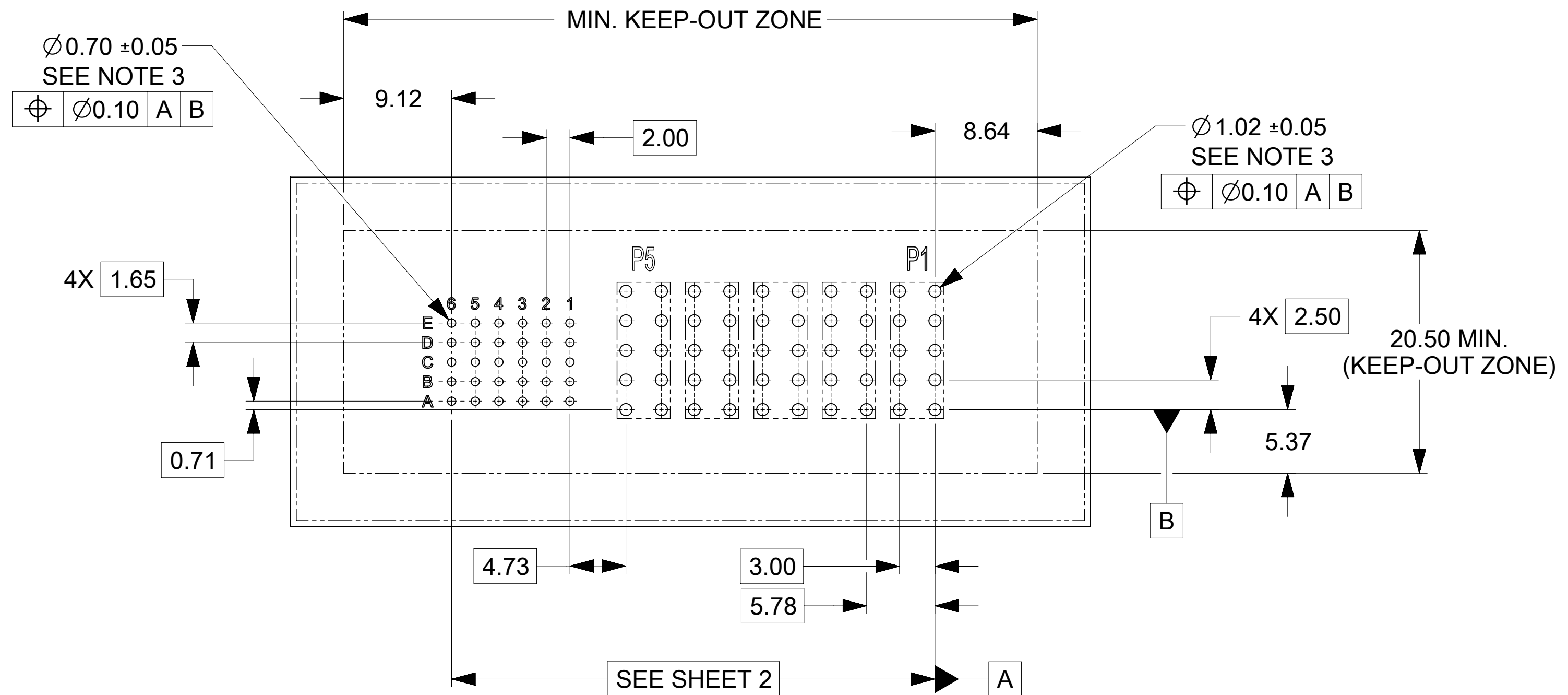


**PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE**

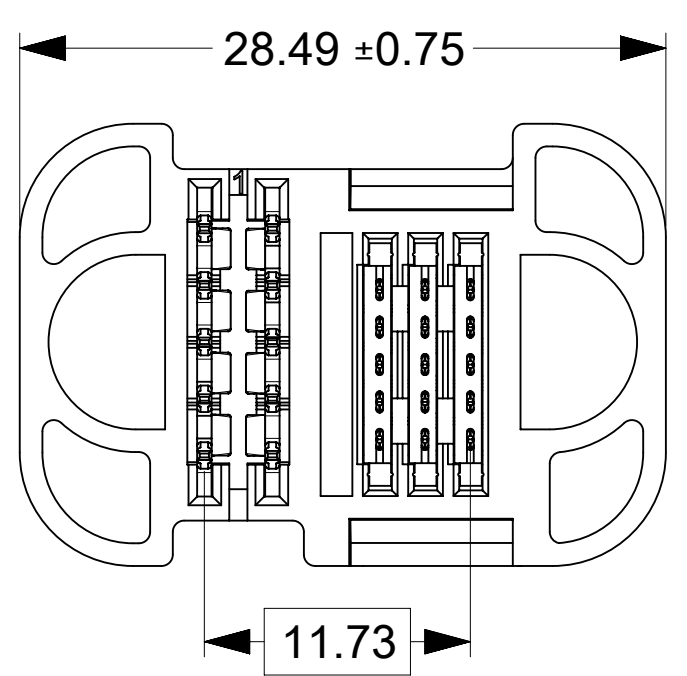
- NOTES:**
- MATERIAL:**
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 μm (50 μin) NICKEL OVERALL WITH 2.54 μm (100 μin) SELECTIVE TIN ON TAILS AND 0.762 μm (30 μin) SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING:** ASSEMBLIES TO BE TRAY PACKED PER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



