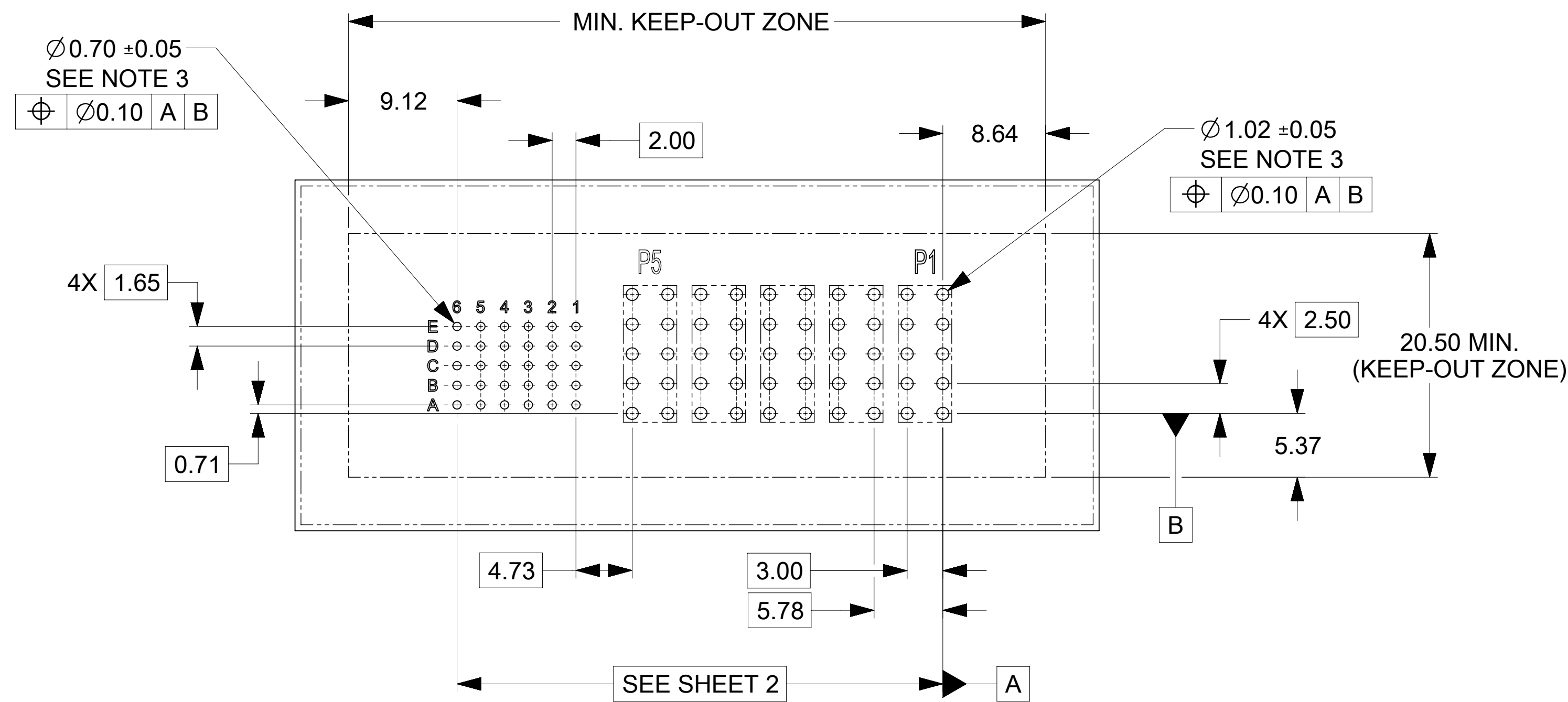


**PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE**



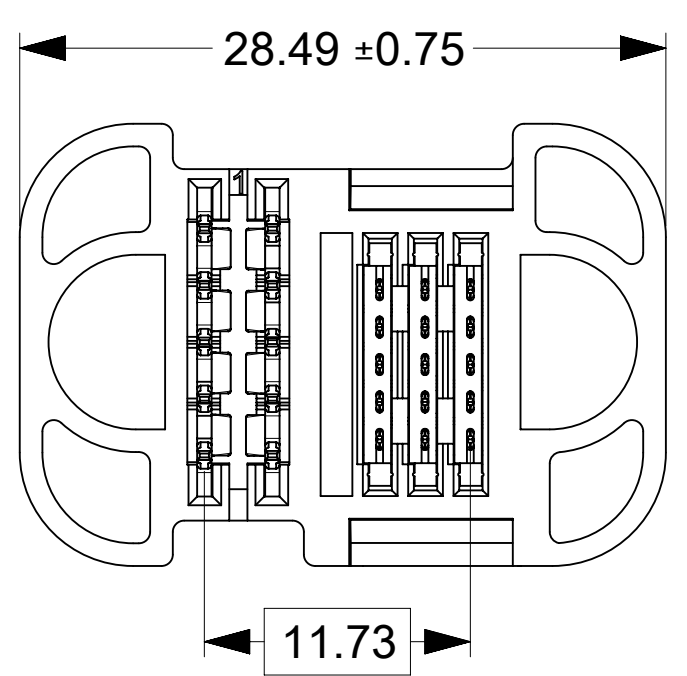
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

NOTES:

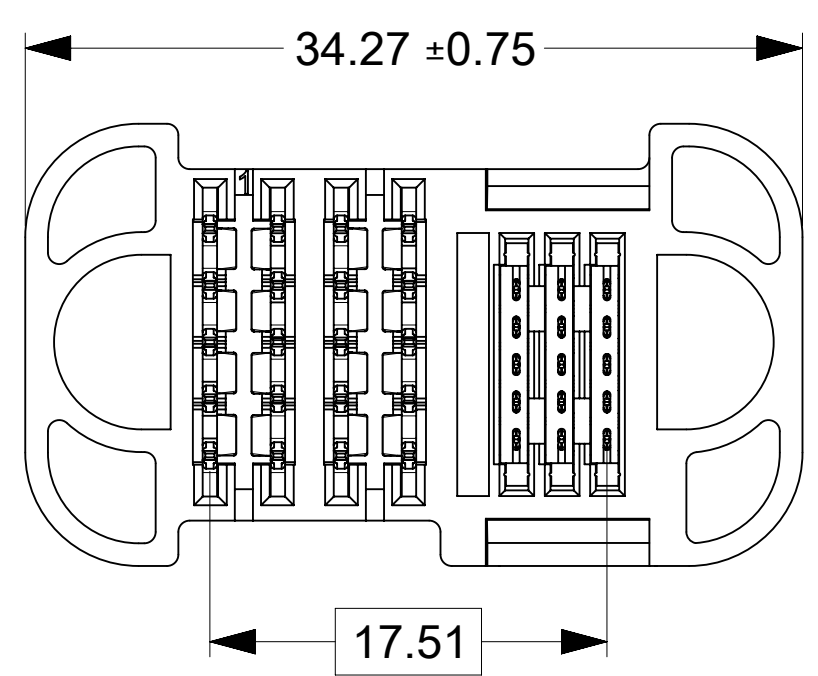
- MATERIAL:**
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH 2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND 0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
- PACKAGING:** ASSEMBLIES TO BE TRAY PACKED PER PACKAGING 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:							
				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					
				GUARDIAN HD VREC RIGHT SIGNAL WITH POWER PF							
				PRODUCT CUSTOMER DRAWING							
				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				2195639001-SD		PSD		000		A2	
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
								1 OF 2			

