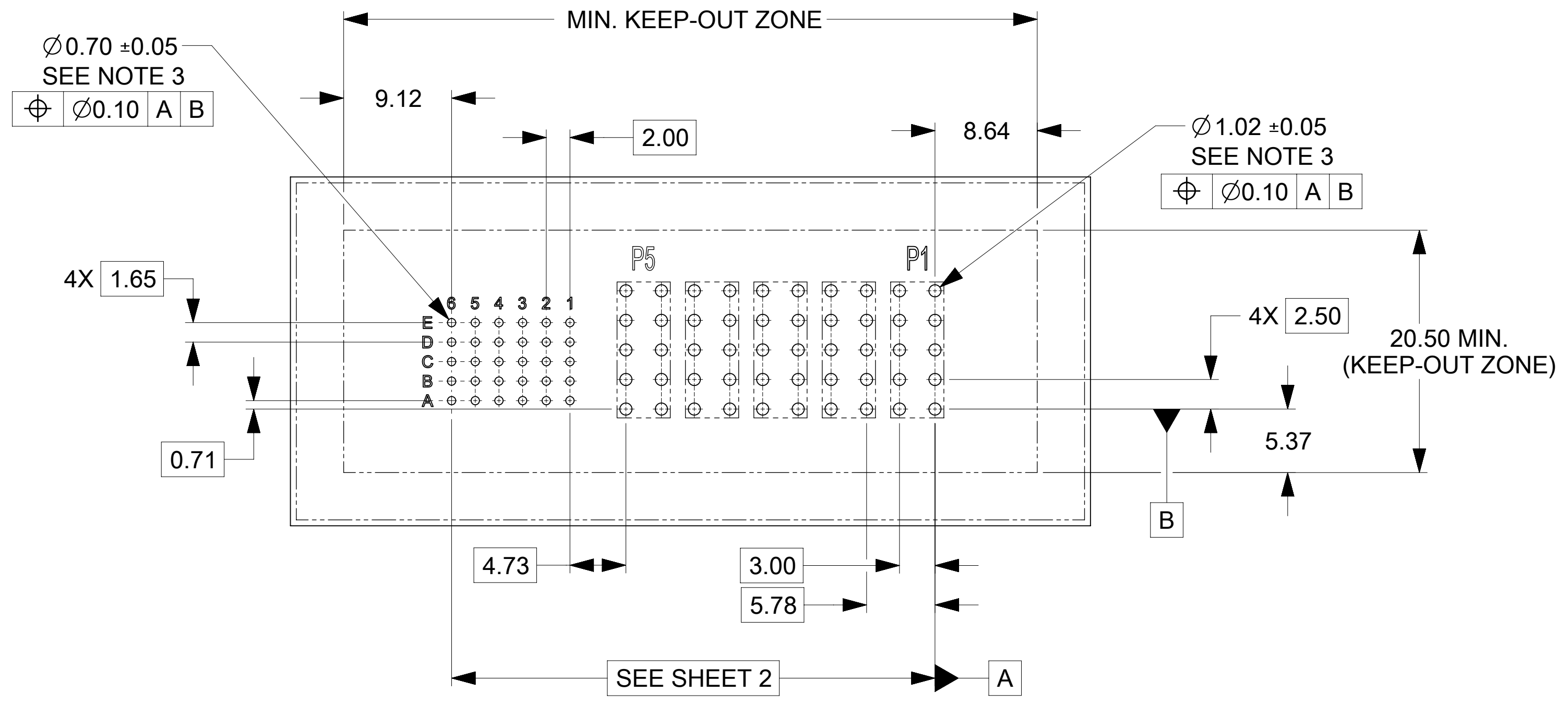


### PLUG MATED TO VERTICAL RECEPTACLE MATED PROFILE

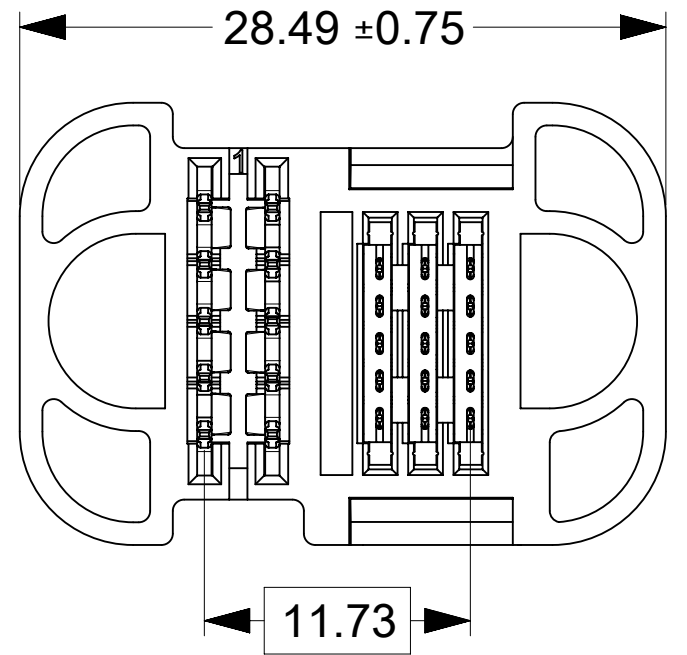


- NOTES:
- MATERIAL:
    - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
    - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
    - PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH  
2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND  
0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