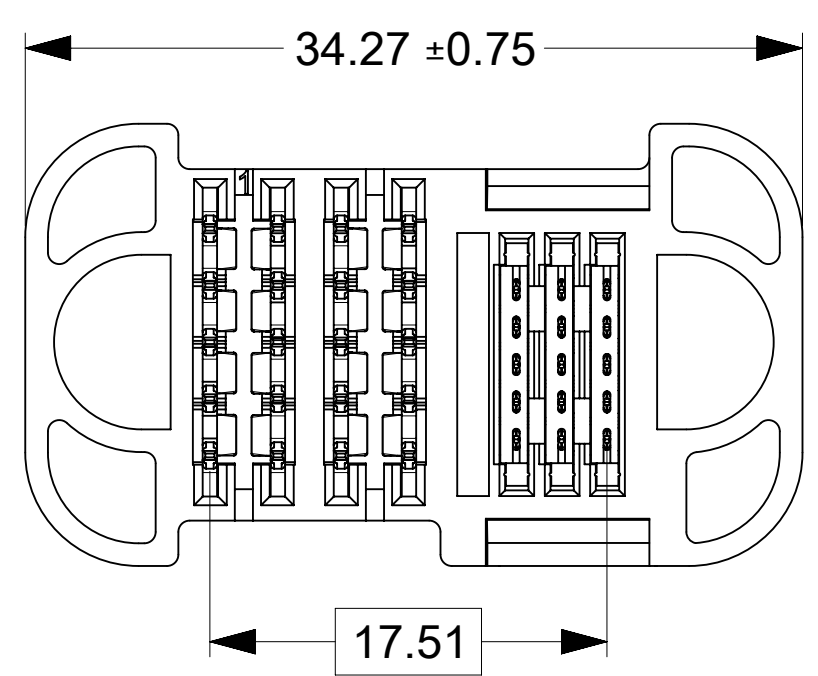
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

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		THIRD ANGLE PROJECTION		DRWN: LZABJANOVSKI		2022/03/31									
MUST REMAIN WITHIN DIMENSIONS		DRAWING		APPR: BPISZCZOR		2022/08/04									
		D-DRAWING		SERIES		219563									
DOCUMENT NUMBER				DOC TYPE				DOC PART				REVISION			
2195639001-SD				PSD				000				A2			
MATERIAL NUMBER				CUSTOMER				SHEET NUMBER							
								1 OF 2							

