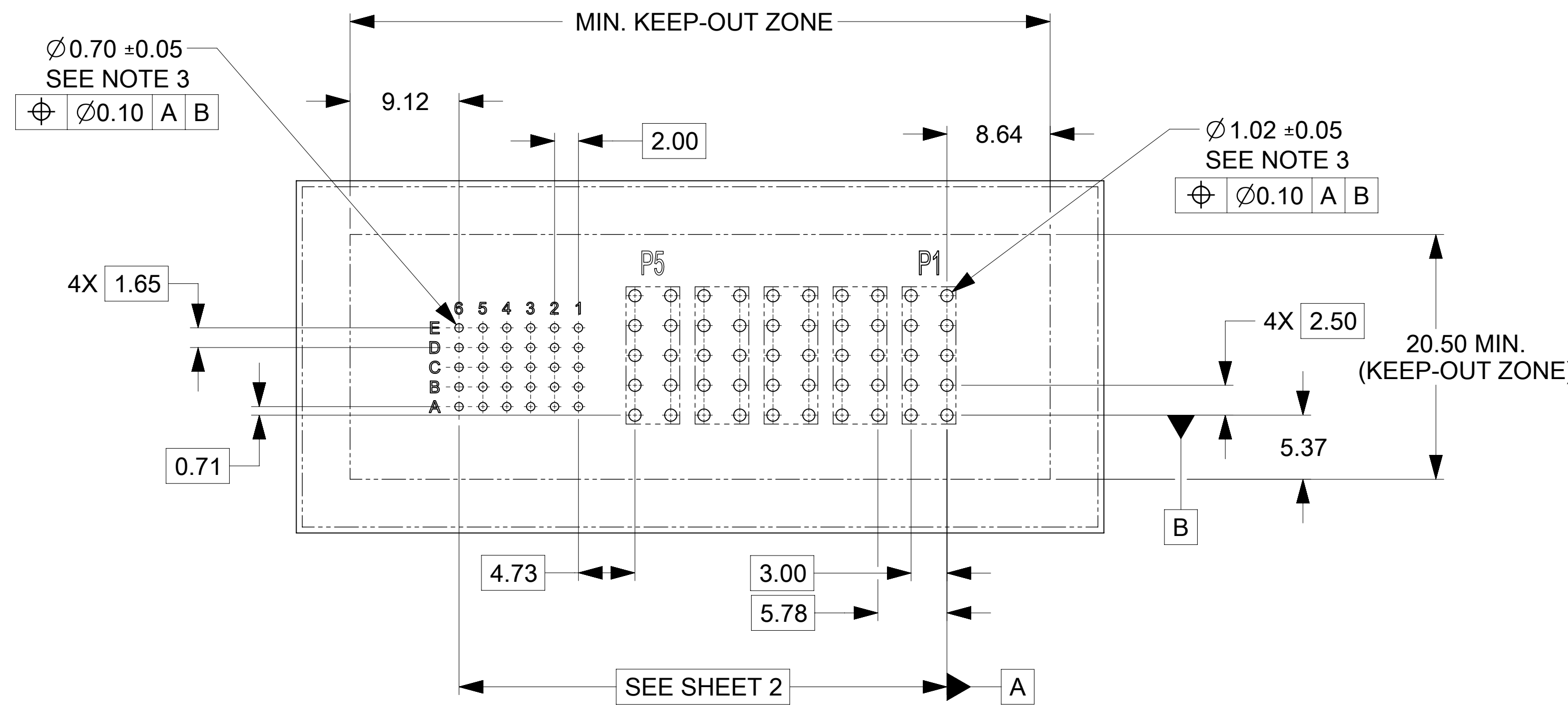


PLUG MATED TO VERTICAL RECEPTACLE MATED PROFILE

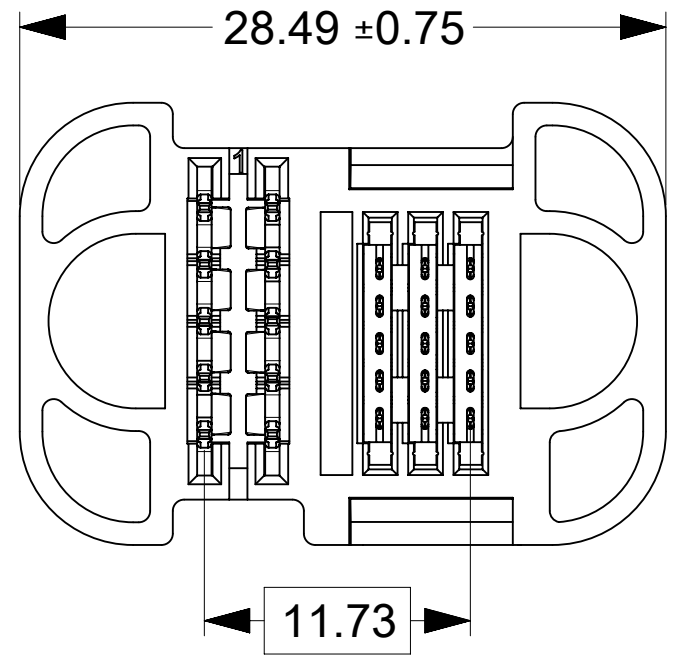
- NOTES:
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 μm (50 μin) NICKEL OVERALL WITH 2.54 μm (100 μin) SELECTIVE TIN ON TAILS AND 0.762 μm (30 μin) SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING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



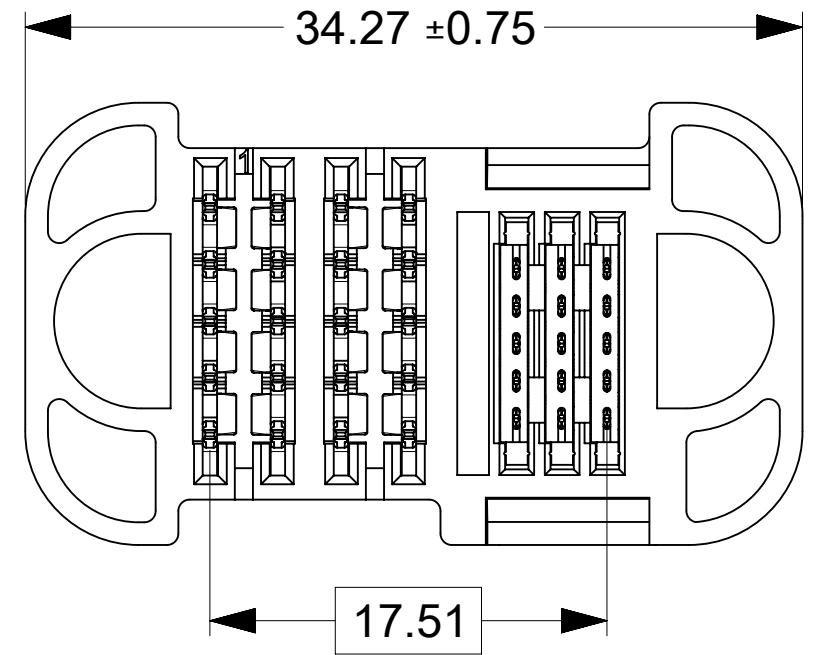