  - PACKAGING: ASSEMBLIES TO BE TRAY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

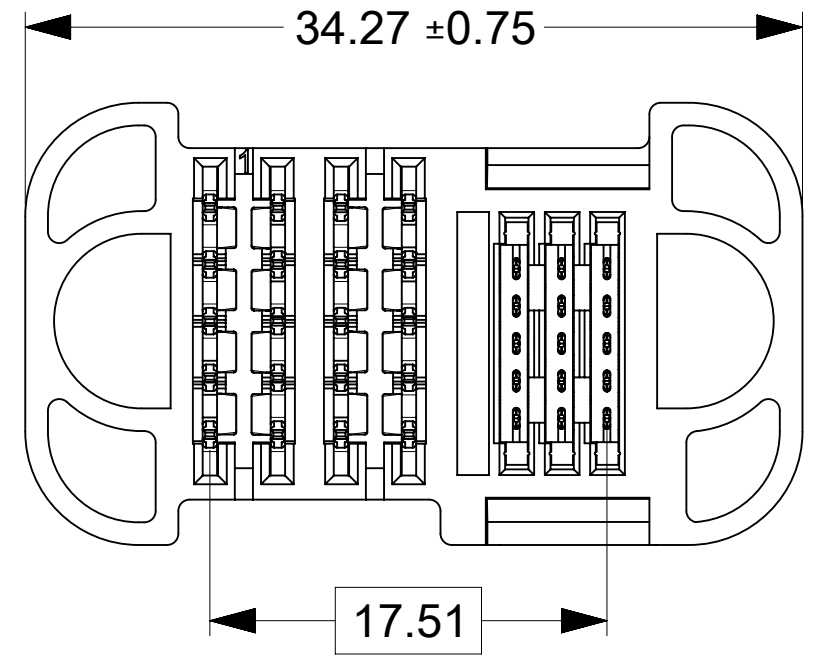
### RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

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>	<b>PSD 000 A2</b>
SHEET NUMBER		1 OF 2	

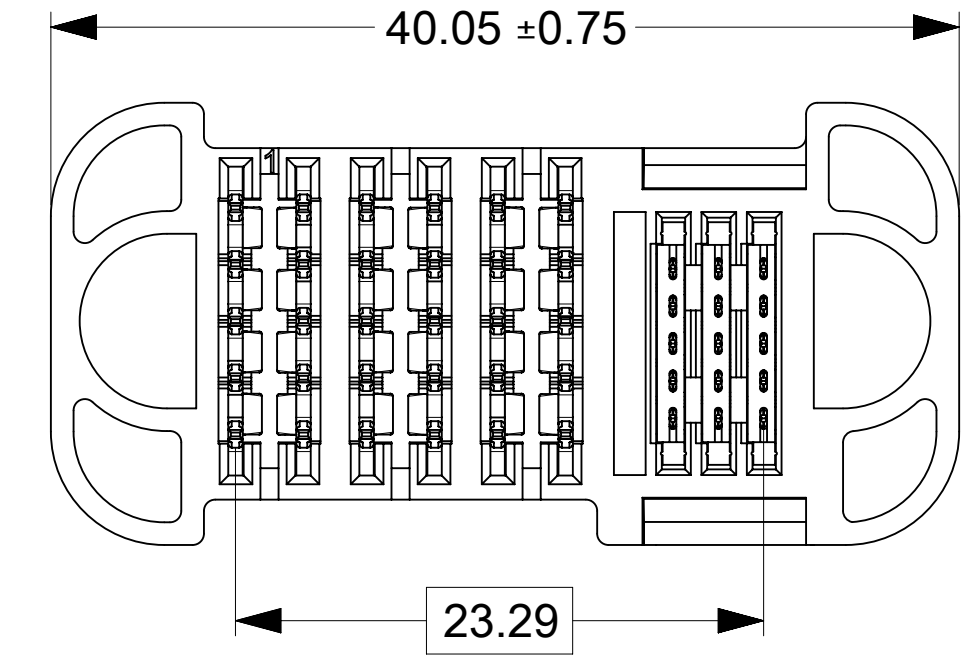
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0011	G+1P+15S+G	180