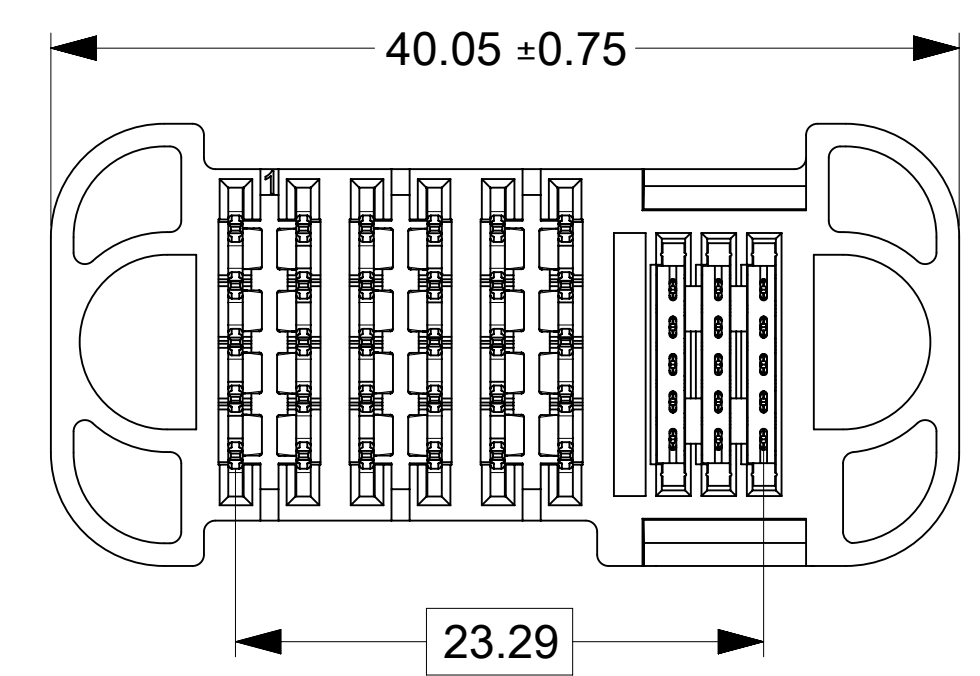
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0011	G+1P+15S+G	180



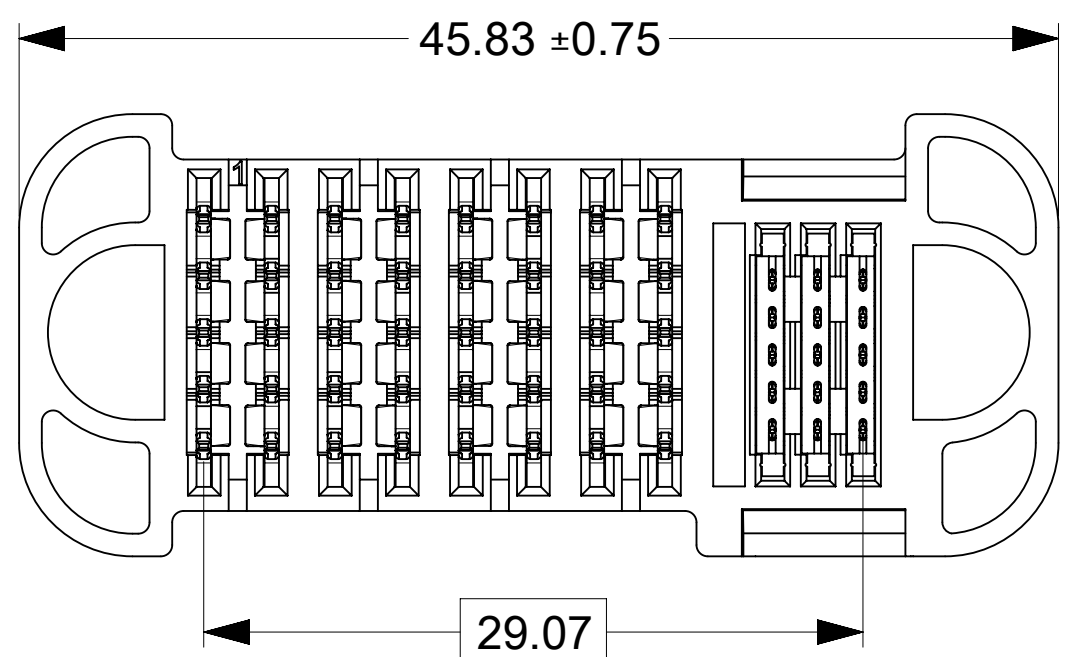
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0012	G+2P+15S+G	160