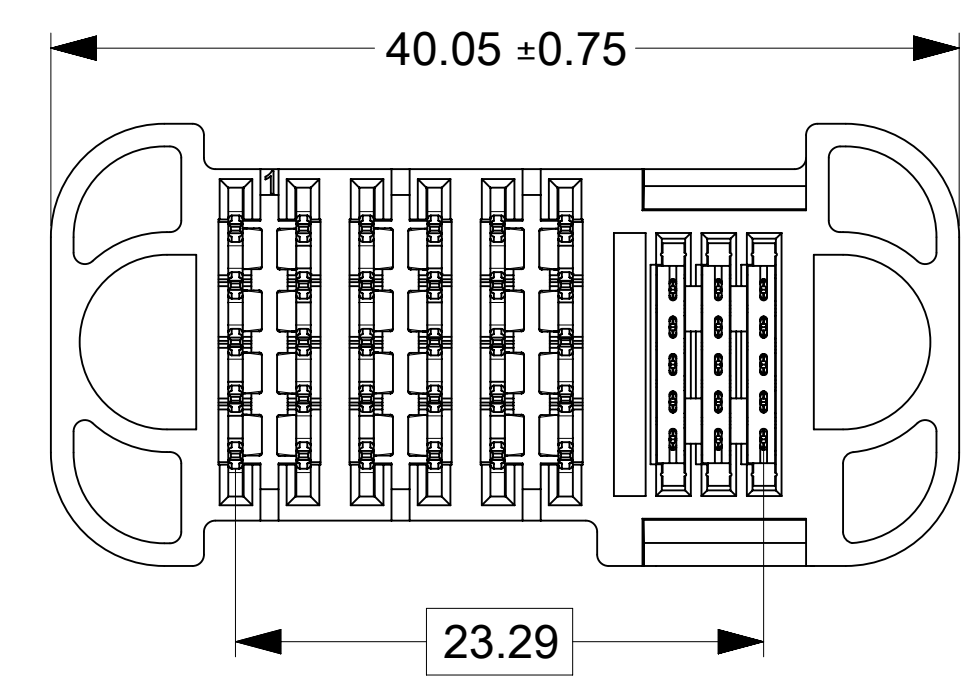
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0011	G+1P+15S+G	180



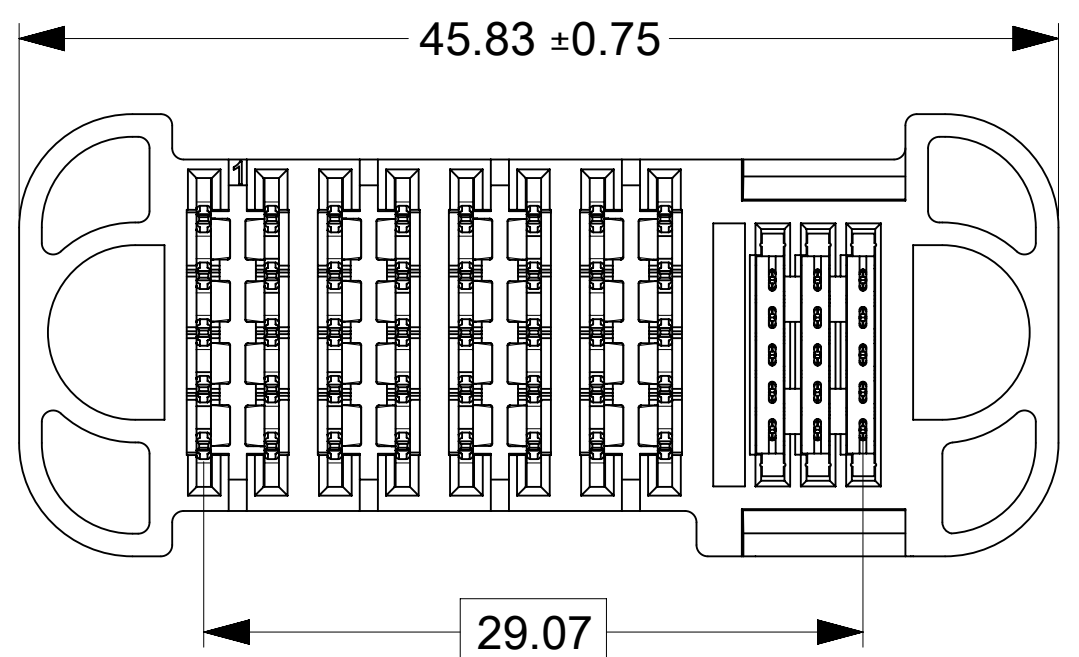
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0012	G+2P+15S+G	160