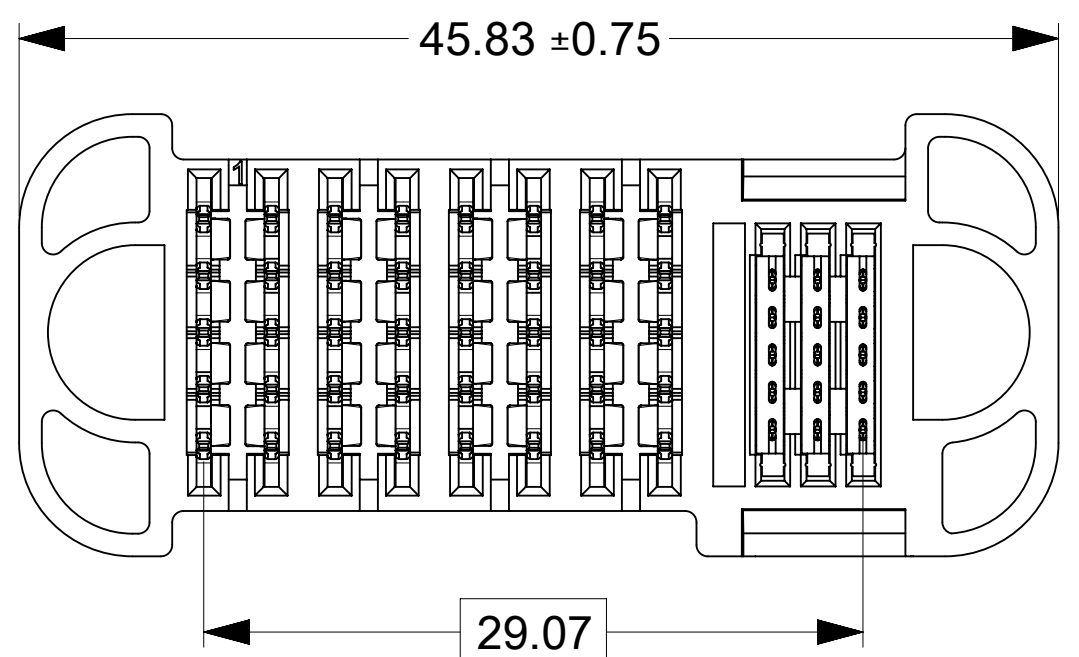
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0012	G+2P+15S+G	160



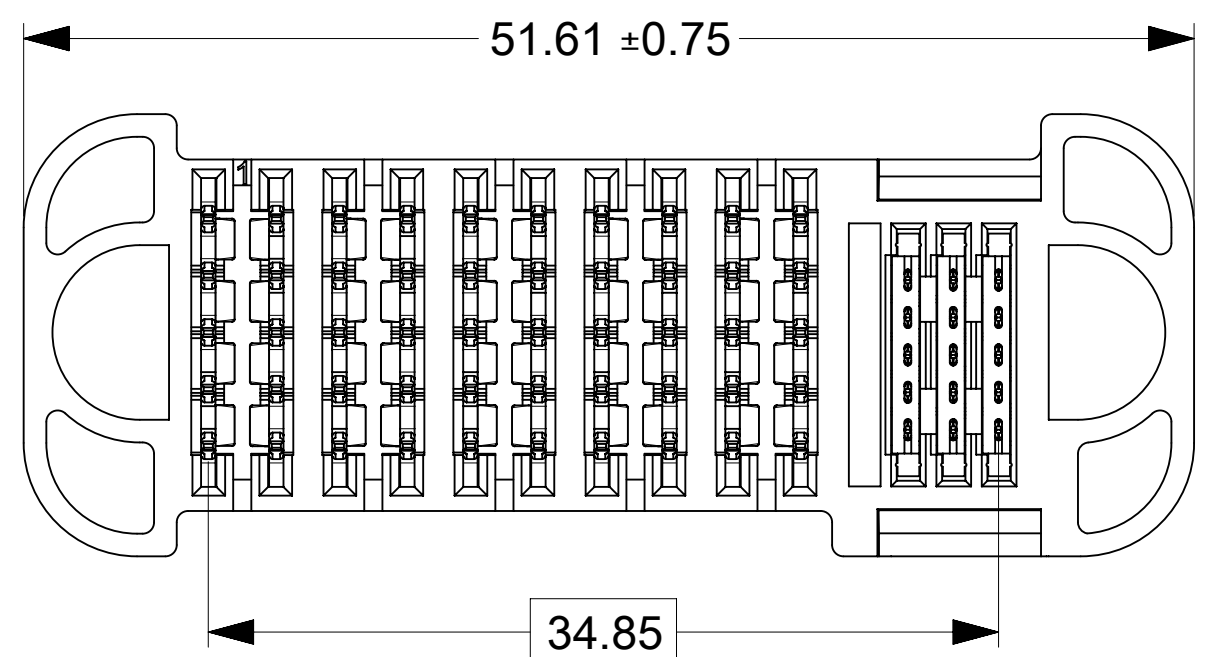
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0013	G+3P+15S+G	140



