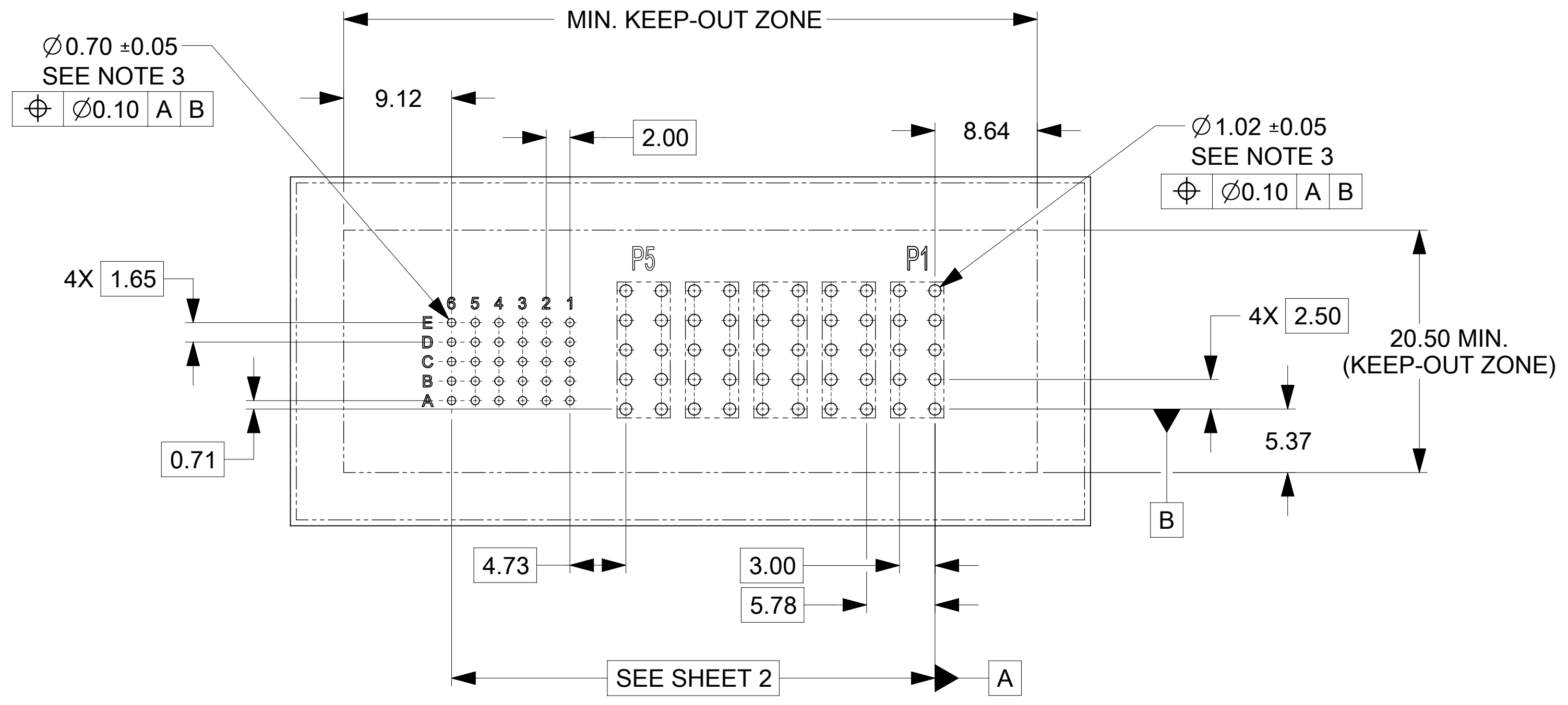


**PLUG MATED TO VERTICAL RECEPTACLE  
MATED PROFILE**

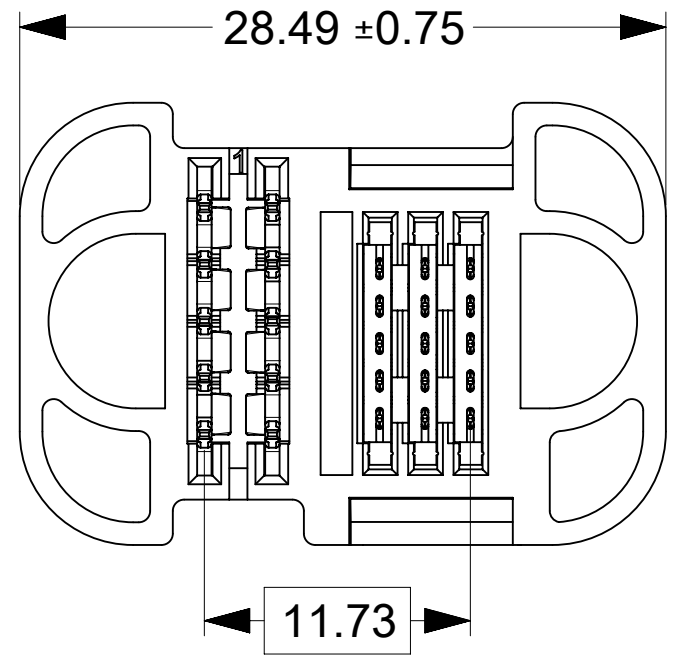
- NOTES:
- MATERIAL:
    - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
    - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
    - PLATING: 1.27 μm (50 μin) NICKEL OVERALL WITH  
2.54 μm (100 μin) SELECTIVE TIN ON TAILS AND  
0.762 μm (30 μin) SELECTIVE GOLD ON CONTACT AREA