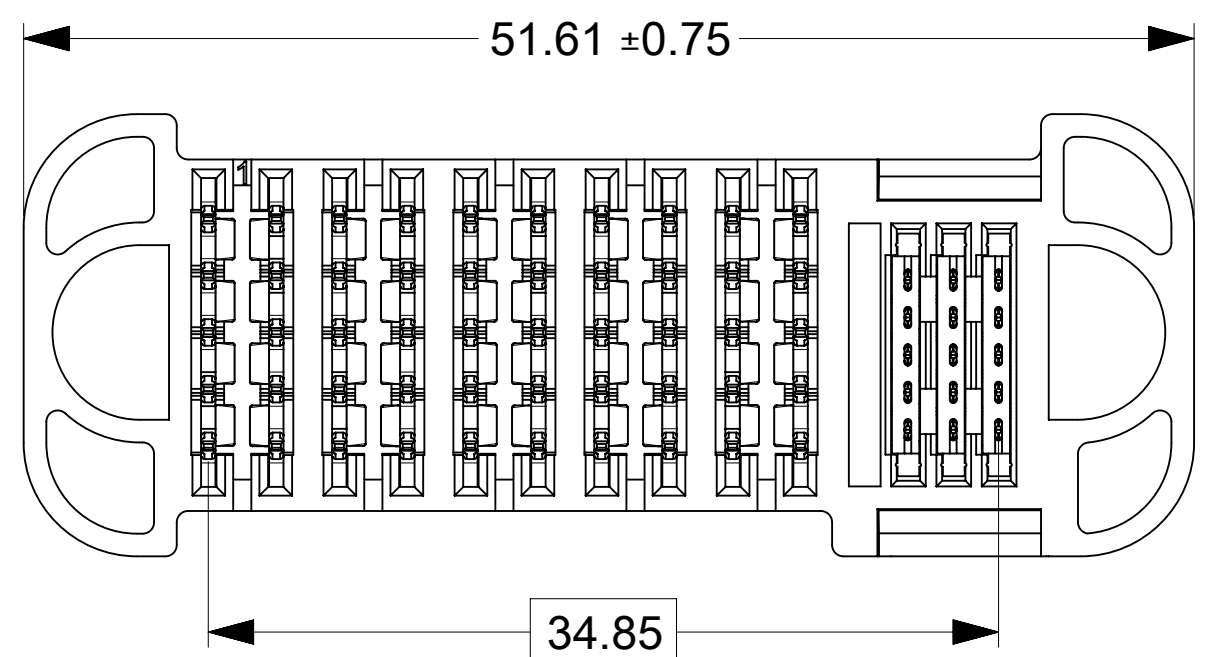
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0013	G+3P+15S+G	140