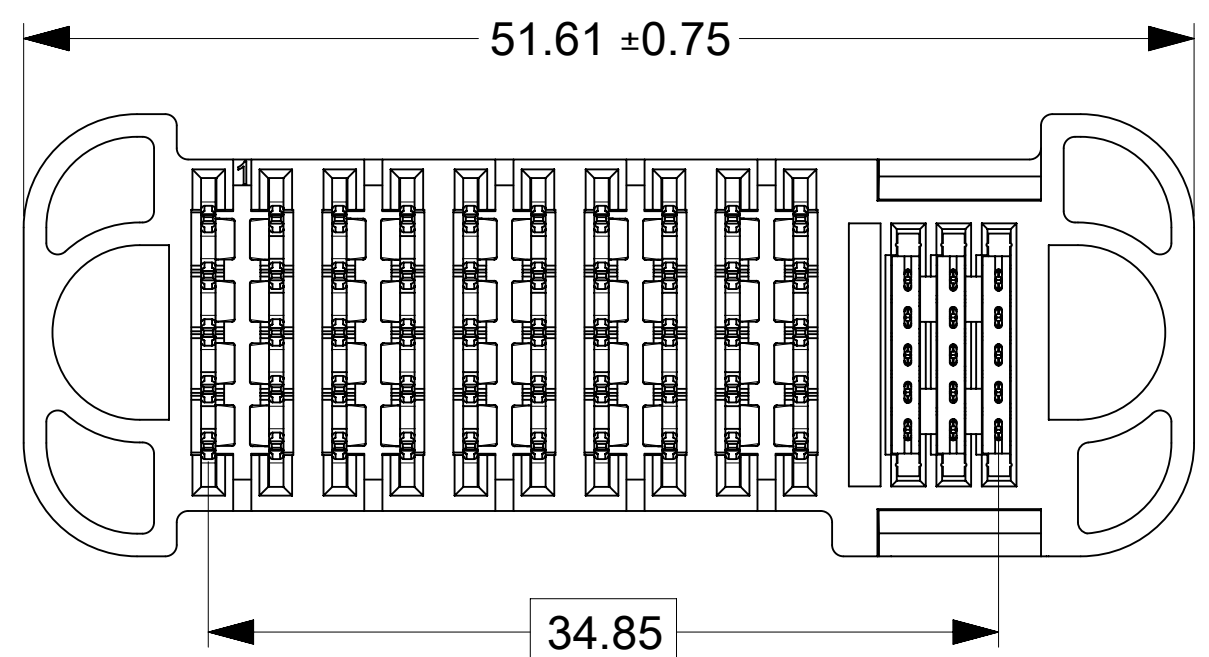
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0013	G+3P+15S+G	140