  - PACKAGING: ASSEMBLIES TO BE TRAY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



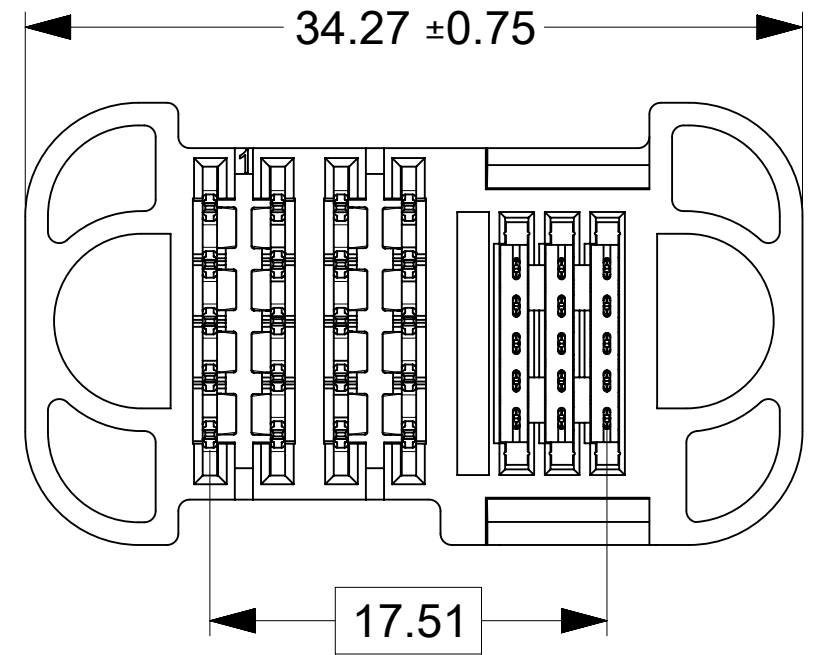
**RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE**

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:							
				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					
				DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION		
				2195639001-SD			PSD	000	A2		
				MATERIAL NUMBER			CUSTOMER			SHEET NUMBER	
										1 OF 2	