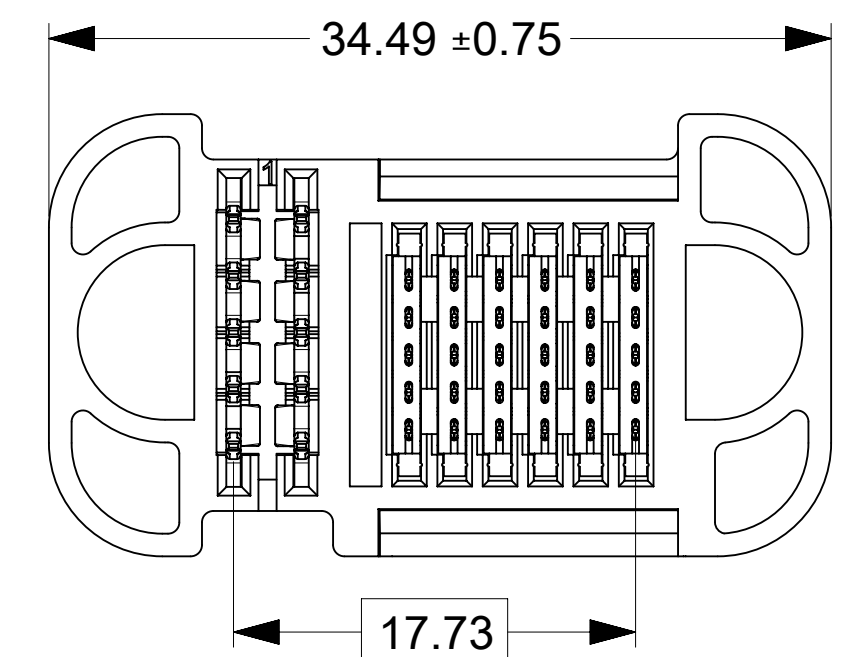
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0014	G+4P+15S+G	120



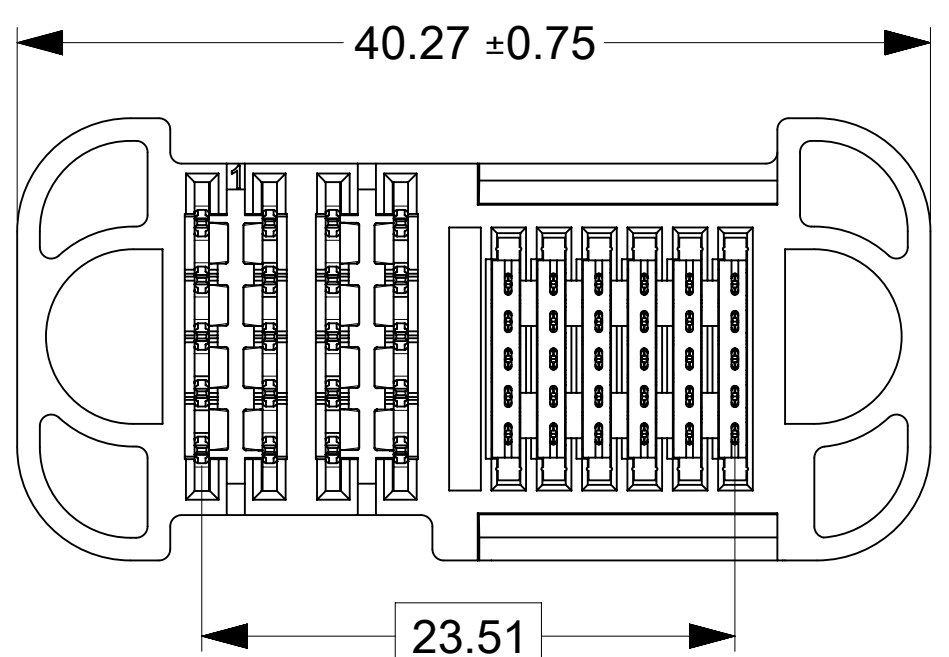
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0015	G+5P+15S+G	100