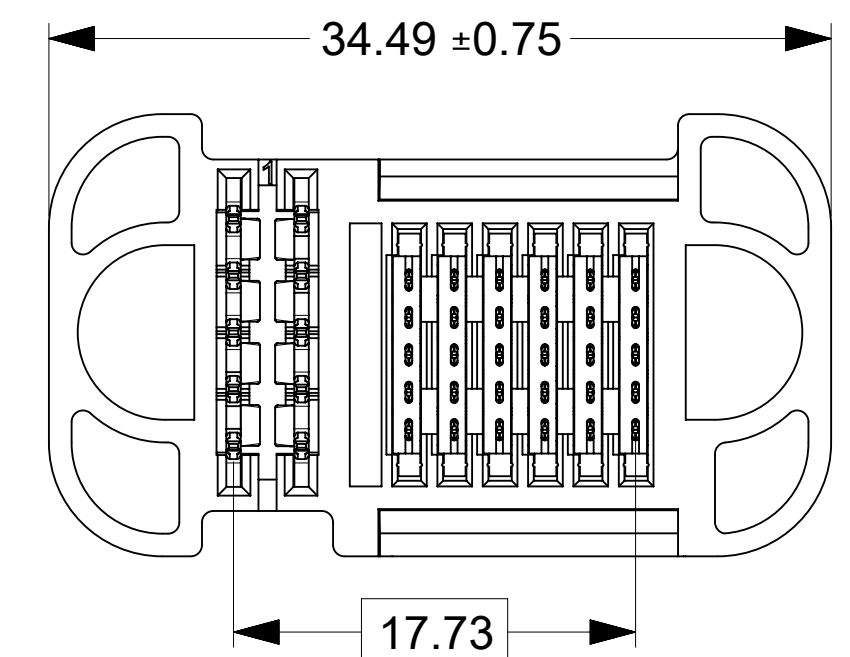
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0014	G+4P+15S+G	120



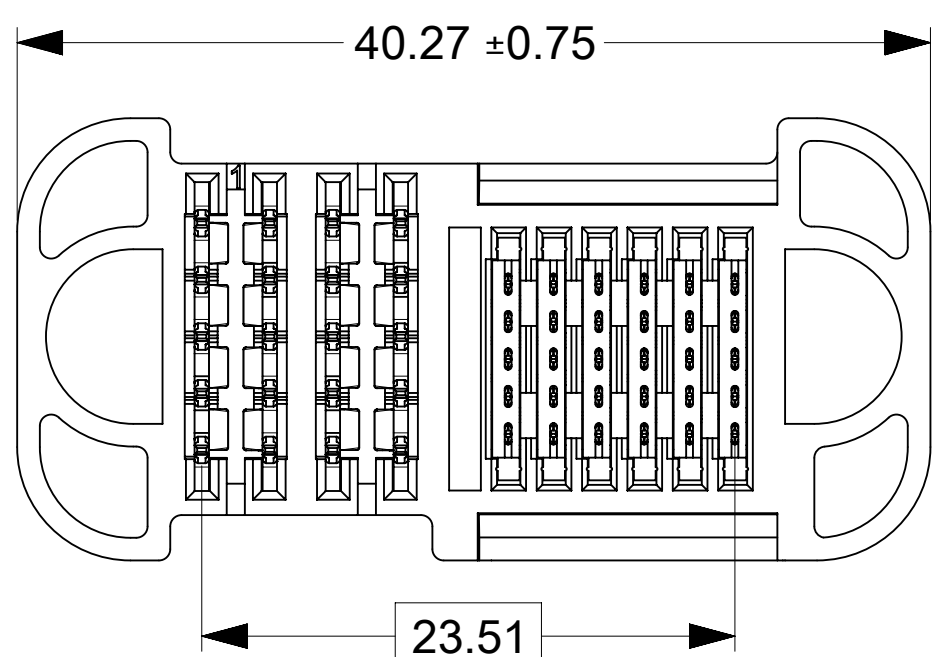
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0015	G+5P+15S+G	100