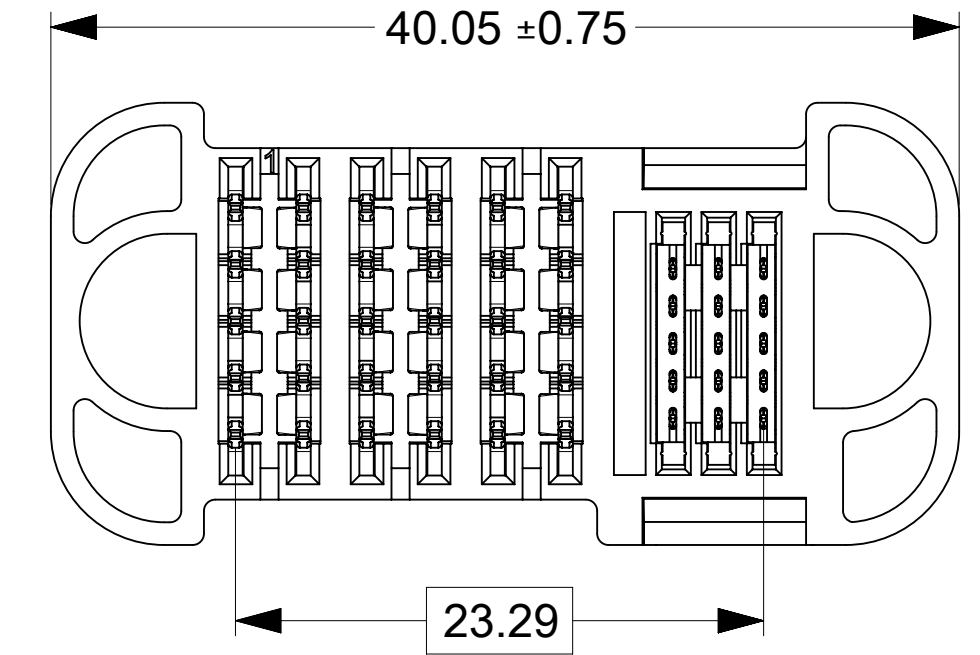
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0011	G+1P+15S+G	180



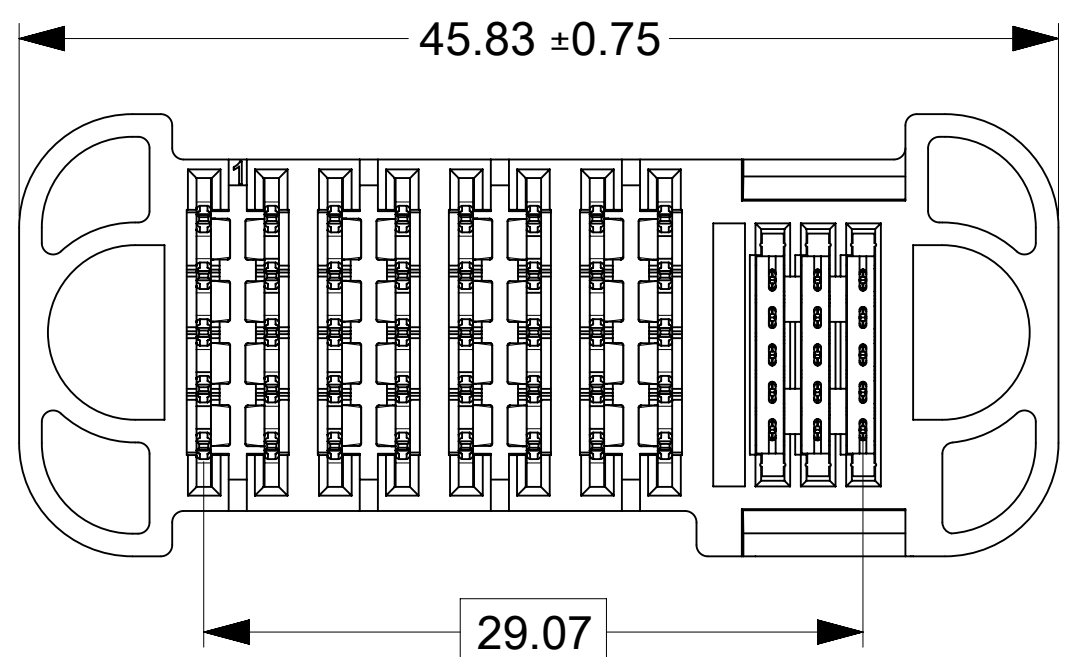
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0012	G+2P+15S+G	160