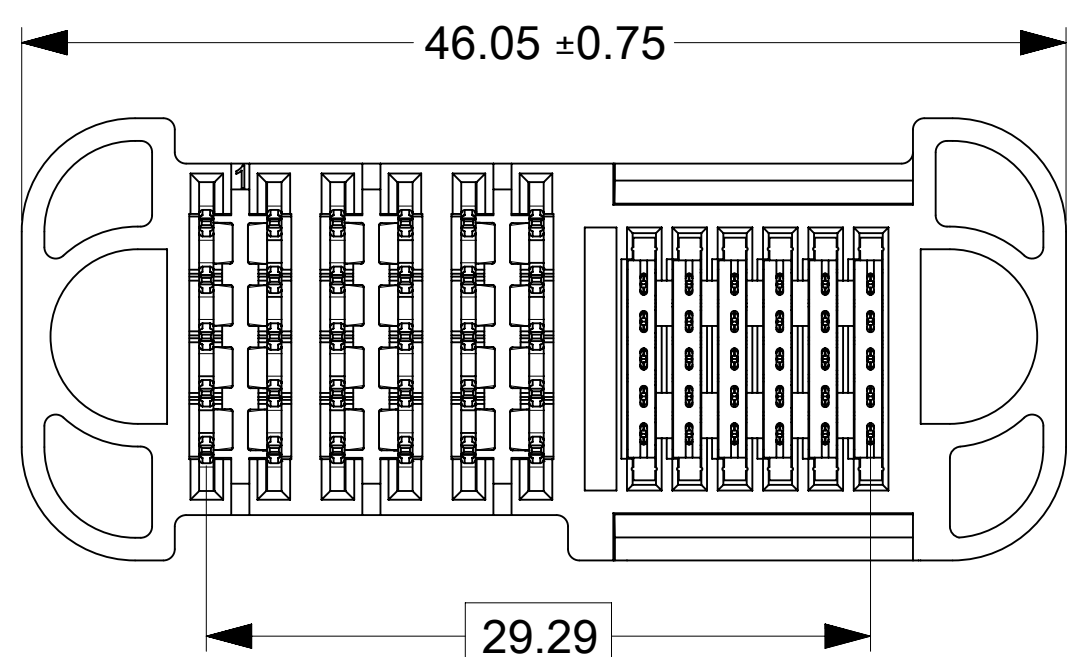
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0016	G+1P+30S+G	160



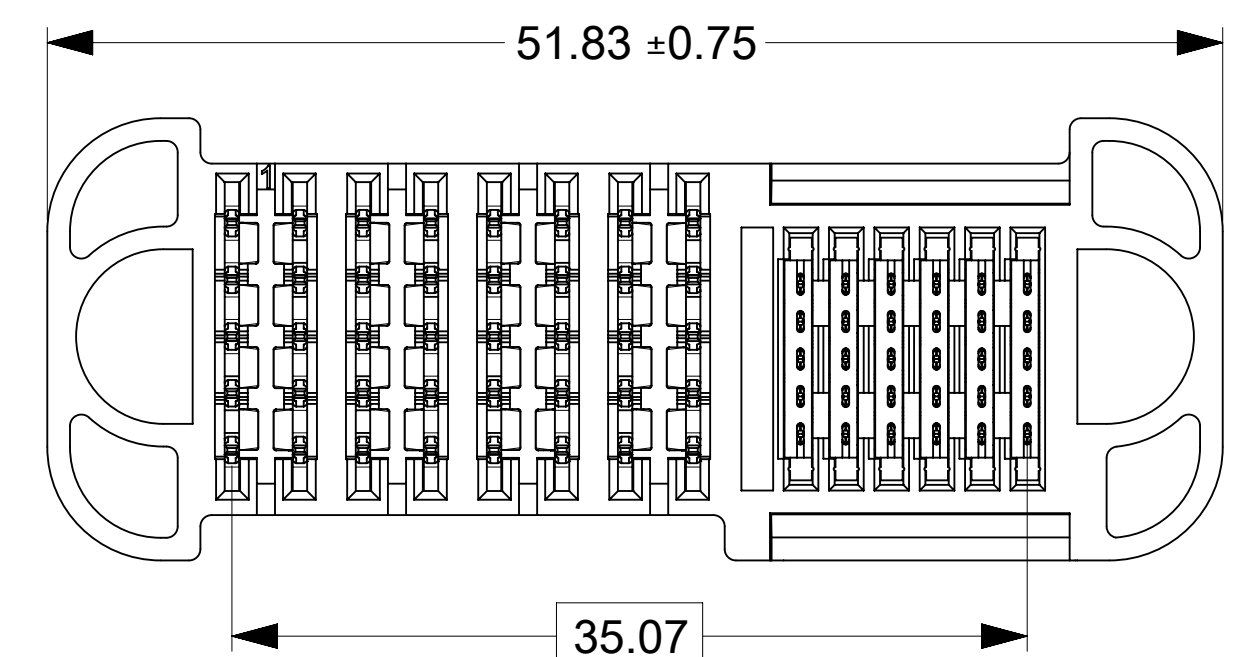
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0017	G+2P+30S+G	120