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

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		2195639001-SD		CUSTOMER	
DOCUMENT STATUS				P1		RELEASE DATE		2023/04/11 17:05:26	
DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
2195639001-SD		PSD		000		A2			
SHEET NUMBER				1 OF 2					

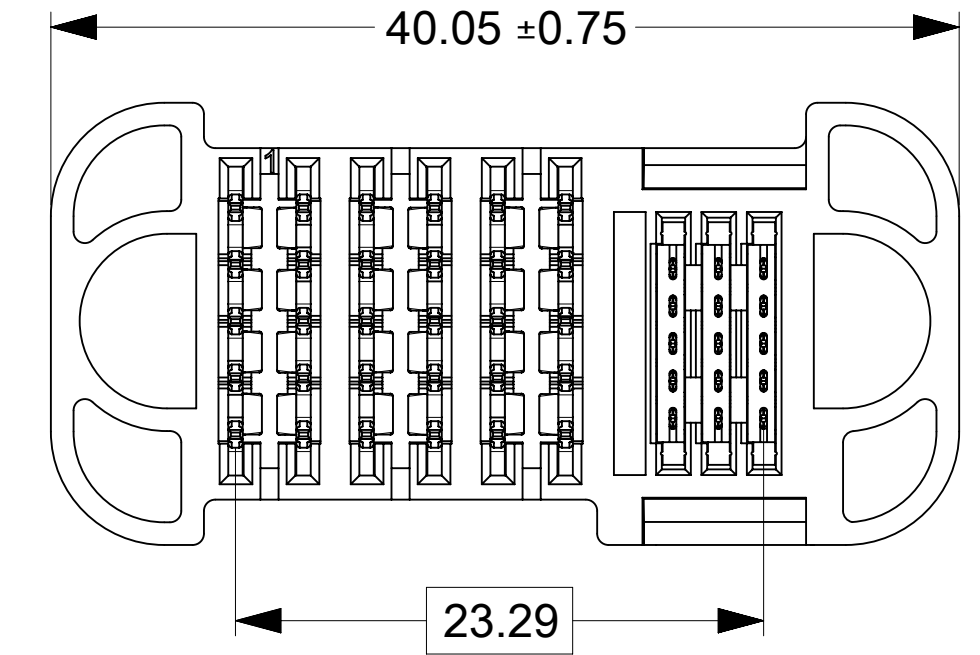
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0011	G+1P+15S+G	180