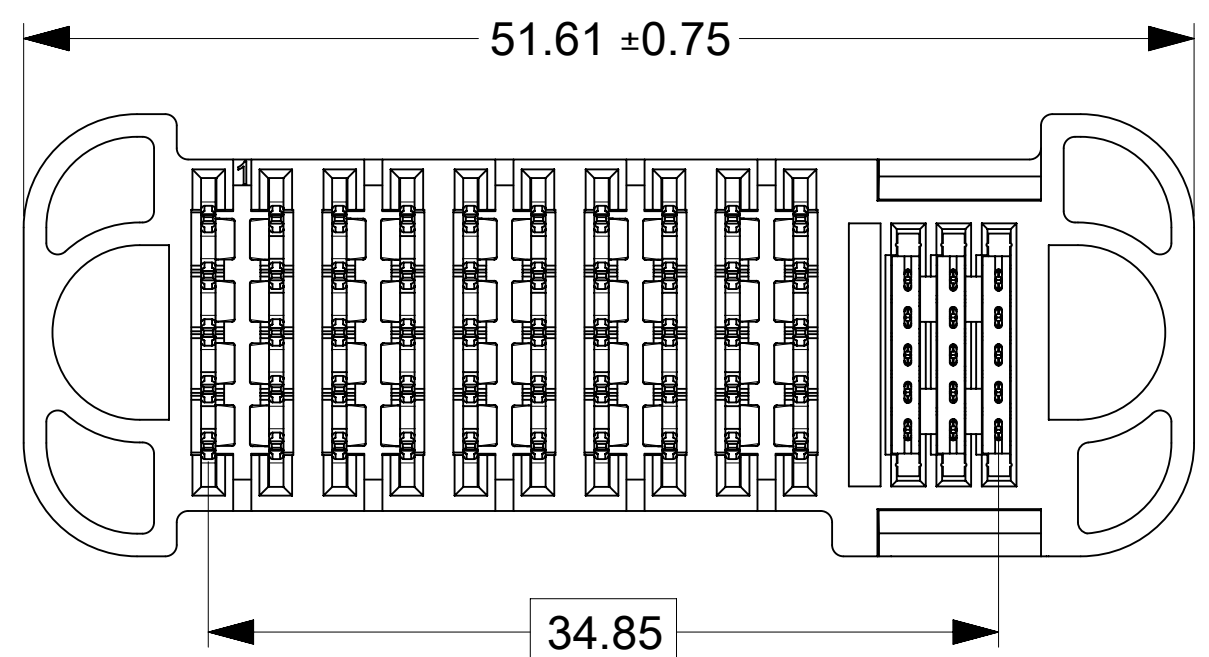
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0013	G+3P+15S+G	140