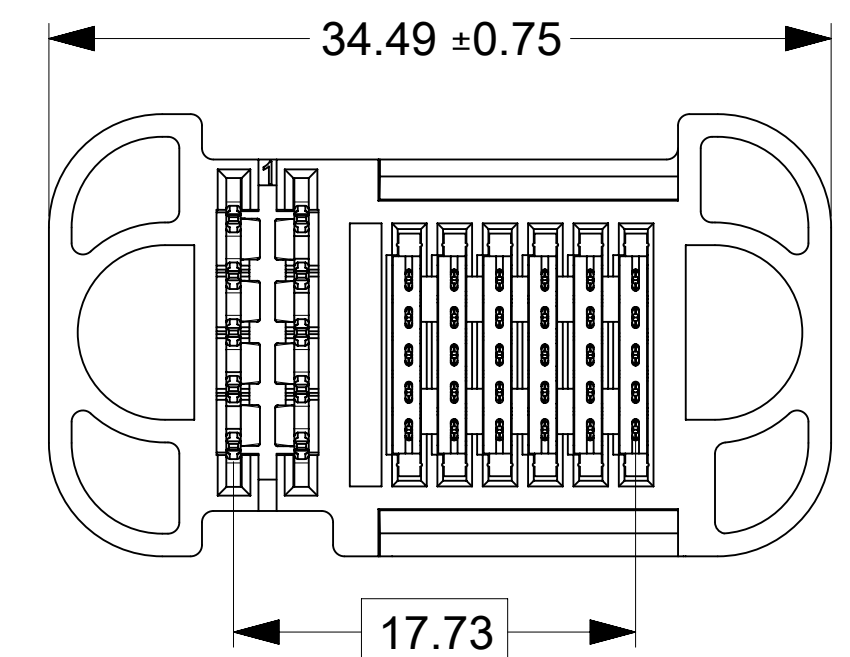
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0014	G+4P+15S+G	120



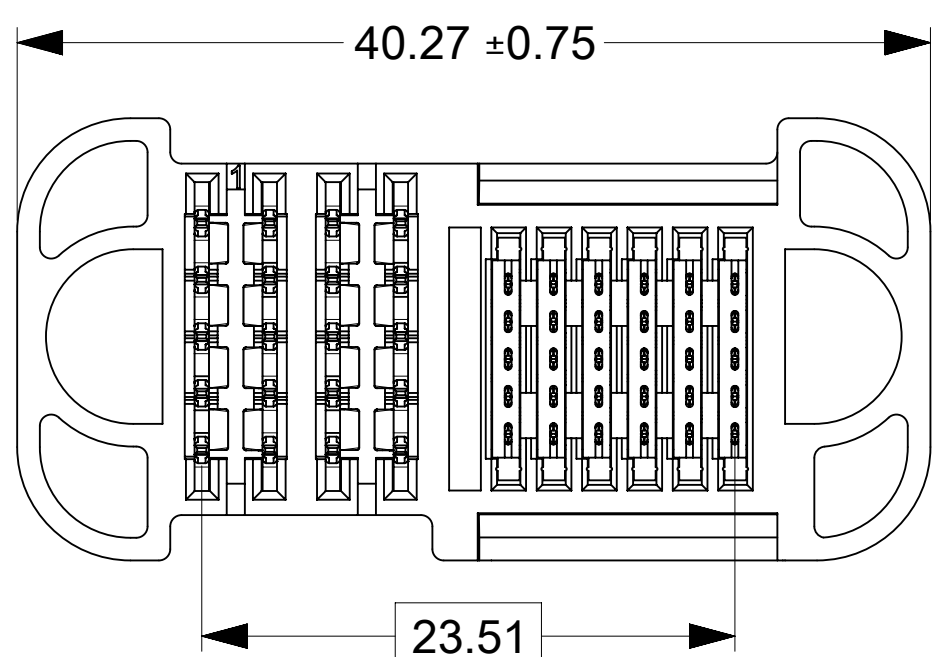
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0015	G+5P+15S+G	100