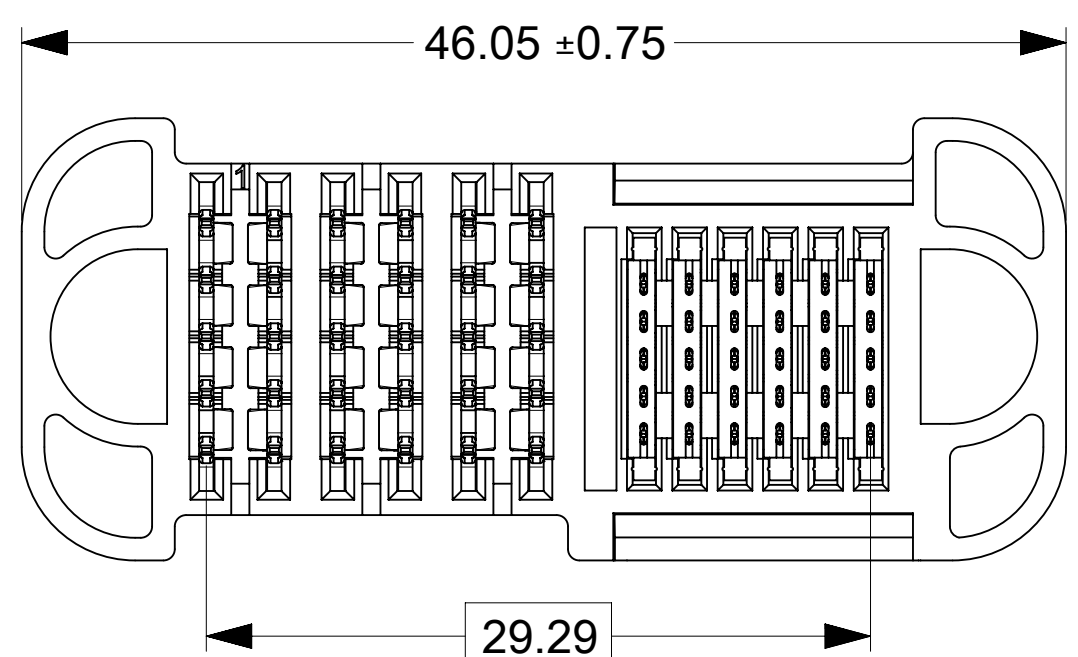
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0016	G+1P+30S+G	160



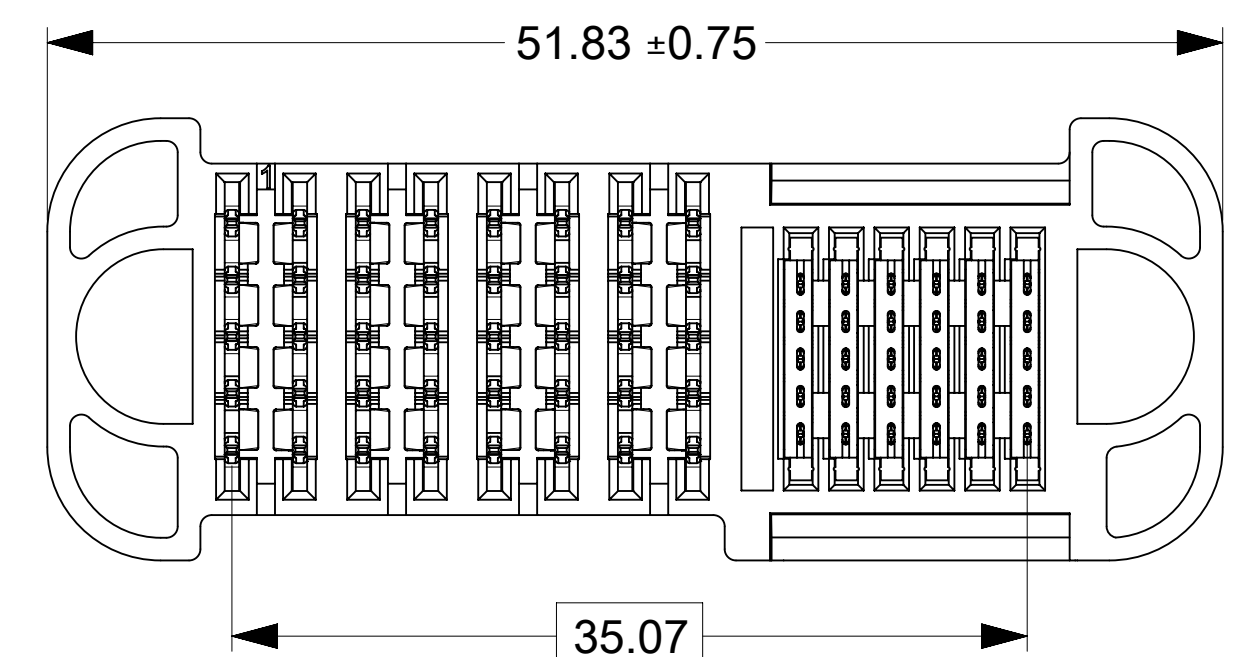
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0017	G+2P+30S+G	120