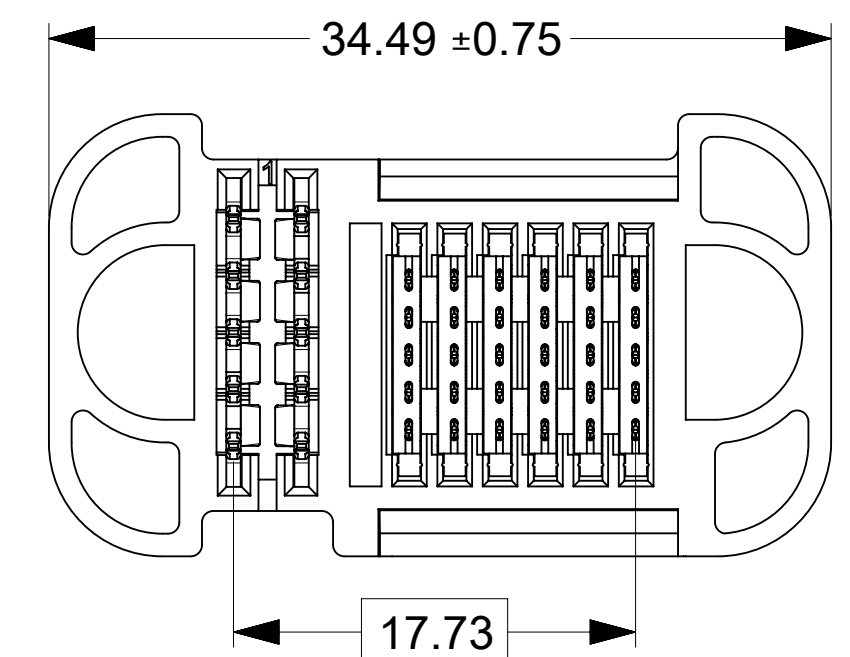
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0014	G+4P+15S+G	120



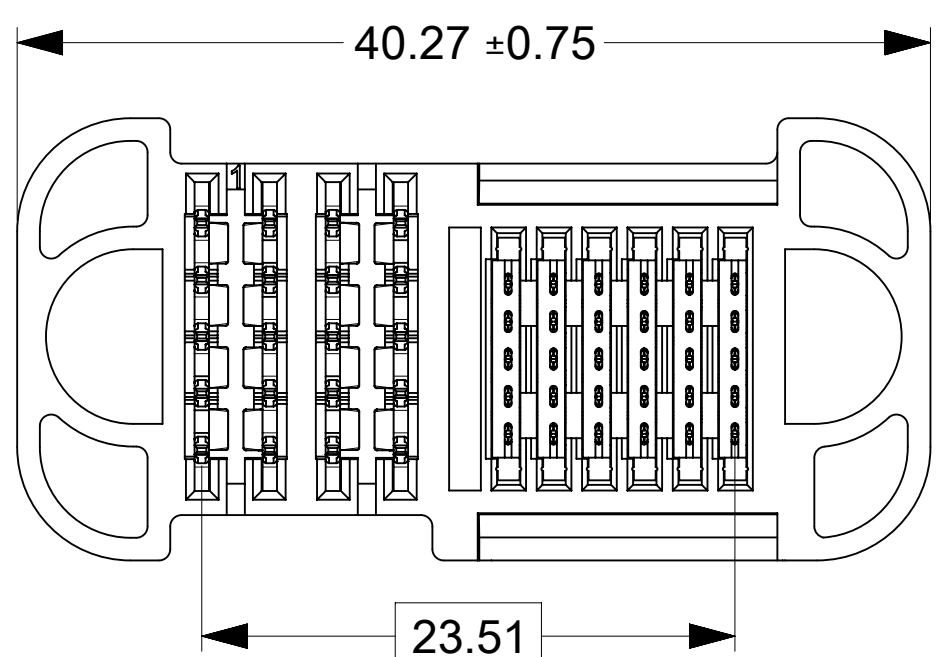
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0015	G+5P+15S+G	100