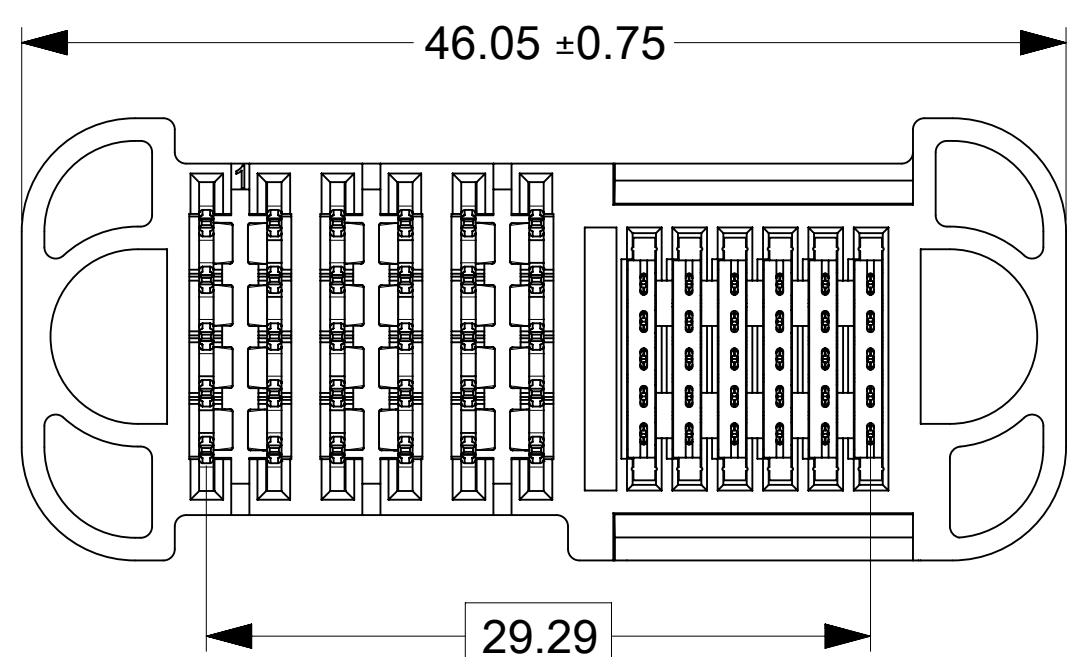
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0016	G+1P+30S+G	160