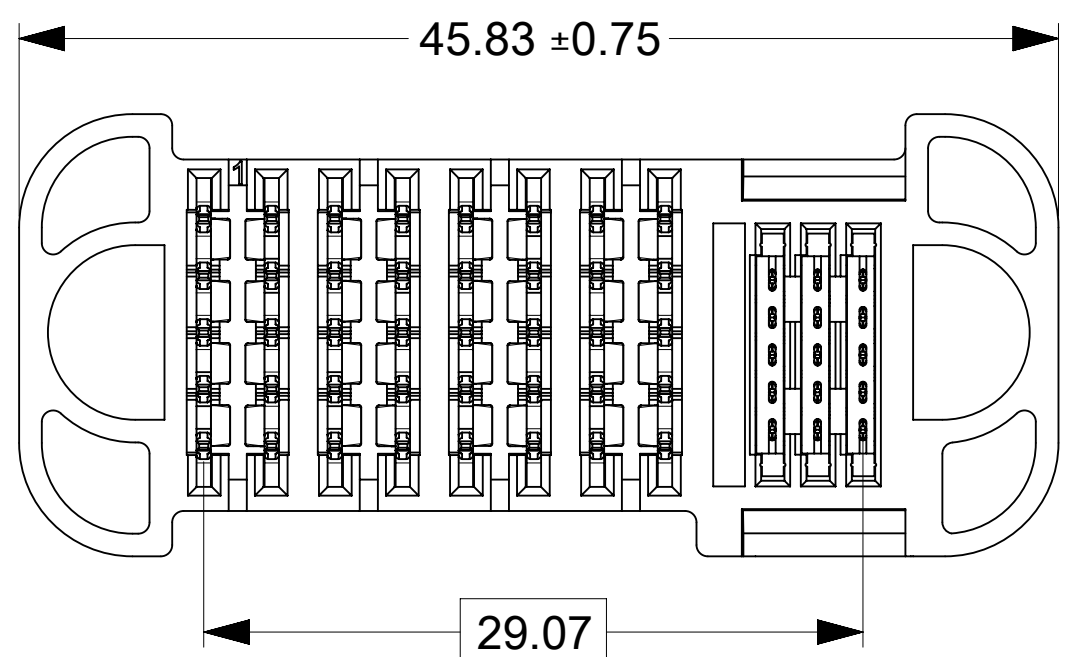
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0012	G+2P+15S+G	160



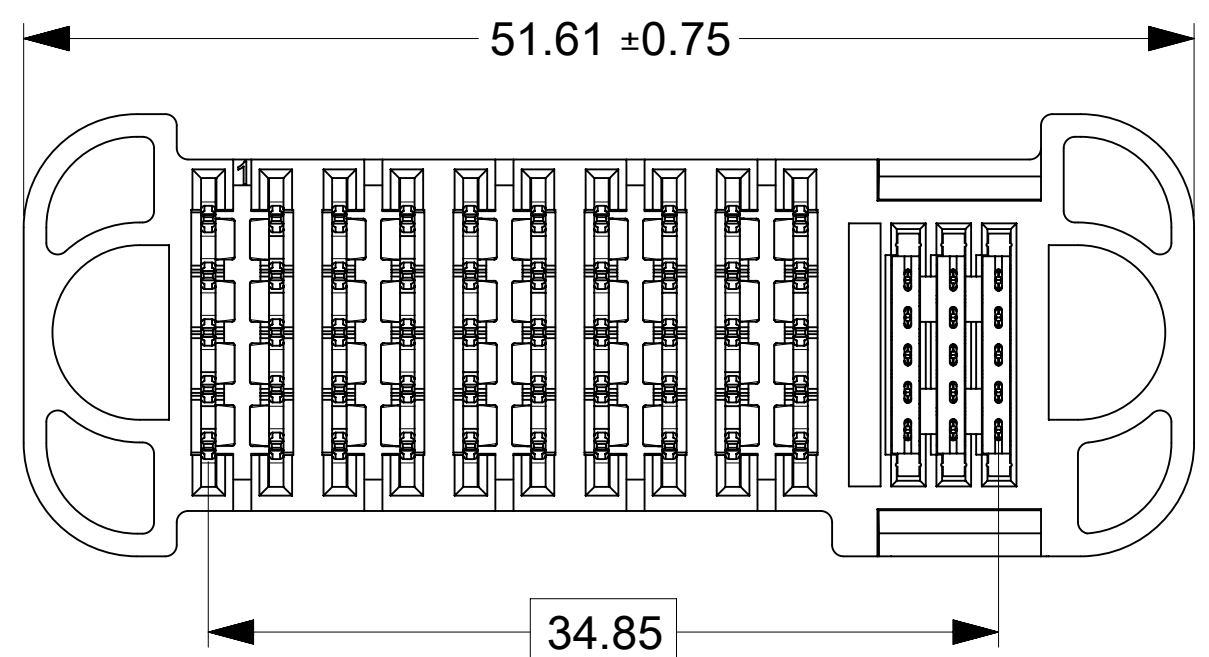
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0013	G+3P+15S+G	140