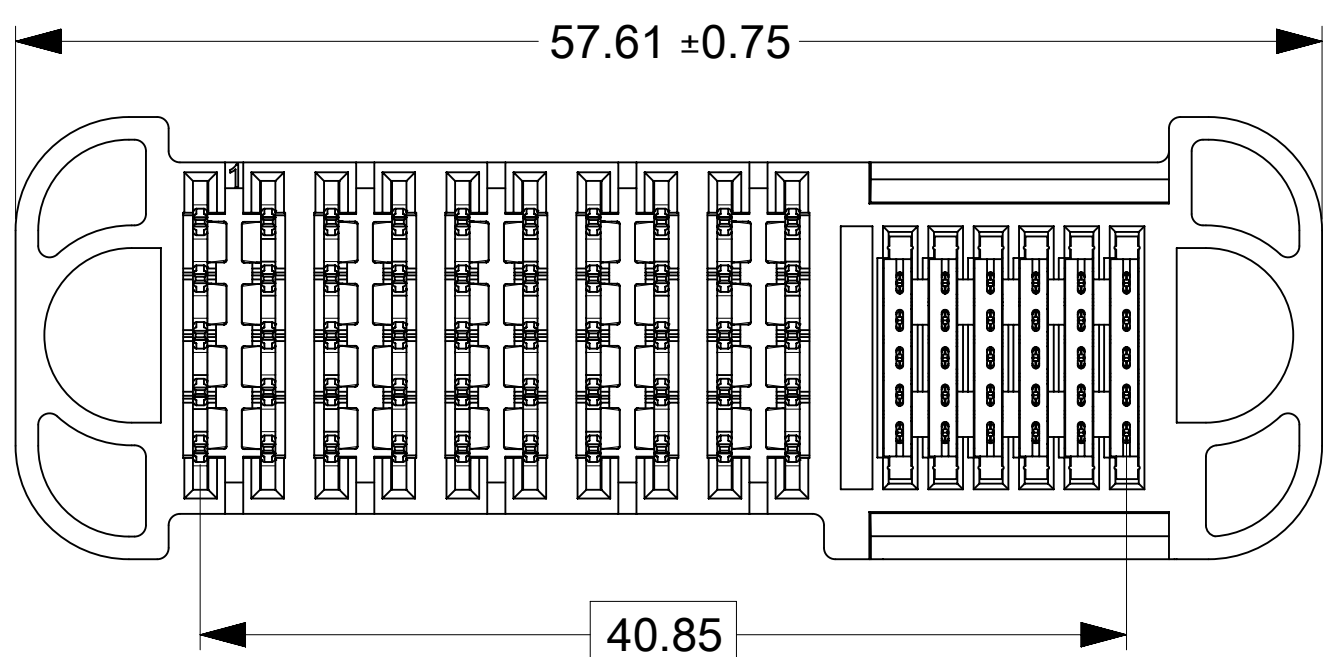
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0018	G+3P+30S+G	120



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		DRWN: LZABJANOVSKI	2022/03/31
		APPR: BPISZCZOR	2022/08/04
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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