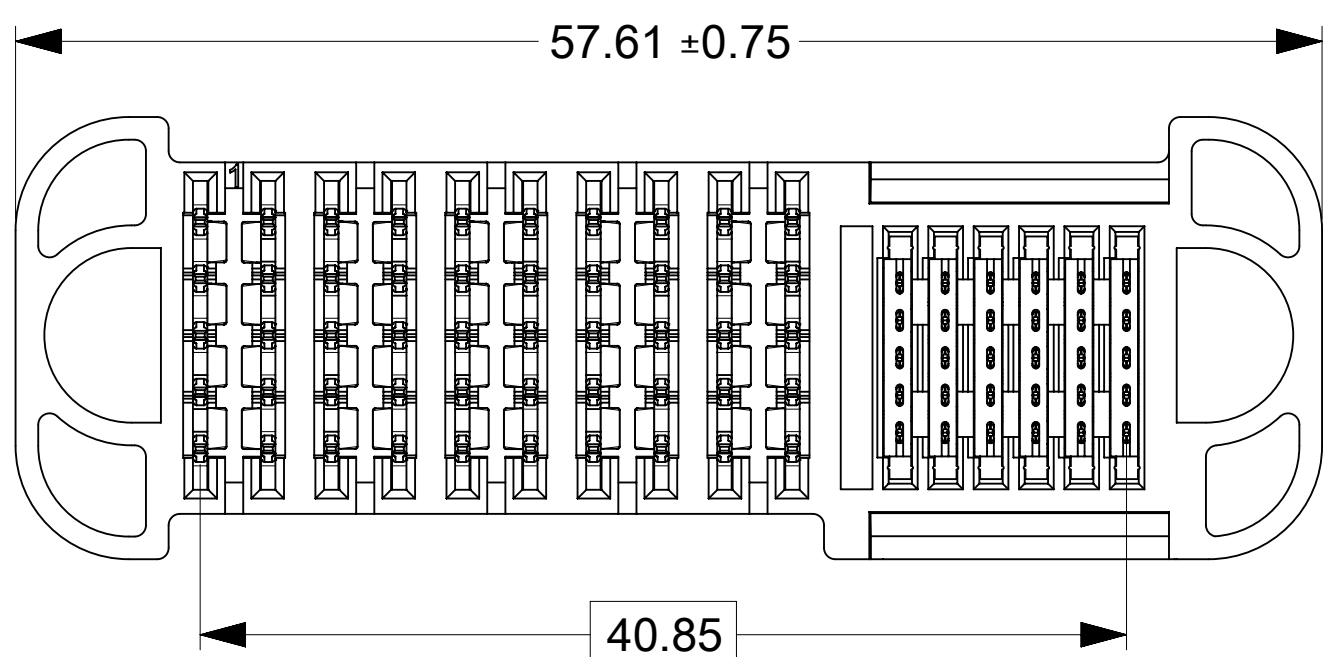
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0018	G+3P+30S+G	120



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:							
				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	
										CUSTOMER	
										SHEET NUMBER	
										2 OF 2	

molex

GUARDIAN HD VREC RIGHT SIGNAL WITH POWER PF

PRODUCT CUSTOMER DRAWING

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

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