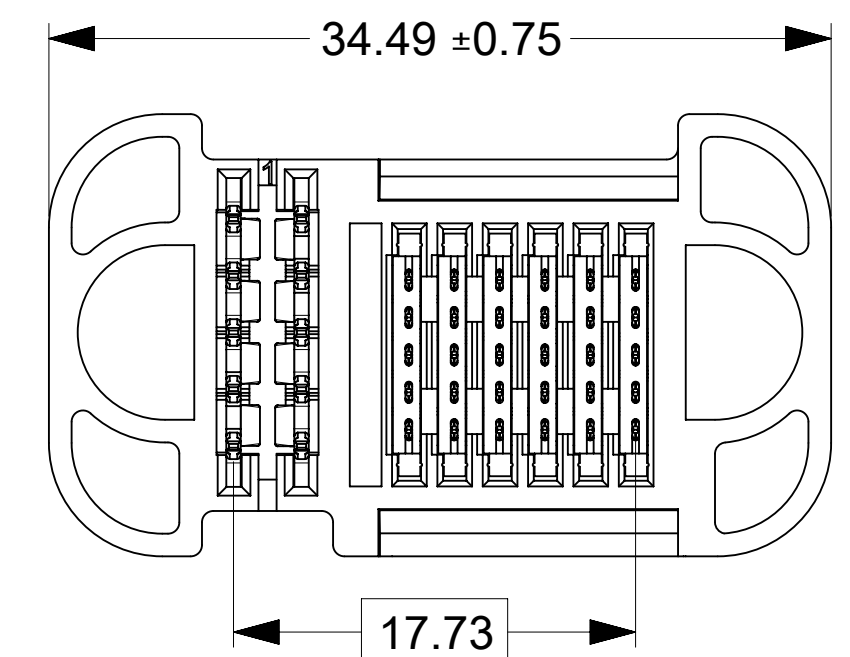
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0014	G+4P+15S+G	120



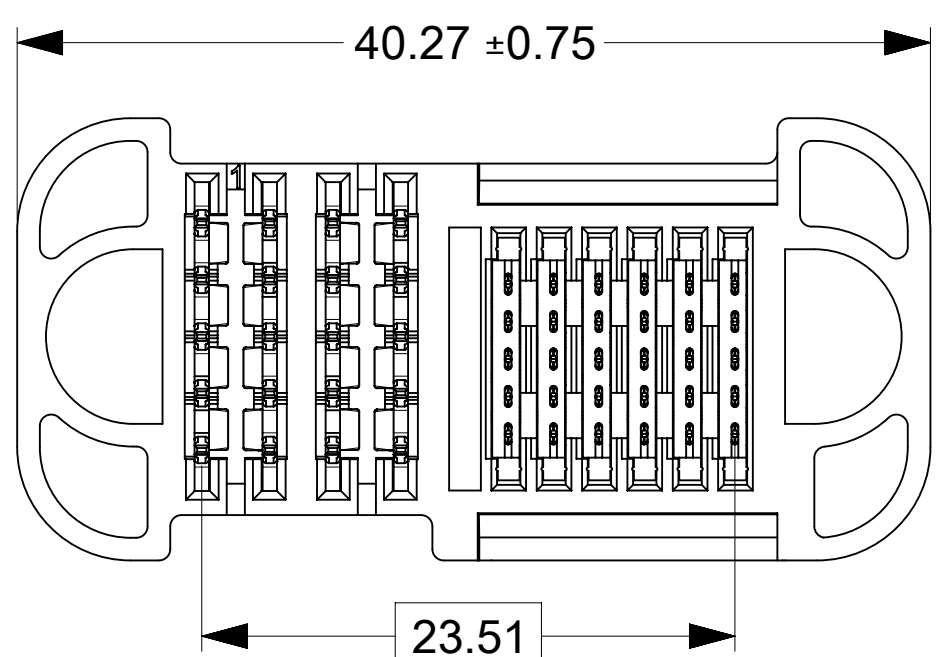
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0015	G+5P+15S+G	100