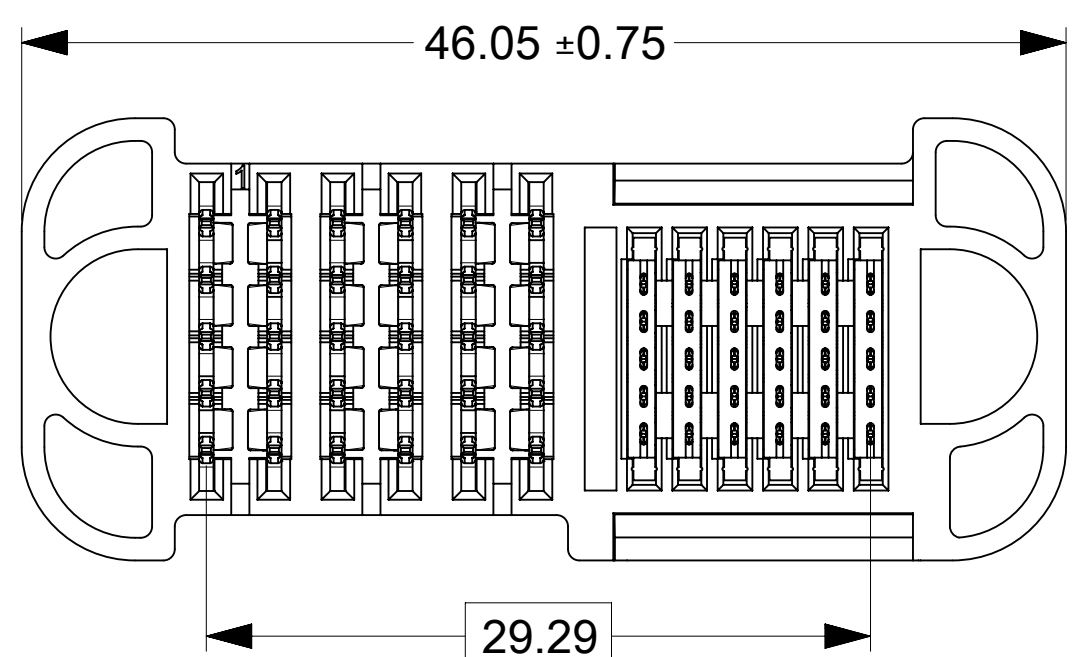
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0016	G+1P+30S+G	160



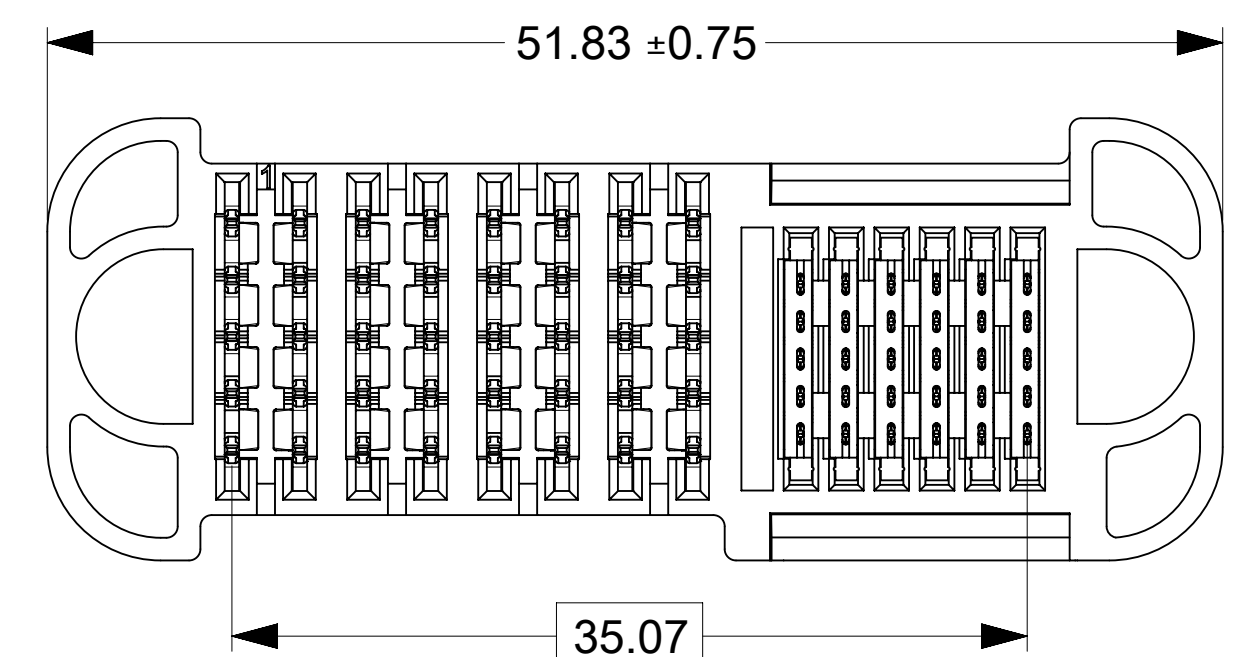
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0017	G+2P+30S+G	120