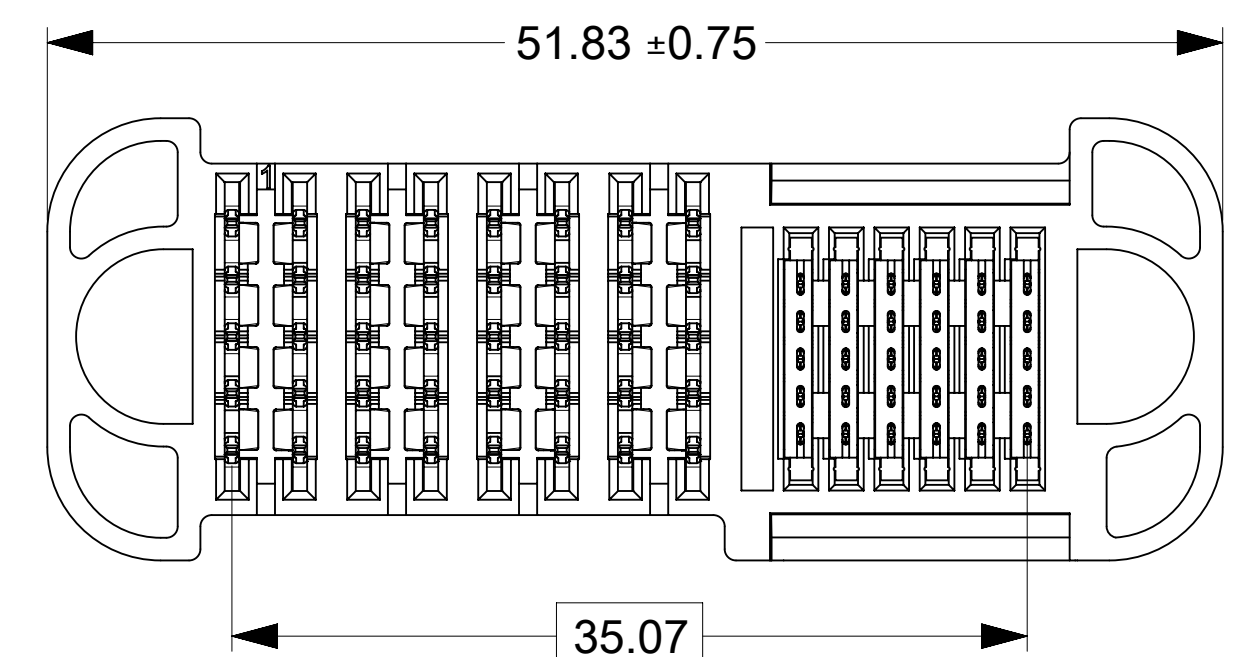
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0017	G+2P+30S+G	120



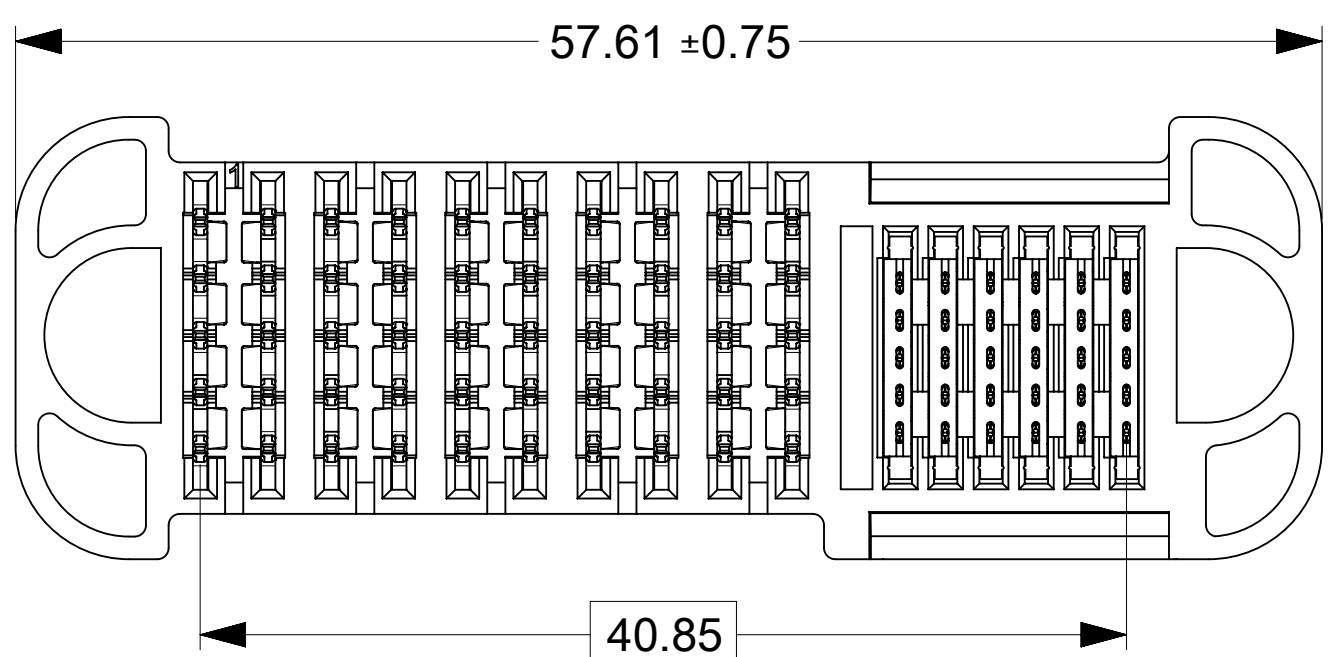
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0018	G+3P+30S+G	120



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:	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: LZABJANOVSKI 2022/03/31	2022/08/04
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