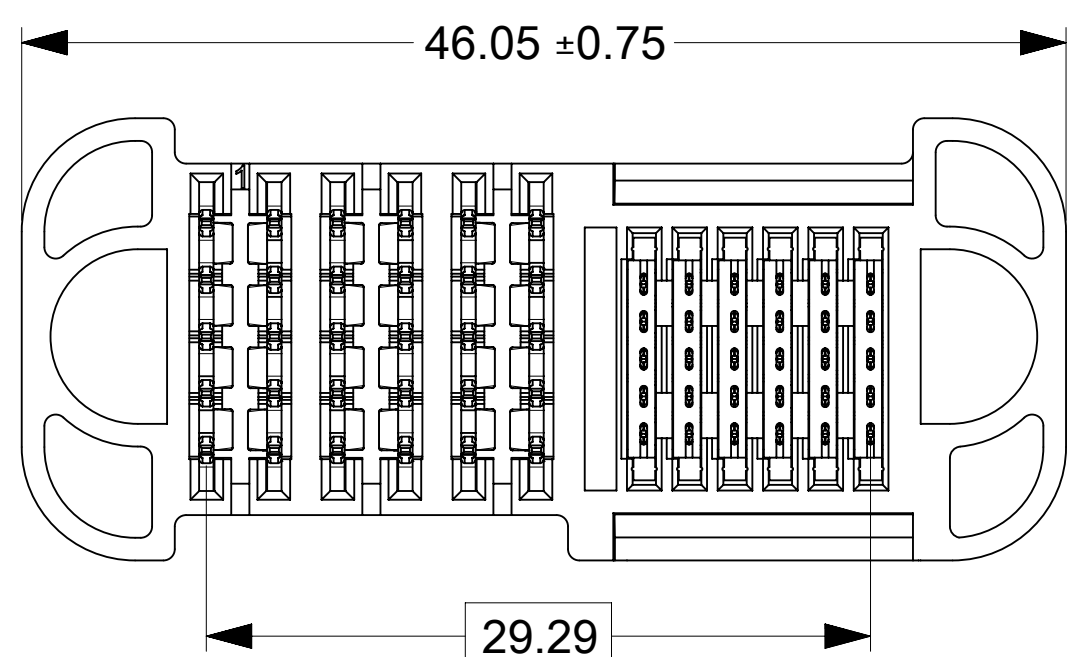
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0016	G+1P+30S+G	160