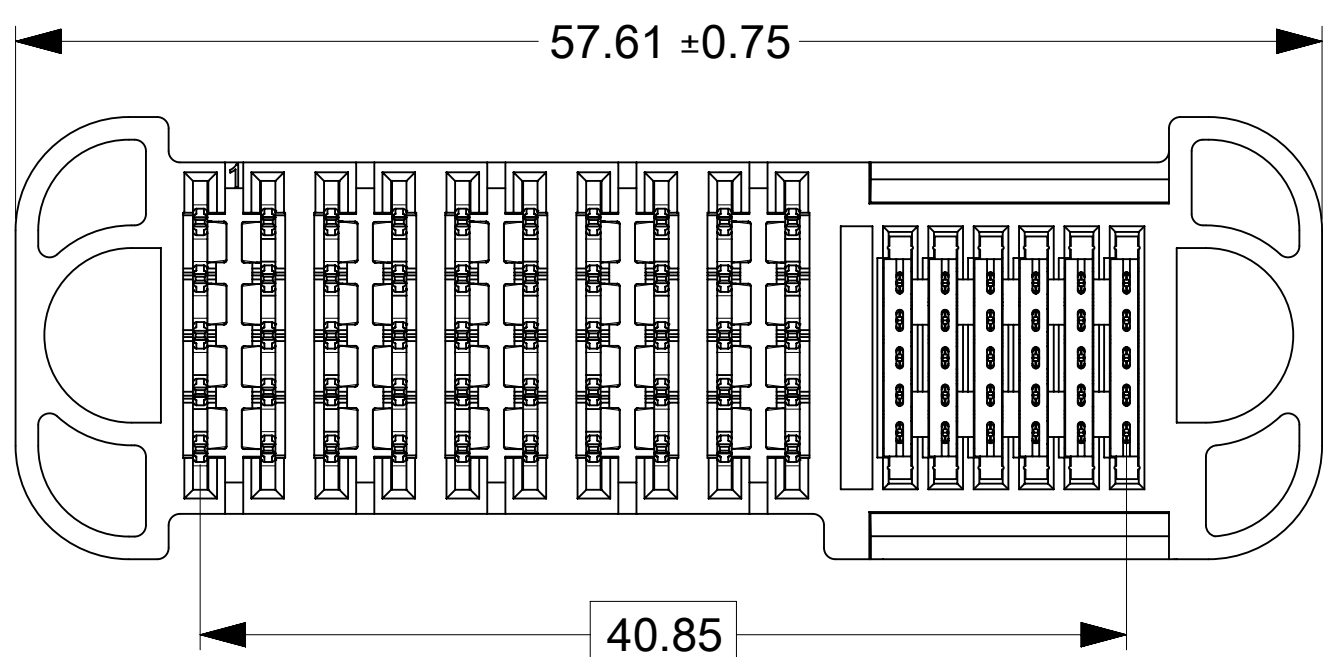
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0018	G+3P+30S+G	120



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	±	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		THIRD ANGLE PROJECTION		DRAWING	SERIES
		D-SIZE		219563	
		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
		SEE CHART			2 OF 2

**GUARDIAN HD VREC RIGHT SIGNAL WITH POWER PF**

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195639001-SD	PSD	000	A2