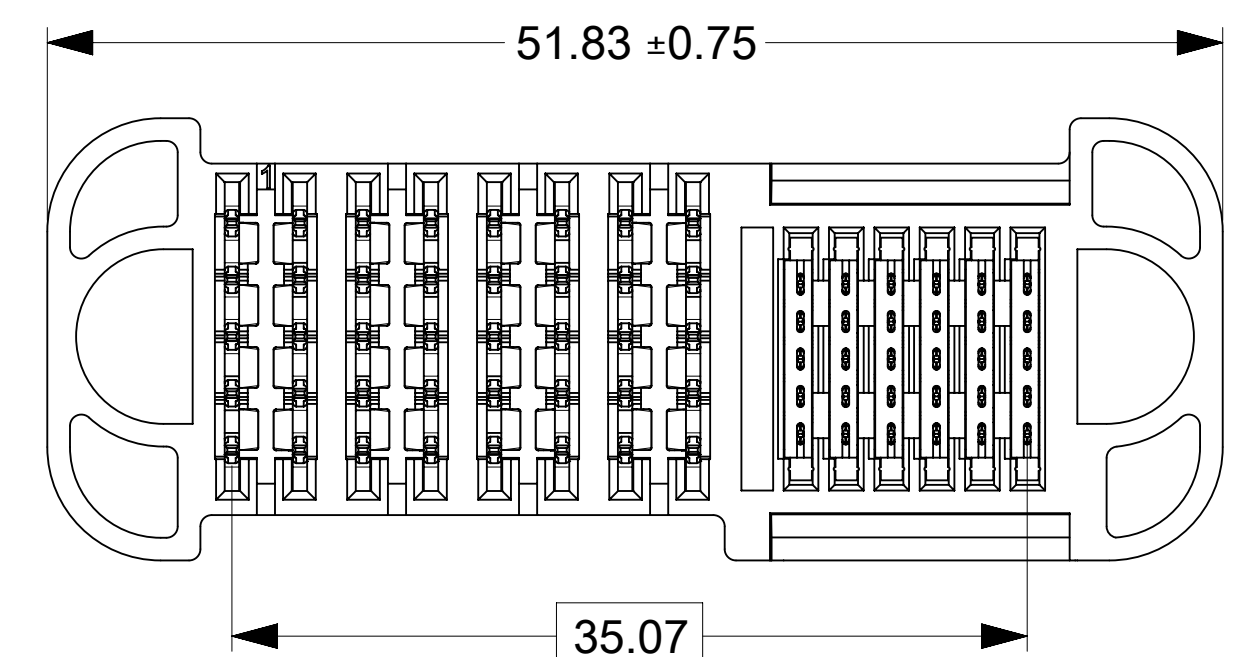
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0017	G+2P+30S+G	120



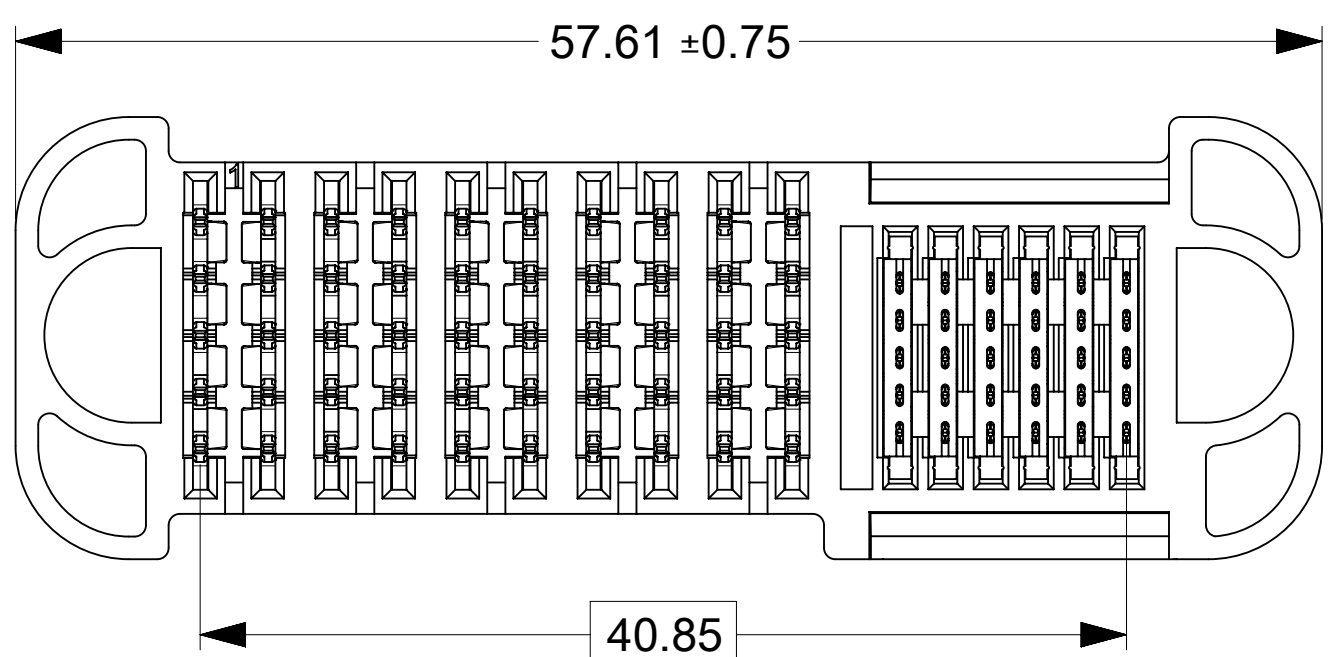
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0018	G+3P+30S+G	120



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**

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		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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